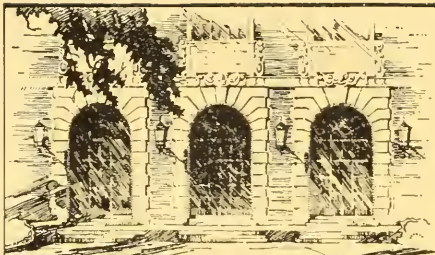


UNIVERSITY OF ILLINOIS  
ANNUAL REGISTER

1944 - 1945





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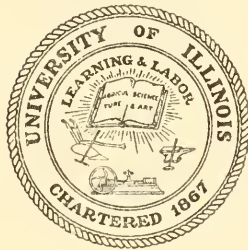


# UNIVERSITY OF ILLINOIS

## ANNUAL REGISTER

1944-1945

SEVENTY-SEVENTH YEAR  
OF THE UNIVERSITY



PUBLISHED BY THE UNIVERSITY  
URBANA, ILLINOIS  
APRIL, 1945

DISTRIBUTED BY THE REGISTRAR  
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# UNIVERSITY CALENDAR

## DEPARTMENTS AT URBANA\*

### 1944—Summer Term

June 5, Mon.—June 8, Thurs.....	Entrance examinations.
June 9, Fri.—June 13, Tues.....	Freshman week program.
June 12, Mon.....	Registration of graduates and undergraduates.
June 13, Tues.....	Instruction begins.
July 4, Tues.....	Independence Day.
Aug. 4, Fri.—Aug. 5, Sat.....	Examinations in eight-week courses.
Sept. 22, Fri.—Sept. 30, Sat.....	Examinations in sixteen-week courses.
Oct. 1, Sun.....	Baccalaureate and Commencement Exercises.

### 1944—First Semester

Sept. 26, Tues.—Sept. 29, Fri.....	Entrance examinations.
Oct. 5, Thurs.—Oct. 10, Tues.....	Freshman week program.
Oct. 6, Fri.—Oct. 7, Sat.....	Registration of graduate students.
Oct. 7, Sat.....	Registration of freshmen.
Oct. 9, Mon.—Oct. 10, Tues.....	Registration of upperclassmen (except College of Engineering).
Oct. 11, Wed.....	Instruction begins.
Nov. 23, Thurs.....	Thanksgiving Day.
Dec. 3, Sun.....	Illinois Day (State admitted to the Union, 1818).
Dec. 21, Thurs., 8 a.m.....	Holiday recess begins.
Jan. 2, Tues., 8 a.m.....	Holiday recess ends.
Jan. 26, Fri.—Feb. 3, Sat.....	Semester examinations.
Feb. 4, Sun.....	Baccalaureate and Commencement Exercises.

### 1945—Second Semester

Jan. 30, Tues.—Feb. 2, Fri.....	Entrance examinations.
Feb. 9, Fri.—Feb. 10, Sat.....	Registration of graduate students.
Feb. 12, Mon.—Feb. 13, Tues.....	Registration of undergraduates (except upperclassmen in College of Engineering).
Feb. 14, Wed.....	Instruction begins.
March 2, Fri.....	University Day (University opened, 1868).
May 4, Fri.....	Honors Day.
May 24, Thurs.—June 2, Sat.....	Semester examinations.
May 30, Wed.....	Memorial Day.
June 3, Sun.....	Baccalaureate and Commencement Exercises.

### 1945—Summer Term

June 4, Mon.—June 7, Thurs.....	Entrance examinations.
June 8, Fri.—June 12, Tues.....	Freshman week program.
June 11, Mon.....	Registration of graduates and undergraduates (except upperclassmen in College of Engineering).
June 12, Tues.....	Instruction begins.
July 4, Wed.....	Independence Day.
Aug. 3, Fri.—Aug. 4, Sat.....	Examinations in eight-week courses.
Sept. 21, Fri.—Sept. 29, Sat.....	Examinations in sixteen-week courses.
Sept. 30, Sun.....	Baccalaureate and Commencement Exercises.

### 1945—First Semester

Sept. 25, Tues.—Sept. 28, Fri.....	Entrance examinations.
Oct. 4, Thurs.—Oct. 9, Tues.....	Freshman week program.
Oct. 5, Fri.—Oct. 6, Sat.....	Registration of graduate students.
Oct. 6, Sat.....	Registration of freshmen.

\*The Weekly Calendar, listing lectures, special meetings, athletic contests, and other events on the Urbana campus, is posted on bulletin boards in University buildings and mailed to subscribers at \$1 a year.

Oct. 8, Mon.—Oct. 9, Tues. . . . . Registration of upperclassmen.  
 Oct. 10, Wed. . . . . Instruction begins.  
 Nov. 22, Thurs. . . . . Thanksgiving Day.  
 Dec. 3, Mon. . . . . Illinois Day (State admitted to Union, 1818).  
 Dec. 21, Fri., 8 a.m. . . . . Holiday recess begins.  
 Jan. 3, Thurs., 8 a.m. . . . . Holiday recess ends.  
 Jan. 25, Fri.—Feb. 2, Sat. . . . . Semester examinations.  
 Feb. 3, Sun. . . . . Baccalaureate and Commencement Exercises.

**1946—Second Semester**

Jan. 29, Tues.—Feb. 1, Fri. . . . . Entrance examinations.  
 Feb. 9, Sat. . . . . Registration of graduate students.  
 Feb. 11, Mon.—Feb. 12, Tues. . . . . Registration of undergraduates.  
 Feb. 13, Wed. . . . . Instruction begins.  
 March 2, Sat. . . . . University Day (University opened, 1868).  
 May 3, Fri. . . . . Honors Day.  
 May 23, Thurs.—June 1, Sat. . . . . Semester examinations.  
 May 30, Thurs. . . . . Memorial Day.  
 June 2, Sun. . . . . Baccalaureate and Commencement Exercises.

**1946—Summer Term**

June 3, Mon.—June 6, Thurs. . . . . Entrance examinations.  
 June 7, Fri.—June 11, Tues. . . . . Freshman week program.  
 June 10, Mon. . . . . Registration of graduates and undergraduates.  
 June 11, Tues. . . . . Instruction begins.

**College of Engineering (Upperclassmen)**

**1944—First Semester**

Nov. 2, Thurs. . . . . Registration.  
 Nov. 3, Fri. . . . . Instruction begins.  
 Feb. 21, Wed. . . . . Instruction ends.

**1945—Second Semester**

March 2, Fri. . . . . Registration.  
 March 3, Sat. . . . . Instruction begins.  
 June 22, Fri. . . . . Instruction ends.

**1945—Summer Semester**

July 2, Mon. . . . . Registration.  
 July 3, Tues. . . . . Instruction begins.  
 Oct. 20, Sat. . . . . Instruction ends.

**DEPARTMENTS IN CHICAGO\***

**(Colleges of Dentistry, Medicine, and Pharmacy)**

**1944—Summer Quarter**

June 26, Mon. . . . . Registration of undergraduates.  
 June 27, Tues. . . . . Instruction begins.  
 June 29, Thurs. . . . . Registration of graduate students.  
 July 4, Tues. . . . . Independence Day.  
 Sept. 16, Sat. . . . . Summer quarter ends.

\*The Monthly Calendar of meetings on the Chicago campus is issued for staff members in the Colleges of Dentistry, Medicine, and Pharmacy, and is posted on bulletin boards in University buildings.

## UNIVERSITY CALENDAR (Continued)

### 1944—Fall Quarter

Sept. 25, Mon.	Registration of undergraduates.
Sept. 26, Tues.	Instruction begins.
Sept. 28, Thurs.	Registration of graduate students.
Nov. 23, Thurs.	Thanksgiving Day.
Dec. 15, Fri.	Commencement exercises.
Dec. 16, Sat.	Fall quarter ends.

### 1945—Winter Quarter

Jan. 2, Tues.	Registration of undergraduates. (First-year class enrolls).
Jan. 3, Wed.	Instruction begins.
Jan. 4, Thurs.	Registration of graduate students.
March 24, Sat.	Winter quarter ends.

### 1945—Spring Quarter

March 26, Mon.	Registration of undergraduates.
March 27, Tues.	Instruction begins.
March 29, Thurs.	Registration of graduate students.
May 30, Wed.	Memorial Day.
June 16, Sat.	Spring quarter ends.

### 1945—Summer Quarter

June 25, Mon.	Registration of undergraduates.
June 26, Tues.	Instruction begins.
June 28, Thurs.	Registration of graduate students.
July 4, Wed.	Independence Day.
Sept. 15, Sat.	Summer quarter ends.

### 1945—Fall Quarter

Oct. 1, Mon.	Registration of undergraduates. (First-year class enrolls).
Oct. 2, Tues.	Instruction begins.
Oct. 4, Thurs.	Registration of graduate students.
Nov. 22, Thurs.	Thanksgiving Day.
Dec. 21, Fri.	Commencement exercises.
Dec. 22, Sat.	Fall quarter ends.

### 1946—Winter Quarter

Jan. 7, Mon.	Registration of undergraduates.
Jan. 8, Tues.	Instruction begins.
Jan. 10, Thurs.	Registration of graduate students.
March 30, Sat.	Winter quarter ends.

### 1946—Spring Quarter

April 1, Mon.	Registration of undergraduates.
April 2, Tues.	Instruction begins.
April 4, Thurs.	Registration of graduate students.
May 30, Thurs.	Memorial Day.
June 21, Fri.	Commencement exercises.
June 22, Sat.	Spring quarter ends.

### 1946—Summer Quarter

July 1, Mon.	Registration of undergraduates.
July 2, Tues.	Instruction begins.
July 3, Wed.	Registration of graduate students.
July 4, Thurs.	Independence Day.
Sept. 21, Sat.	Summer quarter ends.

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<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Deceased September 24, 1944.

<sup>3</sup>First semester.



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<sup>1</sup>Retirement effective April 1, 1945.

<sup>2</sup>Appointment as Commandant effective April 1, 1945.

<sup>3</sup>On leave of absence for war service.

**College of Dentistry**

808 South Wood Street

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Throughout this *Annual Register* names of staff members who are now (April, 1945) on leave of absence for war service are indicated by a footnote, without specifying the date of leave.

<sup>1</sup>Deceased December 3, 1944.

<sup>2</sup>Deceased April 16, 1945.

<sup>3</sup>Deceased January 1, 1945.

<sup>4</sup>Resigned as Secretary of the Senate, April 2, 1945.

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- MARIA LEONARD, A.M., Litt.D., Dean of Women

<sup>1</sup>On leave of absence as Head of the Department.<sup>2</sup>Recalled for active service.<sup>3</sup>On leave of absence for the year.



- HAROLD CLAYTON M. CASE, Ph.D., Professor of Agricultural Economics and Head of the Department<sup>1</sup>
- FREDERICK CHARLES BAUER, Ph.D., Professor of Soil Fertility
- ARTHUR MOSES BUSWELL, Ph.D., Research Professor of Chemistry<sup>2</sup>
- JAY COURTLAND HACKLEMAN, A.M., Professor of Crops Extension
- B. SMITH HOPKINS, Ph.D., D.Sc., LL.D., Professor of Inorganic Chemistry, *Emeritus*
- JOHN MABRY MATHEWS, Ph.D., Professor of Political Science
- JOHN ADDISON CLEMENT, Ph.D., Professor of Education, *Emeritus*
- WILLIAM EVERETT BRITTON, A.M., J.D., Professor of Law<sup>3</sup>
- EDWARD JOSEPH FILBEY, Ph.D., C.P.A., Professor of Accountancy
- WORTH HUFF RODEBUSH, Ph.D., Professor of Physical Chemistry
- FREDERIC ARTHUR RUSSELL, Ph.D., Professor of Business Organization and Operation
- WILLIAM ERNEST CARROLL, Ph.D., Professor of Swine Husbandry and Head of the Department of Animal Husbandry
- MAXWELL JAY DORSEY, Ph.D., Professor of Pomology and Head of the Department of Horticulture
- HAROLD EATON BABBITT, M.S., Professor of Sanitary Engineering
- NEIL CONWELL BROOKS, Ph.D., Professor of German, *Emeritus*
- ERNEST E. DE TURK, Ph.D., Professor of Soil Fertility
- HAROLD HANSON MITCHELL, Ph.D., Professor of Animal Nutrition
- RAYMOND STRATTON SMITH, Ph.D., Professor of Soil Physics
- OLIVER LEROY MCCASKILL, Ph.B., J.D., Professor of Law
- DONALD BARCOCK KEYES, Ph.D., Professor of Chemical Engineering<sup>4</sup>
- THEODORE CALVIN PEASE, Ph.D., Professor of History and Head of the Department
- ROBERT FRANCIS SEYBOLT, Ph.D., Professor of the History of Education
- SVEINBJORN JOHNSON, A.M., LL.B., LL.D., Professor of Law, *Emeritus*
- WHITNEY CLARK HUNTINGTON, M.S., C.E., Professor of Civil Engineering and Head of the Department
- JOHN STANLEY CRANDELL, B.S., C.E., Professor of Highway Engineering
- EVERETT GILLHAM YOUNG, M.S., M.E., Professor of Railway Mechanical Engineering
- ALBERT WILLIAM ARON, Ph.D., Professor of German and Head of the Department<sup>4</sup>
- ARNOLD EMCH, Ph.D., Professor of Mathematics, *Emeritus*
- CLARENCE WALTER HAM, M.E., Professor of Machine Design
- ARTHUR BEVERLY MAYS, A.M., Professor of Industrial Education
- JOSEPH ALBERT POLSON, B.S., M.E., Professor of Steam Engineering
- WARREN ALBERT RUTH, Ph.D., Professor of Pomological Physiology
- VICTOR ERNEST SHELFORD, Ph.D., Professor of Zoology<sup>5</sup>
- LAWRENCE WILLIAM MURPHY, A.M., Litt.D., Professor of Journalism
- DONALD REED TAFT, Ph.D., Professor of Sociology
- CARL HERBERT CASBERG, B.S., M.E., Professor of Mechanical Engineering
- THOMAS WHITFIELD BALDWIN, Ph.D., Professor of English
- ARTHUR WILBUR CLEVINGER, Ed.D., High School Visitor with the rank of Professor<sup>4</sup>
- ARTHUR BYRON COBLE, Ph.D., LL.D., Professor of Mathematics and Head of the Department
- WALTER JAMES GRAHAM, Ph.D., Professor of English<sup>6</sup>
- HERBERT WOODROW, Ph.D., Professor of Psychology and Head of the Department
- MERRILL ISAAC SCHNEBLY, A.B., J.D., J.S.D., Professor of Law
- GEORGE LINDENBERG CLARK, Ph.D., D.Sc., Professor of Chemistry
- GEORGE BATES WEISIGER, B.S., LL.B., J.D., Professor of Law
- ERNEST THEODORE HILLER, Ph.D., Professor of Sociology
- JOHN THEODORE BUCHHOLZ, Ph.D., Professor of Botany
- MERLIN HAROLD HUNTER, Ph.D., LL.D., Professor of Economics and Head of the Department
- FREDERIC EDWARD LEE, Ph.D., Professor of Economics
- FRANCIS WHEELER LOOMIS, Ph.D., Professor of Physics and Head of the Department<sup>4</sup>
- ARTHUR SAMUEL COLBY, Ph.D., Professor of Pomology
- MAUDE LEE ETHEREDGE, M.D., D.P.H., Professor of Hygiene and Medical Adviser for Women
- RALPH KENT HURSH, B.S., Professor of Ceramic Engineering
- CYRUS EDMUND PALMER, M.S., Professor of Architectural Engineering and Associate Dean of the College of Fine and Applied Arts

<sup>1</sup>On leave of absence for war service.<sup>2</sup>On leave of absence for the year<sup>3</sup>On leave of absence first semester.<sup>4</sup>On leave of absence until December 16, 1944.<sup>5</sup>On leave of absence beginning March 5, 1945.<sup>6</sup>Deceased September 21, 1944.

- CHRIS SIMEON RHODE, B.S., Professor of Dairy Husbandry Extension  
 WALDO SHUMWAY, Ph.D., Professor of Zoology<sup>1</sup>  
 JOSEPH TYKOCINSKI TYKOCINER, E.E., Research Professor of Electrical Engineering  
 HARLEY JONES VAN CLEAVE, Ph.D., Professor of Zoology  
 CLYDE MELVIN WOODWORTH, Ph.D., Professor of Plant Genetics  
 WILLIAM WOBIN YAPP, Ph.D., Professor of Dairy Cattle Husbandry  
 GUY ALAN TAWNEY, Ph.D., Professor of Philosophy, *Emeritus*  
 FREDERICK CHARLES DIETZ, Ph.D., Professor of History  
 HAROLD WRIGHT HOLT, A.B., LL.B., S.J.D., Professor of Law  
 PAUL VAN BRUNT JONES, Ph.D., Professor of History  
 CARL SHIPP MARVEL, Ph.D., Professor of Organic Chemistry  
 JAMES GARFIELD RANDALL, Ph.D., Professor of History  
 SEWARD CHARLE STALEY, Ph.D., Professor of Physical Education for Men, Head of the Department, and Director of the School of Physical Education<sup>1</sup>  
 WILLIAM OSCAR BLANCHARD, Ph.D., Professor of Geography  
 OTTO GEORGE SCHAFFER, B.S., Professor of Landscape Architecture and Head of the Department  
 STANLEY HART WHITE, M.L.A., Professor of Landscape Architecture  
 KARL BAPTISTE LOHMANN, M.L.A., Professor of Landscape Architecture  
 CLARENCE ARTHUR BERDAHL, Ph.D., Professor of Political Science and Chairman of the Department  
 ARTHUR FRANCIS DEAM, B.Arch., Professor of Architecture  
 THOMAS ELIOT BENNER, Ed.D., Professor of Education and Dean of the College of Education  
 FRANK WALBRIDGE DE WOLF, B.S., Professor of Geology and Head of the Department of Geology and Geography  
 FRED HAROLD TURNER, Ph.D., Dean of Students  
 GEORGE PHILIP TUTTLE, B.S., Registrar  
 HARRY WARREN ANDERSON, Ph.D., Professor of Pomological Pathology  
 PAUL D. CONVERSE, A.M., LL.D., Professor of Business Organization and Operation, and Research Professor in the Bureau of Economic and Business Research  
 HAROLD NEWCOMB HILLEBRAND, Ph.D., Professor of English and Head of the Department<sup>2</sup>  
 RANDOLPH PHILIP HOELSCHER, M.S., C.E., Professor of General Engineering Drawing  
 ANANIAS CHARLES LITTLETON, Ph.D., C.P.A., Professor of Accountancy and Research Professor in the Bureau of Economic and Business Research  
 HORACE JAMES MACINTIRE, M.M.E., Professor of Refrigeration  
 GEORGE WELLINGTON PICKELS, B.C.E., C.E., Professor of Civil Engineering<sup>3</sup>  
 FRANK ERWIN RICHART, M.S., C.E., Research Professor of Engineering Materials  
 WILLIAM H. SEVERNS, M.S., Professor of Mechanical Engineering<sup>4</sup>  
 JOHN VAN HORNE, Ph.D., Professor of Spanish and Italian and Head of the Department<sup>1</sup>  
 ARTHUR G. ANDERSON, C.E., Ph.D., Professor of Business Organization and Operation  
 HENRI JACOBUS VAN DEN BERG, Graduate, Royal Conservatory, Amsterdam, Professor of Music, *Emeritus*  
 REYNOLD CLAYTON FUSON, Ph.D., Professor of Organic Chemistry  
 CHARLES F. SCHLATTER, M.S., C.P.A., Professor of Accountancy  
 GEORGE FOSS SCHWARTZ, B.Mus., A.M., Professor of Music, *Emeritus*  
 ANDREW IRVING ANDREWS, Ph.D., Professor of Ceramic Engineering and Head of the Department  
 JAMES JOSEPH DOLAND, M.S., C.E., Professor of Civil Engineering and Supervising Engineer of the Airport  
 ABNER RICHARD KNIGHT, M.E., M.S., E.E., Professor of Electrical Engineering and Acting Head of the Department  
 WILLIAM JAMES PUTNAM, M.S., M.E., Professor of Theoretical and Applied Mechanics  
 THOMAS CLARK SHEDD, M.S., C.E., Professor of Structural Engineering  
 PAUL THOMAS YOUNG, Ph.D., Professor of Psychology  
 ARTHUR ROBERT CRATHORNE, Ph.D., Professor of Mathematics, *Emeritus*  
 JASPER OWEN DRAFFIN, M.S., Professor of Theoretical and Applied Mechanics  
 COLEMAN ROBERTS GRIFFITH, Ph.D., Professor of Education and Provost

<sup>1</sup>On leave of absence for war service.<sup>2</sup>On leave of absence.<sup>3</sup>Deceased December 2, 1944.<sup>4</sup>On leave of absence second semester.

- ROBERT R. HUDELSON, Ph.D., Professor of Agricultural Economics and Associate Dean of the College of Agriculture
- NEWLIN DOLBEY MORGAN, M.S., C.E., Professor of Architectural Engineering
- ELMER ROBERTS, Ph.D., Professor of Animal Genetics
- CHARLES LESLIE STEWART, Ph.D., D.Sc., Professor of Agricultural Economics
- CHARLES ALLYN WILLIAMS, Ph.D., Professor of German
- NEIL EVERETT STEVENS, Ph.D., Professor of Botany and Head of the Department
- CHARLES STEWART HAVENS, M.S., Director of the Physical Plant Department
- ROBERT BELL BROWNE, Ph.D., Associate Professor of Education, Director of University Extension, and Director of the Summer Semester
- GEORGE HARLAN DUNGAN, Ph.D., Professor of Crop Production
- WILLIAM BARBOUR NEVENS, Ph.D., Professor of Dairy Cattle Feeding
- LAURENCE JOSEPH NORTON, Ph.D., Professor of Agricultural Economics and Acting Head of the Department
- JULIET LITA BANE, A.M., D.Sc., Professor of Home Economics and Head of the Department
- EDWIN HEWETT REEDER, Ph.D., Professor of Education
- ROBERT CHILDERS ASHBY, Ph.D., Professor of Livestock Marketing
- REUEL RICHARD BARLOW, A.M., Professor of Journalism
- MARTIN LUTHER MOSHER, M.Agr., Professor of Farm Management Extension
- THOMAS ERWIN PHIPPS, Ph.D., Professor of Physical Chemistry<sup>1</sup>
- JOSEPH WARD SWAIN, Ph.D., Professor of History
- PAUL HUBERT TRACY, Ph.D., Professor of Dairy Manufactures
- JAMISON VAWTER, M.S., C.E., Professor of Civil Engineering
- CARROLL CARSON WILEY, B.S., C.E., Professor of Civil Engineering
- JOHN NELSON SPAETH, M.F., Ph.D., Professor of Forestry and Head of the Department
- ESSEL RAY DILLAVOU, A.M., J.D., Professor of Business Law
- HARRIS FRANCIS FLETCHER, Ph.D., Professor of English
- HERBERT MCNEE HAMLIN, Ph.D., Professor of Agricultural Education
- PETER GERALD KRUGER, Ph.D., Professor of Physics and Acting Head of the Department
- Mrs. ALTA GWINN SAUNDERS, A.M., Professor of Business English
- HENNING LARSEN, Ph.D., Professor of English and Acting Head of the Department
- ARTHUR EDWARD MURPHY, Ph.D., Professor of Philosophy and Head of the Department
- JAMES GROTE VAN DERPOOL, B.Arch., M.F.A., Professor of the History of Art and Head of the Department of Art
- JOSEPH FRANCIS JACKSON, Ph.D., Professor of French and Head of the Department
- LEVERETT ALLEN ADAMS, Ph.D., Professor of Zoology and Curator of the Museum of Natural History
- HENRY ROY BRAHANA, Ph.D., Professor of Mathematics
- HUGH ALEXANDER BROWN, M.S., E.E., Professor of Electrical Engineering<sup>2</sup>
- SLEETER BULL, M.S., Professor of Meats
- WILLIAM NELSON ESPY, M.S., Professor of Mechanical Engineering
- STANLEY WILLIAM HALL, B.S., Professor of Floriculture
- WILLIAM PATRICK HAYES, Ph.D., Professor of Entomology
- WALTER AUGUST HUELSEN, M.S., Professor of Vegetable Crops
- HENRY FRASER JOHNSTONE, Ph.D., Professor of Chemical Engineering
- WILLIAM GARFIELD KAMMLADE, Ph.D., Professor of Sheep Husbandry
- CHARLES MAYARD KNEIER, Ph.D., J.D., Professor of Political Science<sup>1</sup>
- JOHN OTTO KRAEHNBUHEL, M.S., E.E., Professor of Electrical Engineering
- OLIVER RALPH OVERMAN, Ph.D., Professor of Dairy Chemistry
- JOHN JAY PARRY, Ph.D., Professor of English
- HERBERT JOSEPH REICH, Ph.D., M.E., Professor of Electrical Engineering<sup>1</sup>
- FREDERICK STANLEY RODKEY, Ph.D., Professor of History<sup>3</sup>
- OGLE HESSE SEARS, Ph.D., Professor of Soil Biology and Counselor in the Student Personnel Bureau
- FRANCIS PARKER SHEPARD, Ph.D., Professor of Geology<sup>1</sup>
- GEORGE FREDERICK SMITH, Ph.D., Professor of Chemistry
- ROSCOE RAYMOND SNAPP, Ph.D., Professor of Beef Cattle Husbandry<sup>1</sup>
- JOHN CLYDE SPITLER, B.S., Professor of Agricultural Extension

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Deceased February 25, 1945.<sup>3</sup>On leave of absence first semester.

- GEORGE THOMAS STAFFORD, Ed.D., Professor of Physical Education for Men<sup>1</sup>  
 WALDEMAR JOSEPH TRJITZINSKY, Ph.D., Professor of Mathematics  
 ARTHUR GIBSON VESTAL, Ph.D., Professor of Botany  
 OSCAR FRIEDOLIN WEBER, Ph.D., Professor of Education  
 SAMUEL FREDERIC WILL, Ph.D., Professor of French  
 BERTHIER WESLEY FAIRBANKS, Ph.D., Professor of Swine Husbandry  
 FREDRICK SEATON SIEBERT, A.B., J.D., Professor of Journalism and Director of the  
 School of Journalism  
 FLORIAN WITOLD ZNANIECKI, Ph.D., Professor of Sociology  
 MAX BLACK, Ph.D., Professor of Philosophy  
 ERNEST THOMPSON ROBBINS, M.S.A., Professor of Animal Husbandry Extension  
 JOHN WILLIAM ALBIG, Ph.D., Professor of Sociology and Chairman of the Department<sup>2</sup>  
 HAROLD LEROY WALKER, M.S., Met.E., Professor of Metallurgical Engineering and  
 Head of the Department of Mining and Metallurgical Engineering  
 CARL GOTTFRIED HARTMAN, Ph.D., Professor of Zoology, Head of the Department of  
 Zoology and Physiology, and Chairman of the Division of Biological Sciences  
 LAFORCE BAILEY, M.S., B.P., Professor of Art  
 JOHN FRED BELL, Ph.D., Professor of Economics and Acting Director of the Bureau  
 of Economic and Business Research  
 CHARLES EARL BRADBURY, B.P., M.F.A., Professor of Art  
 PEMBROKE HOLCOMB BROWN, Ph.D., Professor of Economics  
 MRS. KATHRYN VAN AKEN BURNS, A.M., Professor of Home Economics  
 DEANE G. CARTER, M.S., Professor of Farm Structures  
 HORACE MONTGOMERY GRAY, Ph.D., McKinley Professor of the Economics of Public  
 Utilities and Assistant Dean of the Graduate School  
 TOM SHERMAN HAMILTON, Ph.D., Professor of Animal Nutrition  
 PAUL EVANS JOHNSTON, Ph.D., Professor of Agricultural Economics  
 GARRET LOWELL JORDAN, Ph.D., Professor of Agricultural Economics  
 ALAN KEMP LAING, A.B., B.S., Professor of Architecture  
 OTHO CLARKE LEITER, A.B., Professor of Journalism  
 FRANK MILLS LESCHER, B.S., Professor of Architecture  
 DAVID PHILIP LOCKLIN, Ph.D., Professor of Economics  
 RUSSELL HANCOCK MILES, M.Mus., Professor of Music  
 BEN EDWIN PERRY, Ph.D., Professor of the Classics  
 ROBERT COOKE ROSS, Ph.D., Professor of Farm Management  
 FRED ALBERT SHANNON, Ph.D., Professor of History  
 RAY IRIS SHAWL, M.S., Professor of Farm Machinery  
 FREDERICK GUY STRAUB, M.S., Met.E., Special Research Professor of Chemical Engi-  
 neering  
 SHERLOCK SWANN, JR., Ph.D., Research Professor of Chemical Engineering  
 FRANCIS GRAHAM WILSON, Ph.D., Professor of Political Science  
 ELMER JOSEPH WORKING, M.S., Professor of Agricultural Economics<sup>3</sup>  
 LEONARD CRAIG SPARKS, Colonel, Field Artillery, Professor of Military Science and  
 Tactics, and Commandant<sup>4</sup>  
 CECIL VINCENT DONOVAN, B.P., M.F.A., Professor of Art<sup>5</sup>  
 BENJAMIN KOEHLER, Ph.D., Professor of Crop Pathology  
 ROBERT BINGHAM DOWNS, M.S., Litt.D., Professor of Library Science, Director of the  
 Library, and Director of the Library School  
 GERALD MARKS ALMY, Ph.D., Professor of Physics  
 JOHN CHRISTIAN BAILAR, JR., Ph.D., Professor of Chemistry and Department Secretary  
 ROLAND WILLEY BARTLETT, Ph.D., Professor of Agricultural Economics  
 DWIGHT GRANVILLE BENNETT, B.S., Special Research Professor of Ceramic Engineering  
 MAURICE KENDALL FAHNESTOCK, M.S., Research Professor of Mechanical Engineering  
 and Assistant Director of the Engineering Experiment Station  
 DILMAN WALTER GOTSHALK, Ph.D., Professor of Philosophy  
 GLENN DEVERE HIGGINSON, Ph.D., Professor of Psychology  
 CHARLES ALVA KEENER, M.S., E.E., Professor of Electrical Engineering  
 DONALD WILLIAM KERST, Ph.D., Professor of Physics<sup>1</sup>  
 DAVID EDGAR LINDSTROM, Ph.D., Professor of Rural Sociology  
 NATHAN MORTIMORE NEWMARK, Ph.D., Research Professor of Civil Engineering<sup>6</sup>

<sup>1</sup>On leave of absence for war service.<sup>2</sup>On leave of absence until January 1, 1945.<sup>3</sup>On leave of absence second semester.<sup>4</sup>On leave of absence first semester.<sup>5</sup>Retirement effective April 1, 1945.<sup>6</sup>On leave of absence until January 20, 1945.

- NELLIE LOUISE PERKINS, Ph.D., Professor of Home Economics  
 JOHN HENRY REEDY, Ph.D., Professor of Chemistry  
 DAVID GERALD RYAN, M.S., M.E., Professor of Mechanical Engineering  
 JESSE SAMPSON, D.V.M., Ph.D., Professor of Veterinary Physiology  
 HERMAN JOHN SCHRADER, M.S., Research Professor of Applied Mechanics  
 CLIFFORD HARRY SPRINGER, M.S., C.E., Professor of General Engineering Drawing  
 EDWARD EMERSON STAFFORD, B.S., Dean of Men  
 HAROLD D. TRIMBLE, A.M., Acting High School Visitor  
 DAVID CLEVELAND WIMER, Ph.D., Professor of Soil Physics  
 SEICHI KONZO, M.S., Special Research Professor of Mechanical Engineering  
 MARIETTA STEVENSON (Mrs. LOUIS LIVINGSTON), Ph.D., Professor and Director of Social Welfare Administration  
 RALPH VICTOR HUSSONG, Ph.D., Professor of Dairy Bacteriology  
 ENRIQUE RODRÍGUEZ FABREGAT, (National School of Professors, Montevideo), Visiting Professor of Spanish<sup>1</sup>  
 SIDNEY ERWIN GLENN, Ph.D., Associate Professor of English and Director of the Division of Special Services for War Veterans  
 FRANK BOLTON ADAMSTONE, Ph.D., Professor of Zoology  
 REINHOLD BAER, Ph.D., Professor of Mathematics  
 ORVILLE THOMAS BONNETT, Ph.D., Professor of Plant Genetics  
 LELAND JOHN HAWORTH, Ph.D., Professor of Physics<sup>2</sup>  
 WILLIAM GRIFFITH HILL, A.M., M.Mus., Professor of Music  
 RICHARD ROKSABRO KUDO, D.Sc., Professor of Zoology  
 HAROLD MEADE MOTT-SMITH, Ph.D., Professor of Physics<sup>2</sup>  
 HENRY SHELDON STILLWELL, M.S., Associate Professor of Aeronautical Engineering and Head of the Department  
 ROGER HAMMOND BRAY, Ph.D., Professor of Soil Fertility  
 WILLIAM LITTELL EVERITT, E.E., Ph.D., Professor of Electrical Engineering and Head of the Department  
 JANICE MINERVA SMITH, Ph.D., Professor of Nutrition  
 SERGIO JOSÉ BAGÚ, A.B., Visiting Professor of Spanish<sup>3</sup>  
 ERNEST OLIVER HERREID, Ph.D., Professor of Dairy Manufactures<sup>3</sup>  
 CHESTER OSCAR JACKSON, Ed.D., Associate Professor of Physical Education for Men and Acting Director of the School of Physical Education  
 CHARLES ALBERT CHAPMAN, B.S., Colonel, Coast Artillery, Professor of Military Science and Tactics, and Commandant  
 BEULAH MAY ARMSTRONG, Ph.D., Associate in Mathematics<sup>4</sup>  
 FRANK HERMAN BEACH, Ph.D., Associate Professor of Business Organization and Operation<sup>4</sup> and Secretary of the Senate Committee on Student Discipline<sup>3</sup>  
 MILDRED RUTH CHAPIN, M.S., Associate in Home Economics and Counselor in the Student Personnel Bureau<sup>4</sup>  
 CAMERON CHARLES GULLETTE, Ph.D., Associate Professor of French<sup>4</sup>  
 ROBERT PHILLIP HACKETT, Ph.D., Associate Professor of Accountancy and Assistant Dean of the College of Commerce and Business Administration<sup>4</sup>  
 LAURA JEWEL HUELSTER, A.M., Assistant Professor of Physical Education for Women<sup>4</sup>  
 DONALD LORENZO KEMMERER, Ph.D., Assistant Professor of Economics<sup>4</sup>  
 VELMA IRENE KITCHELL, B.Mus., A.M., Assistant Professor of Music Education<sup>4</sup>  
 ALVIN LEONARD LANG, M.S., Associate Chief in the Soil Experiment Fields<sup>4</sup>  
 DOUGLAS RAYMOND MILLS, B.S., Assistant Professor of Physical Education for Men and Director of Intercollegiate Athletics<sup>4</sup>  
 GERALD EVERETT MOORE, Ph.D., Associate Professor of Mathematics and Assistant Dean of the College of Liberal Arts and Sciences<sup>4</sup>  
 CECIL A. MOYER, Ph.D., C.P.A., Assistant Professor of Accountancy<sup>4</sup>  
 HALE LLOYD NEWCOMER, Ph.D., C.P.A., Assistant Professor of Accountancy<sup>4</sup>  
 RUSSELL MARION NOLEN, Ph.D., Assistant Professor of Economics<sup>4</sup>  
 WILLIAM ALBERT OLIVER, M.S., C.E., Associate Professor of Civil Engineering<sup>4</sup>  
 EDWARD FREDERICK POTTHOFF, Ph.D., Associate Professor of Education and Educational Consultant in the Provost's Office<sup>4</sup>  
 CHARLES WALTER ROBERTS, Ph.D., Associate Professor of English and Executive Secretary of the Department<sup>4</sup>

<sup>1</sup>Resigned.<sup>2</sup>On leave of absence for war service.<sup>3</sup>Second semester.<sup>4</sup>Member of Senate by virtue of membership on Senate committee.

CHARLES WILSON SANFORD, Ph.D., Associate Professor of Education and Coordinator of Teacher Education<sup>1</sup>  
 BUNNIE OTHANEL SMITH, Ph.D., Associate Professor of Education<sup>1</sup>  
 CLYDE FRANK SNIDER, Ph.D., Associate Professor of Political Science<sup>1</sup>  
 RAYMOND PHINEAS STEARNS, Ph.D., Associate Professor of History and Chairman of the Division of Social Sciences<sup>1</sup>  
 JANET LOUISE WESTON, Ph.D., Associate in Economics and Counselor in the Student Personnel Bureau<sup>1</sup>  
 LEWIS WARD WILLIAMS, Ph.D., Assistant Professor of Education and Secretary of the Senate Committee on Appointment of Teachers<sup>1</sup>  
 KARL ALBERT WINDESHEIM, Ph.D., Assistant Professor of Speech<sup>1</sup>

### Associate Professors

ARETAS WILBUR NOLAN, Ph.D., Associate Professor of Agricultural Education, *Emeritus*  
 WILLIAM EDWARD BURGE, Ph.D., Associate Professor of Physiology  
 WILLIAM FREDERICK SCHULZ, E.E., Ph.D., Associate Professor of Physics, *Emeritus*  
 FRANCES SIMPSON, B.L.S., M.L., Associate Professor of Library Economy and Assistant Director of the Library School, *Emerita*  
 ROY HAROLD WILCOX, M.S., Associate Professor of Farm Management  
 OLIVE CLIO HAZLETT, Ph.D., Associate Professor of Mathematics<sup>2</sup>  
 CHARLES WATTERS ODELL, Ph.D., Associate Professor of Education  
 MATTHEW RUTHERFORD RIDDELL, B.A.Sc., Associate Professor of Aeronautical Engineering and Assistant to the Director of the Engineering Experiment Station  
 FREDERICK FRANCIS WEINARD, Ph.D., Associate Professor of Floricultural Physiology  
 ELMER HOWARD WILLIAMS, Ph.D., Associate Professor of Experimental Physics  
 ARTHUR HAMILTON, Ph.D., Associate Professor of Spanish  
 NEWTON EDWARD ENSIGN, M.A., Associate Professor of Theoretical and Applied Mechanics  
 THOMAS EDWARD O'DONNELL, M.S., M.Arch., Associate Professor of Architecture  
 ROBERT FREDERICK PATON, Ph.D., Associate Professor of Physics  
 JOSEF FRANKLIN WRIGHT, A.B., Associate Professor of Journalism, Director of Public Information, and Director of the Radio Station  
 ERNEST ALEXANDER REID, M.S., E.E., Associate Professor of Electrical Engineering  
 EDWIN LEDGAR THEISS, Ph.D., C.P.A., Associate Professor of Accountancy  
 JOHN KLINE TUTHILL, B.S., E.E., Associate Professor of Railway Electrical Engineering  
 EDWARD HARDENBERGH WALDO, M.S., E.E., Associate Professor of Electrical Engineering, *Emeritus*  
 HENRY HEATON BAILY, A.M., C.P.A., Associate Professor of Accountancy  
 VICTOR WENDELL KELLEY, Ph.D., Associate Professor of Horticulture Extension  
 PAUL NISSLEY LANDIS, Ph.D., Associate Professor of English  
 ROBERT BRUCE WEIRICK, Ph.D., Associate Professor of English  
 ETHEL BOND, A.B., B.L.S., Associate Professor of Library Science  
 ANNE MORRIS BOYD, B.L.S., Associate Professor of Library Science  
 DUANE TAYLOR ENGLIS, Ph.D., Associate Professor of Chemistry  
 WAYLAND MAXFIELD PARRISH, Ph.D., Associate Professor of Speech  
 ARTHUR WELLESLEY SECORD, Ph.D., Associate Professor of English  
 JAMES HOLLEY BARTLETT, Ph.D., Associate Professor of Theoretical Physics  
 JOHN ANGUS NICHOLSON, Ph.D., Associate Professor of Philosophy  
 SHERMAN SCHOONMAKER, M.Mus., Associate Professor of Music  
 ARLE HERBERT SUTTON, Ph.D., Associate Professor of Geology<sup>3</sup>  
 HAROLD ROLLIN WANLESS, Ph.D., Associate Professor of Geology  
 CHESTER REED ANDERSON, A.M., Associate Professor of English  
 LUDWIG FREDERICK AUDRIETH, Ph.D., Associate Professor of Chemistry<sup>4</sup>  
 WALTER VALENTINE BALDUF, Ph.D., Associate Professor of Entomology  
 FLOYD HAMILTON CRANE, M.S., Associate Professor of Soil Fertility  
 FRANK GREENE DICKINSON, Ph.D., Associate Professor of Economics  
 ARTHUR FARWELL DODGE, Ph.D., Associate Professor of Industrial Education  
 VICTOR EUGENE FERRALL, A.B., J.D., J.S.D., Associate Professor of Law<sup>3</sup>

<sup>1</sup>Member of Senate by virtue of membership on Senate committee.

<sup>2</sup>On leave of absence for six months beginning November 15, 1944.

<sup>3</sup>On leave of absence for the year. <sup>4</sup>On leave of absence for war service.

- JOHN THEODORE GEISSENDOERFER, Ph.D., Associate Professor of German  
 FREDERICK JOHNSON KEILHOLZ, B.S., Associate Professor of Agricultural Extension<sup>1</sup>  
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 BENJAMIN FINLEY TIMMONS, Ph.D., Associate Professor of Sociology  
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 HAROLD HOMER ANDERSON, Ph.D., Associate Professor of Psychology  
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 HARRY JAMES FULLER, Ph.D., Associate Professor of Botany<sup>2</sup>  
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 Dean of the College of Liberal Arts and Sciences in charge of the Division of  
 General Studies  
 VERNON PETER JENSEN, Ph.D., Research Associate Professor of Theoretical and Ap-  
 plied Mechanics<sup>2</sup>  
 SAMUEL CHARLES KENDEIGH, Ph.D., Associate Professor of Zoology  
 HUBERT KESSLER, Ph.D., Associate Professor of Music  
 FRANCIS MARION PORTER, M.S., Associate Professor of General Engineering Drawing  
 WILLIAM HORACE RAYNER, C.E., M.S., Associate Professor of Civil Engineering  
 WILLIAM HUNT SCHEICK, M.S., Associate Professor of Architecture  
 WILLIAM LOUIS SCHWALBE, M.S., Associate Professor of Theoretical and Applied  
 Mechanics  
 ROBERT SERBER, Ph.D., Associate Professor of Physics<sup>2</sup>  
 FREDERIC RUSSELL STEGGERDA, Ph.D., Associate Professor of Physiology  
 LYELL JAY THOMAS, Ph.D., Associate Professor of Zoology  
 GEORGE IRA WALLACE, Ph.D., Associate Professor of Bacteriology and Secretary of the  
 Senate Committee on Student Discipline<sup>3</sup>  
 RAYMOND CLARENCE WERNER, Ph.D., Associate Professor of History  
 ARTHUR LEIGHTON YOUNG, M.S., Associate Professor of Farm Power  
 ALFRED EARL BADGER, Ph.D., Research Associate Professor of Ceramic Engineering  
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 KENNETH DEAN BENNE, A.M., Associate Professor of Education<sup>2</sup>  
 DAVID GORDON BOURGIN, Ph.D., Associate Professor of Mathematics  
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 JULIAN ROBERT FELLOWS, M.S., Associate Professor of Mechanical Engineering  
 JOHN ELDON GIESEKING, Ph.D., Associate Professor of Soil Physics  
 MORITZ GOLDHABER, Ph.D., Associate Professor of Physics  
 CLYDE WILSON KEARNS, Ph.D., Associate Professor of Entomology

<sup>1</sup>Resigned.      <sup>2</sup>On leave of absence for war service.<sup>3</sup>Secretary of Discipline Committee first semester.

PIERCE WADDELL KETCHUM, Ph.D., Associate Professor of Mathematics<sup>1</sup>  
 WALLACE MONROE LANSFORD, M.S., C.E., Associate Professor of Theoretical and Applied Mechanics  
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 WALTER LAIDLAW ROOSA, A.B., Associate Professor of Music  
 HAROLD RAY SNYDER, Ph.D., Associate Professor of Chemistry  
 LEWIS FRANCIS STIEG, Ph.D., Associate Professor of Library Science and Assistant Director of the Library School  
 FREDERICK THEODORE WALL, Ph.D., Associate Professor of Chemistry  
 WILLIAM GEORGE KREGER, Major, Infantry, Associate Professor of Military Science and Tactics  
 JANE CHURCHILL WATT, A.B., M.Mus., Associate Professor of Music  
 MAX ALBERT FAUCETT, M.S., E.E., Associate Professor of Electrical Engineering  
 BENJAMIN VINCENT HALL, Ph.D., Associate Professor of Zoology  
 RALPH CARROLL HAY, B.S., Associate Professor of Agricultural Engineering Extension  
 MELVIN HENDERSON, M.S., Associate Professor of Vocational Agriculture  
 FREDRICK ADOLPH PETERSEN, M.S., Special Research Associate Professor of Ceramic Engineering  
 HAROLD WILLIAM SCOTT, Ph.D., Associate Professor of Geology  
 LETITIA WALSH, A.M., Associate Professor of Home Economics Education  
 OREN LESLIE WHALIN, Ph.D., Associate Professor of Agricultural Extension  
 CLIFFORD MARTIN ANDREWS, B.S., Special Research Associate Professor of Ceramic Engineering  
 KATHARINE NEWKIRK HANDLEY, A.M., M.S.W., Associate Professor of Social Welfare Administration  
 HIRAM FREDERICK THUT, Ph.D., Visiting Associate Professor of Botany  
 LEWIS CAPERS BRANSCOMB, JR., A.M., Associate Professor of Library Science and Assistant University Librarian for Public Service Departments  
 HARVEY WILBORN HUEGY, Ph.D., Associate Professor of Business Organization and Operation

#### Assistant Professors

HARRIET THOMPSON BARTO, A.M., Assistant Professor of Dietetics  
 CLARISSA RINAHER, Ph.D., Assistant Professor of English  
 FANNIE MARIA BROOKS, A.B., R.N., Assistant Professor of Health Education  
 EDNA ELLIOTT WALLS, A.M., Assistant Professor of Child Development and Parent Education Extension  
 HARRY LEVY, Ph.D., Assistant Professor of Mathematics  
 GRACE BESSELENE ARMSTRONG, A.M., Assistant Professor of Foods and Nutrition Extension  
 ARTHUR BERESFORD, Assistant Professor of Music, *Emeritus*  
 CLYDE MAURICE LINSLEY, M.S., Assistant Professor of Soils Extension  
 E. EVELYN SMITH, A.M., Assistant Professor of Institution Management  
 DAISY LUANA BLAISDELL, A.M., Assistant Professor of German, *Emerita*  
 LOUISE BURNHAM DUNBAR, Ph.D., Assistant Professor of History<sup>2</sup>  
 MARTHA JACKSON KYLE, A.M., Assistant Professor of English, *Emerita*  
 VERN G. MILUM, Ph.D., Assistant Professor of Entomology  
 MARY FLORENCE LAWSON, M.S., Assistant Professor of Physical Education for Women  
 IRVING LEONARD PETERSON, B.S., Assistant Professor of Landscape Architecture  
 FLORENCE BELL ROBINSON, M.L.D., Assistant Professor of Landscape Architecture  
 VIRGINIA HOYT WEAVER, A.M., Assistant Professor of Home Economics  
 OLAF STAVSING FJELDE, A.M., Assistant Professor of Architecture  
 W. RUSSELL TYLOR, Ph.D., Assistant Professor of Sociology  
 WILLIAM DARBY TEMPLEMAN, Ph.D., Assistant Professor of English  
 MRS. NELL C. B. JOHNSTON, A.M., Litt.D., Assistant Professor of Education  
 EDWARD EZRA BAUER, M.S., C.E., Assistant Professor of Civil Engineering  
 EDWARD WILLIAM DOLCH, Ph.D., Assistant Professor of Education  
 PAUL EMILE JACOB, Ph.D., Assistant Professor of French  
 JOHN LORENCE PAGE, Ph.D., Assistant Professor of Geography  
 GEORGE WILLIAM REAGAN, Ph.D., Assistant Professor of Education  
 CARITA M. ROBERTSON, A.M., Assistant Professor of Physical Education for Women

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence first semester.



- MARIE MILLER HOSTETTER, B.L.S., A.M., Assistant Professor of Library Science<sup>1</sup>  
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 CARL ERIC SKRODER, M.S., Assistant Professor of Electrical Engineering  
 FREDERICK LYLE WYND, Ph.D., Assistant Professor of Botany  
 JOHN REGINALD RICHARDSON, Ph.D., Assistant Professor of Physics<sup>2</sup>  
 LEON ALFRED PENNINGTON, Ph.D., Assistant Professor of Psychology<sup>2</sup>  
 FRANK HERSCHEL FINCH, Ph.D., Assistant Professor of Education  
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 DOROTHY ELIZABETH BOWEN, B.Mus., Assistant Professor of Music  
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 lurgical Engineering  
 MARY LOUISE CHASE, A.M., Assistant Professor of Home Economics Extension  
 FRANCIS MATTHEW CLARK, Ph.D., Assistant Professor of Bacteriology  
 WILLIAM LEIGHTON COLLINS, M.S., Assistant Professor of Theoretical and Applied  
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 CHALMERS WOODRUFF CRAWFORD, B.S., Assistant Professor of Horse Husbandry  
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 EDNA RUTH GRAY, A.B., B.S., Assistant Professor of Clothing Extension  
 CHARLES BANNER HAGAN, Ph.D., Assistant Professor of Political Science  
 STANLEY GILBERT HALL, M.S., Assistant Professor of General Engineering Drawing  
 WILBER EUGENE HARNISH, A.M., Assistant Professor of Education and Head of the  
 Department of Science in University High School  
 THOMAS WILLARD HARRELL, Ph.D., Assistant Professor of Psychology<sup>2</sup>  
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 HERBERT PENZL, Ph.D., Assistant Professor of German<sup>2</sup>  
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<sup>1</sup>On leave of absence for the year.<sup>2</sup>On leave of absence for war service.

- WILLIAM COULTER ROBB, A.M., J.D., LL.M., Assistant Professor of Economics and Assistant Dean of the College of Commerce and Business Administration
- CARL EDWARD SCHUBERT, B.S., Assistant Professor of Mechanical Engineering<sup>1</sup>
- ANNA WINIFRED SEARL, A.M., Assistant Professor of Home Economics Extension
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- CAROLINE FRANCES TUPPER, Ph.D., Assistant Professor of English
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- JOHN B. WINGERT, M.S., Assistant Professor of Floriculture<sup>2</sup>
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- DUANE ADAMS BRANIGAN, M.Mus., Assistant Professor of Music and Counselor in the Student Personnel Bureau
- STANLEY FLETCHER, B.Mus., Assistant Professor of Music<sup>1</sup>
- BRUCE RUTLEDGE FOOTE, B.Mus., Assistant Professor of Music<sup>3</sup>
- JAMES DENTON HOGAN, A.B., Assistant Professor of Art<sup>2</sup>
- JOHN WILLIAM KENNEDY, A.B., Assistant Professor of Art
- WILBUR MARSHALL LUCE, Ph.D., Assistant Professor of Zoology
- RUSSELL SCOTT STAUFFER, Ph.D., Assistant Professor of Soil Physics
- LOUISE MARIE WOODROOFE, B.P., Assistant Professor of Art
- ARCHIBALD WATSON ANDERSON, Ph.D., Assistant Professor of Education
- RAYMOND ELIOT, A.M., Assistant Professor of Physical Education for Men
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- BRICE HARRIS, Ph.D., Assistant Professor of English
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- GLENN MYERS BLAIR, Ph.D., Assistant Professor of Education
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- HAROLD A. SCHULTZ, A.M., Assistant Professor of Art Education<sup>2</sup>
- JOHN ELMO SWEET, M.S., Assistant Professor of Architecture<sup>2</sup>
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<sup>1</sup>On leave of absence first semester.<sup>2</sup>On leave of absence for war service.<sup>3</sup>On leave of absence for the year.<sup>4</sup>Deceased September 24, 1944.

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WILLIAM O. STANLEY, A.M., Visiting Assistant Professor of Education  
JAMES WARREN STEWART, M.S., Assistant Professor of Mining Engineering  
JOHN ELLIOT WILLS, Ph.D., Assistant Professor of Agricultural Economics Extension  
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Materials  
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RICHARD HENRY BOLT, Ph.D., Assistant Professor of Physics<sup>2</sup>  
JACOB GERALD CASH, M.S., Assistant Professor of Dairy Husbandry Extension  
JOSEPHINE HUGHES CHANLER, Ph.D., Assistant Professor of Mathematics  
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JAKE LUTHER KRIDER, Ph.D., Assistant Professor of Swine Husbandry  
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HENRY JARVIS MILES, Ph.D., Assistant Professor of Mathematics  
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ANDREW VLADIMIR NALBANDOV, Ph.D., Assistant Professor of Animal Physiology  
EARL HUBERT REGNIER, M.S., Assistant Professor of Rural Sociology Extension and  
of Radio Extension  
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LESLIE FERRIS STICE, B.S., Assistant Professor of Agricultural Economics Extension  
ALFRED UHNO THOR, M.S., Assistant Professor of Agronomy Extension

<sup>1</sup>On leave of absence for war service.      <sup>2</sup>Resigned.<sup>3</sup>Appointment in University Extension for first semester.

- EDITH M. USRY, A.M., B.Mus., Assistant Professor of Music  
 EARL REEVES WASSERMAN, Ph.D., Assistant Professor of English<sup>1</sup>  
 BRAYTON LADD WEAVER, M.S., Assistant Professor of Vegetable Crops  
 JOHN HENRY GARLAND, Ph.D., Assistant Professor of Geography  
 ELMER NEWTON SEARLS, M.S., Assistant Professor of Agricultural Economics Extension  
 EUGENE J. ST. MARIE, B.S., Captain, Field Artillery, Assistant Professor of Military Science and Tactics  
 KEITH HARRY HINCHCLIFF, M.S., Assistant Professor of Agricultural Engineering Extension  
 HALDANE WESLEY BEAN, M.S., Assistant Professor of Animal Husbandry, Assistant to the Dean of the College of Agriculture, and Assistant to the Director of the Agricultural Experiment Station  
 IRWIN AUGUST BERG, Ph.D., Assistant Professor of Psychology, and Clinical Counselor and Psychometrist in the Student Personnel Bureau  
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 CHARLES ACHILLE DIETEMANN, B.F.A., Assistant Professor of Art  
 ROBERT PAUL FISCHER, Ph.D., Assistant Professor of Psychology and Examining Psychologist in the Division of General Studies  
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 WILLIA KATHRYN GARVER, B.L.S., Assistant Professor of Library Science and Assistant University Librarian for Acquisitions  
 WILLIAM MICHAEL GILBERT, Ph.D., Assistant Professor of Psychology and Assistant Director of the Student Personnel Bureau  
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 GEORGE NEVILLE JONES, Ph.D., Assistant Professor of Botany  
 ROBERT PETER LARSEN, Ph.D., Assistant Professor of Psychology and Clinical Counselor in the Student Personnel Bureau  
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#### Associates

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 LEO THOMAS JOHNSON, A.B., Associate in Physical Education for Men  
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 EDWARD W. SUPPIGER, Ph.D., Associate in Theoretical and Applied Mechanics<sup>1</sup>  
 GLENN PERCIVAL HASKELL, Ph.D., Associate in English  
 CLIFFORD WILLIAM MENDEL, Ph.D., Associate in Mathematics  
 MRS. LEAH FULLENWIDER TRELEASE, A.M., Associate in English and Counselor in the  
 Student Personnel Bureau  
 FLOYD BALCH HAWORTH, Ph.D., Associate in Economics  
 MRS. GLENNA HENDERSON LAMKIN, M.S., Associate in Home Economics  
 ERICH ANDREW AHRENS, A.B., Associate in Sociology  
 JAMES ELLIOTT BRANCH, M.S., Associate in Architecture<sup>1</sup>  
 CARLETON ABRAMSON CHAPMAN, Ph.D., Associate in Geology<sup>1</sup>  
 LANSON FREDERICK DEMMING, M.Mus., Associate in Music and Director of Music for  
 the Radio Station  
 STELLA MARY HAGUE, Ph.D., Associate in Botany, *Emerita*  
 HAROLD CAMERON PATERSON, B.S., Associate in Physical Education for Men  
 RUSSELL HARLAN REED, B.S., Associate in Agricultural Engineering<sup>1</sup>  
 WILLIAM H. YOUNG, Associate in Agricultural College Extension, *Emeritus*  
 RICHARD JAMES DUFFIN, Ph.D., Associate in Mathematics<sup>1</sup>  
 HERBERT EDWARD VAUGHAN, Ph.D., Associate in Mathematics  
 FRANCES OLIVIA VAN DUYN, Ph.D., Associate in Home Economics  
 LOUIS LAFORCE MCQUITTY, Ph.D., Associate in Psychology<sup>1</sup>  
 ROBERT GEHLMANN BONE, Ph.D., Associate in History<sup>1</sup>  
 EDWARD LOUIS BROGHAMER, M.S., M.E., Associate in Mechanical Engineering<sup>1</sup>  
 HERMAN BURLEIGH CHASE, Ph.D., Associate in Zoology  
 CHARLES WILSON COLMAN, Ph.D., Associate in French  
 JOHN TODD COWLES, Ph.D., Associate in Psychology<sup>1</sup>  
 MARVIN ROBERT DOBBERMAN, M.S., Associate in Architecture<sup>2</sup>  
 WALTER PHILLIPP ELHARDT, Ph.D., Associate in Physiology  
 GUSTAV ERNST GIESECKE, Ph.D., Associate in German<sup>1</sup>  
 MARIO JOSEPH GOGLIA, M.E., M.S., Associate in Mechanical Engineering  
 PAUL GUY JONES, M.S., Associate in Theoretical and Applied Mechanics  
 GILBERT CLARENCE KETTELKAMP, Ph.D., Associate in Education and Head of the De-  
 partment of Foreign Languages in University High School  
 DONALD HEATHFIELD KRANS, M.S., Associate in Mechanical Engineering<sup>1</sup>  
 OTTO ERICH KUGLER, Ph.D., Associate in Zoology  
 DRIVER BRADSHAW LINDSAY, M.S., Associate in Architecture  
 JOHN CLEM MILES, M.S., M.E., Associate in Mechanical Engineering  
 CHARLES EDWIN ODEGAARD, Ph.D., Associate in History<sup>1</sup>  
 STANLEY HOLT PIERCE, M.S., Associate in General Engineering Drawing<sup>1</sup>  
 EDWIN CARTER RAE, A.M., Associate in Art<sup>1</sup>  
 TRUE WILLIAM ROBINSON, Ph.D., Associate in Zoology<sup>1</sup>  
 CHARLES HARLEN SHATTUCK, Ph.D., Associate in English  
 JAMES ROSS SHIPLEY, B.F.A., B.S., Associate in Art  
 GUY DONALD SMITH, Ph.D., Associate in Soil Physics<sup>1</sup>  
 JAMES OHREA SMITH, A.M., Associate in Theoretical and Applied Mechanics<sup>1</sup>  
 KATHRYN JANIE SUTHERLIN, A.B., Associate in Music<sup>2</sup>  
 CARL SWENSSON VESTLING, Ph.D., Associate in Chemistry  
 MRS. NETTIE CRADDOCK ESSELBAUGH, Ph.D., Associate in Home Economics

<sup>1</sup>On leave of absence for war service.<sup>2</sup>On leave of absence for the year.

- JAMES HAROLD ELDSON, Ph.D., Associate in Spanish<sup>1</sup>  
CLEO FITZSIMMONS, Ph.D., Associate in Home Economics  
REVILO PENDLETON OLIVER, Ph.D., Associate in the Classics and in Spanish<sup>1</sup>  
EMMETT EZEKIEL ORMISTON, M.S., Associate in Dairy Production<sup>1</sup>  
HENRY IRVING TEIGLER, B.S., M.D., Associate in Hygiene and Medical Adviser for Men  
EVERETT LINUS WELKER, Ph.D., Associate in Mathematics  
FRANCIS SEYFARTH, M.S., Associate in Mechanical Engineering<sup>1</sup>  
WILLIAM EDWARD LYNCH, First Lieutenant, Army of the United States, Associate in  
Military Science and Tactics  
MELANCTHON HERBERT ALEXANDER, M.S., Associate in Dairy Husbandry  
JOHN THOMAS HASTINGS, Ph.D., Associate in Education and Personnel, and Technical  
Director of the High School Testing Bureau  
MADELYN WOMACK, Ph.D., Special Research Associate in Chemistry  
GLADYS ELSWORTH ANDREWS, M.S., Associate in Education and in Physical Education  
for Women, and Teacher of Physical Education in University High School<sup>1</sup>  
GRACE BECKETT, Ph.D., Associate in Economics  
FLORENCE CAROLINE BODENBACH, M.S., Associate in Home Economics Education  
OLIVER KENNETH BOWER, Ph.D., Associate in Mathematics  
LEONARD BRISTOW, Ph.D., Associate in Mathematics  
DORIS JANE BROCKWAY, A.M., Associate in Home Economics  
MAHLON MARSH DAY, Ph.D., Associate in Mathematics<sup>1</sup>  
EARL JOSEPH ECKEL, B.S., Associate in Metallurgical Engineering  
ROBERT LOEFFLER FRANK, Ph.D., Associate in Chemistry  
MARGARET ROSE GOODYEAR, M.S., Associate in Home Economics  
SETH HAMMOND, Ph.D., Associate in Economics<sup>2</sup>  
JOHN HENRY HETRICK, M.S., Associate in Dairy Manufactures  
WOLFGANG KUHN, M.S., Associate in Music Education  
GEORGE MANNER, Ph.D., Associate in Political Science  
ERNST GARLAND MATHEWS, Ph.D., Associate in English  
JOSEPH LAWRENCE McCONNELL, Ph.D., Associate in Economics<sup>1</sup>  
SHERMAN GRANT MENEFFEE, Ph.D., Associate in Dairy Chemistry  
JOSEPH WILLIAM PETERS, Ph.D., Associate in Mathematics  
JOHN HUBERT RAMSER, B.S., Associate in Agricultural Engineering  
BERNARD GORDON RICKETTS, M.S., Associate in Metallurgical Engineering<sup>1</sup>  
ENID SCHNAUBER, M.S., Associate in Physical Education for Women<sup>1</sup>  
HURST HUGH SHOEMAKER, Ph.D., Associate in Zoology and Counselor in the Student  
Personnel Bureau  
MULFORD QUICKERT SIBLEY, Ph.D., Associate in Political Science  
ANDREW WOOD KAISER, B.S., First Lieutenant, Adjutant General's Department, Asso-  
ciate in Military Science and Tactics  
VAIL HALL MOORE, B.S., Associate in Physics<sup>3</sup> and in Civil Engineering<sup>4</sup>  
FRANK ARDEEN BRIDGEWATER, First Lieutenant, Infantry, Associate in Military Science  
and Tactics  
NATALIA MAREE BELTING, Ph.D., Associate in History  
DILLON SIDNEY BROWN, Ph.D., Associate in Pomology  
ARTHUR EDWARD COHEN, M.Mus., Associate in Music<sup>5</sup>  
DAVID HEROLD COLE, M.S., Associate in Mechanical Engineering  
CYRUS DALE GREFFE, B.S., Associate in Mechanical Engineering  
GERHART KARL GROETZINGER, Ph.D., Associate in Physics  
MARION STANLEY HELM, M.S., Associate in Electrical Engineering  
JOHN ADAMS HENRY, B.S., Associate in Mechanical Engineering  
HARRY WALLACE HORN, M.S., Associate in Electrical Engineering<sup>1</sup>  
ALICE SARAH JOHNSON, A.B., B.L.S., Associate in Library Science and Reference Li-  
brarian  
EMMA REED JUTTON, B.L.S., Associate in Library Science and Circulation Librarian  
FANNY DUNLAP, Ph.B., B.L.S., Associate in Library Science and Reference Librarian  
KENTON AUGUSTUS KENDALL, M.S., Associate in Dairy Production  
AMEDA RUTH KING, Ph.D., Associate in History  
NELSON JORDAN LEONARD, Ph.D., Associate in Chemistry  
FOIL ALLAN MILLER, Ph.D., Associate in Chemistry  
LOUIS ALEXANDER POTTER, JR., B.Mus., Associate in Music

<sup>1</sup>On leave of absence for war service.<sup>2</sup>On leave of absence until January 26, 1945.<sup>3</sup>First semester.<sup>4</sup>Second semester.<sup>5</sup>On leave of absence for the year.

MRS. DOROTHY STAHMER RAWLINGS, A.M., Associate in Physical Education for Women  
 FRANK ELLSWORTH SCHOOLEY, B.S., Associate in Journalism and Assistant Director of  
 Public Information and of the Radio Station  
 JOHN BLACK SIRICH, Ph.D., Associate in History  
 JOHN NELSON WEISS, M.S., Associate in Agricultural Education  
 WINFRED DEAN GERBER, B.S., C.E., Associate in General Engineering  
 HERBERT ARNOLD NYE, Ph.D., Associate in Physics  
 WILLIAM T. R. THORN, First Lieutenant, Corps of Military Police, Associate in  
 Military Science and Tactics

#### Lecturers

ALBERT EDWARD CUMMINGS, B.S., C.E., Lecturer in Foundation Engineering  
 MRS. MAY WHITSITT HOPKINS, Ph.D., Lecturer in Chemistry  
 WILLIAM HOMER WISELY, B.S., C.E., Lecturer in Sanitary Engineering  
 RICHARD LEOS JENKINS, A.B., M.D., Lecturer in Social Welfare Administration  
 FRANK A. JENSEN, Ph.D., Lecturer in Education<sup>1</sup>  
 FRANK ALFRED RANDALL, B.S., C.E., Special Lecturer in Structural Engineering

#### Instructors

AMOS DAVID WRIGHT, Instructor in Mechanical Engineering  
 STELLA REBECCA PERCIVAL, B.Mus., Instructor in Music  
 MARGARET BLOOM, Ph.D., Instructor in English  
 CORNELIA PULSIFER KELLEY, Ph.D., Instructor in English  
 MARGARET FRENCH, Ph.D., Instructor in English  
 WILLIAM JACKSON TREECE, M.S., Instructor in Physical Education for Men<sup>2</sup>  
 GEORGE CHARLES WICKWIRE, M.S., Instructor in Physiology  
 JOHN WALLACE RAUSHENBERGER, B.F.A., Instructor in Art  
 ALFRED WHALEY BOOTH, Ph.D., Instructor in Geography<sup>2</sup>  
 JOHN WILLIAM DAVIS, B.S., Instructor in Architecture<sup>2</sup>  
 AURELIO EUGENE FLORIO, A.M., Instructor in Physical Education for Men<sup>2</sup>  
 LAWRENCE HUSTON HOUTCHENS, Ph.D., Instructor in English  
 ROBERT BRESEE MONTGOMERY, B.S., M.D., Instructor in Hygiene and Medical Adviser  
 for Men<sup>2</sup>  
 EDWARD PEASE SHAW, Ph.D., Instructor in French<sup>2</sup>  
 CLAUDE PAUL VIENS, Ph.D., Instructor in French<sup>2</sup>  
 WINSTON EDWARD BLACK, M.S., C.E., Instructor in Theoretical and Applied Mechanics<sup>2</sup>  
 MAX JOSSELYN CHAPMAN, A.M., Instructor in Physical Education for Men<sup>2</sup>  
 BERT OSCAR LARSON, B.S., Instructor in General Engineering Drawing<sup>2</sup>  
 RICHARD EMANUAL HULT, B.S., B.F.A., Instructor in Art<sup>2</sup>  
 EDWIN DEVERE LUKE, M.S., Instructor in Mechanical Engineering<sup>2</sup>  
 JAMES CURTIS MACE, JR., Ph.D., Instructor in Electrical Engineering<sup>2</sup>  
 GEORGE ROLAND PEIRCE, M.S., Instructor in Electrical Engineering  
 HOWARD JOHN BRAUN, B.S., Instructor in Physical Education for Men<sup>2</sup>  
 RALPH EMERSON FLETCHER, B.S., Instructor in Physical Education for Men  
 CHARLES ROBERT FREDERICK, M.S., Instructor in Journalism, Director of Student  
 Housing, and Secretary of Senate Committee on Student Discipline<sup>2</sup>  
 STEPHEN WOOD GRAY, Ph.D., Instructor in Physiology<sup>2</sup>  
 MRS. MABEL REA HAGAN, M.S., Instructor in Business Organization and Operation  
 and in Education, and Teacher of Commercial Subjects in University High School  
 BURTON ALVIERE MILLIGAN, Ph.D., Instructor in English<sup>2</sup>  
 ROBERT VICTOR MITCHELL, M.B.A., Instructor in Business Organization and Operation<sup>2</sup>  
 WILLIAM ROBERT MOSES, Ph.D., Instructor in English<sup>2</sup>  
 MRS. ESTHER H. RAPP, Ph.D., Instructor in English  
 KEITH LEROY WILSON, B.S., M.Mus., Instructor in Music and in Military Bands<sup>2</sup>  
 NICHOLAS BRITSKY, B.F.A., Instructor in Art<sup>2</sup>  
 OTTO ALVIN DIETER, Ph.D., Instructor in Speech<sup>2</sup>  
 JOHN PAUL JONES, JR., A.M., Instructor in Journalism<sup>2</sup>  
 JACOB SEBASTIAN KOUNIN, Ph.D., Instructor in Education<sup>2</sup>  
 JOHN EDWIN PEARSON, B.S., Instructor in General Engineering Drawing<sup>2</sup>  
 PAUL SIDNEY PETTINGA, M.Mus., Instructor in Music<sup>2</sup>  
 LELAND SHANOR, Ph.D., Instructor in Botany<sup>2</sup>

<sup>1</sup>First semester.

<sup>2</sup>On leave of absence for war service.

- CHESTER G. STARR, JR., Ph.D., Instructor in History<sup>1</sup>  
 CLYDE WINFIELD WILKINSON, A.M., Instructor in English<sup>1</sup>  
 GEORGE VRYONIS, M.D., Instructor in Hygiene and Medical Adviser for Men<sup>1</sup>  
 JOHN ALEXANDER FUZAK, M.S., Instructor in Industrial Education  
 ROBERT JOHN GEIST, Ph.D., Instructor in English<sup>1</sup>  
 RICHARD ELLIOT ROBERTS, B.S., B.Mus., Instructor in Music<sup>1</sup>  
 HELEN KATHERYN ZWOLANEK, A.M., Instructor in Home Economics  
 ALBERT DAVID BAILEY, A.B., B.S., Instructor in Electrical Engineering<sup>1</sup>  
 MARY ALICE LOHRER, A.M., Instructor in Library Science  
 MILLARD ORLANDO STARR, B.S., Instructor in General Engineering Drawing  
 JOSEPH S. FLORES, Ph.D., Instructor in Spanish  
 WENDELL EARL MILLER, B.S., Instructor in Electrical Engineering<sup>1</sup>  
 WALTER EDMUND HANSON, B.S., Instructor in General Engineering Drawing<sup>1</sup>  
 PAUL FOWLER SCHWARZLOSE, B.S., Instructor in Electrical Engineering  
 RALPH HARRY JOHNSON, M.S., Instructor in Physical Education for Men and Counselor  
 in the Student Personnel Bureau  
 ALLEN BARCLAY KLINGEL, B.S., Instructor in Physical Education for Men<sup>1</sup>  
 JOHN JOSEPH SHEURING, M.S., Instructor in Dairy Manufactures<sup>1</sup>  
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 GUENTER SCHWARZ, Ph.D., Instructor in Physics  
 GRACE ELIZABETH WILSON, M.Mus., Instructor in Music  
 ALDEN DENZEL CUTSHALL, Ph.D., Instructor in Geography<sup>1</sup>  
 SHIRLEY H. ENGLE, M.S., Instructor in Education and Teacher of Social Studies in  
 University High School  
 ALLAN GIBSON HOLADAY, Ph.D., Instructor in English  
 FRANCIS EDWIN HYSLOP, JR., A.M., M.F.A., Instructor in Art  
 LYLE WELSER, M.Ed., Instructor in Physical Education for Men  
 MRS. CAROLYN WASHBURN HOUTCHENS, Ph.D., Instructor in English  
 RENATO ROSALDO, Ph.D., Instructor in Spanish<sup>2</sup>  
 JOSEPH WRIGHT SCOTT, A.M., Instructor in Speech<sup>1</sup>  
 HENRI STEGEMEIER, Ph.D., Instructor in German  
 HUGH WILLIAMS SARGENT, A.M., Instructor in English<sup>1</sup>  
 WILLIAM FRANKLIN SENN, B.S., Instructor in Physical Education for Men  
 JOHN OLIVER JONES, M.S., Instructor in Physical Education for Men  
 CLARENCE FRANCIS CROSSLEY, B.S., Instructor in Physical Education for Men  
 M. ROSS ANDERSON, M.S., Instructor in Physical Education for Men  
 WINFIELD SCOTT ANGUS, M.S., Instructor in Physical Education for Men  
 MARTIN JOSEPH ARVIN, Ph.D., Instructor in Physics  
 CLIFF JACK CLAPP, A.M., Instructor in Physical Education for Men  
 CHARLES CLIFTON DE LONG, M.S., Instructor in Accountancy  
 MRS. FLORENCE P. GEBHART, B.S., M.D., Instructor in Hygiene<sup>2</sup>  
 NANCY EVANS HOUSTON, B.S., Instructor in Physical Education for Women  
 WALTER MILLER JOHNSON, JR., A.M., Instructor in Art Education and Teacher of Art  
 in University High School  
 MRS. LUCRETIA SWITSER LEVY, A.M., Instructor in Mathematics  
 DONALD RAY MARTIN, Ph.D., Instructor in Chemistry  
 ROBERT HAMILTON MOORE, A.M., Instructor in English  
 WILLIAM ELWOOD OGLE, Ph.D., Instructor in Physics<sup>2</sup>  
 HAROLD MARION OSBORN, B.S., D.O., Instructor in Physical Education for Men  
 JOE FRANK WILKES, A.M., Instructor in Education  
 MRS. HAZEL AILEEN YOST, B.S., Instructor in Home Economics  
 JOSEPH ALLEN, JR., A.M., B.S., Instructor in Music  
 THEODORE BEDRICK, Ph.D., Instructor in Mathematics  
 JOHN CONRAD BUSHMAN, Ph.D., Instructor in English  
 DOROTHY MAXINE CORLETT, Ph.D., Instructor in History  
 MRS. MARY WHITEFORD GRAHAM, A.M., Instructor in Speech  
 ALBERT JEROLD HATCH, B.S., Lecture-Demonstration Instructor in Physics<sup>4</sup>  
 MARIE KATHERYN HOCHMUTH, A.M., Instructor in Speech  
 JAMES VINCENT QUAGLIANO, M.S., Instructor in Chemistry<sup>3</sup>  
 VIRGINIA STEELE CHAMBERLIN, M.S., Instructor in Physical Education for Women

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Second semester.<sup>3</sup>Resigned.<sup>4</sup>On leave of absence second semester.



- HILDA JOSEPHINE ALSETH, A.B., B.L.S., Instructor in Library Science and Engineering Librarian
- LYLE EDWARD BAMBER, M.S., Instructor in Library Science and Natural History Librarian
- MRS. MARTHA BARNES BAYLOR, Ph.D., Instructor in Zoology
- MARY GLADYS BURWASH, A.B., B.L.S., Instructor in Library Science and Agriculture Librarian
- MRS. BERNITA JEWELL DAVIES, A.B., LL.B., B.S., Instructor in Library Science and Law Librarian
- RUTH THELMA KROUSE, M.S., Instructor in Physiology
- MRS. EUNICE COLLINS MOHR, A.B., B.S., Instructor in Journalism and Journalism Librarian<sup>1</sup>
- MRS. ALBERTINE WALTHER OSGOOD, A.M., Instructor in Spanish and Counselor in the Student Personnel Bureau
- MARY LOUISE OSWALD, Ph.D., Instructor in Geology
- ANGELINA ROSALIA PIETRANGELI, Ph.D., Instructor in French and in Spanish and Italian
- JOHN KERKER QUINN, A.M., Instructor in English
- NELLE MARIE SIGNOR, A.B., B.L.S., Instructor in Library Science, and History and Political Science Librarian
- SCOTT ANDERSON, Ph.D., Instructor in Physics<sup>2</sup>
- OLIVER WENDEL BEIMFOHR, M.S., Instructor in Geography
- GEORGE CASS DELONG, A.M., Instructor in Geography
- ROBERT PATTON HINSHAW, Ph.D., Instructor in Psychology
- LEO MAX KAISER, Ph.D., Instructor in the Classics
- CLIFFORD RICHARD KEIZER, Ph.D., Instructor in Chemistry
- EARL GRAHAM POGUE, A.M., Instructor in Education, Assistant Principal of University High School, and Coordinator of Student Teaching
- CLARENCE MARTIN PRUITT, Ph.D., Instructor in Geography<sup>3</sup> and in Physics<sup>4</sup>
- MARIAN CATHERINE QUINN, B.Ed., Instructor in Speech
- JOSEPH RUSSELL REAVER, Jr., Ph.D., Instructor in English
- MRS. HELEN FAULKNER STEWART, B.Mus., Instructor in Music
- WARD HASTINGS TAYLOR, Ph.D., Instructor in Mathematics
- BARBARA LOUISE TIMMINS, M.S., Instructor in Physical Education for Women
- MRS. DOROTHY RALPH DAGGETT, Ph.D., Instructor in French
- EVALENE VIRGINIA KRAMER (MRS. W. S. ANGUS), M.S., Instructor in Library Science and University High School Librarian
- MARVIN BLACKBURN MARTIN, (Kansas City Art Institute), Instructor in Art
- FRANK X. SPIECKER, Ph.D., Instructor in German
- MAUDE F. WILLIAMS, M.S., Instructor in Physiology
- MRS. ROSALYN SUSSMAN YALOW, Ph.D., Instructor in Physics<sup>3</sup>
- MRS. DELTA HINKEL BANNISTER, A.M., Instructor in Physical Education for Women
- DAVID GANS, A.M., Instructor in Mathematics
- SAMUEL EARL THOMPSON, A.M., Instructor in Education and Acting Director of Student Housing
- MRS. WANDA PFEIFFER VESTAL, Ph.D., Instructor in Botany
- V. NICOLA ZIROLI, (Art Institute of Chicago), Instructor in Art
- JOSEPH CLARE, M.Eng., B.D., Instructor in Physics
- BARNARD HERSCHEL CRUSINBERRY, M.S., Instructor in Physics
- JERRY STANLEY DOBROVOLNY, B.S., Instructor in General Engineering Drawing
- CHARLES HARLOW PRATT, A.B., Instructor in Business Organization and Operation<sup>4</sup> and Chief Accountant in the Business Office
- FRED LEROY BLYTHE, A.M., Instructor in Spanish<sup>4</sup>
- PAUL SPENCE SHOOK, B.Arch., Instructor in General Engineering Drawing<sup>4</sup>
- ROBERT KEITH NEWTON, B.S., Instructor in Electrical Engineering<sup>2</sup>

#### Assistants

- PAUL ANDERS, Assistant in Glassblowing
- JOHN ALEXANDER, A.M., Assistant in French<sup>5</sup>
- MRS. EDITH SENDENBURGH SWENEY, A.M., Assistant in English
- CHESTER EDWARD DERROUGH, Assistant in Mechanical Engineering

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.

<sup>3</sup>First semester.

<sup>4</sup>Second semester.

<sup>5</sup>On leave of absence for the year.

- JOHN ISAAC OWEN, A.M., Assistant in English  
 GEORGE CARR CAMP, A.M., Assistant in English  
 CORDELIA REED, A.M., Assistant in French  
 GIBBON BUTLER, A.M., Assistant in English<sup>1</sup>  
 FREDRIC JOHN MOSHER, A.M., Assistant in English<sup>2</sup>  
 BRUCE HALE MAINOUS, A.M., Assistant in Spanish<sup>2</sup>  
 BERNARD PETER PORZAK, A.M., Assistant in English  
 KENNETH E. HARSHBARGER, M.S., Assistant in Dairy Production<sup>2</sup>  
 JOHN WILSON LEWIS, A.M., Assistant in English  
 THOMAS ALEXANDER BLEDSOE, A.M., Assistant in English<sup>2</sup>  
 LEONARD FEINBERG, A.M., Assistant in English<sup>2</sup>  
 GEORGE SCOUFFAS, A.M., Assistant in English  
 ROBERT VAN AKIN BAUER, A.M., Assistant in English<sup>2</sup>  
 CLAUDE WINSTON FAULKNER, A.M., Assistant in English<sup>2</sup>  
 ERWIN WILLIAM GOESSLING, A.M., Assistant in German and Teacher of German in  
 University High School<sup>2</sup>  
 FRANCIS WILLIAM WEEKS, A.M., Assistant in English  
 JOSEPH PATTON FULTON, A.M., Assistant in Botany<sup>2</sup>  
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 JAE LUIS LITRELL, M.S., Research Assistant in Zoology  
 MAYNARD FOWLE MOSELEY, JR., M.S., Assistant in Botany<sup>2</sup>  
 WELLS FENTON CHAMBERLIN, A.M., Assistant in French<sup>2</sup>  
 HUGO JOHN DAVID, A.M., Assistant in Speech<sup>2</sup>  
 LYNWOOD M. HOLLAND, A.M., Assistant in Political Science  
 WALTER STAAKS, JR., A.M., Assistant in French<sup>2</sup>  
 MILFORD CYRIL JOCHUMS, A.M., Assistant in English<sup>2</sup>  
 DON MACLEISH MURRAY, A.M., Assistant in English<sup>2</sup>  
 HENRY DILGARDT ARNETT, M.S., Assistant in Physics  
 NORMAN AUGUST MEINKOTH, M.S., Assistant in Zoology  
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 FRED HENRY STENSTROM, M.S., Assistant in Floriculture<sup>3</sup>  
 CHARLES THOMPSON WILKINS, A.M., Assistant in English<sup>4</sup>  
 CARL BENSON, A.M., Assistant in English<sup>2</sup>  
 BRUCE COMSTOCK BERESFORD, B.S., Assistant in Vegetable Crops<sup>2</sup>  
 ROBERT ARMINE CONOVER, M.S., Assistant in Botany<sup>2</sup>  
 UPSON STANLEY GARRIGUS, M.S., Assistant in Animal Husbandry<sup>2</sup>  
 CORINNE HATTAN, A.M., Assistant in Mathematics  
 GUY WILSON JONES, A.M., Assistant in English<sup>2</sup>  
 GLENN RAY NOGGLE, M.S., Research Assistant in Botany  
 WAYNE WILMER DAHLSTEDT, A.M., Assistant in English<sup>2</sup>  
 DOROTHY ELAINE MARTIN, A.B., Assistant in Chemistry<sup>4</sup>  
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 RAMON WALTER KIREILIS, M.S., Assistant in Physical Education for Men  
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 WILLIAM NEIL THOMPSON, M.S., Assistant in Farm Management<sup>2</sup>  
 WILLIAM BORGEN TREUMANN, M.S., Assistant in Chemistry  
 LILLIAN HEJTMANEK, A.M., Assistant in Spanish and in Portuguese  
 HAINES BOOTS LOCKHART, A.B., Special Research Assistant in Chemistry  
 VIRGINIA MAUD LOWELL, A.M., Assistant in English  
 CONSTANCE NICHOLAS, A.M., Assistant in English  
 RALPH LAWRENCE ROWLAND, M.S., Assistant in Chemistry  
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 and in Psychology  
 MRS. MARGARET BERG PLAYE, M.L., Assistant in French  
 ROBERT GILES BROOKS, A.M., Assistant in English<sup>2</sup>  
 MRS. RUTH CONLEY FOSNAUGH, A.M., Assistant in Spanish  
 ELAINE VIVIAN NANTKES, M.S., Assistant in Astronomy  
 JOHN STRELL, JR., M.S., Assistant in Physical Education for Men and Assistant to the  
 Director of the School of Physical Education

<sup>1</sup>On leave of absence until January 1, 1945.<sup>2</sup>Deceased February 14, 1945.<sup>3</sup>First semester.<sup>4</sup>On leave of absence for war service.<sup>5</sup>Second semester.

MRS. MARCIA BROWN BOWMAN, A.M., Assistant in English  
 MRS. EVELYN McLAIN BRISTOW, A.M., Assistant in Spanish  
 MAYME JOSEPHINE BUNCH, A.M., Assistant in History  
 CHARLES ROBERT FILIPPI, B.S., Assistant in Ceramic Engineering<sup>1</sup>  
 MRS. OLIVE REMINGTON GOLDMAN, A.M., Assistant in Speech  
 MERCEDES GUILLERMINA KAHLERT, A.M., Assistant in Spanish  
 LEWIS MALCOLM MAGILL, JR., A.M., Assistant in English  
 MRS. NELLIE MORRIS MILES, A.M., Assistant in Mathematics<sup>2</sup>  
 SONIA MILLER, A.M., Assistant in English  
 DOROTHY BEAL RUSHING, A.M., Assistant in English  
 MARJORIE LOUISE WALTER, A.B., Assistant in Speech<sup>3</sup>  
 EDWARD GEORGE WELTIN, A.M., Assistant in History  
 CLARA EDDY HAMILTON, A.M., Assistant in Zoology  
 DAVID HERBERT DONALD, A.M., Research Assistant in History  
 DREW SPARKMAN, M.S., Assistant in Zoology  
 MRS. FRANCES ARNOLD ANDERSON, A.M., Assistant in Spanish  
 MORSE BERYL SINGER, Assistant in Mechanical Engineering  
 LILLIAN ELVIRA HEDSTRAND, B.S., Assistant in Library Science  
 ROBERT MARION ALLEN, A.B., Assistant in Physical Education for Men and Teacher of  
 Physical Education in University High School  
 MILDRED JEANNETTE BRANNON, M.Mus., Assistant in Mathematics  
 MARLYN JEAN BROCK, B.S., Assistant in Chemistry  
 SALLY ELIZABETH CARNAHAN, A.M., Assistant in French  
 MINOR JESSER COON, B.S., Special Research Assistant in Chemistry  
 HARRY HARDENBROOK, JR., D.V.M., Assistant in Animal Pathology and Hygiene  
 MARY MARGARET HICKEY, A.B., Assistant in Spanish  
 SAMUEL GEORGE HUBER, B.S., Assistant in Agricultural Engineering<sup>1</sup>  
 MARY ADELIN HUSSEY, A.M., Assistant in English  
 THEODORE GERARD KLOSE, M.S., Assistant in Chemistry  
 KENNETH JAMES PIPENBERG, B.S., Assistant in Chemistry<sup>3</sup>  
 MRS. MARY KRANOS RUBIO, A.B., Assistant in Spanish<sup>3</sup>  
 JEWELL EMMA SCHUBERT, M.S., Assistant in Mathematics  
 VIVIAN CAREY STOVALL, B.S., Assistant in Home Economics  
 HAROLD ARTHUR SWANSON, B.S., Assistant in Physical Education for Men  
 JOHN DAVIS YOUNG, B.S., Assistant in Chemistry  
 MARGARET L. ANDERSON, A.M., Assistant in Spanish  
 HANNAH SOPHIA BACKLUND, A.M., Assistant in Spanish  
 MRS. FLORENCE CATHERWOOD BAILAR, M.S., Assistant in Mathematics<sup>2</sup>  
 PAULINE SUE DRAWVER, A.M., Assistant in English  
 SHIRLEY RUTH DUSHKIND, A.M., Assistant in Zoology  
 MARTIN GIBBS, B.S., Research Assistant in Botany  
 JUSTIN BERNARD HOEKSTRA, A.B., Research Assistant in Physiology  
 ROSEMARY ELEANORE JANTZEN, A.M., Assistant in English  
 DOROTHY NELL JONES, M.S., Research Assistant in Zoology<sup>3</sup>  
 GRAY LUCAS, B.S., Assistant in Chemistry  
 CLARENCE ISAAC McSWANE, M.S., Assistant in Mathematics  
 STANLEY MARSHALL PARMETER, Ph.D., Special Research Assistant in Chemistry  
 CLARENCE PHILLIPS, A.M., Assistant in Mathematics  
 LUCILLE BERNICE POWERS, B.S., Assistant in Home Economics<sup>3</sup>  
 PHILIP SOLOMON SKELL, Ph.D., Special Research Assistant in Chemistry  
 MRS. HELEN WILLIAMS WEAVER, A.B., Assistant in English<sup>3</sup>  
 FRANCES WHATLEY, A.M., Assistant in Spanish  
 MRS. PHYLLIS WHITE OGDEN, A.B., Assistant in Spanish  
 MRS. SALOME WALLACE WORKMAN, A.B., Assistant in Mathematics<sup>2</sup>  
 LUCY SCOTT BYNUM, A.M., Assistant in English  
 MRS. ORA MAY ENGLE, A.B., Assistant in Mathematics<sup>2</sup>  
 WILLIAM CLYDE FERGUSON, M.S., Research Assistant in Entomology  
 MRS. HELEN PADFIELD ROBERTS, A.B., Assistant in History  
 DOROTHY MARY ZUCKER, A.M., Assistant in German  
 JAMES LANE BOSWELL, B.S., Assistant in Mathematics  
 NANCY LOUISE DOWNS, B.S., Assistant in Chemistry

<sup>1</sup>On leave of absence for war service.<sup>2</sup>First semester.<sup>3</sup>Resigned.

MRS. METTA VIRGINIA ZAHORSKY, B.S., Assistant in Home Economics  
 ROBERT KINGSBURY CLARK, JR., A.B., Special Research Assistant in Chemistry  
 HARRY PAYNE REEVES, A.M., Assistant in Spanish  
 MRS. JEAN ALEXANDER ROSS, M.S., Assistant in Zoology  
 WILLIS EVERETT SNOW, M.S., Assistant in Botany<sup>2</sup>  
 MRS. CLARA V. WALL, A.M., Assistant in Political Science<sup>2</sup>  
 MRS. NAOMI WINGFIELD HUNTER, A.M., Assistant in Speech  
 MARJORIE KIRK, B.S., Assistant in Physical Education for Women  
 BETTY ANN BAILEY, A.B., Assistant in Chemistry  
 GERTRUDE THERESE RAFFERTY, M.S., Assistant in Zoology  
 JAMES NEWTON SNYDER, Assistant in Physics  
 ROBERT MARSHALL CHEW, B.S., Assistant in Zoology  
 WALTER CURTIS CONNOLLY, A.B., Assistant in Physics  
 JESSIE MARGARET CRAIG, B.S., Assistant in Chemistry  
 CLARA LOUISE DEASY, Ph.D., Special Research Assistant in Chemistry  
 HANS BOEGH JONASSEN, M.S., Assistant in Chemistry  
 G. FREDERICK LAMBERT, Ph.D., Special Research Assistant in Chemistry  
 RITA MULLINS, A.B., Assistant in Zoology  
 ROBERT SEYMOUR POGRUND, M.S., Special Research Assistant in Chemistry  
 ELBERT WINFRED RINGO, A.M., Assistant in Spanish  
 MARY HELEN RYAN, B.S., Assistant in Chemistry  
 ODETTE LOUISE SHOTWELL, B.S., Assistant in Chemistry  
 MRS. CAROL ROLFE BELINSKEY, B.S., Assistant in Chemistry  
 EDMOND HAROLD BENNETT, M.S., Assistant in Zoology and Physiology  
 MRS. EVELYN TRIPP BERDAHL, A.M., Assistant in English<sup>2</sup>  
 HELEN BEVERIDGE, A.M., Assistant in English  
 JOHN BOSWORTH-FLING, A.M., Assistant in English  
 MRS. MARION GRUDIER CARR, A.M., Assistant in English  
 JEAN COON, A.M., Assistant in English  
 FERN JEANNETTE CORNELISON, A.M., Assistant in English  
 DOROTHY MARGARET FORBIS, A.M., Assistant in English  
 STANLEY CYRIL GRZEDA, M.S., Assistant in Psychology  
 MARJORIE COLTON HATCHARD, B.S., Assistant in Home Economics  
 LILLIAN RUTH HRUDA, B.S., Assistant in Chemistry<sup>2</sup> and in Microanalysis  
 EDITH CARRINGTON JONES, Ph.D., Research Assistant in the Classics and Classics Librarian  
 ELIZABETH PAULINE KNOWLES, A.B., B.S., Assistant and Reviser in the Library School  
 MRS. VIRGINIA ROMPPAINEN LAWRENCE, A.B., Assistant in German  
 MARY DEARING LEWIS, A.M., Assistant in English  
 JACQUELYNN GRAYSON LILIKER, B.S., Assistant in Psychology  
 MRS. VIRGINIA MARLOW, A.M., Assistant in History<sup>2</sup>  
 LOIS JUNE MAYFIELD, A.M., Assistant in English  
 RALPH DALE MCWILLIAMS, A.M., Assistant in Spanish  
 FRANCES VANEVERY MORFOOT, A.M., Assistant in Mathematics  
 INEZ NIENOW, M.S., Assistant in Bacteriology  
 DONALD DELBERT OSTROTH, A.B., Assistant in English<sup>1</sup>  
 WILLIAM FREDERICK RAPP, JR., B.S., Assistant in Entomology  
 ESTHER IONE RHYMER, M.S., Special Research Assistant in Chemistry  
 LOUISE KATHRYN RICH, A.M., Assistant in English  
 CLARENCE DANIEL RICHARD, JR., B.S., Assistant in Physics  
 JANET CLARA SCHNEIDER, A.B., Research Assistant in Psychology  
 MARY ANICE SEYBOLD, A.M., Assistant in Mathematics  
 ANNETTE SINCLAIR, B.S., Assistant in Mathematics  
 WALKER ALBERT STRONG, Ph.D., Special Research Assistant in Chemistry  
 CARL SUTTON, A.M., Assistant in English  
 CHRISTINE SYKES WILLIAMS, A.M., Assistant in Mathematics  
 MRS. MARTHA MALCOLMSON WILSON, A.M., Assistant in English  
 HELEN IAMS WROTEN, M.S., Assistant in English  
 FRED EASTERDAY BOETTNER, M.S., Assistant in Chemistry  
 MRS. LYNETTE MOSS BOETTNER, M.S., Assistant in Chemistry  
 FREDRIC WILLIAM CAGLE, JR., M.S., Special Research Assistant in Chemistry  
 MARY RUTH CHAMBERS, A.M., Assistant in English

<sup>1</sup>Resigned.<sup>2</sup>First semester.

LAWRENCE JOHN EDWARDS, B.S., Assistant in Chemistry  
 SOPHIE LAURA FISK, A.M., Assistant in French  
 BRUCE ABRAHAM FRANCE, JR., A.B., Assistant in English<sup>1</sup>  
 MRS. IDA BAKER HABBERTON, A.M., Assistant in English<sup>1</sup>  
 LAURA MARIE HALL, A.B., Assistant in English  
 MRS. JEANNE LOIS IRVIN, B.S., Assistant in Chemistry<sup>1</sup>  
 MRS. ELIZABETH AIRHEART KELLOGG, A.M., Assistant in English<sup>1</sup>  
 S. CHARMENZ LENHART, M.S., Assistant in English  
 YEN HOONG LOO, Ph.D., Special Research Assistant in Chemistry  
 MRS. REVA SNYDER LUDWIG, M.S., Assistant in History  
 RICHARD ELMORE MAXWELL, B.S., Assistant in Chemistry  
 OWEN JOSEPH MCCARTHY, A.M., Assistant in English  
 SEYMOUR LIONEL MEISEL, B.S., Assistant in Chemistry  
 WILLIAM HENRY POGGEMEIER, JR., A.B., Assistant in Chemistry  
 HERSCHEL DONOVAN PORTER, B.S., Assistant in Chemistry  
 KATHLEEN KATHERINE POST, B.S., Assistant in Art  
 MRS. JANET COOPER RAPP, B.S., Assistant in Botany  
 MARJORIE RUTH REMLINGER, B.S., Assistant in Chemistry  
 WILLIAM EARL SCHENK, A.M., Assistant in German  
 MRS. ROBERTA SCOUFFAS, A.M., Assistant in English<sup>1</sup>  
 MRS. SUSAN DEUEL SHATTUCK, A.B., Assistant in English<sup>1</sup>  
 DONALD DEE STARR, A.B., Assistant in Chemistry  
 ELMER ROY TRUMBULL, A.B., Assistant in Chemistry  
 BETTY ANNE UNGER, A.B., Assistant in Spanish  
 CATHERINE LOUISE WILLIAMS, B.S., Assistant in Chemistry  
 BLOSSOM ZEIDMAN, B.S., Assistant in Chemistry  
 MURRAY ZELIKOFF, A.B., Assistant in Chemistry  
 BETH BRADLEY, M.Mus., Assistant in Music  
 MRS. RUTH CAMPBELL BRADLEY, A.B., Assistant in Sociology<sup>1</sup>  
 MRS. HELEN RUMBLE BROWN, A.M., Assistant in English  
 JACK SPAULDING CALDWELL, B.S., Assistant in Physics<sup>1</sup> and in General Engineering<sup>2</sup>  
 MARY JANE CAMP, A.B., Assistant in English<sup>1</sup>  
 JEANNETTE ELAINE CARLSON, A.B., Assistant in English  
 CHARLES FONG CHAO, M.S., Assistant in Physics<sup>3</sup>  
 MRS. PORTIA MILLER CURETON, A.B., Assistant in Physical Education for Women  
 MRS. SARA LOUISE ENG, A.M., Assistant in Home Economics<sup>1</sup>  
 ISAAC FELDMAN, B.S., Assistant in Chemistry  
 MARY JANE FOX, B.S., Assistant in Chemistry  
 GERTRUDE VALENTINA GRODSKI, M.S., Assistant in Economics  
 MARION EYVLINN HOFFMAN, A.M., Assistant in Speech  
 CLARENCE VERNON HUBBARD, A.B., Assistant in Bacteriology  
 MRS. VASHTI CROMWELL MCCOLLUM, A.B., Assistant in Physical Education for Women<sup>1</sup>  
 MRS. LYLE SCHWABE MCKINNEY, A.B., Assistant in Speech  
 EARL LESTER OLIVER, A.M., Assistant in English<sup>1</sup>  
 MRS. GRACE HARRIMAN SEXTON, B.S., B.Mus., Assistant in Music<sup>1</sup>  
 PEGGY SHILEY, A.B., Assistant in Speech<sup>1</sup>  
 MRS. MARTHA MESSENGER THOMAS, A.B., Assistant in Speech  
 MARY ELIZABETH WILLIAMS, B.S., Assistant in Speech  
 MRS. HARRIET RYNIKER WYND, A.M., Assistant in English<sup>1</sup>  
 A. AARON YALOW, M.S., Assistant in Physics<sup>1</sup>  
 CHARLES BAXTER ALGEO, Assistant in General Engineering Drawing  
 MRS. LUCEIL KING ARNETT, M.S., Assistant in Mathematics<sup>1</sup>  
 RUSSELL RALPH ATTIS, B.S., Assistant in Physical Education for Men  
 DOROTHY MARY CROSS, A.B., Assistant in Zoology<sup>2</sup>  
 MRS. LILIAN OKNER FEINBERG, A.B., Assistant in English  
 GLADYS IDA HEINLEIN, A.B., Assistant in Physics  
 MRS. BETTE JAYNE HOOD, B.S., Assistant in Speech<sup>2</sup>  
 NANCY ELIZABETH JONES, A.M., Assistant in English<sup>2</sup>  
 MILDRED PREUCIL, B.Ed., Assistant in Speech<sup>2</sup>  
 SHIRLEY MAY THOMAS, A.M., Assistant in English<sup>2</sup>  
 HAROLD KENNETH TUCK, B.S., Assistant in Physics  
 MRS. JUDITH JOHNSTON UNLAND, A.B., Assistant in English

<sup>1</sup>First semester.<sup>2</sup>Second semester.<sup>3</sup>Resigned.

IDA BLANCHE BRUNER, M.S., Assistant in Home Economics<sup>1</sup>  
 MRS. MARIAN MARSHALL BUSWELL, Ed.D., Assistant in Physical Education for Women<sup>1</sup>  
 ROBERT LOUIS BURTON, A.M., Assistant in Chemistry<sup>1</sup>  
 BARBARA CAMP, A.B., Assistant in Geology<sup>1</sup>  
 ARLIN MARION DEHR, Research Assistant in Bacteriology<sup>1</sup>  
 HERMAN ISAAC ENOS, JR., M.S., Assistant in Chemistry<sup>1</sup>  
 KATHARINE TRACY GILL, A.M., Assistant in English<sup>1</sup>  
 DOROTHY LILLIAN HUSSEMAN, M.S., Research Assistant in Bacteriology<sup>1</sup>  
 VIRGINIA ANNE KELLY, A.B., Assistant in Spanish<sup>1</sup>  
 PHYLLIS MERYL MARGARETTEN, B.S., Assistant in Chemistry<sup>1</sup>  
 WINIFRED RUTH MITCHELL, M.S., Special Research Assistant in Chemistry<sup>1</sup>  
 MRS. NELLY POZZOLI DE MORETTO, Informant in Spanish<sup>1</sup>  
 EARL OLIVER, A.M., Research Assistant in English<sup>1</sup>  
 NELMA LAURA SAYLOR, M.S., Assistant in Home Economics<sup>1</sup>  
 WILLIS MARION SIMONS, A.M., Assistant in English<sup>1</sup>  
 FREDERICK RICHARD SMITH, B.S., Assistant in Military Bands and in Music<sup>1</sup>  
 JOSEPHINE L. HARPER, A.M., Assistant in History<sup>1</sup>  
 MRS. RUTH MIRRIAM KEIZER, A.B., Assistant in Botany<sup>1</sup>  
 MRS. VIRGINIA WILLIAMS SEARLS, A.B., Assistant in History<sup>1</sup>

### Teachers in University High School

CHARLES MOORE ALLEN, M.S., Principal of University High School  
 MARTIN CURTIS HOWD, M.S., Assistant Principal of University High School<sup>2</sup>  
 EARL GRAHAM POGUE, A.M., Assistant Principal of University High School, Coordinator of Student Teaching, and Instructor in Education  
 WILLIAM HABBERTON, Ph.D., Assistant Professor of Education and Head of the Department of Social Studies<sup>2</sup>  
 WILBER EUGENE HARNISH, A.M., Assistant Professor of Education and Head of the Department of Science  
 LIESETTE JANE MCHARRY, A.M., Assistant Professor of Education and Head of the Department of English  
 MARY FLORENCE LAWSON, M.S., Assistant Professor of Physical Education for Women  
 VELMA IRENE KITCHELL, B.Mus., A.M., Assistant Professor of Music Education  
 HAROLD A. SCHULTZ, A.M., Assistant Professor of Art Education<sup>2</sup>  
 MILES C. HARTLEY, Ph.D., B.Mus., Assistant Professor of Education and Head of the Department of Mathematics  
 GILBERT CLARENCE KETTELKAMP, Ph.D., Associate in Education and Head of the Department of Foreign Languages  
 GLADYS ELSWORTH ANDREWS, M.S., Associate in Education and Teacher of Physical Education<sup>2</sup>  
 FLORENCE CAROLINE BODENBACH, M.S., Associate in Home Economics Education  
 WOLFGANG KUHN, M.S., Associate in Music Education and Teacher of Music  
 MRS. MABEL REA HAGAN, M.S., Instructor in Business Organization and Operation and in Education, and Teacher of Commercial Subjects  
 SHIRLEY H. ENGLE, M.S., Instructor in Education and Teacher of Social Studies  
 JOHN ALEXANDER FUZAK, M.S., Instructor in Industrial Education  
 WALTER MILLER JOHNSON, JR., A.M., Instructor in Art Education and Teacher of Art  
 MRS. FRANCES DOUGLASS WILSON, A.M., Teacher of Social Studies  
 PAULINE ELVA CHANGNON, A.M., Teacher of French  
 HENRIETTA PEARL TERRY, Ph.D., Teacher of Mathematics<sup>2</sup>  
 RICHARD CLARKE SKINNER, A.M., Teacher of English<sup>2</sup>  
 PALMER LOUIS ZICKGRAF, Ph.D., Teacher of Latin  
 ERWIN WILLIAM GOESSLING, A.M., Teacher of German<sup>2</sup>  
 VYNCE ALBERT HINES, M.S., Teacher of Mathematics  
 MRS. DOROTHY POTTER SWINDELL, A.M., Teacher of English  
 FRANCES MARY GOURLEY, M.S., Teacher of Science  
 MARY ELIZABETH IBALL, A.M., Teacher of Mathematics  
 ROBERT MARION ALLEN, A.B., Teacher of Physical Education  
 MARGARETE AUGUSTE BAUM, A.M., Teacher of English  
 SAMUEL HENRY BIRDZELL, M.S., Teacher of Physical Education  
 MRS. VIOLA GRIBANOVSKY, A.M., Teacher of English and Social Studies  
 AMY CATHERINE TURNELL, A.M., Teacher of Physical Education  
 JANE TUTTLE MCGREW, Teacher of Art

<sup>1</sup>Second semester.

<sup>2</sup>On leave of absence for war service.

**Administrators and Teachers Cooperating with the College of Education  
(First Semester, 1944-1945)**

SYDNEY E. ALKIRE, A.M., Principal of Griggsville Community High School  
E. B. ALLEN, M.S., Principal of Marshall Township High School  
CARL WALTER ALLISON, A.M., Principal of Champaign Senior High School  
OLIN C. ANDERSON, B.S., Principal of Clay City Community High School  
EZRA OREN BOTTENFIELD, A.M., Teacher in Champaign Senior High School  
KENNETH D. CABLE, M.Ed., Principal of Fairview Community High School  
R. S. CARTWRIGHT, A.M., Principal of Elgin High School  
ELEANOR CHAFFEE, Ph.B., Assistant Principal of Champaign Senior High School  
J. O. CLEMENS, M.S., Principal of Cisne Community High School  
THOMAS HOWELL COBB, A.M., Superintendent of Urbana Schools  
HARRY AUSTIN COMBES, B.Ed., Teacher in Champaign Senior High School  
ELEANOR FRANCES COOK, A.M., Teacher in Champaign Senior High School  
GENEVIEVE CROUSE, B.S., Teacher in Tolono Community High School  
ANITA L. DOWLER, B.S., Teacher in St. Joseph Community High School  
LYLE W. DRAKE, A.M., Principal of Easton Community High School  
SARAH J. FISHER, A.M., Assistant Principal and Dean of Girls in Urbana High School  
LEWIS E. FLINN, M.S., Principal of Mansfield Community High School  
KENNETH M. FRASURE, A.M., Principal of Humboldt Community High School  
JOHN H. FRENCH, A.M., Principal of Pawpaw Community High School  
ROSCOE GRAY, A.M., Principal of Minier Community High School  
STANLEY BEAR HADDEN, A.M., Principal of Urbana High School  
ERWIN E. HAKE, A.M., Principal of Alexis Community High School  
RUTH IRENE HARRIS, M.S., Principal of Webber School (Urbana)  
MRS. HAZEL HUGHES HASTY, M.S., Teacher in Urbana High School  
HELEN S. JENISTA, A.B., Teacher in Champaign Senior High School  
VICTOR G. JEWELL, A.M., Principal of Tolono Community High School  
MRS. MARION S. KESSLER, B.S., Teacher in Mansfield Community High School  
WAYNE E. KOONTZ, A.M., Principal of Catlin Township High School  
DARRELL ELLSWORTH LATHAM, B.S., Teacher in Urbana High School  
AARON HAWTHORNE LAUCHNER, M.S., Principal of Thornburn Junior High School  
AVICE FERNE LEE, M.S., Principal of Colonel Wolfe School (Champaign)  
BONNIE J. LEWIS, A.M., Teacher in Champaign Senior High School  
GEORGE O. MAIN, A.M., Principal of Reddick Community High School  
FRANK H. MARKMAN, A.M., Principal of Jersey Township High School  
JOSEPH A. MASON, M.S., Principal of Oakwood Township High School  
CARL C. McCORMICK, M.S., Principal of Blandinsville High School  
MRS. MARY VIRGINIA McDUGLE, A.M., Principal of Washington School (Urbana)  
JODA MCGAUGHEY, A.B., Teacher in Champaign Junior High School  
EUGENE H. MELLON, Ed.D., Superintendent of Champaign Schools  
MABEL E. MITCHELL, B.Ed., Teacher in Dr. Howard School (Champaign)  
MRS. GERTRUDE MONROE, A.B., Teacher in Urbana High School  
MRS. LAKIE MUNSON, A.M., Principal of Dr. Howard School (Champaign)  
ELIZABETH NAGLE, Principal of Lincoln School (Urbana)  
CHARLES D. NEAL, M.S., Principal of Sadorus Community High School  
ETTA NEBLOCK, Principal of Marquette School (Champaign)  
JAMES PLACEK, B.S., Teacher in Urbana High School  
CLARA EVA RENFREW, B.Mus., Teacher in Thornburn Junior High School  
MRS. ALMA RIGNEY, B.Mus., Teacher in Marquette School (Champaign)  
HARRIETT ROSE, B.Mus., Supervisor of Vocal Music in Champaign Schools  
MARY ELIZABETH SCHWAGER, Teacher in Catlin Township High School  
HASKELL SEXTON, M.S., Teacher in Urbana High School  
JAMES LYLE SISK, A.M., Assistant Principal of Champaign Junior High School  
ADA BEATRICE SMITH, M.S., Supervisor of Music and Art in Lincoln School (Urbana)  
CECIL EDGAR SMITH, M.S., Principal of Westervelt Community High School  
BELLE VINA SOUTH, B.S., Principal of Hays School (Urbana)  
LUCILE ADA STANSELL, A.M., Teacher in Champaign Senior High School  
MAURICE EDGAR STEELE, A.M., Principal of Mendota Township High School  
LEWIS STEPHENS, M.S., Supervisor of Physical Education in Urbana Schools  
BEULAH HOPE SWIGART, Ph.D., Teacher in Champaign Senior High School  
ROBERT TAYLOR, M.S., Teacher in Champaign Junior High School  
ARNOLD LEE THOMASSON, Ph.D., Principal of Champaign Junior High School  
GERALD Y. TRIMBLE, M.S., Principal of St. Joseph Community High School  
MRS. JANE WIESE, Teacher in Dr. Howard School (Champaign)  
W. J. ZAHNOW, A.M., Principal of Waterloo High School

## OFFICERS OF INSTRUCTION—CHICAGO

## Executive Dean

RAYMOND BERNARD ALLEN, M.D., Ph.D., Executive Dean of the Chicago Colleges

## COLLEGE OF MEDICINE

## The University Senate\*

- RAYMOND BERNARD ALLEN, M.D., Ph.D., Dean of the College of Medicine  
 DAVID JOHN DAVIS, M.D., Ph.D., Professor of Pathology and Dean of the College of Medicine, *Emeritus*  
 FREDERICK TICE, M.D., Professor of Medicine, *Emeritus*  
 NORVAL HARVEY PIERCE, M.D., Professor of Laryngology, Rhinology, and Otolology, and Head of the Department, *Emeritus*  
 CHARLES SUMNER BACON, Ph.B., M.D., D.Sc., Professor of Obstetrics, *Emeritus*  
 WILLIAM ELLIOTT GAMBLE, B.S., M.D., Professor of Ophthalmology, *Emeritus*  
 JULIUS HAYS HESS, M.D., Professor of Pediatrics, *Emeritus*  
 HUGH ALISTER MCGUIGAN, Ph.D., M.D., Professor of Pharmacology, Materia Medica, and Therapeutics, *Emeritus*  
 WILLIAM HENRY WELKER, Ph.D., D.Sc., Professor of Biological Chemistry and Head of the Department  
 NELSON MORTIMER PERCY, M.D., Professor of Clinical Surgery, *Emeritus*  
 FRANCIS EUGENE SENEAR, M.D., M.S., Professor of Dermatology and Head of the Department  
 ALBERT BACHEM, Ph.D., Professor of Biophysics  
 FREDERICK HOWARD FALLS, M.D., M.S., Professor of Obstetrics and Gynecology, and Head of the Department  
 GEORGE BORIS HASSIN, M.D., Professor of Neurology, *Emeritus*  
 CHARLES MORGAN MCKENNA, B.S., M.D., Professor of Surgery  
 HENRY BASCOM THOMAS, B.S., M.D., Professor of Orthopaedic Surgery, *Emeritus*  
 RACHELLE S. YARROS, M.D., Professor of Social Hygiene, *Emerita*  
 OTTO FREDERIC KAMPMEIER, Ph.D., M.D., Professor of Anatomy and Head of the Department  
 ROBERT WOOD KEETON, M.S., M.D., Professor of Medicine and Head of the Department  
 CHARLES HERBERT PHIFER, M.D., Professor of Surgery  
 SIDNEY STRAUSS, A.B., M.D., Professor of Medicine  
 MAURICE LAMM BLATT, M.D., D.Sc., Professor of Pediatrics<sup>1</sup>  
 PAUL LOUIS SCHROEDER, B.S., M.D., Professor of Criminology, Social Hygiene, and Medical Jurisprudence, and Head of the Department; Professor of Psychiatry; Superintendent of the Institute for Juvenile Research<sup>2</sup>  
 FRANCIS LOEFFLER LEDERER, B.S., M.D., Professor of Laryngology, Rhinology, and Otolology, and Head of the Department<sup>2</sup>  
 ERIC OLDBERG, M.D., Ph.D., Professor of Neurology and Neurological Surgery, and Head of the Department  
 WALTER JOHN RICHARD CAMP, M.D., Ph.D., Professor of Pharmacology, Materia Medica, and Therapeutics<sup>3</sup>  
 WARREN HENRY COLE, B.S., M.D., Professor of Surgery, Head of the Department, and Associate Dean of the College of Medicine  
 GEORGE EARLE WAKERLIN, Ph.D., M.D., Professor of Physiology and Head of the Department; Assistant Dean of the College of Medicine in charge of Teaching and Research at the Presbyterian Hospital  
 LEROY HENDRICK SLOAN, B.S., M.D., Professor of Medicine  
 PERCIVAL BAILEY, Ph.D., M.D., Professor of Neurology and Neurological Surgery  
 HALLARD BEARD, B.S., M.D., Professor of Ophthalmology  
 GERHARDT VON BONIN, M.D., Professor of Anatomy  
 ARNOLD ALBERT ZIMMERMANN, D. ès S., Professor of Anatomy  
 SAMUEL AZOR LEVINSON, M.S., M.D., Professor of Pathology, assigned to Medicine part time, and Director of the Hospital Laboratory

\*The Senate includes all University officers of full professorial rank and all others in charge of independent departments of instruction. For lists of members in the Urbana departments, see page 17. Those formerly on the staff of Rush Medical College are indicated by "Rush" in their titles.

<sup>1</sup>Deceased December 10, 1944.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>On leave of absence until January 1, 1945.



- SELIM WALKER McARTHUR, Ph.B., M.D., Professor of Surgery  
 FRANCIS JOSEPH GERTY, B.S., M.D., Professor of Psychiatry and Head of Department  
 THOMAS SMITH JONES, B.F.A., Professor of Medical and Dental Illustration, and Head  
 of the Illustration Studios  
 ARTHUR HAWLEY PARMELEE, A.B., M.D., Professor of Pediatrics (Rush)  
 HENRY GEORGE PONCHER, M.D., Professor of Pediatrics and Head of the Department  
 CARLOS ISAAC REED, Ph.D., Professor of Physiology  
 JOSEPH LOUIS BAER, M.S., M.D., Professor of Obstetrics and Gynecology (Rush)  
 PETER BASSOE, M.D., Rush Professor of Neurology, *Emeritus*  
 EDWARD VAIL LAPHAM BROWN, M.D., B.S., Professor of Ophthalmology (Rush)  
 RALPH CRISSMAN BROWN, B.S., M.D., Professor of Medicine (Rush)  
 CHARLES GILCHRIST DARLING, M.D., Professor of Ophthalmology (Rush)  
 VERNON CYRENIUS DAVID, A.B., M.D., Rush Professor of Surgery  
 CARL BRADEN DAVIS, A.B., M.D., Professor of Surgery (Rush)  
 JOHN FAVILL, A.B., M.D., Professor of Neurology (Rush)  
 LEE CONNELL GATEWOOD, A.M., M.D., Professor of Medicine (Rush)  
 CLIFFORD GROSSELLE GRULEE, A.M., M.D., LL.D., Rush Professor of Pediatrics  
 DANIEL BERNARD HAYDEN, A.M., M.D., Professor of Laryngology, Rhinology, and  
 Otolaryngology (Rush)  
 NOBLE SPROAT HEANEY, A.B., M.D., D.Sc., Rush Professor of Obstetrics and Gynecology  
 ROBERT HARRY HERBST, M.D., Professor of Urology (Rush)  
 JAMES BRYAN HERRICK, M.D., A.M., LL.D., D.Sc., Professor of Medicine (Rush),  
*Emeritus*  
 RUDOLPH W. HOLMES, M.D., Professor of Obstetrics and Gynecology (Rush), *Emeritus*  
 ARCHIBALD L. HOYNE, A.B., B.S., M.D., Professor of Pediatrics (Rush)  
 ERNEST EDWARD IRONS, M.D., Ph.D., Rush Professor of Medicine  
 AARON ELIAS KANTER, M.S., M.D., Professor of Obstetrics and Gynecology (Rush)  
 HERMAN LOUIS KRETSCHMER, Ph.G., M.D., Professor of Urology (Rush)  
 EDWIN MORTON MILLER, A.B., M.D., Professor of Surgery (Rush)<sup>1</sup>  
 WILLIAM FRANKLIN MONCREIFF, M.S., M.D., Professor of Ophthalmology (Rush)  
 ALBERT HORR MONTGOMERY, A.B., M.D., Professor of Surgery (Rush)  
 OLIVER SAMUEL ORMSBY, M.D., Rush Professor of Dermatology, *Emeritus*  
 WILBER E. POST, Ph.B., M.D., Rush Professor of Medicine  
 GEORGE ELMER SHAMBAUGH, Ph.B., M.D., Professor of Laryngology, Rhinology, and  
 Otolaryngology (Rush), *Emeritus*  
 KELLOGG SPEED, B.S., M.D., Professor of Surgery (Rush)  
 JOHN CLARENCE WEBSTER, A.B., M.D., D.Sc., LL.D., Professor of Obstetrics and  
 Gynecology (Rush), *Emeritus*  
 ROLLIN TURNER WOODYATT, M.D., B.S., Professor of Medicine (Rush)  
 PAUL C. BUCY, M.S., M.D., Professor of Neurology and Neurological Surgery  
 ROLAND PARKS MACKAY, A.B., M.D., Professor of Neurology  
 JAMES HERBERT MITCHELL, B.S., M.D., Professor of Dermatology (Rush)  
 OTTO SAPHIR, M.D., Professor of Pathology  
 FRANZ GABRIEL ALEXANDER, A.B., M.D., Professor of Psychiatry  
 FREMONT AUGUSTUS CHANDLER, B.S., M.D., Professor of Orthopaedic Surgery, Head of  
 the Department, and Director of the Illinois Surgical Institute for Children  
 EDMUND F. FOLEY, B.S., M.D., Professor of Medicine  
 ELLIS BENJAMIN FREILICH, M.D., Professor of Medicine  
 HARRY SEARLS GRADLE, A.B., M.D., Professor of Ophthalmology and Director of the  
 Illinois Eye and Ear Infirmary  
 RALPH C. HAMILL, Ph.B., M.D., Professor of Psychiatry (Rush)  
 RICHARD LEOS JENKINS, A.B., M.D., Associate Professor of Criminology, Social Hygiene,  
 and Medical Jurisprudence, and Acting Head of the Department; Associate  
 Professor of Psychiatry; Acting Superintendent of Institute for Juvenile Research  
 FRANK BRAZZIL KELLY, B.S., M.D., Professor of Medicine (Rush)  
 JACOB MEYER, M.D., M.S., Professor of Medicine  
 MILAN VACLAV NOVAK, Ph.D., M.D., Professor of Bacteriology and Public Health,  
 and Head of the Department  
 GEORGE JOHN RUKSTINAT, B.S., M.D., Professor of Pathology (Rush)  
 EARL ROY SERLES, Ph.G., Ph.D., Professor of Pharmacy and Dean of the College of  
 Pharmacy  
 WILLIAM ALEXANDER THOMAS, Ph.B., B.S., M.D., Professor of Medicine (Rush)

<sup>1</sup>On leave of absence for war service.

WILLARD OWEN THOMPSON, A.B., M.D., Professor of Medicine (Rush)  
 ROBERT GEORGE KESEL, D.D.S., M.S., Professor of Applied Materia Medica and Therapeutics, and Head of the Department in the College of Dentistry  
 GRANVILLE ALLISON BENNETT, B.S., M.D., A.B., Professor of Pathology and Head of the Department  
 AARON ARKIN, M.D., Ph.D., Professor of Medicine (Rush)  
 CARL CURT PFEIFFER, Ph.D., M.D., Professor of Pharmacology, Materia Medica, and Therapeutics, and Head of the Department<sup>1</sup>

#### Associate Professors

FRANK D. CHAUVET, M.D., Associate Professor of Medicine  
 ERNEST SISSON MOORE, Ph.B., M.D., Associate Professor of Medicine, *Emeritus*  
 OLAF BERGEIM, Ph.D., Associate Professor of Biological Chemistry  
 ISADORE PILOT, M.D., B.S., Associate Professor of Pathology, assigned to Medicine part time<sup>2</sup>  
 BENJAMIN GOLDBERG, M.D., Associate Professor of Medicine  
 SAMUEL PERLSTEIN, M.D., Associate Professor of Medicine  
 OSCAR EUGENE NADEAU, B.S., M.D., Associate Professor of Surgery<sup>2</sup>  
 ALEXANDER JOHN NEDZEL, M.D., M.S., Associate Professor of Pathology  
 GEORGE JOSEPH MOHR, B.S., M.D., Associate Professor of Criminology  
 ARRIE BAMBERGER, B.S., M.D., Associate Professor of Surgery  
 ARTHUR REUBEN COOPER, Ph.D., M.D., Associate Professor of Anatomy  
 RUSSELL DORR HERROLD, B.S., M.D., Associate Professor of Surgery  
 JOHN DOUGLAS KOUCKY, M.D., M.S., Associate Professor of Surgery<sup>2</sup>  
 FRANK B. LUSK, A.M., M.D., Associate Professor of Medicine<sup>2</sup>  
 ROBERT BRUCE MALCOLM, M.D., M.S., C.M., Associate Professor of Surgery  
 LINDON SEED, M.D., M.S., Associate Professor of Surgery<sup>2</sup>  
 GÉZA DE TAKATS, M.D., M.Surg., Associate Professor of Surgery  
 CHARLES BERNARD PUESTOW, M.D., Ph.D., Associate Professor of Surgery<sup>2</sup>  
 WILLARD VAN HAZEL, A.B., M.D., Associate Professor of Surgery  
 FRANK JOSEPH JIRKA, M.D., Associate Professor of Surgery  
 BENGT LEOPOLD KNUTSSON HAMILTON, M.D., Associate Professor of Pediatrics<sup>2</sup>  
 WILLIAM HARCOURT BROWNE, B.S., M.D., Associate Professor of Obstetrics and Gynecology  
 THEODORE CORNBLEET, M.D., Ph.D., Associate Professor of Dermatology  
 YNGVE JORANSON, A.B., B.S., M.D., Associate Professor of Anatomy, *Emeritus*  
 LOUIS WILLIAM SCHULTZ, D.D.S., B.S., M.D., Associate Professor of Surgery  
 RICHARD LOCKWOOD WEBB, Ph.D., Associate Professor of Anatomy  
 HANS BRUNNER, M.D., Associate Professor of Laryngology, Rhinology, and Otolaryngology  
 ABRAHAM ADOLPH LOW, M.D., Associate Professor of Psychiatry  
 THOMAS MORTON FRENCH, A.B., M.D., Associate Professor of Criminology  
 WILLIAM HENRY HAZLETT, M.D., Associate Professor of Surgery  
 WILL FERSON LYON, A.B., M.D., Associate Professor of Surgery  
 LEONARD FRED WEBER, M.D., Associate Professor of Dermatology  
 ISADORE PAT BRONSTEIN, B.S., M.D., Associate Professor of Pediatrics  
 WILLIAM HENDERSON CASSELS, M.D., Associate Professor of Anaesthesia, in charge of the Division  
 WARREN STURGIS McCULLOCH, A.M., M.D., Associate Professor of Psychiatry  
 PARKE HARVEY SIMER, Ph.D., Associate Professor of Anatomy  
 EDWARD DUDLEY ALLEN, B.S., M.D., Associate Professor of Obstetrics and Gynecology (Rush)  
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 LOREN WILLIAM AVERY, A.B., M.D., Associate Professor of Neurology (Rush)  
 ELVEN JAMES BERKHEISER, A.B., M.D., Associate Professor of Orthopaedic Surgery (Rush)  
 RALPH B. BETTMAN, A.B., M.D., Associate Professor of Surgery (Rush)  
 LOU KEMPF CAMPBELL, B.S., M.D., Associate Professor of Medicine (Rush)  
 LOUIS THOMAS CURRY, B.S., M.D., Associate Professor of Laryngology, Rhinology, and Otolaryngology (Rush)  
 FRANCIS LEO FORAN, M.S., M.D., Associate Professor of Medicine (Rush)  
 EARLE BLOODGOOD FOWLER, B.S., M.D., Associate Professor of Ophthalmology (Rush)

<sup>1</sup>Effective when released from service in the United States Navy.

<sup>2</sup>On leave of absence for war service.

- WILLIAM GEORGE HIBBS, B.S., M.D., Associate Professor of Medicine (Rush)  
 HARRY RICHARD HOFFMAN, B.S., M.D., Associate Professor of Psychiatry (Rush),  
 Executive Officer of the Neuropsychiatric Institute, and State Alienist  
 BERTHA ANN KLIEN, M.D., Associate Professor of Ophthalmology (Rush)  
 RALPH AUGUST KORDENAT, M.S., M.D., Associate Professor of Surgery<sup>1</sup>  
 ELEANOR ISABEL LESLIE, M.S., M.D., Associate Professor of Pediatrics (Rush)  
 YALE NORMAN LEVINSON, A.B., M.D., Associate Professor of Medicine (Rush)  
 MRS. MARY MULCAHY LYONS, M.D., Associate Professor of Anaesthesia (Rush)  
 WILLIAM DUNCAN McNALLY, A.B., M.D., Associate Professor of Medicine (Rush)  
 GEORGE E. MILLER, Ph.D., M.D., Associate Professor of Medicine (Rush)  
 EVANS WILLIAM PERNOKIS, M.D., Associate Professor of Medicine (Rush)<sup>1</sup>  
 SIDNEY A. PORTIS, B.S., M.D., Associate Professor of Medicine (Rush)  
 WILLIS JOHN POTTS, A.B., B.S., M.D., Associate Professor of Surgery (Rush)<sup>1</sup>  
 DAVID B. ROTMAN, M.D., Associate Professor of Psychiatry (Rush)  
 HEYWORTH NAYLOR SANFORD, B.S., M.D., Associate Professor of Pediatrics (Rush)  
 HOWARD MARTIN SHEAFF, Ph.D., M.D., Associate Professor of Medicine (Rush)  
 JULIUS LEO SPIVACK, M.D., LL.D., Associate Professor of Surgery  
 FAY HUFFMAN SQUIRE, A.B., M.D., Associate Professor of Radiology (Rush)  
 FRANCIS HOWE STRAUS, B.S., M.D., Associate Professor of Surgery (Rush)<sup>1</sup>  
 RALPH WALDO TRIMMER, M.D., Associate Professor of Medicine (Rush)  
 ROGER THROOP VAUGHAN, Ph.B., M.D., Associate Professor of Surgery (Rush)  
 ADRIEN VERBRUGGHEN, B.M., Ch.M., M.S., Associate Professor of Neurological Surgery  
 (Rush), assigned to Anatomy part time  
 ROBERT VON DER HEYDT, M.D., Associate Professor of Ophthalmology (Rush),  
*Emeritus*  
 THOMAS GERVASE WALSH, A.B., M.D., Associate Professor of Medicine (Rush)<sup>1</sup>  
 CHARLES GRAFTON WELLER, B.S., M.D., Associate Professor of Urology (Rush)  
 MORRIS BRAUDE, M.D., Associate Professor of Psychiatry (Rush)  
 GEORGE GILBERT DAVIS, A.B., M.D., Associate Professor of Surgery (Rush)<sup>1</sup>  
 EUGENE CONSTANTINE PIETTE, A.B., B.S., M.D., Associate Professor of Pathology  
 FRED WILLIAM HARK, B.S., M.D., Associate Professor of Orthopaedic Surgery  
 ISRAEL DAVIDSOHN, M.D., Associate Professor of Pathology (Rush)  
 HILLIER LOCKE BAKER, B.S., M.D., Associate Professor of Surgery (Rush), assigned to  
 Anatomy part time  
 MRS. CARROLL LAFLEUR BIRCH, M.D., M.S., Associate Professor of Medicine  
 HUGH THOMPSON CARMICHAEL, M.D., C.M., M.S., Associate Professor of Psychiatry  
 MARCUS RAYNER CARO, B.S., M.D., Associate Professor of Dermatology  
 MICHAEL HIGGINS EBERT, A.B., M.D., Associate Professor of Dermatology (Rush)  
 JAMES BRYAN EYERLY, B.S., M.D., Associate Professor of Medicine (Rush)  
 CLARK WYLIE FINNERUD, B.S., M.D., Associate Professor of Dermatology (Rush)  
 MAYNARD KIPLINGER HINE, D.D.S., M.S., Associate Professor of Oral Pathology and  
 Clinical Dentistry<sup>2</sup>  
 ABRAHAM RISEL HOLLENDER, M.D., Associate Professor of Laryngology, Rhinology,  
 and Otology  
 MILTON HENRY KRONENBERG, B.S., M.D., Associate Professor of Bacteriology and  
 Public Health  
 PETER CLEMENS KRONFELD, M.D., Associate Professor of Ophthalmology and Director  
 of Education (Eye) in the Illinois Eye and Ear Infirmary  
 LADISLAV JOSEPH MEDUNA, M.D., Associate Professor of Psychiatry  
 RUDOLPH JUSTUS EMANUEL ODEN, A.B., M.D., D.Sc., Associate Professor of Surgery  
 DAVID MORTIMER OLKON, A.M., M.D., Associate Professor of Psychiatry  
 ISIDORE A. RABENS, M.S., M.D., Associate Professor of Medicine  
 OSCAR BENJAMIN RAGINS, M.D., M.S., Associate Professor of Medicine  
 HOWARD JOHN SHAUGHNESSY, Ph.D., Associate Professor of Bacteriology and Public  
 Health  
 ALFRED P. SOLOMON, A.B., M.D., Associate Professor of Psychiatry  
 EUGENE FAGAN TRAUT, B.S., M.D., Associate Professor of Medicine (Rush)  
 BEATRICE DOROTHY WADE, A.B., O.T.R., Associate Professor and Director of Occupa-  
 tional Therapy  
 DEAN ALBERT COLLINS, Ph.D., M.D., Associate Professor of Physiology  
 HAROLD CARL WIGGERS, Ph.D., Associate Professor of Physiology  
 FREDERIC ANDREWS GIBBS, A.B., M.D., Associate Professor of Psychiatry

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Resigned.

CHESTER WILLIAM DARROW, Ph.D., Associate Professor of Criminology  
 NORRIS JULIUS HECKEL, A.B., M.D., Associate Professor of Urology (Rush)  
 CECIL ALEXANDER KRAKOWER, B.S., M.D., C.M., Associate Professor of Pathology  
 EARL RANDALL LOEW, Ph.D., Associate Professor of Pharmacology, Materia Medica,  
 and Therapeutics

#### Assistant Professors

JOHN MICHAEL LANG, M.D., Assistant Professor of Obstetrics and Gynecology,  
*Emeritus*  
 LESTER EDWARD BOWER, A.B., M.D., Assistant Professor of Pediatrics  
 ISADORE BERNHARD DIAMOND, M.D., Assistant Professor of Neurology, *Emeritus*  
 WALTER CHARLES HAMMOND, M.D., Assistant Professor of Obstetrics and Gynecology  
 FRANK LEE STONE, M.D., Assistant Professor of Obstetrics and Gynecology, *Emeritus*  
 FRANKLIN SAMUEL WILSON, Ph.G., M.D., Assistant Professor of Medicine, *Emeritus*  
 JOHN BAPTIST CIPRIANI, M.D., Assistant Professor of Medicine  
 ABRAHAM FAE LASH, M.D., Ph.D., Assistant Professor of Obstetrics and Gynecology  
 DUANE WILLARD PROPST, A.B., B.S., M.D., Assistant Professor of Medicine  
 ALBERT VANDERKLOOT, M.D., Assistant Professor of Medicine  
 FRANK GEORGE MURPHY, B.S., M.D., Assistant Professor of Orthopaedic Surgery<sup>1</sup>  
 ARTHUR GIDEON COLE, Ph.D., Assistant Professor of Biological Chemistry  
 JACOB MORTON MORA, B.S., M.D., Assistant Professor of Surgery<sup>2</sup>  
 CHARLES NEWBERGER, B.S., M.D., Assistant Professor of Obstetrics and Gynecology,  
*Emeritus*  
 HIRAM JASON SMITH, M.D., Assistant Professor of Ophthalmology  
 MICHAEL HENRY STREICHER, M.S., M.D., Assistant Professor of Medicine  
 ROY GILMORE BARRICK, M.D., M.H.D., Assistant Professor of Criminology  
 JOHN JOSEPH THEOBALD, B.S., M.D., Assistant Professor of Laryngology, Rhinology,  
 and Otology  
 WALTER HENRY THEOBALD, B.S., M.D., Assistant Professor of Laryngology, Rhinology,  
 and Otology  
 HUGO OTTO DEUSS, B.S., M.D., Assistant Professor of Medicine  
 THOMAS GORDON HULL, Ph.D., Assistant Professor of Bacteriology and Public Health  
 GEORGE MILLES, Ph.G., M.D., M.S., Assistant Professor of Pathology<sup>1</sup>  
 GUSTAV LEOPOLD ZECHEL, M.D., Assistant Professor of Anatomy, assigned to Surgery  
 part time  
 WALTER WILLIAM DALITSCH, D.D.S., B.S., M.D., Assistant Professor of Medicine and  
 Health Officer<sup>1</sup>  
 FORD KIMMEL HICK, M.D., Ph.D., Assistant Professor of Medicine<sup>1</sup>  
 HAROLD IRVING MEYER, M.S., M.D., Assistant Professor of Surgery  
 SHERMAN LAWRENCE SHAPIRO, B.S., M.D., Assistant Professor of Laryngology, Rhi-  
 nology, and Otology  
 BENJAMIN MORRIS GASUL, M.D., M.S., Assistant Professor of Pediatrics  
 MINAS JOANNIDES, M.D., M.S., Assistant Professor of Surgery  
 JERRY JOSEPH KEARNS, B.S., M.D., Assistant Professor of Pathology<sup>1</sup>  
 ALFRED JULIAN KOBAK, M.D., M.S., Assistant Professor of Obstetrics and Gynecology  
 HARRY LEICHENGER, B.S., M.D., Assistant Professor of Pediatrics  
 BENJAMIN MORDECAI LEVIN, B.S., M.D., Assistant Professor of Pediatrics  
 RICHARD A. LIFVENDAHL, B.S., M.D., Assistant Professor of Obstetrics and Gynecology  
 THEODORE JOHN WACHOWSKI, B.S., M.D., Assistant Professor of Radiology, in charge  
 of the Department, and Assistant Director and Chief of X-ray Therapy in the  
 Outpatient Tumor Clinic  
 STANISLAUS ANDREW SZUREK, M.S., M.D., Assistant Professor of Psychiatry<sup>1</sup>  
 CARL APPLE, B.S., M.D., Assistant Professor of Ophthalmology  
 LOUIS FELDMAN, B.S., M.D., Assistant Professor of Medicine  
 SAMUEL JULIAN HOFFMAN, B.S., M.D., Assistant Professor of Pediatrics<sup>1</sup>  
 HERBERT ELI McDANIELS, Ph.D., Assistant Professor of Bacteriology and Public  
 Health<sup>1</sup>  
 MINNIE OBOLER PERLSTEIN, B.S., M.D., Assistant Professor of Dermatology  
 SOL ROY ROSENTHAL, M.D., Ph.D., Assistant Professor of Bacteriology and Public  
 Health<sup>1</sup>  
 HAROLD CHARLES LUETH, M.D., Ph.D., Assistant Professor of Medicine<sup>1</sup>  
 CLARENCE ALBERT JOHNSON, Ph.D., Assistant Professor of Biological Chemistry  
 ROBERT HENRY KREHBIEL, Ph.D., Assistant Professor of Anatomy

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Deceased February 10, 1945.

- LOUIS ROBERT LIMARZI, M.D., M.S., Assistant Professor of Medicine  
 STEPHEN PANTELIS ANTHONY, M.D., Assistant Professor of Medicine (Rush)  
 MILWARD BAYLISS, Ph.D., M.D., Assistant Professor of Bacteriology and Public Health<sup>1</sup>  
 DAVID SOLOMON BEILIN, B.S., M.D., Assistant Professor of Radiology  
 BERT IRA BEVERLY, A.M., M.D., Assistant Professor of Pediatrics (Rush)  
 HARRY BOYSEN, B.S., M.D., Assistant Professor of Obstetrics and Gynecology (Rush)<sup>1</sup>  
 EDWARD BUCKMAN, B.S., M.D., Assistant Professor of Urology (Rush)  
 PAUL ANDREW CAMPBELL, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology (Rush)<sup>1</sup>  
 JAY BAILEY CARTER, M.S., M.D., Assistant Professor of Medicine (Rush)  
 EDWARD L. CHAINSKI, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology (Rush)  
 IRIS MCKY CHAMBERLAIN, M.D., Assistant Professor of Pediatrics  
 THOMAS COTTRELL, M.D., Assistant Professor of Urology (Rush)  
 CLIFFORD LESTER DOUGHERTY, Ph.C., B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology (Rush)  
 DOROTHY EDWARDS, B.S., M.D., Assistant Professor of Obstetrics and Gynecology (Rush)  
 MORRIS FISHBEIN, B.S., M.D., Assistant Professor of Medicine (Rush)  
 FREDERICK OLAF FREDRICKSON, M.D., Assistant Professor of Medicine (Rush), *Emeritus*  
 HARRY H. FREILICH, M.D., Assistant Professor of Medicine (Rush)  
 EARLE GRAY, B.S., M.D., Assistant Professor of Medicine (Rush)<sup>1</sup>  
 PAUL WEBB GREELEY, A.B., M.D., Assistant Professor of Surgery<sup>1</sup>  
 WILLIAM HENRY HAINES, B.S., M.D., Assistant Professor of Psychiatry (Rush)  
 BENJAMIN H. HILKEVITCH, M.D., Assistant Professor of Medicine (Rush)  
 MAX MARTIN JACOBSON, B.S., M.D., Assistant Professor of Ophthalmology (Rush)<sup>1</sup>  
 ROBERT EASTNOR JOHANNESSEN, B.S., M.D., Assistant Professor of Medicine (Rush)  
 ARTHUR HERMAN KLAWANS, B.S., M.D., Assistant Professor of Obstetrics and Gynecology (Rush)  
 ALVA A. KNIGHT, B.S., M.D., Assistant Professor of Medicine (Rush)  
 STANLEY EDWARD LAWTON, B.S., M.D., Assistant Professor of Surgery (Rush)<sup>1</sup>  
 SIDNEY OLDER LEVINSON, B.S., M.D., Assistant Professor of Pediatrics  
 MEYER RAY LICHTENSTEIN, B.S., M.D., Assistant Professor of Medicine (Rush)<sup>1</sup>  
 CLAYTON JACKSON LUNDY, M.S., M.D., Assistant Professor of Medicine (Rush)<sup>1</sup>  
 ROBERT PRESTON MACFATE, Ch.E., Ph.D., Assistant Professor of Pathology and Assistant Director of the Hospital Laboratory  
 FOSTER LAMONT McMILLAN, B.S., M.D., Assistant Professor of Surgery<sup>1</sup>  
 CHARLES DUSTIN PARKER, B.S., M.D., Assistant Professor of Urology (Rush)<sup>1</sup>  
 FRED OWEN PRIEST, A.B., M.D., Assistant Professor of Obstetrics and Gynecology (Rush)  
 THOMAS PAINE SALTIEL, B.S., M.D., Assistant Professor of Pediatrics  
 GORDON HILBERT SCOTT, M.D., Assistant Professor of Laryngology, Rhinology, and Otology (Rush)  
 ABRAHAM M. SERBY, B.S., M.D., Assistant Professor of Medicine (Rush)  
 MRS. ELIZABETH KALES STRAUS, A.B., M.D., Assistant Professor of Medicine (Rush)  
 CHARLES KLAUS STULIK, Ph.G., Ph.C., B.S., M.D., Assistant Professor of Pediatrics (Rush)  
 ANDREW J. SULLIVAN, B.S., M.D., Assistant Professor of Urology (Rush)  
 FRANK VICTOR THEIS, B.S., M.D., Assistant Professor of Surgery (Rush)<sup>1</sup>  
 OLIVER EDMOND VAN ALYEA, M.D., Assistant Professor of Laryngology, Rhinology, and Otology  
 LINDEN JOSEPH WALLNER, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology (Rush)<sup>1</sup>  
 RICHARD WATKIN WATKINS, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology (Rush)  
 WILLARD LEO WOOD, M.S., M.D., Assistant Professor of Medicine (Rush)  
 LEWIS W. WOODRUFF, B.S., M.D., Assistant Professor of Medicine (Rush)<sup>1</sup>  
 HAROLD CARL STRUCK, Ph.D., Assistant Professor of Pharmacology, Materia Medica, and Therapeutics  
 DISRAELI WILLIAM KOBAK, M.D., Assistant Professor of Medicine (Rush)  
 EUGENE ISIDORE FALSTEIN, B.S., M.D., Assistant Professor of Criminology<sup>1</sup>

<sup>1</sup>On leave of absence for war service.

- MRS. ADELAIDE MCFADYEN JOHNSON, Ph.D., M.D., Assistant Professor of Criminology  
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*Emeritus*  
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 WILLIAM JAMES KIRBY, B.S., M.D., Associate in Medicine (Rush)<sup>1</sup>  
 ROSS STANLEY LANG, A.M., M.D., Associate in Medicine (Rush)

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VERNON MAYNE LEECH, M.D., Associate in Ophthalmology (Rush)  
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 ESTHER FRANKEL, M.D., Associate in Medicine (Rush)  
 FRANCIS WILLIAM HETREED, B.S., M.D., Associate in Dermatology (Rush)<sup>1</sup>  
 CARL IRENEUS, JR., M.D., M.S., Associate in Surgery, assigned to Anatomy part time  
 MRS. YOLANDA SIMIZ JOHNSON, Ph.B., LL.B., Associate in Medical and Dental Juris-  
 prudence  
 BENJAMIN PEARLMAN, B.S., M.D., Associate in Medicine  
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 MRS. MARIE WESSELS, A.B., B.S., M.D., Associate in Medicine  
 JAMES LISLE WILLIAMS, A.M., M.D., Associate in Medicine  
 JAMES MADISON DILLE, Ph.D., Associate in Physiology<sup>2</sup>  
 FRED WILLIAM KASCH, M.S., Associate in Physical Education for Men  
 MRS. FRANCES CRANDELL PERCE, M.S., Associate in Criminology  
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 MRS. SOPHIE SCHROEDER SLOMAN, B.S., M.D., Associate in Criminology  
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<sup>1</sup>On leave of absence for war service.<sup>2</sup>Resigned.



## Lecturers

RODNEY HOWE BRANDON, Lecturer in Public Welfare Administration  
LAWRENCE JOSEPH LINCK, M.S., Lecturer in Public Administration and Director of the  
Division of Services for Crippled Children

## Instructors

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ZACHARY A. BLIER, M.S., M.D., Instructor in Medicine (Rush)<sup>1</sup>

<sup>1</sup>On leave of absence for war service.<sup>2</sup>On leave of absence until January 1, 1945.<sup>3</sup>Deceased September 16, 1944.

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 FRANK HERMAN FOWLER, M.D., Instructor in Surgery  
 MILTON GOLDBERG, A.B., M.D., Instructor in Criminology, Social Hygiene, and Medical Jurisprudence  
 JEROME SAUL MEHLMAN, A.B., M.D., Instructor in Medicine<sup>1</sup>  
 HARRY NICK PETRAKOS, B.S., M.D., Instructor in Medicine  
 HAROLD ALAN ROTH, A.B., B.S., M.D., Instructor in Surgery<sup>1</sup>  
 HERBERT JULIUS SCHMIDT, M.D., Instructor in Orthopaedic Surgery  
 WILLIAM ROBERT SLADEK, B.S., M.D., Instructor in Medicine<sup>1</sup>  
 ALBERT H. SLEPYAN, B.S., M.D., Instructor in Dermatology<sup>1</sup>  
 MRS. ELEANOR BURTON HARDING, M.S., Instructor in Medicine and Parasitologist  
 ROBERT JOSEPH JENSIK, M.S., M.D., Instructor in Pathology  
 WILLIAM PHILIP KLEITSCH, M.S., M.D., Instructor in Surgery<sup>1</sup>  
 PAUL KRAUT WEICHELBAUM, M.D., M.S., Instructor in Dermatology  
 MICHAEL ZELLER, M.D., Instructor in Medicine  
 FRANK JOSEPH WALSH, M.D., Instructor in Obstetrics and Gynecology  
 JOSEPH MORTON LUBITZ, A.B., M.D., Instructor in Pathology  
 WILLIAM IRWIN METZGER, M.S., Instructor in Bacteriology and Public Health

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Resigned.

- ERNST CRONHEIM, M.D., Instructor in Medicine  
 ERNST HAASE, M.D., Instructor in Neurology  
 VALLEY EILEEN HECKEL, A.B., M.D., Instructor in Anaesthesia (Rush)  
 GERT HEILBRUNN, M.D., Instructor in Psychiatry  
 LOUIS ALOIS HOLUB, B.S., M.D., Instructor in Surgery<sup>1</sup>  
 REINHOLD ENOCH JOHNSON, B.S., M.D., Instructor in Medicine  
 ROLAND LINCOLN KESLER, A.B., M.D., Instructor in Medicine (Rush)  
 CHARLES I. LEFF, B.S., M.D., Instructor in Medicine (Rush)  
 LEON STANLEY SHALLA, B.S., M.D., Instructor in Anatomy  
 JOSEPH B. TETON, B.S., M.D., Instructor in Obstetrics and Gynecology  
 JOSEPH GALE, B.S., M.D., Instructor in Laryngology, Rhinology, and Otology  
 THEODORE CONSTANTINE MOUZAKEOTIS, B.S., M.D., Instructor in Obstetrics and Gynecology  
 MRS. VIRGINIA TARLOW, B.S., M.D., Instructor in Psychiatry  
 ROBERT MITCHELL CRAIG, A.B., M.D., Instructor in Dermatology  
 FRANZ EDUARD HIRSCH, M.D., Instructor in Pathology  
 JOHN JAMES FAHEY, M.D., Instructor in Orthopaedic Surgery  
 ISABEL MARCH, B.S., O.T.R., Instructor in Occupational Therapy and Supervisor of Medical-Surgical Division  
 WILLIAM FULLER BARNFIELD, D.D.S., Instructor in Oral Pathology  
 ERWIN ANGRES, M.D., Instructor in Criminology, Social Hygiene, and Medical Jurisprudence  
 SOL J. BENENSOHN, B.S., M.D., Instructor in Obstetrics and Gynecology  
 MYRON CLYDE BENFORD, B.S., M.D., Instructor in Ophthalmology and Head of the Outpatient Department in the Research and Educational Hospitals  
 CATHERINE S. BIRDSALL, A.B., Instructor in Occupational Therapy and Supervisor of the Orthopaedic-Surgical Division  
 ASHLEY MOSS BRAND, B.S., M.D., Instructor in Obstetrics and Gynecology  
 SAMUEL JACOBS BURROWS, M.D., Instructor in Anatomy  
 SOL THERON DELEE, M.S., M.D., Instructor in Obstetrics and Gynecology  
 MRS. CATHERINE LINDSAY DOBSON, B.S., M.D., Instructor in Obstetrics and Gynecology  
 LOUIS EIDIN, B.S., M.D., Instructor in Medicine  
 HENRY HALLEY, A.B., M.D., Instructor in Pathology (Rush)  
 KENNETH M. MORSE, M.S., Instructor in Bacteriology and Public Health  
 WILLIAM JAMES NOLAN, M.D., Instructor in Psychiatry (Rush)  
 EDMUND VICTOR PELLETTIERE, B.S., M.D., Instructor in Laryngology, Rhinology, and Otology  
 BERNARD SKORODIN, M.D., M.S., Instructor in Psychiatry  
 JOHN JAMES BOCIAN, B.S., M.D., Instructor in Pathology  
 GERTRUDE ELIZABETH HOWE, B.S., M.D., Instructor in Pediatrics  
 LAWRENCE WILLIAM PETERSON, M.D., M.S., Instructor in Surgery  
 KENNETH CARL ROBBINS, Ph.D., Instructor in Biological Chemistry  
 BENJAMIN BERNARD KOPSTEIN, B.S., M.D., Instructor in Pediatrics  
 JOSEPH CLIFFORD McCAFFREY, M.S., M.P.H., Instructor in Bacteriology and Public Health  
 LOUISE ERMA TAVS, A.B., M.D., Instructor in Dermatology  
 MRS. RUTH LAMBERT BROMBERG, A.M., (Clinical Psychologist) Instructor in Psychiatry  
 HENRY H. RUBIN, B.S., M.D., Instructor in Bacteriology and Public Health

#### Assistants

- ADELIN RAWSON WHITE, B.S., M.D., Assistant in Anatomy, *Emerita*  
 HOWARD JACK LEVINE, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 HARRY ROBERT SCHWARTZ, B.S., M.D., Assistant in Medicine  
 ARTHUR HARRY LEVINE, B.S., M.D., Assistant in Medicine  
 ROBERT BARNARD LEWY, B.S., M.D., Assistant in Laryngology, Rhinology, and Otology<sup>1</sup>  
 ALF J. HOLM, A.B., M.D., Assistant in Urology<sup>1</sup>  
 SALVATORE ANTHONY DIMICELI, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 JOHN O. HANSON, B.S., M.D., Assistant in Surgery<sup>1</sup>  
 BEN GERALD FISHKIN, A.B., M.D., Assistant in Pathology<sup>1</sup>  
 EUGENE GETTELMAN, B.S., M.D., Assistant in Pediatrics<sup>1</sup>  
 ABRAHAM ALVIN WOLF, B.S., M.D., Assistant in Pediatrics<sup>1</sup>  
 LEWIS JAMES ROSSITER, M.S., Assistant in Obstetrics and Gynecology and in Surgery<sup>2</sup>

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence beginning January 11, 1945.

- FRANK CHARLES HOFRICHTER, B.S., M.D., Assistant in Surgery<sup>1</sup>  
 DAVID KLEIMAN, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 JOHN KENNETH SOKOL, A.B., M.D., Assistant in Urology<sup>1</sup>  
 MORRIS WILLIAM RUBENSTEIN, B.S., M.D., Assistant in Medicine  
 KENNETH MAYNARD STOBART, B.S., Assistant in Pathology and in the Hospital Laboratory
- ALFRED JOSEF GOLDYNE, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 LAWRENCE BRESLOW, A.B., M.D., Assistant in Pediatrics<sup>1</sup>  
 ANNE BOHNING, A.B., M.D., Assistant in Pediatrics (Rush)  
 EDWARD GRAHAM EVANS, B.S., M.D., Assistant in Obstetrics and Gynecology<sup>1</sup>  
 ANTON F. FEHR, M.D., Assistant in Surgery (Rush)  
 JOHN WESLEY FOSTER, A.B., LL.B., M.D., Assistant in Medicine (Rush)<sup>1</sup>  
 REUBEN B. GAINES, A.B., M.D., Assistant in Urology (Rush)<sup>1</sup>  
 KEMPTON L. GERMAN, A.B., M.D., Assistant in Urology (Rush)<sup>1</sup>  
 MYRON WILLARD LARSON, B.S., M.D., Assistant in Medicine (Rush)<sup>1</sup>  
 NOAH BERNARD LEVIN, B.S., M.D., Assistant in Medicine (Rush)<sup>1</sup>  
 CLARENCE WEBSTER MONROE, B.S., M.D., Assistant in Surgery (Rush)<sup>1</sup>  
 EURIPIDES NITTIS, M.D., Assistant in Surgery (Rush)  
 HAROLD DONALD OMENS, M.D., Assistant in Dermatology (Rush)  
 THADDEUS ALOYSIUS POREMSKI, B.S., M.D., Assistant in Urology<sup>1</sup>  
 GRACE BERNICE RHODES, A.M., Assistant in Bacteriology (Rush)  
 ARLAND SETH ROMBERGER, B.S., M.D., Assistant in Urology (Rush)  
 RALPH HORACE SCULL, B.S., M.D., Assistant in Dermatology (Rush)  
 WILLIE MARY STEPHENS, A.M., M.D., Assistant in Neurology (Rush)  
 JACK WEINBERG, M.D., B.S., Assistant in Psychiatry<sup>1</sup>  
 NORMAN TURNER WELFORD, M.D., Assistant in Pediatrics (Rush)<sup>1</sup>  
 HARDIN EDWARD COEN, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 FRIEDY B. HEISLER, B.S., M.D., Assistant in Psychiatry  
 HUBERT HUGH BEGUESSE, B.S., M.D., Assistant in Psychiatry  
 JACOB LOUIS MARKS, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 WOODROW GLEN MOSS, A.B., Assistant in Physiology  
 JOSEPH FLORENCE, M.D., Assistant in Medicine<sup>1</sup>  
 GEORGE JOSEPH BREBIS, M.S., M.D., Assistant in Medicine<sup>1</sup>  
 CLIFFORD HENRY PETERS, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 WILLIAM PORTER SWISHER, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 ROGER ALAN VAN ATTA, B.S., M.D., Assistant in Ophthalmology<sup>1</sup>  
 GEORGE DANIEL KAISER, M.D., M.S., Assistant in Surgery  
 MILTON L. GOLDBERG, M.D., M.S., Assistant in Physiology<sup>2</sup>  
 JEROME SALLAN BEIGLER, A.B., M.D., Assistant in Psychiatry<sup>1</sup>  
 MRS. HELEN BLAKE CARLSON, Ph.D., M.D., Research Assistant in Psychiatry, assigned to the University of Chicago
- RAYMOND FRANCIS CORPE, B.S., M.D., Assistant in Surgery<sup>1</sup>  
 RUSSELL CLARENCE HANSELMAN, A.B., M.D., Assistant in Surgery (Rush)<sup>1</sup>  
 JEROME JACK LUBIN, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 BARNEY MALBIN, A.B., M.D., Assistant in Medicine (Rush)<sup>1</sup>  
 VIRGINIA KIPKE PIERCE, B.S., M.D., Assistant in Obstetrics and Gynecology  
 JACOB RUBIN, M.D., Assistant in Medicine (Rush)  
 CHARLES HENRY STUBENRAUCH, JR., M.D., M.S., Assistant in Dermatology  
 AUDREY LAGERQUIST WILSON, B.S., M.D., Assistant in Radiology  
 DELMA WELLS CALDWELL, B.S., M.D., Assistant in Medicine (Rush)  
 ZEPHANIAH BEALL CAMPBELL, JR., B.S., M.D., Assistant in Obstetrics in Gynecology (Rush)
- FRANK JOSEPH CERNY, B.S., M.D., Assistant in Ophthalmology<sup>1</sup>  
 MARGARET HIE-DING LIN, A.M., M.D., Assistant in Surgery  
 STEPHEN WILLIAM SUKUMLYN, M.D., Assistant in Ophthalmology  
 HARRY COTELL, B.S., M.D., Assistant in Medicine  
 HAROLD HARRY DUBNER, M.D., Ph.D., Assistant in Criminology, Social Hygiene, and Medical Jurisprudence
- RALPH MARVIN DORNE, B.S., M.D., Assistant in Ophthalmology<sup>1</sup>  
 LOUIS LAMS, A.B., M.D., Assistant in Neurology<sup>1</sup>  
 HARRY SHUGER, B.S., M.D., Assistant in Medicine  
 CHARLES SHERIDAN TEXTOR, II, M.S., M.D., Assistant in Surgery (Rush)<sup>1</sup>

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Resigned.

- MOREY CHAPMAN, B.S., M.D., Assistant in Medicine<sup>1</sup>  
 HARVEY HORWITZ, B.S., M.D., Assistant in Medicine  
 ALBERT RALPH ROSANOVA, B.S., M.D., Assistant in Medicine  
 MEYER BARNEY COHEN, B.S., M.D., Assistant in Anatomy  
 OWEN GERARD McDONALD, B.S., M.D., Assistant in Surgery (Rush)<sup>1</sup>  
 HARRY PEPPER MAXWELL, B.S., M.D., Assistant in Neurology and Neurological Surgery  
 MRS. MURIEL HARDEN SVEC, M.S., Assistant in Bacteriology and Public Health  
 MRS. MARTHE LOYSON GASSMANN, M.D., Research Assistant in Psychiatry, assigned to  
 Loyola University  
 GAETANO ATTILIO BICA, B.S., M.D., Assistant in Medicine  
 ROBERT GERALD CANHAM, Assistant in Physiology  
 MAX HELIX CUTLER, B.S., M.D., Assistant in Laryngology, Rhinology, and Otolaryngology  
 CARL BRADEN DAVIS, JR., A.B., M.D., Assistant in Surgery (Rush)  
 BETTY DELSON, B.S., M.D., Assistant in Medicine  
 EDSON FAIRBROTHER FOWLER, M.D., M.S., Assistant in Surgery  
 MRS. VIVIAN NOSKIN GERBER, B.S., Assistant in Bacteriology and Public Health<sup>2</sup>  
 ESLIE HARTMAN, A.B., M.D., Assistant in Medicine  
 MAURICE MICHAEL HOELTGEN, B.S., M.D., Assistant in Laryngology, Rhinology, and  
 Otolaryngology  
 BURTON CONWELL KILBOURNE, M.D., Assistant in Surgery  
 HENRY GEORGE LONSDALE, M.D., Assistant in Neurology<sup>2</sup>  
 STISCIE STELLA MIZENBERG, B.S., Assistant in Pediatrics  
 EUGENE JOHN RANKE, B.S., M.D., Assistant in Medicine  
 DALE ARTHUR ROLD, M.D., Assistant in Obstetrics and Gynecology (Rush)  
 IRENE SHMIGELSKY, M.D., Assistant in Pediatrics (Rush)  
 MRS. KATHARINE W. WRIGHT, B.S., M.D., Research Assistant in Psychiatry, assigned  
 to Northwestern University  
 JOHN BAABA YONAN, B.S., M.D., Assistant in Medicine  
 ROBERT JOSEPH GLENNER, B.S., M.D., Assistant in Obstetrics and Gynecology  
 JOHN T. GREGORIO, M.D., Assistant in Medicine  
 ELLIS HAROLD HARRIS, B.S., M.D., Assistant in Pediatrics<sup>1</sup>  
 WILLIAM SAUL KROGER, B.S., M.D., Assistant in Obstetrics and Gynecology  
 RALPH GEORGE RIGBY, A.B., M.D., Assistant in Laryngology, Rhinology, and Otolaryngology  
 HELEN RUTH BEISER, M.S., M.D., Assistant in Pathology  
 HERMAN PAUL CARSTENS, M.S., M.D., Assistant in Medicine  
 HOWARD RUSSELL HONE, B.S., M.D., Assistant in Obstetrics and Gynecology  
 HENRIETTA KATZ, B.S., M.D., Assistant in Medicine  
 HAROLD EDWARD SMITH, B.S., M.D., Assistant in Obstetrics and Gynecology  
 KURT EICHELBAUM, M.D., Assistant in Orthopaedic Surgery  
 EDWIN ALLEN OHLER, M.S., Assistant in Physiology  
 EVERETT WILLIAM SCHAEFFER, M.D., Assistant in Anaesthesia  
 RISLEY JOHN MADI, M.D., Assistant in Ophthalmology (Rush)<sup>1</sup>  
 CHESTER BADOLLET POWELL, B.S., M.D., Assistant in Neurology and Neurological  
 Surgery  
 PAUL WALTERS SNOWDEN, B.S., M.D., Assistant in Radiology (Rush)  
 RUSSELL BIGELOW WILLIAMS, A.B., M.D., Assistant in Surgery (Rush)  
 EDGAR OSGOOD BREAKSTONE, Ph.G., B.S., M.D., Assistant in Ophthalmology<sup>1</sup>  
 MRS. LEAH FISHER, B.S., M.D., Assistant in Medicine  
 HARRY KAEHL, B.S., M.D., Assistant in Orthopaedic Surgery  
 SALVADORE ALPHONSO LASK, B.S., M.D., Assistant in Surgery  
 JOHN WAGNER BROWN, B.S., Assistant in Physical Education for Men  
 MRS. ERNA LEONHARDT GIBBS, Research Assistant in Psychiatry  
 MRS. PHYLLIS MRAZEK ORLAND, A.B., M.D., B.S., Assistant in Pediatrics  
 JOSEPH S. ANGELL, M.D., Assistant in Obstetrics and Gynecology (Rush)  
 CARL F. BAUMEISTER, B.S., M.D., Assistant in Medicine  
 BENJAMIN W. BREISTER, M.D., Assistant in Obstetrics and Gynecology (Rush)  
 WILLIAM E. BRETZ, B.S., M.D., Assistant in Medicine (Rush)  
 MRS. DOROTHY ANNE CHESS, B.S., M.D., Assistant in Obstetrics and Gynecology  
 MARTIN FISHKIN, B.S., M.D., Assistant in Medicine  
 MAURICE GEPHARDT, M.D., Assistant in Medicine  
 MARY E. KOSTALEK, B.S., M.D., Assistant in Medicine (Rush)  
 RICHARD J. KULASAVAGE, A.B., M.D., Assistant in Medicine

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Resigned.

HERMAN A. MERCER, B.S., M.D., Assistant in Ophthalmology  
 DORIS A. NAAB, B.S., Assistant in Bacteriology and Public Health<sup>1</sup>  
 HELEN LOWE RHETTA, A.B., M.D., Assistant in Medicine  
 THEODORE R. SHERROD, M.S., Assistant in Pharmacology, Materia Medica, and Therapeutics  
 PIERCE WILLIAM THEOBALD, A.B., M.D., Assistant in Laryngology, Rhinology, and Otolaryngology  
 PAUL P. BOSWELL, A.B., M.D., Assistant in Dermatology  
 ALAN ALBERT LIEBERMAN, B.S., M.D., Assistant in Neurology  
 ERICH PASCHKES, M.D., Assistant in Criminology, Social Hygiene, and Medical Jurisprudence, and in Psychiatry  
 JOHN PAUL YOUNG, JR., A.B., B.S., M.D., Assistant in Surgery  
 GEORGE DAVID AMROMIN, B.S., M.D., Assistant in Pathology  
 FRANK WILLIAM BAILEY, A.M., M.D., Assistant in Neurological Surgery (Rush)  
 FRANCES FRIEWER, A.B., Assistant in Bacteriology and Public Health  
 LEONARD JAY GALLANT, A.B., M.D., Assistant in Neurology and Neurological Surgery  
 WILLIAM H. SCHWARZENDRUBER, A.B., Assistant in Bacteriology and Public Health  
 KURT SPRINGER, M.D., Assistant in Laryngology, Rhinology, and Otolaryngology  
 HERBERT E. BESSINGER, B.S., Assistant in Physiology  
 ZELDA TEPLITZ, M.D., M.S., Research Assistant in Psychiatry, assigned to the University of Chicago  
 ROBERT ELLIS CHASE, B.S., M.D., Assistant in Obstetrics and Gynecology  
 CARL JOHN GRAF, M.D., Assistant in Neurology and Neurological Surgery  
 DAVID SINCLAIR HARMAN, M.D., Research Assistant in Psychiatry  
 MUTSUMI NOBE, Ph.C., M.S., Assistant in Biological Chemistry  
 CARL WILHELM WEIDENHEIM, B.S., M.D., Assistant in Radiology  
 HAROLD WESLEY ANDERSON, M.D., Assistant in Laryngology, Rhinology, and Otolaryngology  
 MRS. JANE ELEANOR POND, B.S., Assistant in Nutrition  
 ALEXANDER M. BUCHHOLZ, M.S., M.D., Assistant in Dermatology  
 STEPHEN MATTHEW CHASTEN, M.S., M.D., Assistant in Pathology  
 DONALD CAMERON LAMONS, B.S., M.D., Assistant in Medicine  
 ESTHER RUTH PIZER, B.S., M.D., Assistant in Medicine  
 ANTHONY R. SAPIENZA, B.S., M.D., Assistant in Medicine

## COLLEGE OF DENTISTRY

### Professors\*

ALLAN GIBSON BRODIE, D.D.S., Ph.D., Professor of Orthodontia, Head of the Department, and Acting Dean of the College of Dentistry  
 FREDERICK BOGUE NOYES, A.B., D.D.S., D.Sc., LL.D., Professor of Orthodontia and Dean of the College of Dentistry, *Emeritus*  
 DONALD MACKAY GALLIE, D.D.S., Professor of Clinical Operative Dentistry, *Emeritus*  
 GEORGE WALTER DIITMAR, D.D.S., Professor of Prosthetic Dentistry, *Emeritus*  
 DAVID JOHN DAVIS, M.D., Ph.D., Professor of Pathology and Dean of the College of Medicine, *Emeritus*  
 LOUIS SCHULTZ, D.D.S., M.D., Professor of Oral Surgery and Pathology, *Emeritus*  
 JULIUS HAYS HESS, M.D., Professor of Pediatrics, *Emeritus*  
 WILLIAM HENRY WELKER, Ph.D., D.Sc., Professor of Biological Chemistry and Head of the Department  
 FRANCIS EUGENE SENEAR, M.D., M.S., Professor of Dermatology and Head of the Department in the College of Medicine  
 ALBERT BACHEM, Ph.D., Professor of Biophysics  
 OTTO FREDERIC KAMPMEIER, Ph.D., M.D., Professor of Anatomy and Head of the Department  
 ROBERT WOOD KEETON, M.S., M.D., Professor of Medicine and Head of the Department in the College of Medicine  
 JOHN SANFORD KELLOGG, D.D.S., Professor of Prosthetic Dentistry  
 WACLAW HOWARD KUBACKI, D.D.S., Professor of Prosthetic Dentistry  
 STANLEY DANIEL TYLMAN, D.D.S., M.S., Professor of Prosthetic Dentistry  
 WALTER JOHN RICHARD CAMP, M.D., Ph.D., Professor of Pharmacology, Materia Medica, and Therapeutics<sup>2</sup>

\*Members of the University Senate (see also pages 42 and 59).

<sup>1</sup>Resigned. <sup>2</sup>On leave of absence until January 1, 1945.

- ISAAC SCHOUR, D.D.S., Ph.D., D.Sc., Professor of Histology and Head of the Department<sup>1</sup>
- GEORGE EARLE WAKERLIN, Ph.D., M.D., Professor of Physiology and Head of the Department
- GERHARDT VON BONIN, M.D., Professor of Anatomy
- ROBERT GEORGE KESEL, D.D.S., M.S., Professor of Applied Materia Medica and Therapeutics, and Head of the Department
- ARNOLD ALBERT ZIMMERMANN, D. ès S., Professor of Anatomy
- SAMUEL AZOR LEVINSON, M.S., M.D., Professor of Pathology, assigned to Medicine part time, and Director of the Hospital Laboratory
- CHARLES ELLIOT HATCH, D.M.D., Professor of Operative Dentistry, Head of the Department, and Director of Clinics
- HENRY GEORGE PONCHER, M.D., Professor of Pediatrics and Head of the Department
- CARLOS ISAAC REED, Ph.D., Professor of Physiology
- EDMUND F. FOLEY, B.S., M.D., Professor of Medicine
- HUGH ALISTER MCGUIGAN, Ph.D., M.D., Professor of Pharmacology, Materia Medica, and Therapeutics, *Emeritus*
- MILAN VACLAV NOVAK, Ph.D., M.D., Professor of Bacteriology and Public Health, and Head of the Department
- GRANVILLE ALLISON BENNETT, B.S., M.D., A.B., Professor of Pathology and Head of the Department
- OTTO SAPHIR, M.D., Professor of Pathology
- GEORGE JOHN RUKSTINAT, B.S., M.D., Professor of Pathology (Rush)

#### Associate Professors

- OLAF BERGEIM, Ph.D., Associate Professor of Biological Chemistry
- ISADORE PILOT, M.D., B.S., Associate Professor of Pathology, assigned to Medicine part time<sup>1</sup>
- ALEXANDER JOHN NEDZEL, M.D., M.S., Associate Professor of Pathology
- THEODORE CORNBLEET, M.D., Ph.D., Associate Professor of Dermatology
- YNGVE JORANSON, A.B., B.S., M.D., Associate Professor of Anatomy, *Emeritus*
- RICHARD LOCKWOOD WEBB, Ph.D., Associate Professor of Anatomy
- ISADORE PAT BRONSTEIN, B.S., M.D., Associate Professor of Pediatrics
- PARKE HARVEY SIMER, Ph.D., Associate Professor of Anatomy
- MRS. CARROLL LAFLEUR BIRCH, M.D., M.S., Associate Professor of Medicine
- MARCUS RAYNER CARO, B.S., M.D., Associate Professor of Dermatology
- MAYNARD KIPLINGER HINE, D.D.S., M.S., Associate Professor of Oral Pathology and Clinical Dentistry<sup>2</sup>
- DEAN ALBERT COLLINS, Ph.D., M.D., Associate Professor of Physiology
- HAROLD CARL WIGGERS, Ph.D., Associate Professor of Physiology
- ISRAEL DAVIDSOHN, M.D., Associate Professor of Pathology (Rush)
- CECIL ALEXANDER KRAKOWER, B.S., M.D., C.M., Associate Professor of Pathology

#### Assistant Professors

- ARTHUR GIDEON COLE, Ph.D., Assistant Professor of Biological Chemistry
- MRS. NELL SNOW TALBOT, A.M., Assistant Professor of Medical and Dental History, and Assistant to the Dean of the College of Dentistry
- GEORGE MILLES, Ph.G., M.D., M.S., Assistant Professor of Pathology<sup>1</sup>
- ELSIE GERLACH, D.D.S., Assistant Professor of Operative Dentistry and Superintendent of the Children's Clinic
- EDWARD JOHN KREJCI, D.D.S., Assistant Professor of Operative Dentistry, and Examiner in the Admitting Clinic<sup>3</sup>
- GUSTAV LEOPOLD ZECHEL, M.D., Assistant Professor of Anatomy, assigned to Surgery part time
- LOUIS WILLIAM SCHULTZ, D.D.S., B.S., M.D., Assistant Professor of Oral Surgery, assigned to the Research and Educational Hospitals
- WILLIAM BENHAM DOWNS, D.D.S., M.S., Assistant Professor of Orthodontia
- WALTER WILLIAM DALITSCH, D.D.S., B.S., M.D., Assistant Professor of Medicine and Health Officer<sup>1</sup>
- FRANK FOLBERT KANTHAK, B.S., D.D.S., M.D., Assistant Professor of Oral Surgery and Oral Pathology, and Head of the Medico-Dental Diagnostic Clinic<sup>1</sup>

<sup>1</sup>On leave of absence for war service.      <sup>2</sup>Resigned.

<sup>3</sup>On leave of absence beginning September 1, 1944.

EDWARD CHARLES WACH, Ph.G., D.D.S., M.S., Assistant Professor of Applied Materia Medica and Therapeutics  
 MINNIE OBOLER PERLSTEIN, B.S., M.D., Assistant Professor of Dermatology  
 FRED NORMAN BAZOLA, D.D.S., Assistant Professor of Prosthetic Dentistry  
 HENRY JOHN DROBA, D.D.S., Assistant Professor of Oral Surgery  
 CLARENCE ALBERT JOHNSON, Ph.D., Assistant Professor of Biological Chemistry  
 ELI OLECH, D.D.S., M.S., Assistant Professor of Oral Surgery  
 MARGOT ULLOA, B.S., D.D.S., Assistant Professor of Operative Dentistry, assigned to Oral Anatomy and Comparative Odontology part time  
 VEIKKO OSCAR HURME, D.M.D., Assistant Professor of Operative Dentistry  
 KAY LEE THOMPSON, D.D.S., Assistant Professor of Oral Surgery (Rush)  
 ROBERT EDWARD LEE, M.S., M.D., Assistant Professor of Medicine and Health Officer  
 RAYMOND CLIFFORD INGRAHAM, Ph.D., Assistant Professor of Physiology  
 MAURY MASSLER, D.D.S., M.S., Assistant Professor of Histology and Director of the Child Research Clinic  
 THEODORE JOHN WACHOWSKI, B.S., M.D., Assistant Professor of Radiology, in charge of the Department, and Assistant Director and Chief of X-ray Therapy in the Outpatient Tumor Clinic  
 MILWARD BAYLISS, Ph.D., Assistant Professor of Bacteriology and Public Health<sup>1</sup>  
 ZAKARIAS JOHN ORDAL, Ph.D., Assistant Professor of Bacteriology and Public Health

#### Associates

ROBERT KNIGHTON BAXTER, D.D.S., Associate in Operative Dentistry  
 BEULAH GRATTAN NELSON, D.D.S., M.S., Associate in Dentistry for Children  
 MARSHALL FREDERICK GRUNWALD, D.D.S., M.S., Associate in Applied Materia Medica and Therapeutics  
 MILO BERNHARDT HATTENHAUER, D.D.S., Associate in Prosthetic Dentistry  
 EDGAR HERMAN ARTHUR KRAMP, D.D.S., M.S., Associate in Applied Materia Medica and Therapeutics  
 FRANK CHARLES BESIC, D.D.S., Associate in Operative Dentistry  
 ROBERT DANE CURTIS, B.S., D.D.S., Associate in Prosthetic Dentistry  
 MERRILL H. KILLIP, D.D.S., Associate in Oral Surgery (Rush)  
 JOHN ROBERT THOMPSON, D.D.S., M.S., Associate in Histology  
 PAUL BOSTIAN, A.B., D.D.S., Associate in Prosthetic Dentistry  
 EDWARD HARRY RAGAN, B.S., D.D.S., Associate in Prosthetic Dentistry  
 JAMES MADISON DILLE, Ph.D., Associate in Physiology<sup>2</sup>

#### Lecturers

MRS. YOLANDA SIMIZ JOHNSON, Ph.B., LL.B., Lecturer in Medical Jurisprudence

#### Instructors

ANITA MARIE ELLINGSON, R.N., Ph.B., Instructor in Applied Materia Medica and Therapeutics  
 ANNA RIEKE, A.B., R.N., Instructor in Oral Surgery  
 ERNEST W. MYER, D.D.S., M.S., Instructor in Orthodontia  
 MAX ELEAZER FISCH, M.S., M.D., Instructor in Anatomy  
 ABRAHAM GOLDSTEIN, D.D.S., M.S., Instructor in Orthodontia  
 EMIL JAMES STEIN, M.D., Instructor in Anatomy<sup>1</sup>  
 DAVID BERMAN, D.D.S., M.S., Instructor in Applied Materia Medica and Therapeutics  
 JOHN MONROE SPENCE, D.D.S., M.S., Instructor in Histology and in Dentistry for Children<sup>1</sup>  
 FRED HERZBERG, D.D.S., M.S., Instructor in Oral Anatomy<sup>1</sup>  
 VICTOR HUGO DIETZ, D.D.S., M.S., Instructor in Operative Dentistry<sup>1</sup>  
 JACOB ABRAHAM GLASSMAN, M.D., M.S., Instructor in Anatomy<sup>1</sup>  
 JAMES ALBERT GAGNON, B.S., D.D.S., Instructor in Histology  
 CECIL WALDEMAR FORSLUND, D.D.S., Instructor in the Admitting Clinic  
 MAX GRATZINGER, M.D., D.D.S., M.S., Instructor in Applied Materia Medica and Therapeutics  
 WALDEMAR ARTHUR LINK, A.B., B.S., D.D.S., Instructor in Operative Dentistry  
 WILLIAM IRWIN METZGER, M.S., Instructor in Bacteriology and Public Health

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.



JOSEF JOEL SAMORS, D.D.S., Instructor in Oral Surgery  
 KENNETH CLINTON WASHBURN, B.S., D.D.S., Instructor in Operative Dentistry  
 PAUL KRAUT WEICHELBAUM, M.D., M.S., Instructor in Dermatology  
 WILLIAM FULLER BARNFIELD, D.D.S., Instructor in Oral Pathology  
 WALTER MAYNE, B.S., M.D., Instructor in Oral Surgery  
 ARTHUR ELFENBAUM, A.B., D.D.S., Instructor in Prosthetic Dentistry  
 KENNETH CARL ROBBINS, Ph.D., Instructor in Biological Chemistry

#### Assistants

RICHARD HOLIC, B.S., D.D.S., Assistant in Prosthetic Dentistry<sup>1</sup>  
 ROGER KENNETH STOCKTON, B.S., D.D.S., Assistant in Prosthetic Dentistry<sup>1</sup>  
 GEORGE WALTER DITTMAR, JR., A.B., B.S., D.D.S., Assistant in Prosthetic Dentistry<sup>1</sup>  
 WAYNE JOSEPH KINSINGER, B.S., D.D.S., Assistant in Prosthetic Dentistry<sup>1</sup>  
 DONALD LUDDEN McELROY, D.D.S., Assistant in Applied Materia Medica and Therapeutics  
 LADDIE JOSEPH KULHANEK, B.S., D.D.S., Assistant in Prosthetic Dentistry  
 WOODROW GLEN MOSS, A.B., Assistant in Physiology  
 GLEN EUGENE BONE, B.S., D.D.S., Assistant in Prosthetic Dentistry  
 RUDOLPH GEORGE WEIHE, B.S., D.D.S., Assistant in Prosthetic Dentistry  
 WALDEMAR JOSEPH KWICINSKI, B.S., D.D.S., Assistant in Prosthetic Dentistry  
 MEYER BARNEY COHEN, B.S., M.D., Assistant in Anatomy  
 MILTON L. GOLDBERG, M.D., M.S., Assistant in Physiology<sup>2</sup>  
 ROBERT VICTOR RIEMER, D.D.S., Assistant in Prosthetic Dentistry  
 PETER ANTON WLODKOWSKI, D.D.S., Assistant in Oral Surgery  
 EDWIN JOSEPH HIRSCHTICK, B.S., D.D.S., Assistant in Applied Materia Medica and Therapeutics  
 HARRY ROBERT SHEPARD, B.S., D.D.S., Assistant in Applied Materia Medica and Therapeutics

### COLLEGE OF PHARMACY

#### Professors\*

EARL ROY SERLES, Ph.G., Ph.D., Professor of Pharmacy and Dean of the College of Pharmacy  
 ALBERT HENRY CLARK, Ph.G., M.S., Professor of Chemistry and Acting Dean of the College of Pharmacy, *Emeritus*  
 EDMUND NORRIS GATHERCOAL, Pharm.M., Professor of Pharmacognosy, *Emeritus*  
 GEORGE EARLE WAKERLIN, Ph.D., M.D., Professor of Physiology and Head of the Department in the College of Medicine  
 GEORGE LEWIS WEBSTER, Ph.G., Ph.D., Professor of Chemistry  
 ELMER HAUSER WIRTH, Ph.C., Ph.D., Professor of Pharmacognosy and Pharmacology  
 WALTER JOHN RICHARD CAMP, M.D., Ph.D., Professor of Pharmacology, Materia Medica and Therapeutics<sup>3</sup>  
 MILAN VACLAV NOVAK, Ph.D., M.D., Professor of Bacteriology and Public Health, and Head of the Department in the College of Medicine

#### Associate Professors

RALPH EUGENE TERRY, Ph.G., M.S., Associate Professor of Pharmacy  
 HUGH LESLIE DAVIS, Ph.D., Associate Professor of Chemistry

#### Assistant Professors

HERBERT MARTIN EMIG, Ph.G., M.S., Assistant Professor of Pharmacy  
 CHARLES WILDMAN CLARKE, M.S., Assistant Professor of Chemistry  
 FRANK THOMAS MAHER, Ph.D., Assistant Professor of Pharmacognosy and Pharmacology  
 RALPH FERDINAND VOIGT, Ph.D., Assistant Professor of Pharmacognosy and Pharmacology  
 JACOB KLEINBERG, Ph.D., Assistant Professor of Chemistry  
 ERNST RUDOLF KIRCH, Ph.C., Ph.D., Assistant Professor of Chemistry

\*Members of the University Senate (see also pages 42 and 56).

<sup>1</sup>On leave of absence for war service. <sup>2</sup>Resigned.

<sup>3</sup>On leave of absence until January 1, 1945.

**Associates**

SHERMAN WILLIAM MORRISON, Ph.C., M.S., Associate in Pharmacy and Chief Pharmacist in the Hospital Pharmacy  
 LEWIS ELBERT MARTIN, Ph.G., A.M., Associate in Pharmacy  
 PAUL DAVID CARPENTER, Ph.G., M.S., Associate in Botany and Zoology  
 RODERICK WHARLEY SPENCE, Ph.D., Associate in Chemistry<sup>1</sup>  
 LAWRENCE TEMPLETON, Ph.C., M.S., Associate in Pharmacy  
 MISCAL LEON FIERKE, M.S., Associate in Physics  
 JAMES EDGAR DAVIS, A.M., Associate in Mathematics  
 LESTER CHARLES DOLK, Ph.D., Associate in English  
 ROBERT MARTIN BESANCON, A.M., Associate in Physics and Mathematics<sup>1</sup>

**Lecturers**

SAMUEL SHKOLNIK, Ph.G., LL.M., Lecturer in Pharmaceutical Jurisprudence

**Instructors**

BYRL E. BENTON, M.S., Instructor in Pharmacy

**Assistants**

WILLIAM ROBERT COLLINS, Ph.C., B.S., Assistant in Pharmacy and Assistant Pharmacist in the Hospital Pharmacy

**LIBRARY STAFF**

ROBERT BINGHAM DOWNS, M.S., Litt.D., Director of the University Library  
 PHINEAS LAWRENCE WINDSOR, Ph.B., Litt.D., Director of the University Library,  
*Emeritus*  
 MARY LOIS BULL, A.M., Administrative Assistant  
 WILLIA KATHRYN GARVER, B.L.S., Assistant University Librarian (Acquisitions)  
 ARNOLD HERMAN TROTIER, A.M., Assistant University Librarian (Cataloging)  
 JOSIE BATCHELLER HOUCHEŃS, B.L.S., A.M., Assistant University Librarian (Personnel and Binding)  
 LEWIS CAPERS BRANSCOMB, JR., A.M., Assistant University Librarian (Public Service Departments)

**Acquisition Department**

GEORGE BERDINE BROWN, A.M., Assistant Acquisition Librarian and Bibliographer<sup>1</sup>  
 HELEN LUCILE MCINTYRE, M.S., Acting Assistant Acquisition Librarian and Bibliographer  
 KATHLEEN MARGARET RUCKMAN, A.M., Gift and Exchange Librarian  
 LUCY VERA KEPLER, A.M., Periodical Librarian  
 DORIS FLEMING, A.B., B.S., Periodical Assistant  
 MARY ROBERTS, B.S., Periodical Assistant  
 MAURINE COLLINS, A.M., Exchange Reviser  
 RUTH HARDIN, M.S., Documents Assistant<sup>2</sup>  
 MARJORIE F. RUMBLE, A.M., Bibliographer  
 ROLLAND ELWELL STEVENS, A.B., B.S., Acquisition Assistant<sup>1</sup>  
 DE LAFAYETTE REID, JR., B.Journ., B.S., Acquisition Assistant<sup>1</sup>  
 MARTIN ELLIOTT THOMAS, A.M., Acquisition Assistant<sup>1</sup>  
 EVELYN MARGUERITE ROGIER, B.S., Acquisition Assistant  
 HELEN MARGARET WELCH, A.M., B.S., Bibliographer  
 GEORGIA ROSE COFFIN, A.B., B.S., Bibliographer  
 IDA ELIZABETH RAULINS, A.B., B.S., Acquisition Assistant  
 RUTH IRIS CARAWAY, A.B., B.S., Exchange Assistant  
 MRS. IRENE WARRENBURG DEFFENBAUGH, A.B., B.S., Periodical Assistant  
 DORATHEA W. FRIEDRICH, B.S., Exchange Assistant<sup>2</sup>  
 EMMA LOUISE GENTZKE, A.B., B.S., Exchange Assistant  
 ALMEDA LENA LEAKE, A.B., Periodical Assistant<sup>2</sup>

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.

MARGARET BORLAND MARKLE, B.S., Exchange Assistant  
 HENDRINE ROZENDAL, A.M., Bibliographer  
 MRS. FERN DEBECK DAVIS, A.M., Bibliographer  
 MRS. MARGARET OTIS FIELDS, A.B., Exchange Assistant

#### Catalog Department

ELEANOR MABEL ROBERTSON, A.B., B.L.S., Assistant Catalog Librarian  
 MRS. KATHERINE MCGRAW WHEELER, A.B., B.L.S., Catalog Reviser  
 CLEO LICHTENBERGER, B.S., B.L.S., Catalog Reviser  
 ESTHER WILLARD ANELL, A.B., B.L.S., Serial Reviser  
 META MARIA SEXTON, A.M., B.L.S., Cataloger  
 CHRISTOPHER URDAHL FAYE, A.M., M.S., Bibliographic Consultant and Cataloger  
 MARY ABEGAIL MANN, A.M., B.L.S., Serial Cataloger<sup>1</sup>  
 CLARISSA OLIVIA LEWIS, A.M., Cataloger  
 JAMES GERARD BAKER, A.M., Cataloger<sup>2</sup>  
 JANET GERTRUDE BULLEN, M.S., Cataloger  
 DOROTHY ELIZABETH HEICKE, A.M., Serial Cataloger  
 MARIAN HARMAN, Ph.D., Cataloger  
 RUTH LOUISE SCHWEICKART, B.S., Serial Cataloger<sup>2</sup>  
 IRENE CARROLL FORD, A.B., B.S., Cataloger  
 MRS. LELLIA SWEARINGEN MCLAUGHLIN, B.S., Assistant in charge of the Card Division  
 JOHANNES LEOPOLD DEWTON, Jur.D., M.S., Cataloger  
 MARJORIE ELIZABETH VIVIAN, A.M., Serial Cataloger  
 BARBARA BITTING, A.B., B.S., Serial Cataloger  
 REBECCA BRIGGS, A.M., Serial Cataloger  
 ALICE LOUISE BOYD, A.M., B.S., Cataloger  
 FLOWEREE HECKERT, A.B., B.S., Cataloger  
 EDITH MAY MARSHALL, A.M., Cataloger  
 MRS. LUCILE WRIGHT ALLEN, B.S., Serial Cataloger  
 EVERETT BRIGGS CALDWELL, B.S., Cataloger  
 MARY ELLEN COUCH, B.S., Cataloger  
 ELEANOR RUTH LEITER, B.S., Cataloger  
 ELEANOR FRANCES MATTHEWS, A.B., B.S., Cataloger  
 MRS. LOIS RIFFLE BAMBER, M.S., Cataloger  
 MAY SMITH, M.S., Serial Cataloger  
 MRS. RUTH WHITLOCK JACKSON, A.M., Cataloger

#### Circulation Department

EMMA REED JUTTON, B.L.S., Circulation Librarian  
 HELEN STEWART, A.M., Assistant Circulation Librarian  
 CECILIA MCCARTHY, A.M., Extension Loans Librarian  
 MRS. THEO BROXHOLM NELSON, A.B., B.S., North Reserve Book Room Librarian  
 LEROY LILLARD QUALLS, A.M., Newspaper Librarian<sup>2</sup>  
 ROBERT WILSON KIDDER, A.M., Circulation Assistant<sup>2</sup>  
 THOMAS HAROLD CAHALAN, A.B., B.S., Newspaper Librarian  
 JOE WALKER KRAUS, A.M., Circulation Assistant<sup>2</sup>  
 JIMMIE DECK, A.M., Reserve Book Room Librarian<sup>3</sup>  
 ELEANOR BLUM, A.B., B.S., Freshman Reading Room Librarian  
 SARAH REBECCA REED, A.B., B.S., Book Stacks Librarian  
 ROBERT DAVIS CAMPBELL, A.B., B.S., Circulation Assistant<sup>3</sup>  
 MARY HENRIETTA ARNTZEN, B.Ed., B.S., Circulation Assistant  
 CECILIA MARY KINGSLEY, A.B., Circulation Assistant  
 MARJORIE JOYCE NELSON, A.B., B.S., Circulation Assistant  
 RUTH CRAIGIE NEWCOMB, A.B., B.S., Circulation Assistant  
 DONALD ARTHUR WOODS, A.B., B.S., Circulation Assistant  
 MRS. CARLENE TULLER HOLLY, A.B., B.S., Circulation Assistant

#### Binding Department

ALBERTA AVIS AULD, A.B., B.S., Binding Reviser  
 MARGARET JEAN LOKKE, A.B., B.S., Binding Assistant  
 JEAN HALL, A.B., B.S., Binding Assistant

<sup>1</sup>Deceased January 27, 1945.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>Resigned.

## Reference Department

ALICE SARAH JOHNSON, A.B., B.L.S., Reference Librarian  
 FANNY DUNLAP, Ph.B., B.L.S., Reference Librarian  
 DOROTHY MILLER BLACK, A.M., Assistant Reference Librarian  
 DOROTHY ELNA PARRISH, A.M., Reference Assistant  
 EVERETT THOMSON MOORE, A.M., Reference Assistant<sup>1</sup>  
 VIRGINIA LISTER IRWIN, A.B., B.S., Reference Assistant  
 RUTH CONSTANCE PIER, A.M., Reference Assistant<sup>2</sup>  
 M. HELEN PERKINS, A.B., B.S., Reference Assistant  
 MRS. NELLIE MORRIS MILES, A.M., B.L.S., Reference Assistant

## Departmental Libraries—Urbana

HAZEL YEARSLEY SHAW, A.M., Commerce and Sociology Librarian  
 NELLE MARIE SIGNOR, A.B., B.L.S., History and Political Science Librarian  
 CHARLES EDWIN JANVRIN, Ph.B., B.L.S., Librarian, Natural History, *Emeritus*  
 MARY GLADYS BURWASH, A.B., B.L.S., Agriculture Librarian  
 HILDA JOSEPHINE ALSETH, A.B., B.L.S., Engineering Librarian  
 MRS. BERNITA JEWELL DAVIES, A.B., LL.B., B.S., Law Librarian  
 IDA TOD, B.S., Education, Philosophy, and Psychology Librarian, *Emerita*  
 ELVIN SCHUYLER WARRICK, A.M., Mathematics Librarian  
 FLORENCE MARIE HARDING, A.M., Modern Languages Librarian  
 EVALENE VIRGINIA KRAMER (MRS. W. S. ANGUS), M.S., University High School Librarian  
 MRS. EUNICE COLLINS MOHR, A.B., B.S., Journalism Librarian<sup>1</sup>  
 EVA FAYE BENTON, A.M., M.S., English Librarian  
 LYLE EDWARD BAMBER, M.S., Natural History Librarian  
 ISABELLE FITCH GRANT, A.M., Rare Book Room Librarian  
 MRS. EVALYN REICH NELSON, A.M., Education, Philosophy, and Psychology Acting Librarian  
 SYLVIA CORAL GILMORE, M.S., Browsing Room Librarian  
 LOUIS AUGUSTINE KENNEY, A.B., B.S., Engineering Library Assistant<sup>1</sup>  
 THOMAS EDWARD RATCLIFFE, JR., A.B., B.S., Agriculture Library Assistant<sup>1</sup>  
 CERILLA ELIZABETH SAYLOR, M.S., Architecture Librarian  
 CHARLES RICHARD KNAPP, JR., Ph.B., B.S., Law Library Assistant<sup>1</sup>  
 HELEN MARGARET REYNOLDS, B.F.A., A.B., B.S., Architecture Library Assistant  
 NADINE CHRISTENA BANISTER, A.B., Natural History Library Assistant  
 FRANCES CAROL BROOKS, A.B., Education, Philosophy, and Psychology Library Assistant  
 JOSEPH ALLEN, JR., A.M., B.S., Music Librarian  
 MRS. BETTY PEARCE ARPER, B.S., Chemistry Librarian  
 DONNA DOROTHY FINGER, A.M., Library School Librarian  
 EDITH CARRINGTON JONES, Ph.D., Classics Librarian  
 MARY MARGARET McPHERSON, A.B., B.L.S., Engineering Library Assistant  
 KATHRYN EMMA PARKE, A.B., B.S., Education, Philosophy, and Psychology Library Assistant  
 MURIEL HOPE PARRY, Map Librarian  
 FLORENCE RIMAN, A.B., B.S., Law Library Assistant  
 MARGARET ANN WERNER, A.B., B.S., Agriculture Library Assistant  
 RUTH MARIE BALDWIN, A.B., B.S., Illini Union Browsing Room Assistant  
 RUTH WILLIAMINA NIMTZ, A.B., B.S., Illini Union Browsing Room Librarian  
 ADA ELIZABETH SCHWARTZ, A.B., B.S., Journalism Librarian  
 MRS. HAZEL KUNTZ WIESE, A.B., B.S., University High School Library Assistant  
 CATHERINE ANNE PEARCE, A.B., B.L.S., Journalism Library Assistant

## Medicine, Dentistry, and Pharmacy Library—Chicago

METTA MAY LOOMIS, Librarian, *Emerita*  
 WILMA ALLENE TROXEL, A.M., Librarian  
 MARGARET MARY BATES, Assistant Librarian  
 MRS. DOROTHEA M. WHEELER, Pharmacy Reference Assistant  
 LORENA CLARKE, A.M., Cataloger  
 RUTH ARNHOLD, A.M., Cataloger  
 KATHRYN MARIE PRICE, A.B., Circulation and Reference Assistant

<sup>1</sup>On leave of absence for war service.<sup>2</sup>Resigned.

University Staff Summary (Including Both Full-time and Part-time Positions) April 1, 1945

Instruction	Professors		Associate Professors		Assistant Professors		Associates		Lecturers		Instructors		Assistants		Total		TOTAL
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Liberal Arts and Sciences.....	71	1	45	2	48	10	37	6	0	1	36	18	70	99	307	137	444
Commerce.....	15	0	9	0	13	1	3	2	0	0	3	1	0	1	43	6	49
Engineering.....	42	0	18	0	27	0	25	0	3	0	22	0	11	1	148	1	149
Agriculture.....	55	4	7	1	17	6	10	7	0	0	1	2	7	5	97	5	122
Education.....	8	0	7	1	13	2	3	3	0	0	6	0	4*	10 <sup>a</sup>	41	16	57
Fine and Applied Arts.....	18	0	6	1	18	5	9	1	0	0	12	3	1	2	64	12	76
Journalism.....	4	0	2	0	3	0	1	0	0	0	2	1	0	0	12	1	13
Law.....	8	0	1	0	1	0	0	0	0	0	0	0	0	0	10	0	10
Library Science.....	1	0	2	0	2	5	0	3	0	0	1	6	0	2	6	18	24
Military Science.....	2	1	2	0	3	0	4	0	0	0	0	0	0	0	10	0	10
Physical Education.....	2	1	2	0	7	4	4	3	0	0	16	4	6	3	37	15	52
Hygiene.....	1	1	0	0	2	0	2	1	0	0	2	1	0	0	7	3	10
Sub-total, Urbana..... (226)	(8)	(101)	(7)	(154)	(33)	(98)	(26)	(3)	(1)	(101)	(36)	(99)	(123)	(782)	(234)	(1,016)	(1,016)
Medicine.....	67	0	93	5	129	7	107	8	2	0	(134)	16	125	21	657	57	714 <sup>b</sup>
Dentistry.....	7	0	0	0	9	4	10	1	0	0	15	2	13	0	54	7	61 <sup>c</sup>
Pharmacy.....	3	0	2	0	6	0	9	0	1	0	1	0	1	0	23	0	23
Sub-total, Chicago..... (77)	(0)	(95)	(5)	(144)	(11)	(126)	(9)	(0)	(0)	(150)	(18)	(139)	(21)	(734)	(64)	(798)	(798)
Total, Instruction.....	303	8	196	12	208	44	224	35	6	1	251	54	238	144	1,516	293	1,814

Research and Extension

Agricultural Experiment Station (including 93 men and 6 women also counted under Instruction).....	101	25	186
Engineering Experiment Station (including 21 men also counted under Instruction).....	73	0	73
Other Research (including 4 men also counted under Instruction).....	24	13	37
Extension Service in Agriculture and Home Economics, and University Extension (including 12 men and 7 women also counted under Instruction).....	56	29	85
Total, Research and Extension.....	(314)	(67)	(381)
Deduct duplicates (counted under Instruction).....	(130)	(13)	(143)
Net Total, Research and Extension.....	184	54	238

Administration and Library

Administrative Officers (including 32 men also counted under Instruction).....	45	1	46
Administrative Assistants (including 34 men and 2 women also counted under Instruction).....	72	16	88
Library (including 5 men and 11 women also counted under Instruction).....	23	102	125
Total, Administration and Library.....	(140)	(119)	(259)
Deduct duplicates (counted under Instruction).....	(71)	(13)	(84)
Net Total, Administration and Library.....	69	106	175

Total, Instruction, Research, Extension, Administration, and Library

Total, Instruction, Research, Extension, Administration, and Library.....	1,769	458	2,227
Retired Staff Members.....	89	10	99
GRAND TOTAL.....	1,858	468	2,326 <sup>d</sup>

<sup>a</sup>Teachers in University High School. There are also 64 school teachers cooperating with the College of Education who are not counted in this table.  
<sup>b</sup>Including 516 men and 36 women on the clinical staff without salary.  
<sup>c</sup>Including 10 men and 1 woman on the clinical staff without salary, and excluding 48 men and 2 women on the staff of the College of Medicine who cooperate in the College of Dentistry.  
<sup>d</sup>Including 430 members on leave of absence for war service.

# GENERAL INFORMATION

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## LOCATION

THE MAIN CAMPUS OF THE UNIVERSITY OF ILLINOIS IS situated partly in the city of Urbana and partly in the city of Champaign, in Champaign County, about fifty miles northeast of the geographical center of the state. The two municipalities form one community of approximately fifty thousand people. The railway, express, mail, telegraph, and telephone services of both cities are available to the University.

The College of Medicine, the College of Dentistry, and the College of Pharmacy are located in Chicago, near the Cook County Hospital.

The land occupied by the University includes the Urbana campus, 435 acres; the Chicago campus, 12 acres; airport, 770 acres; forest preserves, 150 acres, and agricultural experiment fields, 1,296 acres, in Champaign County; experiment farms in twenty-four other counties, 700 acres; farms which are investments of endowment funds, 1,298 acres.

The Astronomical Observatory on the Urbana campus is at latitude 40° 6' 20.2" north, longitude 88° 13' 28" west from Greenwich; the elevation is 236 meters (741 feet) above sea level.

## HISTORY AND ADMINISTRATION

The University was originally incorporated as the Illinois Industrial University, by an act of the General Assembly of Illinois, February 28, 1867, in accordance with the "Morrill Land Grant College Act" whereby the national government gave to each state in the Union public land scrip equal to 30,000 acres for each senator and representative in Congress, for "the endowment, support, and maintenance of, at least, one college, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislatures of the states may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." This congressional act, approved by Abraham Lincoln on July 2, 1862, was the culmination of a movement developed as early as 1850 by Jonathan Baldwin Turner, a citizen of Jacksonville, Illinois, whose "Plan for a State University for the Industrial Classes" had advocated such legislation.

In addition to the original endowment, Congress has made provision for the land-grant institutions by supplementary acts carrying annual appropriations, which in most cases are for specific purposes. The principal support of the University of Illinois is provided by the State of Illinois, through biennial appropriations made by the General Assembly.

When the University was opened, March 2, 1868, the faculty consisted of the Regent and two professors, and about fifty students were enrolled. During the first term another instructor was added, and the number of students increased to seventy-seven—all men. Instruction was given in algebra, geometry, physics, history, rhetoric, and Latin. In the autumn of 1868 a chemistry laboratory was provided, and in 1869 laboratory work in botany was begun. In 1870 a shop was

equipped with tools and machinery, to start the first shop instruction given in any American university. Beginning in 1870, women were admitted as students on the same terms as men, and since that time women have constituted from one-sixth to one-third of the total enrollment. By the original state law the University could not grant diplomas and degrees; certificates showing the studies pursued, and the grades in each, were awarded instead. As these certificates were unsatisfactory, the General Assembly in 1877 gave authority to confer degrees and issue diplomas. In 1885 the General Assembly changed the name of the institution from the Illinois Industrial University to the University of Illinois.

The original state law placed the University under the control of a Board of Trustees, consisting of the Governor, the Superintendent of Public Instruction, and the President of the State Board of Agriculture, who were members *ex officio*, and twenty-eight citizens appointed by the Governor. The chief executive officer was called the Regent and was made *ex officio* a member of the Board and presiding officer of both the Board of Trustees and the faculty. In 1873 the number of Trustees was reduced to eleven—the Governor and the President of the State Board of Agriculture, *ex officio*, and nine others, who were still appointed by the Governor. Since 1873 the President of the Board of Trustees has been elected annually by the Board from its own membership. In 1887 the General Assembly passed a law making membership in the Board elective at a general state election and restoring the Superintendent of Public Instruction as a member *ex officio*; there were then three *ex officio* and nine elected members. Under the Illinois Civil Administrative Code enacted in 1917, the office of the President of the State Board of Agriculture was abolished January 1, 1919. There are now, therefore, eleven Trustees, two *ex officio* and nine elected.

The office of executive head of the University has been held by nine persons: Dr. John Milton Gregory, Regent from 1867 to 1880; Dr. Selim Hobart Peabody, Regent *pro tempore* from 1880 to 1881, and Regent from 1881 to 1891; Dr. Thomas Jonathan Burrill, Acting Regent from 1891 to 1894; Dr. Andrew Sloan Draper, President from 1894 to 1904; Dr. Edmund James James, President from 1904 to 1920; Dr. David Kinley, Acting President from 1919 to 1920, and President from 1920 to 1930; Dr. Harry Woodburn Chase, President from 1930 to 1933; Dr. Arthur Hill Daniels, Acting President from 1933 to 1934; and Dr. Arthur Cutts Willard, President since 1934.

The administration of the University is vested by the Board of Trustees in the President, the Provost, the Senate, the Faculties of the Colleges and Schools, the Deans of the Colleges, the Directors of the Schools, and the General Administrative Officers. The Council, an advisory body, consists of the President, the Provost, the Executive Dean of the Chicago Colleges, the Dean of the Graduate School, the Dean of each College, the Director of each independently organized School, the Director of the Library, the Director of the Summer Semester, the Director of the Division of Special Services for War Veterans, and three members of the Senate.

Regulations adopted by the Board of Trustees for the guidance of the staff of the University were called *By-Laws* until 1901, when the term *Statutes* was applied. In 1908 a comprehensive revision of the Statutes was adopted, and from time to time thereafter separate articles were amended. From 1931 to 1934 new regulations relating particularly to the educational and administrative organization of the University were formulated, and these were included in a revised edition issued in 1936.

The present colleges, schools, and other divisions of the University, which are described in later sections of this book, came into existence as follows:

*Liberal Arts and Sciences.*—Some courses in which instruction had been given from the beginning in March, 1868, were first grouped in the College of Literature, Science, and Art in 1870. After several reorganizations in the next forty years of growth, the College of Literature and the College of Science were united in 1913 to form the present College of Liberal Arts and Sciences. Divisions in this college are Biological Sciences (since 1934); Language and Literature (1935); Social Sciences (1935); and Division of General Studies (1940).

*Agriculture.*—Instruction in agriculture, which had been begun in 1868 as a department, was organized as the College of Agriculture in 1870. Courses in home economics, called domestic science and art when first given in 1874, have been administered as a department of this college since 1901. The Agricultural Experiment Station was organized in 1888. The Extension Service in Agriculture and Home Economics originated in the Smith-Lever Act of 1914.

*Engineering.*—Courses in mechanics and engineering were first offered in 1869, and were included in the College of Engineering in 1870. The Engineering Experiment Station was established in 1903.

*Military Training.*—In compliance with both federal and state laws, the Department of Military Science was established "as part of the regular and necessary means of education" in the original organization of the University in 1868. Acts of Congress in 1916 and 1920 provided for the Reserve Officers' Training Corps. A program for training engineers and other specialists for the Army and Navy began in 1943.

*Graduate School.*—Although courses were not offered under the name of the Graduate School until 1892, individual members of the faculty in many departments had carried on research for more than twenty years perviously, and graduate work for advanced degrees was offered as early as 1880. Members giving instruction for graduate credit were first organized as a separate faculty under a dean in 1906.

*Summer Session.*—The University's first summer session, lasting four weeks, was held in 1894. In the summers of 1896-1898 courses of study were conducted only at the University's Biological Experiment Station on the Illinois River. In 1899, when the regular summer session was reopened at Urbana, the giving of summer courses (usually six or eight weeks) became a permanent policy. The summer term was lengthened to twelve weeks in 1942 and to sixteen weeks in 1943. Courses primarily for teachers are offered during the first eight weeks of the summer term.

*Library Science.*—The Library School originated in 1893 as the School of Library Economy at the Armour Institute of Technology in Chicago. It became a part of the University of Illinois in 1897 when it was transferred to Urbana. (Since that time its director has also had charge of the University Library, which began with one thousand volumes in 1868.)

*Law.*—The School of Law was first organized in 1897, and its name was changed to the College of Law in 1900.

*Music.*—Courses in music, some of which had been begun in 1872, were reorganized when the School of Music was established in 1895. This school became a part of the College of Fine and Applied Arts in 1931.

*Pharmacy.*—The Chicago College of Pharmacy, founded in 1859, became the School of Pharmacy of the University of Illinois in 1896, and its name was changed to the College of Pharmacy in 1932.

*Medicine.*—The College of Physicians and Surgeons of Chicago, incorporated in 1881, became affiliated with the University of Illinois in 1897. Its name was changed to the College of Medicine in 1900, and its property was transferred to the University in 1913. Rush Medical College and Presbyterian Hospital in Chicago have been affiliated with the College of Medicine since 1941. By an act of the General Assembly in 1941, the Research and Educational Hospital and the Illinois Surgical Institute for Children were transferred to the University from the State Department of Public Welfare; the Division of Services for Crippled Children, formerly in that Department, was placed under the jurisdiction of the University. The Illinois Neuropsychiatric Institute, the Illinois Eye and Ear Infirmary, and the Institute for Juvenile Research,



which also are located on the Chicago campus, operate under an agreement between the University and the Department of Public Welfare.

*Dentistry.*—The Columbian Dental College, established in 1892 and named the Illinois School of Dentistry in 1898, was first affiliated with the University in 1901, and its name was changed to the College of Dentistry in 1905.

*Commerce.*—The College of Commerce and Business Administration was organized in 1915, to include the courses in business administration established by a special appropriation of the General Assembly in 1901, which had replaced the earlier courses in commercial subjects. The Bureau of Economic and Business Research originated in 1921 as a department of this college.

*Education.*—The School of Education, which was established in 1905 to conduct courses for the training of teachers, was renamed the College of Education in 1918, in which year the Bureau of Educational Research was organized.

*Journalism.*—The School of Journalism was established in 1927. For twenty-five years prior to that date, instruction in journalism had been administered by the Department of English.

*Fine and Applied Arts.*—The College of Fine and Applied Arts was established in 1931, to administer the courses in art, architecture, landscape architecture, and music. The Bureau of Community Planning was established in this college in 1934.

*Physical Education.*—The Departments of Physical Education for Men and for Women and the Department of Health Service were combined in 1932 to form the School of Physical Education. In 1943 the Department of Health Service was placed under the supervision of the Dean of Students.

*University Press.*—A continuous program of publications has been carried on since 1900, when a general series of "University Studies" was begun. The work of editing, printing, and publishing was centralized in 1918 by the establishment of the University Press.

*Radio Station.*—The University's first broadcasting station, WRM, was operated from 1922 to 1926 in the Electrical Engineering Laboratory. Station WILL was constructed in 1926 on the north campus at Urbana, partly through a gift of \$40,000 by Boetius H. Sullivan as a memorial to his father, Roger C. Sullivan. Its transmitter on the south campus was installed in 1938, and its studios have been in Gregory Hall since 1942.

*University Extension.*—The Division of University Extension was organized in 1933, when correspondence courses were first offered. This division, which has also administered extramural courses since 1936, includes Visual Aids Service (established in 1932), Speech Aids Service (1935), and Engineering Extension (1941).

*Institutional Research.*—The Bureau of Institutional Research has existed since 1933 as an agency for collecting and analyzing facts with reference to various phases of operation of the University.

*Student Personnel Bureau.*—Originating in 1937 as a counseling service for students in the College of Liberal Arts and Sciences, the Student Personnel Bureau was made an independent administrative unit in 1942.

*Division of Special Services for War Veterans.*—The Division of Special Services for War Veterans was established in 1944 to act as a flexible agency to study the needs of veterans and to determine and make use of the best means of receiving, counseling, and providing for them.

*Small Homes Council.*—The Small Homes Council was established in 1944 for the purpose of informing the general public on matters pertaining to home design, construction, maintenance, and ownership, by means of publications and approved forms of demonstration.

### Related Organizations with Headquarters on the Urbana Campus

*Alumni Association.*—First organized in 1873 by the Classes of '72 and '73, the University of Illinois Alumni Association adopted most of its present constitution in 1913. Its current program of activities was begun in 1941. (See page 449.)

*Athletic Association.*—The University Athletic Association, first organized in 1883, has operated under faculty control since 1891. Directors are appointed annually by the University Board of Trustees. (See page 450.)

*University of Illinois Foundation.*—Incorporated in 1935, as an outgrowth of the "Alumni Fund" which had been established in 1925, the University of Illinois Foundation is a non-profit corporation under the laws of the State of Illinois. (See page 448.)

*University Retirement System.*—Created by an act of the General Assembly in 1941, the University Retirement System of Illinois provides disability and death benefits and retirement annuities for participating employees of the University, the State Normal Universities and Teachers Colleges, and the State Scientific Surveys. (See page 461.)

*State Scientific Surveys.*—The Natural History Survey, Geological Survey, and Water Survey, Divisions of the State Department of Registration and Education, operate under the Illinois Civil Administrative Code enacted in 1917. (See page 452.)

*United States Soybean Laboratory.*—The United States Department of Agriculture has maintained a soybean laboratory on the Urbana campus since 1936. (See page 441.)

## BUILDINGS

THERE ARE 87 buildings on the main campus at Urbana-Champaign, 37 buildings on the experiment farms in Champaign County, and 7 buildings on the Chicago campus. The principal buildings, listed by colleges or according to use, with the dates of erection, are as follows:

### College of Liberal Arts and Sciences

Astronomical Observatory (1896).

Botany Annex and Greenhouse (1914).

Chemistry Annex (1930-31).

Gregory Hall (1939-40).

Harker Hall (erected, 1878, as the Chemical Laboratory; remodeled 1902 for the College of Law; remodeled 1927 and assigned in part to the Department of Entomology; portion of second floor remodeled 1930 and assigned to the Department of Botany; name changed in 1941).

Lincoln Hall (1911; addition, 1928-29).

Mathematics Building (erected, 1918, as stack addition to the Library; remodeled with addition, 1926; assigned to Mathematics, 1927).

Natural History Building (erected, 1892; additions, 1909 and 1921).

Noyes Laboratory of Chemistry (erected, 1901-02, as the Chemistry Laboratory; addition, 1914-15; name changed in 1939).

Vivarium (erected 1915-16).

### College of Commerce and Business Administration

Commerce Building (1925).

### College of Engineering

Aeronautical Engineering Laboratory (erected, 1912, as the Locomotive Testing Laboratory; name changed in 1944).

Arthur Newell Talbot Laboratory (erected, 1928-29, as Materials Testing Laboratory; name changed in 1938).

Ceramic Engineering Building (1915-16).

Ceramics Laboratory (1913).

Civil Engineering Surveying Building (erected 1904-05, as the Horticultural Service Building; remodeled for surveying in 1923).

Electrical Engineering Annex (erected, 1898, as a power plant).

Electrical Engineering Laboratory (erected, 1898; remodeled, 1929).

Engineering Hall (1894).

Machine Tool Laboratory (1895).

Mechanical Engineering Laboratory (1905; addition, 1910; remodeled, 1917 and 1929).

Mining and Metallurgical Laboratory (1913; addition, 1936).

Nuclear Radiations Laboratory (erected, 1931, as State Geological Survey Research Laboratory, with garage added, 1932; name changed, 1940).

Physics Laboratory (1909).

Sanitary Engineering Laboratory (1943).  
Transportation Building (1912; addition, 1921).  
Wood Shop and Foundry (1901-02).

### College of Agriculture

Agriculture Building, Old (1900).  
Agriculture Building, New (1922-23).  
Agricultural Engineering Building (erected, 1906-07, as the Farm Mechanics Building; tractor laboratory added, 1923; name changed, 1932).  
Agronomy Greenhouse (erected, 1900; rebuilt, 1912).  
Agronomy Seed House (1929).  
Animal Pathology Laboratory (erected, 1904-05, as a beef cattle building; assigned to Animal Pathology, 1919).  
Cattle Feeding Plant (first unit, 1917; second unit, 1925; third unit, 1930; scale house, 1936).  
Dairy Barn, for pure-bred stock (1924-25).  
Dairy Experiment Round Barns (1913).  
Dairy Manufactures Building (1925).  
Floriculture Service Building and Greenhouses (1912-13; addition, 1928).  
Genetics Building (1915-16).  
Horse Barn (1925).  
Horticultural Field Laboratory (1921-22).  
Horticultural Barn (1935).  
Pomology Greenhouse (1928).  
Poultry Plant (1917, 1926, 1936).  
Sheep Barn (1912; addition, 1942).  
Stock Pavilion (1913).  
Swine Plant (1925; addition, 1942).  
Vegetable and Plant Breeding Building and Greenhouses (1912-13; addition, 1928).

### College of Education

University High School (erected, 1917-18, as Education Building; name changed, 1942).  
University High School Gymnasium (1929).

### College of Fine and Applied Arts

Building for Architecture and Kindred Subjects (1927).  
Smith Memorial Music Hall (1918-19) (gift of Capt. Thomas J. Smith as a memorial to his wife, Tina Weedon Smith).

### College of Law

Altgeld Hall (erected as the Library, 1896-97; additions, 1914, 1920; remodeled, 1926, and assigned to the College of Law; name changed in 1940).

### School of Physical Education

George Huff Gymnasium (erected, 1925-26, as Men's New Gymnasium; name changed in 1937).  
Gymnasium Annex (1889-90; addition, 1918, as Engine Annex; addition, 1942).  
Health Service Building (erected, 1896, as President's House; name changed in 1919).  
Ice Skating Rink (erected, 1931, by the Athletic Association).  
Men's Old Gymnasium (erected, 1901; remodeled, 1942; addition, 1942).  
Woman's Gymnasium (erected, 1931).

### General University Use

Administration Building (East) (erected as Commerce Building, 1912; name changed in 1926).  
Administration Building (West) (erected, 1915; remodeled 1926 and 1928).  
Arcade Building (acquired, 1938).  
Armory (erected, 1914-15; additions, 1926-27).  
Auditorium (erected, 1907-08; remodeled, 1937).

- Illini Union Building (erected, 1939-40; fourth floor finished, 1942).  
 Library (first unit, 1924-25; second unit, including the first stack unit, 1926-27; third unit, including the second stack unit, 1928-29; third stack unit, 1939-40).  
 McKinley Hospital (1925) (gift of Senator William B. McKinley) (first addition, 1939).  
 Memorial Stadium (1922-23) (gift of alumni and friends of the University through the Athletic Association) (south bleachers erected by Athletic Association, 1929) (west hall remodeled, 1942).<sup>1</sup>  
 Radio Station (1926) (gift of Boetius Sullivan as a memorial to his father, Roger C. Sullivan); transmitter building on south campus (1938).  
 Woman's Building (1905; additions, 1912-13 and 1923-24).

### Special Uses

- Band Building (erected, 1921-22, as the Armory Annex; assigned to Military Bands, 1928).  
 Geological Survey Laboratory, for applied research (1940).  
 Natural Resources Building, for use of State Geological and Natural History Surveys (erected, 1939-40; garage added, 1942).  
 President's House (1931, located at 711 Florida Avenue, Urbana).  
 State Natural History Survey Laboratory (erected, 1905, as State Entomologist's Laboratory; name changed in 1940).

### Residence Halls for Men

- Illini Hall (acquired, 1938).  
 Men's Residence Hall (Barton, Clark, Flag, Lundgren, and Noble Houses, 1940-41).<sup>2</sup>

### Residence Halls for Women

- Davenport House (acquired, 1922; Kappa House acquired, 1927; assigned to Home Economics, 1942).  
 Mary E. Busey Hall (erected, 1917, as Woman's Residence Hall; name changed in 1937).  
 Laura B. Evans Hall (erected, 1925, as West Residence Hall; name changed in 1937).

### Service Buildings

- Abbott Power Plant (1940).  
 Filtration Plant (1931).  
 Fire Station (1901; remodeled, 1942).  
 Garages and Shops (North, 1922; additions, 1928 and 1940; South, 1928).  
 Greenhouse (north) (1898).  
 Grounds Department Barns (1895, 1927).  
 Military Stables (1919-22).  
 Physical Plant Service Building (erected, 1910, as Power Plant; additions, 1914, 1920, 1925, 1930-31; name changed in 1941).  
 Storage Building (erected, 1904-05, as Agronomy Building).  
 Storage Warehouses (1915, 1925, 1935).

### Chicago Buildings

- Chicago Illini Union Building (acquired, as College of Pharmacy Building, 1915-17; additions, 1926-27; remodeled and name changed, 1940).  
 Dining Hall and Kitchen (acquired, 1941).  
 Medical and Dental College Laboratories Building (first unit, 1931; second unit, 1937; including the Research Laboratory and Library unit, erected in 1922-23).  
 Nurses' Home (acquired, 1941).  
 Orthopaedic Building (acquired, 1941).  
 Power Plant (acquired, 1941).  
 Research and Educational Hospital (acquired, 1941).

<sup>1</sup>Assigned in 1942 to the United States Navy for wartime use.

AIRPORT

THE UNIVERSITY OF ILLINOIS AIRPORT, with an area of 770 acres, is located near U. S. Route 45, six miles southwest of the Illini Union Building on the campus. The purpose of the Airport, which is owned and sponsored by the University, is to implement a comprehensive program of aviation education and research, and to provide commercial and private landing facilities for the promotion of American air transport and national defense. The Airport will make possible the effectuation of military aviation training programs at the University; provide students with an opportunity to engage in flying activities, both as a part of general education and in connection with professional objectives; and, through trunk and feeder airlines, provide the University and the community with excellent air transportation. The administration, operation, and servicing activities of the airlines will furnish students an opportunity for laboratory study and research.

The present completed facilities, financed by Federal funds through the Department of Commerce of the Civil Aeronautics Administration, consist of three concrete paved runways, each 5,300 feet long and 150 feet wide, one turfed runway, 4,000 feet long and 150 feet wide, a total of 12,000 feet of 50-foot wide concrete paved taxiways, and 89,000 feet of drainage. The land and rights-of-way for the Airport were purchased by the University from funds appropriated by the General Assembly of the State of Illinois.

Plans for the immediate future include the construction of an administration building and hangars, together with utilities, lighting, and communication systems.

LIBRARY

THE LIBRARY includes all books belonging to the University. The number of volumes, pamphlets, etc., in the several divisions of the Library on July 1, 1944, was as follows:

	<i>Volumes</i>	<i>Pamphlets</i>	<i>Maps</i>	<i>Sheet Music</i>
<i>Urbana:</i>				
General and Departmental Libraries . . . . .	1,807,417	384,505	4,772	16,071
<i>Chicago:</i>				
Medicine, Dentistry, and Pharmacy . . . . .	74,015	9,325	. . . . .	. . . . .
<i>Total in University Library . . . . .</i>	<i>1,881,432</i>	<i>393,830</i>	<i>4,772</i>	<i>16,071</i>

In Urbana most of the books are housed in the main Library Building. All students have direct use of 14,000 reference books in the general reading room which seats 500. An open-shelf reserve collection of approximately 13,000 volumes is maintained in the North Reserve Book Room for the use of undergraduate students. In an adjacent room is a collection of 2,100 volumes for freshman rhetoric courses. During the present war emergency the South Reserve Book Room is maintained by the army as a study room for the soldiers enrolled in its educational training program. There are two browsing rooms, one in the Library Building and the other in the Illini Union Building; here students have 3,400 books for general and cultural reading not connected with courses of study. In addition to these general reading rooms, there are special rooms for the Classics, History and Political Science, English, Economics and Sociology, Library Science, Modern Languages, Maps, and Education, Philosophy, and

Psychology. The seating facilities in the building are slightly more than 2,000, including 216 in cubicles in the book stacks.

The departmental and college libraries in Urbana, outside the Library Building, are given in the following table.

<i>Name of Library</i>	<i>Seating Capacity</i>	<i>Volumes</i>
Agriculture.....	120	29,400
Architecture (Ricker Library).....	86	17,900
Astronomy.....	6	2,000
Ceramics.....	9	2,500
Chemistry.....	85	18,600
Engineering.....	210	48,500
Illini Union Browsing Room.....	32	1,400
Illinois Historical Survey.....	12	2,300
Journalism.....	73	3,200
Landscape Architecture.....	30	7,000
Law.....	164	73,900
Mathematics.....	32	13,800
Music.....	24	1,000
Natural History.....	60	59,600
Natural History Survey.....	12	10,200
Physics.....	8	4,300
<i>Total</i> .....	963	295,600

The Union Card Catalog, representing books principally in other important libraries in the United States, contains over 3,000,000 cards available for bibliographical uses and is an aid in arranging for inter-library loans. The Library also has most of the bibliographies commonly used by the book trade in this and other countries, together with related reference works and catalogs in many languages.

Over 12,000 periodicals are currently received, including more than 200 newspapers published in Illinois and about 100 foreign language papers published in the United States.

The following brief statements indicate the resources of the Library in some of the special fields:

*Italian history* includes the Cavagna collection, purchased in Italy in 1921, of over 40,000 books and pamphlets, besides maps, photographs, drawings, and several thousand manuscripts. It contains much material on local Italian history, biography, and genealogy.

*Classical literature, history, and archaeology* embrace approximately 30,000 volumes, including complete sets of about 150 journals and serials; the library of Professor Wilhelm Dittenberger, of Halle, 5,600 items acquired in 1907; the library of Professor Johannes Vahlen, of Berlin, 10,000 items acquired in 1913; and a collection of about 17,000 dissertations, reprints, etc.

*The Map Room*, established in 1944, shelves 50,000 maps, including 4,700 cataloged items.

*Music* embraces over 18,000 scores and pieces of music, over 4,200 books on music, definitive complete works of most major composers, and many complete files of foreign and domestic journals. The gift of more than 2,000 pieces of music from the Rafael Joseffy Memorial has contributed materially to the strength of the collection. A separate music library, established in 1943, is housed in Smith Memorial Music Hall.

*The Rare Book Room* shelves about 26,600 volumes, including the Milton collection of approximately 2,200 volumes and other titles relating to the literary, political, historical, and religious life of seventeenth century England.

*The Ricker Library of Architecture* numbers 17,900 volumes, 18,000 lantern slides, 17,900 photographs and drawings, 9,200 clippings, and 1,100 pamphlets. It is not only a good working collection for students and faculty in architecture, but it contains many of the older and rarer works of historical value.

*The Library Science* collection includes books and pamphlets on library science; library reports, bulletins, and catalogs; bookplates, photographs, and lantern slides.

## MUSEUMS AND COLLECTIONS

NUMEROUS COLLECTIONS of objects of artistic, historic, or scientific value are maintained by the University and exhibited by its various departments. Those of Classical art and archaeology, Oriental culture, European culture, natural history, botany, entomology, geology, and zoology are under the care of the College of Liberal Arts and Sciences.

*Art Collections.*—Works on display in the Architecture Building include a collection of casts, a collection of original oil paintings, many by notable American artists, a collection of paintings, lithographs, and brass repousse panels allocated to the University by the Public Works Administration of the Federal Government, a number of bronzes, water colors, lithographs, German and Japanese prints, Chinese embroideries, and other art objects. The Lorado Taft collection, including plaster casts of antique and modern sculpture and plaster and stone originals of much of Mr. Taft's own work, was acquired in 1937. This is displayed in part in the Architecture Building, the Library, the Auditorium, Lincoln Hall, and on the campus; the rest has been stored until such time as it can be displayed. Collections of paintings, consisting of old masters and moderns, have been presented to the University by Merle J. Trees and Emily N. Trees in annual installments since 1937. A collection of Oriental Art was presented by the Ewing families in 1943. Current art exhibitions are hung in the galleries of the Architecture Building.

*Museum of Classical Archaeology and Art.*—This museum is in Lincoln Hall. It contains reproductions of important works of art of pre-Greek, Greek, and Roman civilization. There are also original exhibits from each of these periods, consisting chiefly of smaller objects, such as Cretan seals, Greek and Roman coins, with a series of monetary tokens illustrating the development of currency, terra cotta statuettes, vases, bronzes, and fragments of Greek papyri. Many small articles of the Greek period in Egypt, discovered in the campaigns of the Egypt Exploration Fund, have been received through the generosity of the late Mr. W. G. Hibbard, Jr. There are water-color copies of Minoan frescoes and Pompeian scenes, and oil paintings of frescoes found in Roman villas and catacombs. There is also a valuable collection of early glass.

*Museum of European Culture.*—This museum, also located in Lincoln Hall, illustrates the development of the peoples of western Europe. It includes tools, weapons, and pottery of the stone and bronze ages; pottery, fragments of weapons, and glass and metal ornaments of the Gallo-Roman period; models illustrating life in northern Europe before the twelfth century; armor and weapons; church art, including carvings in wood and ivory; reproductions of early Irish art; coins and seals; ship models; illuminated manuscripts; a page of the Gutenberg Bible, and many incunabula. In the Renaissance section are models showing the development of the theatre; wood-cuts, engravings, and etchings; and color prints of Italian, Flemish, Dutch, and German paintings. The modern era is represented by color prints of English and French paintings, an excellent textile collection, and a small collection of china and glass.

*Oriental Museum.*—This museum shows something of the civilization of the peoples of Egypt and Mesopotamia from whom the Greeks and Romans received many of the arts which they transmitted to western Europe. Among its collections are 1,700 unpublished cuneiform tablets, most of them dating from the twenty-fifth to the twentieth century B.C., and many rare Babylonian and Assyrian seals. The Egyptian room contains pottery, examples of hieroglyphic and demotic writing, papyrus fragments from Oxyrhynchus, statuettes and many small objects given by Mr. W. G. Hibbard, Jr.

*Botany.*—The Herbarium, representing principally the flora of North America, is situated in the fireproof wing of the Natural History Building, and consists of approximately 300,000 specimens filed in standard steel cases. It is particularly rich in material from the upper Mississippi Valley and contains the most nearly complete collections of Illinois plants extant, including specimens of species now rare or possibly extinct. Collections of Illinois vascular plants by M. S. Bebb, F. Brendel, Agnes Chase, V. H. Chase, H. A. Gleason, E. Hall, E. J. Hill, G. N. Jones, F. E. McDonald, H. N. Patterson, R. Ridgway, J. Schneck, Hallock Shearer, L. M. Umbach, and many others are well represented. The Herbarium has acquired by exchange the recent sets of *Plantae*

*Exsiccatae Grayanae*. Recently, a valuable collection of about 6,000 sheets of Rocky Mountain plants collected by Professor Aven Nelson of the University of Wyoming has been purchased, and Professor H. B. Dorner of the University of Illinois has donated his private herbarium, consisting chiefly of plants from Indiana. Through a gift of the issues prior to 1932 from the John Crerar Library (Chicago), and purchase of subsequent issues, the *Gray Herbarium Card Index of American Plants*, the *Index to American Botanical Literature* of the Torrey Botanical Club, and the *Tilden Index Algarum Universalis*, are now available in complete sets for consultation. Largely because of the interest of the late Professor T. J. Burrill and his students, Earle, Seymour, Waite, Clinton, and others, the parasitic fungi are well represented in the Herbarium. The early collections of these workers have been augmented by gifts from their personal herbaria totaling about 3,000 specimens. The Herbarium also contains tropical fungi chiefly from Puerto Rico, Hawaii, and the Philippine Islands, collected by the late Professor F. L. Stevens. Many of the well-known sets of Fungi Exsiccatae are complete. Altogether these comprise 700 centuries. A set of *Phycotheca Boreali-americana*, representing over 2,000 named species, has been presented by Mrs. Mary S. Snyder. The facilities of the Herbarium provide unusual opportunities for taxonomic research in nearly all groups of plants.

*Entomology*.—The entomological collections, including the Bolter and Nason collections, number over 300,000 pinned specimens, representing most of the common Illinois species and many from other regions of the United States and from foreign countries. Another series of about 15,000, hermetically-sealed glass tubes, represents the life stages and injury of all the major American economic insects. There are also about 5,500 vials of the immature stages of insects—eggs, nymphs, larvae, and pupae—preserved in alcohol. The MacGillivray collection of Tenthredinoidea, consisting of about 1,000 species and 400 type specimens, is housed in the Natural Resources Building with the collections of the State Natural History Survey.

*Geology*.—The Department of Geology and Geography has charge of collections of materials classified under the headings of geology, mineralogy, paleontology, and geography. Some of the departmental materials are in the Museum of Natural History. The department cares for three cases of exhibits dealing with the material covered in general geology courses. Study collections include 12,000 rock specimens, 5,000 thin sections for microscopic study, 12,000 mineral specimens and more than 100,000 fossils, which include over 1,500 type specimens. The paleontological collections are available for research, especially Silurian faunas and those representative of Illinois. Among the collections available for advanced studies are those collected both privately and for the State Geological Survey by A. H. Worthen, T. E. Savage, A. H. Sutton, and H. W. Scott. The Department also maintains a file of the United States topographic maps, a collection of United States Geological Survey folios, foreign topographic maps, relief models and geographical maps, and several thousand black-and-white and Kodachrome slides, illustrating geological and geographical features throughout the world. A collection of about 2,000 ocean charts assembled from all parts of the world by F. P. Shepard is available for advanced study. A collection of aerial photographs, illustrating land form, land use, and effects of rock variations, is being added currently.

*Museum of Natural History*.—This museum is on the third and fourth floors of the Natural History Building. It was begun in 1868 when the science departments first occupied University Hall, and it was developed there until it was moved to the Natural History Building in 1908-1909. It received its greatest impetus through the Columbian Exposition at Chicago in 1893, for the wealth of Illinois material assembled for that exposition by the late Professor S. A. Forbes and others reverted to the museum. The aim of the museum as an aid to the teaching of the natural sciences has been retained through the years. The exhibits have been developed mainly for use of classes in botany, entomology, ethnology, geography, geology, paleontology, and zoology. They are used also by the schools of Champaign County and neighboring counties and are open to the public. The synoptic series of invertebrates represents all the phyla and most of the classes, including extinct groups, by means of actual specimens, plaster casts, glass models, and fossils. The vertebrates, also arranged synoptically, include many mounted specimens and skeletons. There are special exhibits illustrating the classification, migration, and distribution of birds, the geographic distribution and habitat relations of animals, their evolution and variation. The geological exhibits



consist of semi-precious stones, meteors, and extensive collections in historical geology, which are arranged according to periods, including fossil animals of the glacial period in Illinois. The archaeological exhibits are rich in materials, especially pottery, from the Hopewell culture and other early American cultures. They have been greatly augmented by donations from private collections and by field studies sponsored by the University. Eskimo culture is illustrated by collections of the Crocker Land Expedition to Greenland, for which the University was a sponsor. Among other collections of geographic interest are those from South America. Besides the materials exhibited, the museum has a large collection of archaeological material, a collection of Mollusca consisting of more than one million items assembled by F. C. Baker, former Curator, the Daniels-Carr collections of fossil plants from the Mazon Creek region of Grundy County, large collections of Pleistocene fossils obtained through the efforts of the museum staff and the State Geological Survey, and numerous small collections—all of which are available for study, comparison, and research.

*Zoology.*—The zoological collections in the Natural History Building present a synoptic view of zoology, including representatives of all orders and classes. There are also the Ziegler wax models and other preparations illustrating the embryology of vertebrates and invertebrates. The extensive collections of animal parasites and embryological preparations are especially noteworthy. In the Vivarium Building are study collections of all vertebrate groups found commonly in Illinois and adjacent states and insects obtained in a long-time study of seasonal population changes. The collections of the State Natural History Survey are available for illustrative purposes in class work and for original research by advanced students in zoology. Extensive collections, particularly in the group of Mollusca, are available for study and graduate teaching in the research collections of the Natural History Museum. As an outdoor laboratory, the University maintains two tracts of woodland a few miles northeast from Urbana, namely, the Brownfield Woods and the William Trelease Woods. Both of these are surrounded by a margin of open "prairie" land. On the edge of the Trelease Woods a pond has been dug for a water habitat.

*Agriculture.*—The College of Agriculture, in cooperation with the Agricultural Experiment Station, maintains extensive demonstrational facilities, including more than a thousand acres of farm land located in close proximity to the campus. There are purebred flocks and herds of most of the breeds of livestock and poultry common to the state, and specimens of field, orchard, and garden crops which are commonly grown or offer prospects of success in Illinois. In the Agricultural Engineering Building there is a display of power and field machinery, tractors, home equipment, machines used in control of soil erosion, seed-cleaning and corn-grading equipment, farm building plans, and rural electrification exhibits. The Dairy Manufactures Building houses full equipment for use in processing and storing milk and milk products. Likewise, the Horticultural Field Laboratory is equipped to process and store horticultural products, and the horticultural greenhouses contain growing specimens of a great variety of vegetables and ornamental plants. Field crop specimens are stored annually for class use, and weed exhibits include herbarium specimens and seed collections. A large livestock pavilion serves as an arena in which to display livestock in class work.

*Engineering.*—The departments of the College of Engineering maintain collections of materials drawn from their respective fields. The Department of Ceramic Engineering has a collection of modern wares representing types of bodies, glazes, and methods of decoration. The Department of Mechanical Engineering is the custodian of a 600 h.p. vertical triple-expansion engine, directly connected to an electric generator, a type of machine in use in power-stations thirty years ago, and machines of historical value, including a 25 h.p. horizontal, double-acting, single-expansion steam engine, designed and built in 1871, with the help of students, by Professor S. W. Robinson, the first professor of mechanical engineering at the University. This engine supplied power to the first shop in this country in which instruction in the mechanic arts was given. In the mining museum, on the third floor of the Ceramics Building, is a collection of models showing the methods of working coal and ore mines, both sectionalized and operating mining machines, and appliances. Here also are collections of photographs and blueprints illustrative of mining and metallurgical design and construction; and collections of specimens of ores, coals, non-metallic minerals, and metallurgical products. In the Transportation Building are exhibits of track rails exemplifying practice since the beginning of railway construction; many devices em-

ployed in car and locomotive construction, historic and modern; and a collection of photographs showing the development of railroad equipment. A complete library of slides on engineering construction and works is housed in the Engineering Library. This collection is supplemented by working libraries in department offices of the college.

*Museums in Chicago.*—The College of Dentistry has a museum of dental anatomy and comparative odontology containing 1,500 specimens.

The College of Medicine has two museums: The Anatomy Museum, including gross anatomy, histology, embryology, and neurology; and the Pathology Museum, including general, special, and medico-legal specimens.

The College of Pharmacy has a museum including more than 10,000 specimens of crude drugs and technical products. One collection is classified according to botanical origin and is arranged in cases illustrating habitat, commerce, etc. Another collection contains every drug officially listed in the United States Pharmacopoeia since 1820 or in the National Formulary since 1888.

### WARTIME PROGRAM

SINCE PEARL HARBOR the University of Illinois has given unstintingly of its resources to the war effort. By March, 1945, nearly nineteen thousand of its former students were known to have entered the armed forces and 441 had given their lives for their country. More than eight hundred members of the staff had left for war service, and many of those still on the campus are engaged in highly confidential government research.

During the year 1944-1945, a considerable part of the University was still utilized by the Army and Navy for the housing, feeding, and education of men sent to receive specialized technical or professional training. In midwinter, over one thousand uniformed students under military discipline were receiving instruction in Urbana, and in the Chicago colleges more than 550 soldier- and sailor-students were enrolled in medical or dental curricula. Provost C. R. Griffith is University Coordinator of the academic phases of the Army and Navy programs. All the educational and recreational facilities of the University are available to the men in uniform, and special committees plan for their social and religious welfare.

In addition to military instruction, the University has continued to offer complete curricula for women students and for men classified as 4-F, deferred, or not yet of draft age. Two obligations to these civilian students have been discharged: programs have been designed and adjustments made in the regular offerings to train them for specialized work in war emergency fields, and essential peacetime studies have been maintained for those who must be prepared for civilian responsibilities of both the war and the post-war period.

The coordination of all the war adjustments in the University is centered in a University War Committee headed by Dean A. J. Harno. This committee has distributed two special publications. The first, entitled *War Program of the University of Illinois*, describes ways in which many activities of the University have been modified for wartime purposes. The second, *The Student in Wartime*, written to allay some of the uncertainties and confusion with which many high-school graduates face their educational future, gives comprehensive information on Selective Service provisions for students, war-training programs, new rules on credit and fees, Army and Navy college training programs, special wartime vocational opportunities for women, and other features of the University's wartime pattern affecting students. In addition, the Women's War Committee, a subcommittee of the University War Committee, has published a

pamphlet entitled *Vocations for College-Trained Women in War and Peace*. Other subcommittees of the War Committee are responsible for the protection of life and property in the University community, the organization of War Bond drives, student extracurricular war projects, and plans for the educational rehabilitation of veterans.

### Special Provisions for Veterans

In view of the complex problems of training and purpose of returning veterans, a new agency known as the Division of Special Services for War Veterans has been established to aid them. (See pages 90 and 226.) Men and women coming from the armed forces may make their first contacts with the University through this agency, which has issued a special manual of information for their guidance obtainable at the office of its Director, Professor Sidney E. Glenn. The facilities of the Division give the returning veteran every opportunity to adjust himself quickly and effectively to university work and to insure that he will receive the utmost benefit from it.

The University grants credit for service and for education in the armed forces (see page 88). Veterans may be eligible for both State and Federal scholarships. Under State benefits, tuition and matriculation fees are waived for the returning serviceman who was either a resident of the State of Illinois or a student in the University of Illinois at the time of enlistment. Qualified veterans may also enter the University under the provisions of P.L. 346 (G. I. Bill of Rights). The University has a contract with the Veterans' Administration through which tuition fees, books, and supplies are provided for vocational training of the injured veteran, and, in addition, an allowance for maintenance is paid. Either servicemen or civilians who are physically disabled qualify for aid from the State vocational rehabilitation program which covers all college expenses and, in some cases, board and room.

### Accelerated Schedule of Instruction

To prepare men and women as rapidly as possible for the many professions important to the prosecution of the war and to enable the student under eighteen years of age to obtain as much college education as possible before being called to military service, the University's schedule of instruction is accelerated without reducing the amount or quality of work required for graduation. Also for this purpose, the admission requirements are modified so that high-school seniors of high rank, who pass certain tests, may enter the University as freshmen at the beginning of any term (see page 82).

In February, 1943, the Urbana departments began to operate on an annual schedule of three terms of sixteen weeks each, instead of two semesters of eighteen weeks and a short summer session. Students may thus complete in less than three years a curriculum equivalent to that formerly requiring four years.

Freshmen may enter in the summer and winter as well as in the fall, and students transferring from other institutions are admitted with advanced standing at the beginning of any term. In the term beginning June 11, 1945, as in the summers of 1943 and 1944, most of the courses for undergraduates will continue for sixteen weeks; some of the advanced courses, however, will continue for only the first eight weeks, especially those designed for graduate students, school teachers and administrators, and others whose employment would not permit

their attendance during the full summer term. A catalog of all the summer courses will be issued as a separate circular, copies of which may be obtained from the Information Office, 157 Administration Building, Urbana.

In September, 1942, the Colleges of Dentistry, Medicine, and Pharmacy began to operate on the quarter system, permitting students to do in three quarters the same amount of work formerly done in two semesters. Under this system the four-year curriculum in each of these colleges is compressed into three calendar years. Also, through October, 1945, the College of Medicine plans to admit students with two years of pre-medical work and has waived its usual requirement of a year of hospital internship. Thus it becomes possible for a student to qualify for the degree of Doctor of Medicine within five years after entering the University as a freshman. To accord with the recommendations of the War Manpower Commission, the College of Pharmacy has also modified its entrance requirements and now accepts high-school students from the upper three-fifths of their graduating class.

The next beginning class for the Chicago colleges will enroll October 1, 1945, when a new class of first-year students in pharmacy will be admitted. A circular of information for prospective students may be obtained from the Office of the Examiner and Recorder, 1853 West Polk Street, Chicago 12.

### Wartime Curricula and Courses

Besides emphasizing wartime values in the courses normally offered, the University has set up many new courses and several new curricula to meet specific situations arising from the war.

A nine-semester curriculum in Occupational Therapy was introduced in the fall of 1943. The program is designed to train students for rehabilitation work with injured soldiers, sailors, and others, by the use of certain physical and mental activities for remedial purposes under the direction of physicians.

An emergency four-month curriculum in Occupational Therapy has been set up to meet urgent Army needs. Sponsored by the Surgeon General's Office, Washington, D.C., this intensive course is followed by eight months of clinical practice in Army General Hospitals.

An intensive two-year emergency curriculum in journalism is offered for freshman and sophomore students in response to the manpower shortage in the newspaper field.

A new curriculum in aeronautical engineering went into effect in the fall of 1944.

A curriculum in international affairs is sponsored by the Division of the Social Sciences. Its completion satisfies the requirements for a minor in the departments of Economics, Geography, History, Philosophy, Political Science, and Sociology.

Among the new and war-adapted course offerings by the Urbana departments are several providing a general understanding of the causes and effects of war: Background and Problems of the War; Continental European Governments; Current Economic Problems; European Sociological Thought; Philosophies of Freedom.

A second group deals with matters directly related to the prosecution of the war: Airplane Structures; Airport Design; Applied Electronics; Navigation;

Meteorology; Physiology of High-Altitude Flying; Radio Communication Apparatus; Radio Engineering Design; Transportation; Ultra-High-Frequency Techniques; Vacuum Tubes and Control Devices.

New courses especially for men include: Basic Physical Fitness; Military Athletics; Personal Defense Activities; Trends and Techniques in Rehabilitation.

New courses especially for women include: First Aid; Bacteriology for Nurses; Motor Fitness; Nurses' Aide; Social Services in Wartime.

Another group includes: Eastern Asia; International Organization; Latin American Civilization; Pathogenic Bacteriology; Personnel Administration; Plane Trigonometry (expanded war course); Portuguese.

Some of these new courses and some of the regular courses are particularly adapted for men in various training programs of the Army and Navy.

Many of the regular courses offered in the Colleges of Dentistry, Medicine, and Pharmacy are geared to wartime needs. New courses in tropical medicine, fractures, and blood transfusions are offered. The College of Medicine also cooperates with the Army in training medical officers in special fields and in training occupational therapists for Army hospitals.

### **Engineering, Science, and Management War Training**

To help the industries of Illinois in meeting their urgent need for trained workers, extramural courses in many phases of engineering, science, and management are conducted by the University of Illinois in cooperation with the United States Office of Education. These courses, given in 55 different communities of the State, are taught by faculty members drawn chiefly from the College of Engineering and by qualified engineers or other specialists in the industries. Their purpose is to prepare men and women for positions in war industries and to give additional training to those already employed in such work. The total enrollment in these courses is close to nine thousand. For a list of subjects taught, see page 425.

### **Extension Service in Agriculture and Home Economics**

Throughout Illinois the activities of the University's Extension Service in Agriculture and Home Economics are directed particularly toward wartime problems. The work of the specialists in each department is coordinated by a general committee at Urbana. In each county the farm and home advisers are, in cooperation with their educational committees, responsible for developing wartime programs in food production and conservation. County leader training and informational schools are held from time to time on timely subject matter. In most counties farm and home advisers arrange for the local leaders to present this material to their neighbors in local and community meetings. The Extension Service is also responsible for the administration of the Emergency Farm Labor Program which involves the recruitment, placement, transportation, and housing of domestic farm workers and the placement of foreign workers.

### **Navy V-12 Program**

In July, 1943, four hundred and fifty students enrolled at the University in the Navy's V-12 college program. With changing war needs this quota was cut to 336 in November, 1944. Included in the quota were members of the Navy's

older Reserves, the V-1, V-5, V-6, V-7, or V-7 (s) students who had already had some college work, transfers from other V-12 schools, men who had been on active duty with the Fleet, and incoming freshmen who became eligible for the program by passing a qualifying examination and satisfying the required physical standards. These men train to be medical, dental, and engineering officers for the Navy, Marine Corps, and Coast Guard. The length of time they remain at the University is determined by their curriculum which is prescribed by the Navy and based on the amount of previous college training. The V-12s are under Navy discipline, but instruction, housing, and feeding facilities are provided by the University.

### **Army Programs**

During the summer, fall, and winter of 1943, the University had one of the largest Army Specialized Training Program units in the country with an enrollment of 3,383 students on the Urbana campus during the peak period of November, 1943. The purpose of this program was to provide a continuous and accelerated flow of high-grade technicians and specialists needed by the Army in fields where the output of its own training schools was insufficient in extent or character. By January, 1945, the number of trainees was approximately 700 men of whom all but 26 in the Sanitary Engineering curriculum were reserves under eighteen years of age taking basic engineering courses preparatory to their call to active service. Curricula and course materials in the Army Specialized Training Reserve Program are prescribed by the Army, and Army officers handle the administrative and military phases of the program. The men are housed in Newman Hall and eat in the Illini Union Building. Instruction is given by the regular faculty in University classrooms. The term is a twelve-week period with an interval of one week between terms. The number of terms taken varies according to the age of the trainee.

The work load of the ASTRP trainee includes 26 hours spent in the classroom, five hours of military instruction, and six hours of physical training. All free hours between classes and in the evening are given to study which is supervised by faculty members.

### **Army and Navy Programs at the Chicago Colleges**

Under the terms of the agreements with the Army and Navy, 53 per cent of the places in the College of Medicine and 38 per cent of the places in the College of Dentistry have been reserved for Army and Navy personnel. Although these students are considered members of the armed forces and receive the regular salaries and allotments, the arrangement in no way interferes with their professional studies. They are under military supervision and learn the rudiments of close order drill, spending ordinarily from two to three hours a week on this phase of their program. When they complete the regular medical course, the students are commissioned First Lieutenant in the Army Reserve or Lieutenant (j.g.) in the Navy Reserve and allowed nine months' leave of absence in which to interne. They are then called to active duty and assigned to service in the Armed Forces. Dental students receive the same commission, but go immediately into active duty without the leave of absence to interne. The Army Specialized Training Program was discontinued in the College of Dentistry in September, 1944.

## ADMISSION TO COLLEGES AND SCHOOLS AT URBANA

**O**FFICIAL CREDENTIALS should be sent directly from each institution previously attended to the Registrar at Urbana. The Registrar will not issue a permit to enter except on the basis of official detailed credentials, filed in advance, which meet the requirements for admission. Credentials accepted for admission become the property of the University and are kept permanently in the files. If an applicant's credentials are not received until the week before the date for registration, it may not be possible to notify the applicant of his status prior to his arrival on the campus.

Applicants for admission who come from foreign countries must bring complete official credentials. Certificates from Oriental and Slavic countries must be accompanied by certified translations.

Qualified applicants are admitted at the beginning of any term, except that the Library School will not admit new students at the beginning of the second semester. Applicants for admission to the College of Engineering, the College of Law, and the School of Journalism will find it to their advantage to enter the first semester rather than the second. (For statement regarding admission of War Veterans, see page 90.)

### Information Service for New Students

The University, on invitation of the secondary schools of the State, sends representatives to College Day Programs and other conferences held in various parts of the State for guidance purposes. These representatives are available to prospective students and parents who desire information about the University. In the spring of each year the University conducts for five weeks an Information Office in Chicago at the LaSalle Hotel. Administrative and counselling officers from Urbana are available there during this period. In the spring of 1945 the office was open from April 9 through May 12. The Alumni Association has a permanent office in the LaSalle Hotel where prospective students are always welcome and where many questions about the University can be answered.

### Freshman Week

A brief period immediately preceding registration of upperclassmen is set aside as "Freshman Week." The purpose of this is to give the freshman assistance in becoming oriented to his new environment and to provide for his registration at a time when the entire University staff may be available to consider his problems.

### Physical Examinations

All new students, on entering the University, are required to take a physical examination. Before registration, a new student must secure an appointment with the University Health Service for his physical examination. The examination is given by the University at the time of appointment without cost to the student. If the student fails to take the examination at the appointed time and does not present an excuse from the Registrar, a fee of \$5 is charged to provide for a special examination, or the student will be required to be examined at his own expense outside the University in a manner meeting the requirements of the Health Service.

Candidates for admission to the School of Physical Education must pass special physical and medical examinations.

## GENERAL REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY

The general requirements for admission to the undergraduate departments of the University are indicated in the following paragraphs.

### Age

An applicant must be at least sixteen years of age. The dean of the college concerned, however, may admit on petition a student fifteen years of age who meets all other requirements for admission and who is to reside, while attending the University, with his parents or guardian, or with someone selected by them.

### High School Graduation

To be admitted by certificate, an applicant must be a graduate of an accredited secondary school. (For admission of high school seniors, see below.) If the school is in Illinois, it must be accredited by the University of Illinois; if located elsewhere, its rating must be equivalent to accreditation by the University of Illinois. (For a list of sources from which credits are accepted on certification, see page 87; and for a statement of the conditions on which non-graduates may be admitted, see page 86.)

*High School Graduates Who Rank in the Upper Half of Their Class.*—The Registrar is authorized to admit, without adhering to the usual requirements as they pertain to majors and minors, an applicant whose rank in scholarship is in the upper fifty per cent of his graduating class. Such a student, however, must present those specific high school courses that are prerequisite to courses in the curriculum which he desires to follow in the University.

*High School Graduates Who Rank in the Lowest Quarter of Their Class.*—A graduate of an accredited high school whose rank in scholarship is in the lowest quarter of his graduating class, and who meets the requirements as stated below, is admitted by certificate to probationary status and, in connection with his first registration in the University, is required to take such tests as may be prescribed by the Student Personnel Bureau. Such a student, immediately upon registration, is placed under the special supervision of the dean of the college or the director of the school in which he is enrolled. He may be required to carry a reduced program of work or a program especially arranged to meet his needs.

The student's rank is to be based on work completed in grades nine, ten, eleven, and twelve in the case of four-year high schools, and on work completed in grades ten, eleven, and twelve in the case of three-year senior high schools.

### High School Seniors of High Rank

A high school senior who ranks in the upper twenty-five per cent of his class, and who meets the age requirement as stated above, may be admitted to the University under the following conditions:

1. He must be recommended for admission by a committee of his high school faculty, consisting of the principal and at least three teachers, one of whom shall be a pupil counselor if the school has in operation an organized guidance program.

2. He must have completed not fewer than 14 units acceptable towards admission (10 units in a three-year senior high school), including all subjects prescribed for admission to the particular curriculum in which he wishes to enroll.

3. He must demonstrate that he possesses the intellectual ability, social maturity, and emotional stability essential to success in college by passing satisfactorily such



tests as may be prescribed and administered by the Student Personnel Bureau of the University of Illinois. In general, a rank below the 75th percentile on University of Illinois norms in these tests will be cause for denial of admission. If the applicant has taken the tests given in many high schools through the Illinois High School Testing Program, the results of those tests will be considered along with the results of tests given at Urbana by the Student Personnel Bureau.

The Registrar is authorized to admit to the University any high school senior enrolled in his last semester and within a month of his graduation from an accredited school which closes its semester or term after the opening date of a University term, even though he has not received a diploma of graduation, provided that evidence is submitted by the high school showing that the senior would have been graduated if he had remained in school until the end of the semester.

### Fifteen Units Required

Fifteen units of acceptable secondary school work are required, including the following:

I. Two majors and one minor, selected from Groups 1-5 below. One of the majors must be English. (See definitions of *Unit*, *Major*, and *Minor* below.)

II. A total of at least nine units from the fields of English, foreign language, mathematics, science, and social studies, including preparation amounting to a major or minor sequence in at least three different fields. (See Groups 1-5 below.)

III. All subjects prescribed for the curriculum which the applicant desires to enter, as stated in the table on pages 84 and 85.

IV. The six remaining units necessary for admission may be selected from any of the high school subjects which are accepted by an accredited school toward its diploma and which meet the standards for accrediting as defined by the University of Illinois. Fractional credits of the value of less than one-half unit will not be accepted. Not less than one unit of work will be accepted in a foreign language, elementary algebra, plane geometry, physics, chemistry, or biology.

The University realizes the obligation of the high school to meet fully the needs and interests of all its pupils. It, therefore, believes that high schools should offer courses in such fields as agriculture, art, commerce, home economics, industrial arts, and music. Furthermore, by accepting them for admission, it recognizes that they contribute to satisfactory preparation for college work.

### Definitions

*Unit*.—A *unit* course of study in the secondary school is a course covering an academic year and including not less than the equivalent of 120 sixty-minute hours of classroom work. Two hours of work requiring little or no preparation outside the class are considered as equivalent to one hour of prepared classroom work.

*Major*.—A *major* consists of three unit courses in one field. (See special requirements for a major in each of the various fields as stated below.)

*Minor*.—A *minor* consists of two unit courses in one field. (See special requirements for a minor in each of the various fields as stated below.)

### Majors and Minors

The required majors and minors defined above may be selected from the following five groups:

(1) *English*.—(In all cases one major must be in English.) Only courses in history and appreciation of literature, composition (including oral composition when given as a part of a basic English course), and grammar will count toward a major.

(2) *Foreign Language*.—Three units in one language constitute a major. Two units in one language constitute a minor.

(3) *Mathematics*.—Only courses in algebra, plane geometry, solid and spherical geometry, and trigonometry will be accepted toward a major or minor in this subject. (General mathematics may be accepted in lieu of algebra and geometry in cases where

**REQUIRED AND RECOMMENDED SUBJECTS FOR ADMISSION  
TO THE VARIOUS UNDERGRADUATE CURRICULA**

(See also descriptive material about majors and minors on page 83)

COLLEGES AND SCHOOLS	SUBJECTS REQUIRED FOR ADMISSION	SUBJECTS RECOMMENDED FOR ADMISSION
<b>College of Liberal Arts and Sciences</b> General Curriculum with majors in Bacteriology, Botany, Classics (Latin or Greek), Economics, English, Entomology, French, German, Geography, Geology, History, Philosophy, Political Science, Psychology, Sociology, Spanish, Speech, Zoology. General Curriculum preparatory to Education, Journalism, Law. Division of General Studies. Occupational Therapy (See statement of special requirements on page 89).	English, 3 units. <sup>1</sup> Language, 2 units. <sup>2</sup>	Language, 3 units in one language, instead of the required 2 units. Science, 2 units (including biology). Social studies, 2 units.
General Curriculum with majors in Chemistry, Home Economics, Physics, Mathematics, Physiology. Special Curricula preparatory to Dentistry, Medicine. <sup>4</sup>	English, 3 units. <sup>1</sup> Language, 2 units. <sup>2</sup> Algebra, 1 unit. Geometry, 1 unit.	Mathematics, 3 units, instead of the required 2 units. Science, 2 units (including physics or chemistry or both). Social studies, 2 units.
Special Curricula in Chemistry and Chemical Engineering.	English, 3 units. <sup>1</sup> Language, 2 units. <sup>2</sup> Algebra, 1½ units. Geometry, 1 unit.	Language, 4 units (including 2 units in French and 2 units in German). Mathematics, 3 units, instead of the required 2½ units. Science, 2 units (including physics or chemistry or both). Social studies, 2 units.
<b>College of Agriculture</b> Curricula in Agriculture, Dairy Technology, Floriculture, Home Economics, and Pre-Forestry.	English, 3 units. <sup>1</sup> Algebra, 1 unit. Geometry, 1 unit.	Mathematics, 3 units, instead of the required 2 units. Science, 2 units (including physics). Social studies, 2 units.
<b>College of Commerce</b> All Fields (Accountancy, Banking and Finance, Commerce and Law, Commercial Teaching, Economics, Industrial Administration, Management, Marketing, Public Affairs).	English, 3 units. <sup>1</sup> Algebra, 1 unit. Geometry, 1 unit.	Advanced algebra, ½ unit. Science, 2 units (including 1 unit with laboratory).
<b>College of Education</b> Industrial Education Curriculum (other curricula require junior standing in the University).	English, 3 units. <sup>1</sup> Algebra, 1 unit. Geometry, 1 unit.	Industrial arts, 2 units. Science, 2 units (including physics or chemistry or both). Social studies, 2 units.
<b>College of Engineering</b> All Curricula (Aeronautical, Agricultural, Ceramic, Civil, Electrical, General, Mechanical, Metallurgical, Mining, Public Health, Sanitary Engineering, Engineering Physics).	English, 3 units. <sup>1</sup> Algebra, 1½ units. <sup>3</sup> Plane Geometry, 1 unit. Solid Geometry, ½ unit. <sup>3</sup>	Language, 2 units. Science, 2 units (including physics or chemistry or both). Social studies, 2 units. Industrial Arts, 2 units.

## REQUIRED AND RECOMMENDED SUBJECTS — (Concluded)

COLLEGES AND SCHOOLS	SUBJECTS REQUIRED FOR ADMISSION	SUBJECTS RECOMMENDED FOR ADMISSION
College of Fine and Applied Arts Curricula in Architecture (with general and construction options).	English, 3 units. <sup>1</sup> Algebra, 1½ units. <sup>3</sup> Geometry, 1 unit.	Freehand drawing, 1 unit. Science, 2 units (including physics and chemistry). Social studies, 2 units (including economics and history).
Curricula in Art (Painting, Art Education, Commercial and Industrial Design).	English, 3 units. <sup>1</sup> Language, 2 units. <sup>2</sup>	Freehand drawing, 1 unit. Language, 3 units in one language, instead of the required 2 units. Social studies, 2 units.
Curriculum in Landscape Architecture.	English, 3 units. <sup>1</sup> Algebra, 1 unit. Geometry, 1 unit.	Botany, 1 unit. Freehand drawing, 1 unit. Mathematics, 3 units, instead of the required 2 units. Social studies, 2 units (including civics and economics).
School of Music—All Curricula (Instrumental, Voice, and Theory Majors, and Music Education).	English, 3 units. <sup>1</sup> Language, 2 units. <sup>2</sup> Music (individual examination required <sup>3</sup> ).	Music, 1 unit, and additional private study for two years. Science, 1 unit (with laboratory). Social studies, 2 units.
School of Physical Education Curriculum for Men and Curriculum for Women.	English, 3 units. <sup>1</sup>	Science, 3 units (including biology). Social studies, 2 units. Health and safety education, and participation in school programs of physical education and athletics.
Division of Special Services for War Veterans Individual Curricula for Veterans.		See statement of requirements on page 90.

## NOTES

<sup>1</sup>English.—Only courses in the history and appreciation of literature, and in composition (including oral composition when given as a part of a basic English course), and grammar, will count toward the three units in English required as a major for admission to all curricula. Four units in English, while not required for any curriculum, are recommended by all the colleges and schools.

<sup>2</sup>Language.—The foreign language requirement for admission to any curriculum is fulfilled by two units in any one of the following: German, French, Spanish, Italian, Latin, Greek. For some curricula three units in one language are recommended, and for some it is advantageous to have four units in one language or a combination of languages. Less than one unit in a language is not acceptable for admission.

<sup>3</sup>Mathematics.—In Engineering and Fine and Applied Arts where advanced algebra or solid geometry, or both, are required, students who have only one unit in algebra and one unit in geometry, and who meet all other entrance requirements, may be admitted on condition that the deficiency be removed during their first year of residence. Where one unit in algebra and one unit in geometry are required for admission, general mathematics will be accepted if the content of the course is essentially the same as that ordinarily included in algebra and plane geometry. For all curricula involving chemistry (to which one unit in physics or chemistry or 2½ units in mathematics are prerequisite), students without credit in physics or chemistry who have only two units in mathematics will be required to take college algebra.

<sup>4</sup>Pre-Medical Requirement.—A student entering the pre-medical curriculum as a freshman must have a scholarship rank in the upper half of his high school graduating class. A student transferring to this curriculum from another college or university must have a scholastic average in his collegiate work not less than 3.5 in terms of the grading system of the University of Illinois.

<sup>5</sup>Music Examination.—Each applicant for admission to the School of Music is required to take an individual examination for the purpose of demonstrating that he is qualified and has sufficient knowledge of music to enter courses in applied music. No entrance credit is allowed for this examination.

the content of the course is essentially the same as that ordinarily included in algebra and geometry.)

(4) *Science*.—(Including physics; chemistry; biology, or botany and zoology; general science, or physiology and physiography; astronomy; and geology.) The three units required for a major must include at least a total of two units chosen from one or more of the following subjects: physics, chemistry, botany, and zoology. Biology may be offered in place of botany and zoology. The two units required for a minor must include at least one unit from the above subjects.

(5) *Social Studies*.—(Including history, civics, economics, commercial or economic geography, and sociology.) The three units required for a major must include at least two units in history. The two units required for a minor must include at least one unit in history.

### Required and Recommended Subjects

The second column of the table on pages 84 and 85 shows the special subjects prescribed for admission to the various undergraduate curricula. These are the subjects which are considered essential preparation and without which the student may not be admitted. The requirements are stated in units of credit and not in terms of majors and minors. These prescribed subjects may be counted toward fulfilling the major and minor requirements. In planning his high school work the prospective student should be guided also by the recommended subjects, shown in the third column.

### Graduates of Unaccredited Secondary Schools

Graduates of unaccredited secondary schools which offer four years of instruction are admitted by examination. The Registrar, however, is authorized to admit a student who is a graduate of such an unaccredited secondary school and whose general scholarship rank is in the upper twenty-five per cent of his graduating class, subject to his passing at the University in advance of admission: (1) a test in English composition and rhetoric; and (2) such other examinations and tests in high school subjects as may be necessary to complete the University entrance requirements and the special requirements of the chosen curriculum.

### Students from Accredited Secondary Schools Who Are Not Graduates

An applicant who has attended, but who has not been graduated from, an accredited school, must pass entrance examinations in English composition and four units in additional subjects to be designated by the University authorities. The remaining units required for admission may also be made in entrance examinations or may be offered by certificate from an accredited school. (For admission of high school seniors of high rank, see page 82.)

### Graduates of Three-Year Senior High Schools

In the case of graduates of a school organized as a three-year senior high school, including grades ten, eleven, and twelve, at least twelve units must have been taken in the senior high school. Two majors and one minor, or four minors, must be from the fields of English, foreign language, mathematics, science, and social studies. (See Groups 1-5, pages 83 and 86.) Either a major or a minor must be from the field of English. One unit of a foreign language and one unit of mathematics may be accepted from work completed in the ninth grade as a part of the majors and minors, provided at least seven units of senior high school work have been completed in subjects included in the above enumerated fields. The remaining five units may be selected from any of the senior high school subjects which are accepted by an accredited high school toward its diploma and which meet the standards for accrediting as defined by the University.

The transcript of credits certified by the senior high school must show any credit in mathematics or foreign language accepted from the ninth grade if these subjects have been continued in the senior high school. Fractional credits of the value of less than one-half unit will not be accepted. Not less than one unit of work will be accepted in a foreign language, elementary algebra, plane geometry, physics, chemistry, and biology.

### Sources of Acceptable Credits

The credits required for admission to the undergraduate departments, as detailed above, may be secured in three ways: (1) by *certificate* from an accredited high school or other secondary school; (2) by *examination*; and (3) by *transfer* from another university or college of recognized standing.

#### Admission by Certificate

The High School Visitor of the University visits and inspects, on request, high schools and other preparatory schools throughout Illinois. On the basis of his reports, approved by the Committee on Admissions from Secondary Schools, the University accredits all work which is found to be sufficiently well done. For a list of accredited schools, address the High School Visitor, Room 209, Administration Building. Not all the schools named in this list are accredited for the same amount of work, nor all for the same subjects. A student presenting a certificate from any one of these schools is given entrance credit for all the subjects named therein for which the school is specifically accredited.

Entrance credits are also accepted on certificate from the following sources:

- (1) Schools accredited by the North Central Association of Colleges and Secondary Schools.
- (2) Schools accredited to the state universities which are included in the membership of the North Central Association of Colleges and Secondary Schools, provided the certificate shows that the Illinois standard time requirements have been met.
- (3) Schools accredited by the Southern Association of Colleges and Secondary Schools.
- (4) Schools approved by the New England College Entrance Certificate Board.
- (5) High schools and academies registered by the Regents of the University of the State of New York.
- (6) The state teachers colleges of Illinois and other state teachers colleges having equal requirements for graduation.

#### Admission by Examination

Entrance examinations are given by the University at Urbana several times each year as shown in the calendar on page 4. Similar examinations are given in Chicago five times each year, in March, June, August, September, and December. These examinations cover substantially all the subjects required or accepted for admission. For brief outlines of the requirements in the various subjects, textbooks suggested for study, and examination programs, address the Registrar.

Credit for admission will be accepted from examinations conducted by the College Entrance Examination Board and by the New York Regents, if passed with a grade of sixty per cent or higher, subject to the requirements of majors, minors, and special subjects as listed on preceding pages.

#### Admission by Transfer

A person who has attended another college or university of recognized standing will be considered for admission to the University of Illinois on presenting (1) a transcript of his college record, (2) a certificate of honorable dismissal from the institution from which he comes, and (3) an official statement of his preparatory school work.

A person whose record at some other institution comes within either of the following classifications may enter the University only on approval of the dean of the college concerned and under conditions imposed by him: (1) A person dropped from another institution for poor scholarship or for disciplinary reasons. (In the latter case he must also obtain approval of the University Senate Committee on Discipline.) (2) A person whose record shows as much as fifty per cent (or more than twenty-five hours) of unsatisfactory work, i.e., unremoved failures and credits earned with a grade equivalent to the lowest passing grade in the University of Illinois.

No substitutes will be accepted for the high school subjects *prescribed* by the University or for the requirement of high school graduation, except that: (1) A student who comes from an institution rated in Class A by the University with a record of at least thirty semester hours without failures, and with an average grade ten points above the passing grade of the college, may be matriculated in a similar curriculum in the University, irrespective of deficiencies in prescribed subjects (except when necessary as prerequisites for advanced work to be taken here), whether or not

he is a high school graduate. (2) The Registrar is authorized to waive the high school graduation requirement, but not the subject requirements, in the case of a transfer student who has completed a year of satisfactory work in a college, normal school, or junior college rated in Class A or Class B by the University.

Credits may be accepted for advanced standing from another university or a college, or a junior college of recognized standing, or from a state teachers college. A student who has passed a course at the University of Illinois may not be given credit for the same course taken elsewhere. In general it is unwise for a student to enter a specialized curriculum at the University as late as the beginning of the senior year. Students intending to transfer to the University should send their credentials to the Registrar as early as possible.

If transferring to the pre-medical curriculum, the student must have a scholastic average in his college work of at least 3.5 in terms of the grading system of the University of Illinois.

The registration of students in chemistry courses, other than the elementary courses open to freshmen and a few courses for sophomores, is restricted to those having a grade-point average of at least 3.5 in all subjects, exclusive of the basic courses in military training and the required work in physical education and hygiene, and an average of at least 3.5 in chemistry courses. Transfer students to be admitted must have a corresponding record in the institution (or institutions) from which they transfer and must maintain a similar average at the University of Illinois.

Students in large numbers enter the University after completing one, two, or even three years at the other universities and colleges in Illinois. In recognition of this situation the University is cooperating cordially with the higher institutions in the state in their endeavor to coordinate their work with that of the University. In order that information may be had in advance in regard to the credit to be allowed from a specific institution, the University has adopted certain standards for accrediting and has classified the higher institutions within the state in accordance with the manner in which they are able to meet these standards. Students from the colleges which have met these standards in full, on entering the University, receive hour-for-hour credit; but in applying for a degree they are expected to conform to all the requirements of their chosen curricula. The Registrar of the University, on application, will furnish full information in regard to the transfer of credit.

#### **Advanced Standing by Examination**

Advanced standing in the undergraduate colleges at Urbana is granted only by examination unless the applicant is from an approved school. Proficiency examinations for advanced standing are described on page 98.

#### **Undergraduate Credit for Service and for Education in the Armed Forces**

The University, under general provisions administered by the Committee on Admissions from Higher Institutions, will recognize for college credit certain training and experience in the Armed Forces. Credit in military science and required physical education and hygiene will be approved when a person, honorably discharged, presents evidence that he has completed the basic training program in the Army, Navy, Marine Corps, or Coast Guard. The Committee will recognize for credit correspondence courses of college grade, the general educational development examinations and the examinations in special fields prepared by the United States Armed Forces Institute. The College Training Programs of the Army, Navy, and Marine Corps will be accepted as credit transferred from the institution where it was taken. The Committee will consider for credit work done in Army, Navy, Marine Corps, and Coast Guard Specialized and Technical Schools where its equivalence in terms of college courses is established by proficiency examinations, or where such courses have been recommended for college credit in the Guide to the Evaluation of Educational Experience in the Armed Services published by the American Council on Education.

#### **Unclassified Students**

Persons over twenty-one years of age may be admitted as unclassified students (not candidates for a degree) in the undergraduate colleges at Urbana, provided they

secure the recommendation of the instructor whose work they wish to take and the approval of the dean of the college concerned. They must give evidence that they possess the requisite information and ability to pursue profitably, as unclassified students, their chosen subjects, and they must meet the special requirements for the particular college in which they wish to enroll, as stated below.

An unclassified student is not matriculated and must pay a tuition fee of \$7.50 a semester in addition to the regular tuition fee.

No one may enroll as an unclassified student in any school or college of the University for more than two years, except by special permission, application for which must be made through the dean of the college.

A person registered as an unclassified student in one college and desiring to take a course in another college of the University must obtain the approval of the dean of the latter college.

For certain of its colleges the University has adopted special requirements for the admission of unclassified students. These are as follows:

*College of Liberal Arts and Sciences.*—A written application must be presented, accompanied by official certificates indicating the applicant's preparatory work and showing honorable dismissal from the school last attended.

*College of Commerce and Business Administration.*—A written application must be presented, accompanied by official certificates showing the character and extent of preparatory work accomplished and honorable dismissal from the school last attended. Statements from employers or official superiors may also be presented as collateral evidence of the candidate's qualifications.

*College of Engineering.*—The applicant must satisfy the regular entrance requirements in mathematics and English (algebra,  $1\frac{1}{2}$  units; plane geometry, 1 unit; solid geometry,  $\frac{1}{2}$  unit; English composition and literature, 3 units).

*College of Agriculture.*—In the case of men, two years of experience in practical agriculture are required. Any applicant accepted who is unable to satisfy the regular entrance requirements in English must study English in the University until the deficiency is removed.

*College of Law.*—No credit earned by an unclassified student in the College of Law may be counted toward a degree in law.

### Admission to Correspondence Courses

Correspondence courses are open to any applicants who can meet the University entrance requirements and also to persons eighteen or more years of age whose applications are approved by the Director of University Extension. For further information address the Director, 118a Illini Hall, Champaign, Illinois.

### Admission to the Graduate School

Admission to the Graduate School may be granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois. Admission may be to full graduate standing, to graduate standing with certain deficiencies to be removed, or to special status without reference to a degree. There are special scholastic requirements for admission to graduate work in chemistry, chemical engineering, music, medicine, and dentistry. Admission to the Graduate School does not, however, imply admission to candidacy for a degree, and gives no right or claim to be so admitted. A mere accumulation of "credits" or "grades" is not sufficient. Application blanks for admission may be secured from the Registrar. Every applicant must submit with his application for admission an official transcript of his college record.

### Admission to the Curriculum in Occupational Therapy

The curriculum in occupational therapy, leading to the degree of Bachelor of Science in Occupational Therapy from the College of Medicine, is offered to men and women who are able to meet the requirements listed below.

At present the program consists of five semesters in the College of Liberal Arts and Sciences at Urbana, and five terms in the College of Medicine in Chicago. The work on the Urbana campus is divided into two levels. The first two semesters constitute the pre-professional curriculum, while the third, fourth, and fifth semesters constitute the professional phase of the work.

*Pre-Professional Curriculum.*—An applicant for admission to this curriculum must meet the following requirements:

(1) He must be a graduate of an accredited high school and meet the general requirements for admission to the College of Liberal Arts and Sciences;

(2) He must be in the upper 50 per cent of his high school graduating class or pass satisfactorily examinations given by the Student Personnel Bureau;

(3) He must be under thirty years of age;

(4) A health examination given by the University Health Officer must be passed satisfactorily;

(5) An interview is required with either the Assistant Dean of the College of Liberal Arts and Sciences or the Director of the Occupational Therapy Curriculum.

All of the above requirements must be certified to the Registrar before a permit to enter is issued. The applicant should arrange for the examinations and interview well in advance of the beginning date of the term in which he plans to enter.

*Professional Curriculum.*—Prior to the beginning of the third semester of registration at Urbana students are advised of acceptance into the professional curriculum. All admissions are decided by the Committee on Admissions to the Occupational Therapy Curriculum. The number admitted to the professional curriculum is governed by the facilities in the College of Medicine. Candidates are selected on the basis of scholastic record and such examination and other evidence as the committee may require.

At the end of the fifth semester, students are considered for admission to the College of Medicine by the Committee on Admissions to the Occupational Therapy Curriculum. To be eligible for consideration, the student must have a cumulative scholastic average of at least 3.5. In considering applications for admission the committee will carefully study all pertinent evidence. Other factors being equal, preference will be given to candidates who are residents of Illinois.

*Transfers.*—Transfer students must pass the health examination and complete the interview required for admission to this curriculum as stated above. These must be certified to the Registrar before a permit to enter is issued. In all but exceptional cases, transfer students must complete a minimum of two semesters in residence at Urbana before being eligible for admission to the College of Medicine. After admission by transfer, such students will be governed by the same regulations as are applicable to other students in the curriculum.

### Admission of War Veterans

Veterans may enter the University either in the Division of Special Services for War Veterans or in any of the colleges or schools for which they have the essential prerequisites. They may qualify for admission under the entrance requirements described above or on the basis of previous work in college, graduation from high school, the passing of examinations, or other satisfactory demonstration of ability to carry college work.

### ADMISSION TO THE PROFESSIONAL SCHOOLS

An undergraduate student in the Urbana departments of the University will not be permitted to transfer his registration to any of the professional schools of the University in Chicago while his record shows a deficiency in any of the subjects which, as general requirements of the University, are a part of his curriculum. A student who enters one of the professional schools at Urbana deficient in any general requirement of the University will be required immediately to register in the subject or subjects in which he is deficient and to continue such registration in successive semesters until the University requirement is met in full.



### **Admission to the College of Education**

Admission to the curriculum in industrial education is granted on admission to the University as a freshman. Candidates for admission to all other curricula of the College of Education must be able to matriculate in one of the undergraduate colleges and must offer, in addition, two years of undergraduate work, comprising not less than fifty-six semester hours of college credit exclusive of required courses in physical education and military science. No applicant whose grade-point average in all college work is less than 3.5 will be admitted except on recommendation of the College Committee on Admissions and Guidance.

### **Admission to the College of Law**

Admission to the three-year curriculum in the College of Law is granted to graduates of the University of Illinois and of other colleges and universities of approved standing who have achieved a weighted grade average of at least 3.0, in terms of the grading system of the University, in all work submitted for their degrees; and to students of senior standing in the University of Illinois and in other approved colleges and universities who have achieved a weighted grade average of at least 3.25.

Admission to the four-year curriculum in the College of Law is granted to students who have completed in residence one-half of the number of hours required for a bachelor's degree in a college of the University of Illinois, or one-half of the number of hours required for a bachelor's degree in a college approved by the University, and who have achieved a weighted grade average of at least 3.5.

### **Admission to the School of Journalism**

For admission to the School of Journalism as a candidate for a degree, a student must be able to matriculate in one of the undergraduate colleges of the University and must offer in addition, sixty semester hours of work with an average grade of "C" in one of the undergraduate curricula, exclusive of physical education and military science. A candidate who seeks admission from another institution must offer the same amount of work in an established curriculum of that institution. An applicant for admission will find it to his advantage to include in his pre-journalism curriculum at least six hours of rhetoric and composition, eight hours of history, political science, economics, and sociology, and ten hours of science (including mathematics).

During the wartime emergency the School of Journalism also offers a two-year program open to high school graduates who present 15 acceptable units of work including the following: (1) three units of English; (2) three units in either foreign language or mathematics, or three units in science or social sciences and two units in either foreign language or mathematics.

### **Admission to the Library School**

For admission to the Library School a bachelor's degree in arts or sciences from the University of Illinois or other equivalent training is required. The scholastic average during the four years of undergraduate work must be at least 3.5, or its equivalent as determined by the University for institutions using a different grading system. Every prospective student must file with the Assistant Director of the School an application blank and transcripts of his work in all colleges and universities previously attended. Applications should be submitted as early as possible, and not later than four weeks before registration. New students are admitted at the beginning of the first semester or the summer semester, but not at the beginning of the second semester which has as its prerequisite credit in all first semester courses.

Men and women who can meet the formal requirements for admission and who have the following qualifications are encouraged to apply: (1) individuals with well adjusted personalities, who enjoy working with people as well as with books and who are willing to accept social responsibility and leadership; (2) individuals with good physical health, free from serious physical defects which would handicap them in the performance of library services; (3) those under thirty-five years of age, and those older than thirty-five who are already engaged in library service, or in other work requiring similar intellectual qualities.

Correspondence regarding admission should be addressed to the Assistant Director of the Library School from whom the necessary application blanks can be secured. No student should complete his plans for attending the Library School until he has received notification of his admission.

## ADMISSION TO COLLEGES IN CHICAGO

APPLICATIONS FOR ADMISSION to any one of the University's three colleges in Chicago—Dentistry, Medicine, or Pharmacy—should be addressed to the Examiner, 1853 West Polk Street, Chicago 12. Official credentials, covering all collegiate and secondary school work done by the applicants, must be sent directly to the Examiner from each institution attended. Since space limitations make it necessary to restrict enrollment, applicants should have their credentials mailed to the Examiner as early as possible. Applications will be received at any time within nine months before the date for registration. Credentials accepted for admission become the property of the University and are kept in the files.

*Health Certificates.*—For each applicant whose previous record meets the requirements for admission, or who appears likely to meet them before the opening of the school year when he desires to enroll, the health officer at the last institution attended will be asked to furnish a certificate concerning the applicant's health, both physical and mental. When the health service of an institution can not supply the desired information, the applicant should have his family physician send in a report on his physical condition. If a student's application for admission is approved at a date so late as to make it impossible to obtain a health certificate before classes begin, he may be registered temporarily pending a satisfactory report.

*Physical Examination.*—Each applicant who is accepted for admission must report to the University Health Service for a physical examination prior to registration. Appointments for this examination are usually made in the month preceding registration. Each applicant is also urged to report to his family physician and dentist for a complete examination, including Schick and Dick reactions and smallpox vaccination. The applicant's eyes should also be examined and fitted with glasses if needed. A statement from the family physician regarding findings and immunization procedures should be forwarded to the Health Service of the University. (Students unable to show negative Schick and Dick reactions and recent successful smallpox vaccination must report for immunization before registration for the second year in the College of Medicine.)

*Selection of Applicants.*—As the capacity of the Colleges of Dentistry, Medicine, and Pharmacy is limited, selection of applicants is necessary. Selection is made by committees on admission, one for each college. No student will be considered who is on scholastic probation or who has been dropped for poor scholarship from the last institution attended prior to seeking admission to the University of Illinois. Applicants who meet in full the course and grade-average requirements will be considered by the appropriate committee. In selecting applicants, each committee will take into consideration such factors as scholastic records, the schools and colleges previously attended, letters of recommendation, especially from teachers in the laboratory sciences, health records, aptitude tests, and such special examinations as may be determined by the committee. Other factors being equal, preferential consideration will be given to applicants who are residents of Illinois. A personal interview with the committee is desirable. Invitations to register will be sent to approved applicants.

*Deposit.*—Each applicant who is assigned a place in any class, in the Colleges of Dentistry, Medicine, and Pharmacy, is required to make a deposit of \$15 within two weeks of the date of notification that he will be admitted. This

deposit will be applied on fees assessed against him at the time of registration. Failure to pay this deposit within the specified time will subject the applicant to forfeiture of his place. The deposit will be returned if the applicant notifies the Examiner, at least thirty days before the time for registration, that he will not be able to enter. The Registrar is authorized to make refunds after that time when, in his judgment, the circumstances so justify.

*Medical Aptitude Test.*—All students who contemplate applying for admission to the College of Dentistry or the College of Medicine should take the Moss Medical Aptitude Test. Information concerning this test may be obtained from the registrar of any college.

*Renewing Applications.*—An applicant who has been accepted for admission but fails to enroll, and who wishes to enter in a subsequent year, must reapply for admission and must meet all the requirements in force at the time of his new application.

### Admission to the College of Dentistry

In addition to the general regulations stated above for admission to the colleges in Chicago, applicants for admission to the College of Dentistry must meet the following requirements.

Each applicant must present satisfactory evidence of six years of work as follows:

(1) Four years of work in an accredited high school or the equivalent, comprising not less than fifteen units in acceptable subjects, including prescribed subjects as follows: English, 3 units; algebra, 1 unit; plane geometry, 1 unit; laboratory science, 1 unit.

(2) Two years of work in an approved college of liberal arts and sciences, comprising not less than sixty semester hours, including prescribed subjects as follows:

	<i>Hours</i>
Chemistry (including four hours of organic chemistry).....	12
Physics.....	6
Biology.....	6
English.....	6
Electives (excluding military, hygiene, and physical education).....	30
<i>Total</i> .....	<u>60</u>

As the function of the pre-dental years is to supply a general background for the student as well as specific training in the fundamental concepts of the sciences, it is recommended that the elective hours include history, economics, sociology, philosophy, and at least one modern language.

The course requirements as stated above must be met in full before admission will be granted. No deficiencies are permitted, but the committee on admissions may waive full compliance with the course specifications if the applicant possesses unusually high qualifications.

*Grade Requirement.*—Only those applicants who have grade averages of 3.0 or better in their college courses will be considered by the committee on admissions. Those who have averages of 3.5 or better will be given preference by the committee.

*Candidates for the Degree of Bachelor of Science in Dentistry.*—The pre-dental work of students who wish to be candidates for the degree of Bachelor of Science on the completion of the second year in the College of Dentistry should be distributed as follows:

	<i>Hours</i>
Chemistry (including four hours of organic chemistry).....	12
Physics.....	6
Biology.....	8
English.....	6
German, French, Spanish, or Italian.....	6
Electives (excluding chemistry, physics, and biology).....	6
Free electives.....	<u>16</u>
<i>Total</i> .....	<u>60</u>

*Procedure for Pre-Dental Students at Urbana.*—Other factors being equal, students who complete their second year of pre-dental work in the University of Illinois at Urbana will be given preferential consideration by the committee on admissions. Such students must comply with the same conditions as stated for pre-medical students in paragraphs numbered 1-4 on page 95.

*Admission with Advanced Standing.*—Should there be vacancies in upper classes, students who meet the requirements for admission to the College of Dentistry, and who have studied dentistry for not less than one year in any college accredited by the University of Illinois, may be admitted with advanced standing. Such students, however, will be required to comply with all the conditions of the curriculum of the College of Dentistry and to complete not less than two years of study in this college. Complete credentials, including a letter of honorable dismissal, are required of any applicant who has previously attended a dental school. Graduates of colleges of medicine accredited by the University may be admitted to the College of Dentistry and given credit for all satisfactorily completed requirements of the dental curriculum.

*Admission of Unclassified Students.*—A person twenty-one years of age or over, who has met the requirements for admission, or who is a graduate of a recognized dental school, may be admitted as an unclassified student, to take a partial schedule of work, on approval of the Dean of the College of Dentistry.

### Admission to the College of Medicine

In addition to the general regulations stated above for admission to the colleges in Chicago, applicants for admission to the College of Medicine must meet the following requirements. These requirements will continue in effect for the duration of the war and as long thereafter as is necessary in the then existing circumstances.

	<i>Hours</i>
Chemistry (including four hours of organic chemistry).....	12
Physics (including at least two hours of laboratory work in mechanics, heat, sound, light, and electricity).....	8
Zoology (including a course in general zoology and one in vertebrate zoology, with at least four hours of laboratory work).....	8
English.....	6
Modern language (French, German, Spanish, etc.).....	6
Electives outside the chemical, physical, and biological sciences.....	6
Free electives.....	14
<i>Total</i> .....	60

The course requirements as stated above must be met in full before admission will be granted. No conditions are permitted, but the committee on admissions may waive full compliance with the course specifications if the applicant possesses unusually high qualifications.

*Grade Requirement.*—Each applicant for admission to the College of Medicine, whether from the University of Illinois at Urbana or from another institution, must have attained a scholastic average of not less than 3.5, or its equivalent as determined by the University of Illinois for institutions using a different grading system.<sup>1</sup>

*Procedure for Pre-Medical Students at Urbana.*—The medical curriculum offered by the University ordinarily consists of three years of pre-medical work at Urbana, including the subject requirements stated above, two years of pre-clinical work in the College of Medicine in Chicago (after this pre-clinical work a B.S. degree may be given), two years of clinical work in the College of Medicine (for the four years in the College of Medicine the student at his option may receive the degree of Bachelor of Medicine), and one year as an interne in a hospital approved by the University. Other factors being equal, students at Urbana who have completed the pre-medical

<sup>1</sup>This rule is interpreted according to the number of passing grades. In a system of four passing grades, A, B, C, and D, the literal grades are translated into figures as follows: A = 5; B = 4; C = 3; D = 2; E (failure) = 1. Where there are more or less than four passing grades, the computation is adjusted to make the same level of accomplishment apply. The individual grades are multiplied by the respective number of semester hours which each represents, and the sum of these products is divided by the total number of semester hours taken. In the case of repeated courses, both grades earned will be counted in computing the average.

curriculum with an average of 4.0 will be given preferential consideration by the committee on admissions, provided that at least the second and third years of the pre-medical work have been done at Urbana. Students entitled to such preferential consideration proceed as follows:

(1) The student who wishes thus to continue his work in the University must signify his intention to the Registrar, on a form provided by the Registrar, at least six months before the date on which he plans to register in the College of Medicine.

(2) The student must comply with the general regulations for registration in the College of Medicine. This includes the payment of a deposit of \$15 within two weeks of the date of notification that he will be admitted. Failure to pay this deposit within the specified time will subject the applicant to forfeiture of his place. If he enters, the deposit will be applied to the fees of the first semester.

(3) No student who is on probation in the University, or who has been dropped for poor scholarship, at the time he seeks to transfer his registration to the College of Medicine, has any claim to precedence over students who come with clear records from the University of Illinois or other institutions.

(4) No student at Urbana will be permitted to transfer his registration to the College of Medicine while his record shows a deficiency in any of the subjects which, as general requirements of the University, are a part of his curriculum.

(5) The registration of students who are not residents of Illinois can be continued in the College of Medicine only by special action of the committee on admissions. Only a very limited number of non-state students can be admitted.

*Preference to Illinois Residents.*—In considering applications for admission to the College of Medicine, the committee on admissions gives preference to candidates who are residents of Illinois. Non-residents must present outstanding scholastic records to be considered. Places in the first-year class are assigned to applicants from Cook County and to applicants from Illinois outside of Cook County in the proportion which each area bears to the total population of the state according to the latest federal census; provided that if at any time the quota from either area is not filled the remaining places may be assigned to applicants from the other area. On this basis at the present time approximately fifty per cent of the places in the first-year class will be assigned to applicants from Cook County and fifty per cent to applicants who are residents of Illinois outside of Cook County.

*Admission with Advanced Standing.*—As a result of the affiliation of Rush Medical School with the University of Illinois, it is possible to admit a limited number of transfer students to the third-year class in the College of Medicine. In considering applications, the committee on admissions will give preference to the candidates who present the strongest scholastic records. No student who is on probation or who has been dropped for any reason from a medical school will be considered for admission.

### Admission to the Occupational Therapy Curriculum

The curriculum in occupational therapy, leading to the degree of Bachelor of Science in Occupational Therapy from the College of Medicine, is offered to men and women who are able to meet the requirements as listed on page 89. During the first five semesters of the curriculum students register in the College of Liberal Arts and Sciences on the Urbana campus; at the end of that time they are transferred to the College of Medicine in Chicago for the remaining five terms of training.

### Admission to the College of Pharmacy<sup>1</sup>

In addition to the general regulations stated above for admission to the colleges in Chicago, the following requirements stated elsewhere in this Register are in effect for admission to the College of Pharmacy:

*High School Graduation*—page 82.

*Fifteen Units Required*—page 83, paragraphs I, II, IV

*Majors and Minors*—pages 83 and 86.

*Sources of Acceptable Credits*—page 87.

*Admission by Certificate*—page 87.

*Age.*—The minimum age for admission is sixteen years.

<sup>1</sup>Subject to approval by the Board of Trustees.

*Required Subjects.*—English, three units; mathematics, at least two units, including one unit in algebra and one unit in plane geometry.

*Recommended Subjects.*—Science, two units, including biology; social studies, two units.

*Selection of Applicants.*—The Committee on Admissions will take into consideration the candidate's personal qualifications, interest in the profession of pharmacy, high school scholarship rank, letters of recommendation (especially from high school teachers), health records, aptitude tests, and such special examinations as may be determined by the Committee. A personal interview is desired whenever possible.

## GENERAL REQUIREMENTS FOR GRADUATION

A BACHELOR'S DEGREE is conferred on a student who satisfactorily completes a curriculum in one of the colleges or schools at Urbana, doing either the first three years or the last year of work in residence, but students whose progress has been interrupted by call to armed services, and who have subsequently (as members of the armed services) taken work which is acceptable by transfer as satisfying the requirements of their curricula, may be considered to have fulfilled the residence requirement if they have had either the junior year or the second semester of the junior year and the first semester of the senior year at the University of Illinois. Each candidate for a bachelor's degree must meet the general requirements of the University with respect to registration, residence, military science, hygiene, physical education, and rhetoric; must pass in the subjects which are prescribed in his curriculum; must conform to the directions of that curriculum in regard to electives and the total number of hours required for graduation; and must meet the minimum scholarship requirements which the University has approved for his college or school.

The system of grading is as follows: "A," excellent; "B," good; "C," fair; "D," poor (but passing); "E," failure. Examinations are conducted by the faculty at the end of each semester.

The required work includes, for men, military science and tactics, hygiene, physical education, and rhetoric; for women, hygiene, physical education, and rhetoric. Women entering the University as freshmen are required to obtain credit for four semesters of work in physical education and one semester in hygiene; those entering as sophomores, two semesters in physical education. Men entering the University as freshmen are required to obtain credit for one semester of hygiene. Men in the freshman and sophomore classes, who are under twenty-two years of age when entering the University, are required to take military science and tactics unless exempted or excused by special regulations. During the wartime emergency all men under thirty years of age who do not have a baccalaureate degree are required each semester to take physical education.

After September 1, 1943, all students entering the University as freshmen direct from secondary school are required to take a placement test in rhetoric. Those who fail to pass this test must make up the deficiency by tutoring, correspondence study, or by passing Rhetoric 0, a non-credit course meeting three hours each week. A student who fails to pass the placement test or Rhetoric 0 by the beginning of his third semester must withdraw until he does pass. A satisfactory proficiency in the use of written English is a requirement for all undergraduate degrees awarded by the Urbana divisions of the University. In order to assure such proficiency the following regulations have been established: (1) Students who entered the University between September 1, 1941, and September 1, 1944, and who received grades of "D" in Rhetoric 2 are required to take an extra semester course in rhetoric (Rhetoric 5). (2) For the same period, students who entered from other colleges and universities with grades equivalent to the grade of "D" at the University in courses equivalent to

Rhetoric 2 are required to take the third semester course in rhetoric (Rhetoric 5), or pass a proficiency examination. (3) Students entering the University after September 1, 1944, and who receive grades of "C" or "D" in Rhetoric 2, or its equivalent, are required to take an English qualifying examination before graduating. Those who fail to pass the qualifying examination are required to pass an extra semester course in rhetoric (Rhetoric 5).

In any curriculum in which less than fifteen hours of laboratory science are required, a student who enters without at least one unit of laboratory science must substitute five hours of a laboratory science for five hours of electives in the requirements for graduation.

In a beginning course in a foreign language not less than a full year's work (normally eight credit hours) will be accepted toward graduation.

If a thesis is to be submitted in partial fulfillment of the requirements for a bachelor's degree, the subject must be announced by the first Monday in November, and the completed thesis on regulation paper must be presented to the dean of the proper college. The work must be done under the direction of a professor in the department concerned and must be in the line of the curriculum for which the degree is expected.

After matriculation, a student may count, toward his degree, as much as sixty semester hours of credit earned in correspondence study in subjects passed with grades of "C" or higher, under the following conditions: (1) if he completes all the remaining requirements for the degree in residence at the University; or (2) if he presents acceptable residence credit for work done elsewhere and completes the requirements needed for his degree in residence at the University. In all such cases the senior year (of not less than thirty semester hours) must be done in residence at the University.

A student who has earned three years of residence credit at the University may do his senior year in correspondence study, subject to meeting all the requirements for his degree as announced by his college or school.

Degrees are conferred at the Commencement exercises in June, February, and October. Students who are to complete their work for the bachelor's or the master's degree at the end of an eight-week summer term, and who, in advance of the June meeting of the University Senate, file a list of specified courses to be taken that summer which complete the requirements in their cases, may be recommended for degrees in August.

A student who has received one bachelor's degree may receive a second bachelor's degree, provided that all specified requirements for both degrees are fully met, and provided also that the curriculum offered for the second degree includes at least thirty semester hours not counted for the first degree.

### **Seniors Who Withdraw for Military Service**

A student withdrawing for military or naval service, who has been in residence at the University for not less than two full semesters and has met all requirements for graduation (including minimum scholarship requirements) except those which he would fulfill by completing the courses for which he registered at the time he withdraws, may be recommended for his degree; provided he has completed the seventh week of that semester, and provided his standing in the courses for which he is registered would, if maintained to the end of the semester, satisfy the requirements for his graduation. If the withdrawal occurs before the completion of the seventh week of such semester, the student may be recommended for his degree upon passing examinations covering the first half of the subject matter of the courses in which he is then registered.

Effective February 1, 1942, and thereafter, a senior in graduate standing who lacks no more than one-sixteenth of the total credit hours required for his degree, who leaves the University during a semester or during the interim between successive semesters and who enters military or naval service within ten days of the date of withdrawal, may, in the discretion of his college and with the approval of his major department, be recommended for such degree. No student shall be considered eligible for this privilege who has acquired hours under the seven weeks or twelve weeks rule.

## PROFICIENCY EXAMINATIONS

EACH SEMESTER the University gives proficiency examinations, similar to the regular semester examinations, in courses normally open to freshmen and sophomores. Proficiency examinations in more advanced undergraduate subjects are given on recommendation of the head of the department and approval of the dean of the college. There is no fee charged for these examinations. A student who passes a proficiency examination is given credit toward graduation, provided that this does not duplicate credit counted for his admission to the University and that the course is acceptable in his curriculum. The grade in proficiency examinations is "pass" or "not pass," but no student is given a grade of "pass" unless he has made at least "C" in the examination. No official record is made of failures in these examinations.

Proficiency examinations are given under the following restrictions: (1) They may be taken only by persons who are in residence, or who are candidates for degrees at the close of the college year in which the examination is to be given and who need no more than ten semester hours to complete the requirements for their degrees. (2) They may not be taken by students who have received credit for more than one semester of work in the subject in advance of the course in which the examination is requested. (3) They may not be taken to raise grades or to remove failures in courses.

## HONORS

STUDENTS who attain a high grade of scholarship are given official recognition by the University according to the following system of honors. The plan for Honors Day is applicable to undergraduates at Urbana who are enrolled in a four-year curriculum requiring only high school preparation for admission, or in the College of Education or School of Journalism.

### Honors Day

Honors Day is observed annually at Urbana by a convocation of students and members of the faculty, with an address by a distinguished speaker. Announcement is made of the election of students to honorary societies in which the basis of election meets a standard of scholarship approved by the Committee on Honors Day. Announcement is made also of organized groups of students whose average is equivalent to 0.20 above the average of all undergraduates on the basis of methods employed by the University authorities in determining group averages. Special recognition is given to undergraduate students who have distinguished themselves in scholarship during the two semesters previous to Honors Day (with the exception that in the case of freshmen the basis of award is the work of the first semester). Three grades of honors are awarded, as follows:

*Class Honors.*—Students in the upper ten per cent of each class within the respective schools or colleges are awarded Class Honors and are entitled to have their names printed on the Convocation program in recognition of their high scholarship, provided that no student shall be included whose average is below "B."

*College Honors.*—Students in the upper three per cent of the sophomore, junior, and senior classes within the respective schools and colleges are awarded College Honors in recognition of their superior scholarship and are entitled to wear the scholarship emblem.

*University Honors (Bronze Tablet).*—(a) Those seniors who have been in the upper three per cent of their class in the respective schools and colleges in the four semesters preceding Honors Day, and, therefore, have been awarded College Honors in both junior and senior years, are awarded University Honors in recognition of their sustained excellence in scholarship, and are entitled to have their names inscribed on the Bronze Tablet. (b) Other senior students who have earned College Honors twice, and whose scholastic averages for the first seven semesters are equal to or



higher than the four-semester average of the lowest student currently chosen for University Honors from their college, under (a), are also entitled to have their names inscribed on the Bronze Tablet. (c) Senior transfer students who have not been at Illinois long enough to be considered under (a) or (b) are also entitled to have their names inscribed on the Bronze Tablet, provided that: (1) their scholastic averages in the University of Illinois for the three prior semesters are equal to or higher than the four-semester average of the lowest student currently chosen for University Honors from their college under (a); and that (2) their averages in transferred credits for the year prior to their transfer are at least equal to the average of those chosen for University Honors under (a).

The awards are based on the attainments of the students as shown by the scholastic records on file in the office of the Registrar. The students and organizations to be given honors are selected by the University Senate through its Committee on Honors Day, and on the recommendation of the deans of the various colleges.

A student whose name is among the upper ten per cent of his class in accordance with the foregoing plan, at the convocation held in his junior year, is permitted so to adjust the studies of his senior year as to allow him freedom to put a considerable proportion of his time on some selected subject of study or investigation under the supervision of the department concerned, provided that such arrangement does not cause omission of prescribed subjects in set curricula except by special permission of the dean of his college. In lieu of a final examination the department may require such reports or thesis as it deems most suitable. The amount of approved work which may be thus taken during the senior year may not exceed the equivalent of a total of ten semester hours if taken within one department or of sixteen semester hours if in two departments. A student availing himself of the opportunity which this plan offers may not register for more than a total of eighteen hours either semester of his senior year.

### Graduation with Honors

With the approval of the University Senate and the Board of Trustees, any college or school may prescribe the conditions under which candidates for degrees may be recommended for graduation with honors. When a proposal by a college or school has thus been approved the following plan of graduation with honors ceases to apply to that division of the University. (For graduation with honors from the College of Liberal Arts and Sciences, see page 131; the College of Agriculture, see page 170; the College of Fine and Applied Arts, see page 190.)

The University Senate may recommend candidates for bachelors' degrees with honors in a particular field under the following conditions:

To be considered for honors, a student must have been in residence at the University for at least four semesters, or have earned in residence at least sixty hours.

For the degree with *Honors*, the student must have received the grade of "A" in at least one-half of the semester hours accepted in satisfaction of the requirements for a major, or in a minimum of twelve hours in *approved courses in his field of specialization*, exclusive of beginning courses open to freshmen, and no grade below "C" in any of the work offered in his major or field of specialization. He must have attained a grade of not lower than "B" in at least three-fourths of all other work which he presents for graduation, exclusive of courses during his freshman year.

For the degree with *High Honors*, constituting a recognition of work of exceptional merit, the student must have received the grade of "A" in at least three-fourths of the work offered in courses accepted in satisfaction of the requirements for a major or in a minimum of fifteen hours in *approved courses in the field of specialization*, exclusive of beginning courses open only to freshmen, and no grade below "B" in the work offered in his major or field of specialization. He must also have attained a grade not lower than "B" in at least three-fourths of all the other work which he presents for graduation, exclusive of courses taken during his freshman year. In addition he must have completed satisfactorily at least ten hours in courses open to advanced undergraduates and graduate students, or courses approved for this purpose by the department in his field of specialization. He must either present an acceptable thesis or pass a comprehensive examination based on a course of study approved by that department.

The thesis or course of study in the field of specialization shall carry credit for at least four semester hours, irrespective of whether the student eventually receives *High Honors* or not; and the instructor in charge shall report to the Registrar a grade for each semester, based on the student's progress.

These distinctions shall be noted on the student's baccalaureate diploma and in the Commencement program, and the winners shall receive special consideration in departmental recommendation for graduate scholarships and for professional positions.

### Graduation with Honors in the Professional Schools

A student who complies with the requirements for graduation from the College of Law (degree of B.S. or J.D. or LL.B.), the School of Journalism, the Library School, the College of Medicine, the College of Dentistry, or the College of Pharmacy, and who attains in all work done in courses offered in the college concerned, and presented for the degree, the average grade specified below, may be recommended by the University Senate for the honors stated: for an average grade of not less than 4.35 (an average of 4.6 to 4.8 in the Library School), *Graduation with Honors*; for an average grade of not less than 4.75 (an average of not less than 4.9 in the Library School), *Graduation with High Honors*. The honors conferred shall be noted on the student's diploma and in the Commencement program.

### FEES AND EXPENSES

**E**STIMATED annual expenses for undergraduate students attending at Urbana, exclusive of such variable items as clothing, railroad fare, and recreation, are tabulated below. This estimate covers two semesters for students who are residents of Illinois. (For those who are not residents of Illinois the tuition is higher.)

	<i>Minimum Budget</i>	<i>Moderate Budget</i>
Matriculation fee (new students only) . . . . .	\$ 10	\$ 10
Tuition fee (residents of Illinois) . . . . .	80	80
Laboratory, library, and supply fee . . . . .	10	10
Hospital and medical service fee . . . . .	10	10
Illini Union service charge . . . . .	10	10
Textbooks . . . . .	25	30
School supplies . . . . .	14	18
Room . . . . .	100	130
Board . . . . .	250	325
Laundry (mailed home) . . . . .	9	9
Miscellaneous . . . . .	20	90
<i>Total</i> . . . . .	<u>\$538</u>	<u>\$722</u>

*Note*.—Students of law and music and unclassified students are charged additional fees. Also each student at Urbana must make a deposit of \$5. An additional deposit of \$10 (\$15 in all) is required of students withdrawing military equipment.

### FEES IN THE URBANA DEPARTMENTS (Including the full summer term of sixteen weeks)

*Note*: Fees are payable in full when the student registers.

<i>Matriculation Fee</i> .—Each student not holding a scholarship, on satisfying the requirements for admission to the University, pays the matriculation fee of . .	\$ 10.00
<i>Tuition Fee</i> .—	
All students in departments at Urbana other than Law, if residents of Illinois, except those holding scholarships, pay each semester a tuition fee of . . .	40.00
Students in departments at Urbana other than Law and the Graduate School, if not residents of Illinois, pay each semester a tuition fee of . . . . .	80.00
Students in the College of Law, if residents of Illinois, except those holding scholarships, pay each semester a tuition fee of . . . . .	50.00
Students in the College of Law, if not residents of Illinois, pay each semester a tuition fee of . . . . .	100.00
Students in the Graduate School, if not residents of Illinois, pay each semester a tuition fee of . . . . .	70.00
Graduate students enrolled for thesis work for the master's degree on leave of absence pay a tuition fee of . . . . .	20.00
Candidates for professional degrees in engineering pay each year a tuition fee of . . . . .	25.00

<i>Law Fee.</i> —Students not registered in the College of Law pay each semester for courses in law (per semester hour), in addition to the tuition fee, a fee of . . .	1.00
<i>Unclassified Student's Fee.</i> —Unclassified students pay each semester, in addition to the tuition fee, a fee of . . . . .	7.50
<i>Hospital and Medical Service Fee.</i> —All students in residence at Urbana, except persons on appointment on the University staff or the staffs of the allied surveys or laboratories, and students taking not more than one unit of graduate work or five hours of undergraduate work in a semester, or one-half unit of graduate work or three hours of undergraduate work in the eight-week summer session, pay each semester, as insurance for hospital and medical service, a fee of . . . . .	5.00
(Note: A student who presents evidence of participation in any other group insurance system providing the same benefits as those covered by the University fee, may petition through the office of the Dean of Students for a refund of this fee.)	
<i>Laboratory, Library, and Supply Fee.</i> —Students in departments at Urbana taking more than eight hours or more than two units of instruction, pay each semester a laboratory, library, and supply fee of . . . . .	5.00
(Students taking less than this amount of instruction pay \$2.50 each semester.)	
<i>Late Registration Fee.</i> —Former students who register after the regular registration days in either semester pay a late registration fee of . . . . .	5.00
<i>Change Fee.</i> —For every change slip issued later than the Monday noon following registration, the fee is . . . . .	1.00
<i>Listener's Fee.</i> —Persons not connected with the University who attend classes as listeners pay for each course each semester . . . . .	7.50
<i>Transcript Fee.</i> —Each student who has paid all his University fees is entitled to receive, without charge, one transcript of his record. For each additional transcript the fee is . . . . .	.50
<i>Special Examination Fee.</i> —For any special examination to remove a failure the fee is . . . . .	5.00
<i>Graduation Fee.</i> —Each student, on completing the requirements for a degree, pays a graduation fee of . . . . .	10.00
<i>Illini Union Service Charge.</i> —All students registering for resident work in the Urbana departments of the University, except graduate students who are members of the University staff and others who are registered for not more than one unit of graduate work or not more than five semester hours of undergraduate work, are assessed each semester an Illini Union Building service charge of . . . . .	5.00
<i>Fee for Instruction in University High School.</i> —University students who also register in the University High School pay, in addition to their University fees, for each half-unit each semester . . . . .	10.00
(Provided that the total additional charges shall not exceed \$25 a semester.)	

*Deposits.*—Each student at Urbana, except persons on University appointment or on appointment in allied surveys or laboratories, must make a deposit of \$5 at the time of his first registration. An additional deposit of \$10 (\$15 in all) is required of students withdrawing military equipment. Chargeable against these deposits are such items as unreturned towels and locks, lost library books, library fines, shortages in laboratory, military, and other equipment, etc. Whenever the amount of the \$5 deposit falls below \$2.50 or the amount of the \$15 deposit falls below \$12.50, the student will be required immediately by additional deposit to bring the total up to \$5 and \$15, respectively. Any balance in a deposit will be returned to the student in case he officially withdraws from the University.

*Identification Card.*—Each student at Urbana on completing registration in each semester is given an identification card for use in obtaining loans of library books, locks, towels, and other equipment.

*Service Charge for Deferred Fees.*—A service charge of ten per cent of the amount of fees deferred, but not to exceed \$3 a semester, is assessed for the privilege of deferring fees, and this charge must be paid on the day of registration. If deferred fees are paid in full within ten days after registration, the service charge is refunded *except* that a minimum service charge of \$1 is retained by the University in all cases. The matriculation fee of \$10, the military deposit of \$10, the general deposit of \$5 (if these deposits have not previously been paid), the service charge, and all charges from previous semesters must be paid on the day of registration.

*Refunds of Fees.*—In case a student at Urbana withdraws from a course or from the University during the first ten days of instruction, the total amount of his fees for the work dropped, except the matriculation fee, will be refunded. After ten days and before the middle of the semester, a rebate of one-half the fees, except the matriculation fee, will be made. After the middle of the semester, no rebate will be allowed. In the summer term, for students registered for eight weeks only, the total amount of fees paid, except the matriculation fee, will be refunded if withdrawal occurs within the first five days; one-half the amount after the first five days but within the first four weeks; and nothing after the beginning of the fifth week.

For the duration of the war these regulations are modified so that a student who withdraws from the University and enters active service with the armed forces within ten days after his withdrawal, will receive a refund of his fees as follows: (1) a full refund of fees if his withdrawal occurs at a time in a semester when, under existing regulations, he receives no credit for the work of that semester; (2) a refund of half of his fees if his withdrawal occurs at a time when he receives half credit for his work. No refund of fees will be made if his withdrawal occurs at a time when he receives full credit for his work.

#### Fees for Eight-Week Courses in the Summer of 1945

Students registering for only eight weeks in the summer term pay fees as listed on page 100 except that the tuition fee is \$25 for residents of Illinois, or \$50 for non-residents of Illinois; the laboratory, library, and supply fee is \$2.50; the Hospital and Medical Service fee is \$2.50; and the Illini Union service charge is \$2.50. A student taking not more than one three-hour course for eight weeks only is charged a fee of \$10, if a resident of Illinois, or \$20 if not a resident of Illinois, instead of the usual tuition fee. For courses in applied music for eight weeks only, fees are charged at rates approximately one-half of those for each semester as listed under the School of Music below.

#### Fees for Part-Time Students

Persons registering for reduced schedules pay, instead of the regular tuition fee, the course fees indicated below:

(1) For undergraduate and professional work in the colleges and schools at Urbana: \$3 per credit hour if a resident of Illinois, or \$6 per credit hour if not a resident of Illinois; provided registration is for not more than eight credit hours in one semester or a full summer term, or four hours in eight-week summer courses.

(2) For graduate work at Urbana: \$12 per unit if a resident of Illinois or \$24 per unit if not a resident of Illinois, provided registration is for not more than two units in one semester.

(3) For graduate field research work off the campus, by students registered exclusively for such work, other than that done in regular extramural courses: \$12 per unit if a resident of Illinois or \$24 per unit if not a resident of Illinois.

#### Special Fees in the School of Music

Students registering in courses in applied music (voice, piano, violin, violoncello, organ, or band instruments) pay special fees as follows: those who are enrolled in the curricula in music pay \$25 each semester; those who are enrolled in other curricula of the University pay \$25 each semester for each two hours of credit for which they are registering in applied music.

#### Exemption from Fees for Certain Members of the University Staff

Persons on University appointment at an annual salary of \$1,760<sup>1</sup> or less who are eligible for admission to University work, or on scholarship or fellowship appointment in the Graduate School, are exempt from the payment of the tuition fee and the laboratory, library, and supply fee in courses counting for graduate credit. (If such persons register in courses not counting for graduate credit, they pay fees as stated for part-time students in paragraph 1 above, and the laboratory, library, and supply fee.)

<sup>1</sup>By action of the Board of Trustees, this amount was changed from \$1,600 for the academic years 1943-1944 and 1944-1945.

### Fees for Extension Courses

The basic fee for correspondence courses is \$5 per semester hour of credit. Additional charges are made in courses in which special materials are furnished. For extramural courses a basic fee of \$5 per semester hour of undergraduate credit is charged; \$15 for one-half unit of graduate credit and \$25 for one unit of graduate credit. A fee of \$1 additional is charged for late registration in extramural courses.

### FEES IN THE CHICAGO DEPARTMENTS

The following regulations apply to students in the Chicago Colleges—Medicine, Dentistry, and Pharmacy—which operate on the quarter system.

*Matriculation Fee.*—Each student not holding a scholarship pays the matriculation fee of \$10 when first registering in the University as a candidate for a degree.

*Tuition, Laboratory, and Building Service Fees.*—The table on page 104 shows these fees for regular full-time students in each year of work in each college, with separate columns for those who are residents of Illinois and those who are not residents of Illinois. Since the work of each year consists of three terms called quarters, one-third of each year's fees is payable on registration for each quarter.

*Late Registration Fee.*—Former students who register after the regular registration days in any quarter pay a late registration fee of \$5.

*Special Examination Fee.*—For any special examination to remove a failure, the fee is \$5.

*Study-list Change Fee.*—A fee of \$1 is charged for every study-list change slip issued later than the Saturday noon following the regular registration days. This rule applies also to registration for electives after the dates specified for regular registration.

*Chicago Illini Union Building Service Charge.*—The Union Building service charge of \$3.50 for each quarter is required of all students in the Chicago departments.

*Graduation Fee.*—For each degree awarded, a graduation fee of \$10 is charged. The graduation fee paid by fourth-year students receiving the Certificate in Medicine covers also the M.D. diploma awarded after internship. Students receiving the B.M. degree pay two graduation fees of \$10 each, one for the B.M. and one for the M.D.

*Transcript Fee.*—Each student who has paid all his University fees is entitled to receive, without charge, one transcript of his record. For each additional transcript the fee is 50 cents.

*Fees for Part-time Students.*—All part-time students in the Colleges of Dentistry, Medicine, and Pharmacy pay the regular laboratory and building service fees as shown in the table for full-time students. Instead of the regular laboratory materials fees, a part-time student will be charged only for such materials as apply to the courses in which he is registered.

Residents of Illinois registered for partial programs of 200 clock hours or less in a quarter in the Colleges of Dentistry and Medicine pay tuition fees at the rate of \$2.50 for 25 clock hours or fraction thereof. Non-Illinois students registered for partial programs pay double this rate. Students taking more than 200 clock hours in a quarter pay the full tuition fees.

In the College of Pharmacy, students registered for twelve credit hours or less pay tuition fees at the rate of \$2 a credit hour if residents of Illinois, or \$4 a credit hour if non-residents. For thirteen credit hours or more, the full tuition fees are charged.

*Listener's Fee.*—For each 25 clock hours or fraction thereof in the Colleges of Dentistry and Medicine, or for each credit hour in the College of Pharmacy, persons not connected with the University who attend classes as listeners pay \$10 if residents of Illinois, or \$20 if non-residents.

*Fees for Unclassified Students.*—Fees charged unclassified students in the Chicago departments are based on the amount of work taken.

*Service Charge for Deferred Fees.*—In cases of necessity, students may arrange for deferment of fees by calling at the Business Office, Room 128, Medical and Dental College Laboratories Building. A service charge of ten per cent of the amount of fees deferred, but not to exceed \$2 a quarter, will be charged for the privilege of deferring



fees, and this charge must be paid on the day of registration. If deferred fees are paid in full within ten days after registration, the service charge will be refunded *except* that a minimum service charge of \$1 will be retained by the University in all cases. The matriculation fee of \$10 (if not previously paid), the service charge, not less than one-third of the current quarter's fees, and all fees and charges from previous terms must be paid on the day of registration. Failure to meet payments of fees within the time limits will cancel at once the privilege of attending classes. Registration is not completed until fees are paid in full, and no credit will be recorded for class work completed unless all fees and other charges have been paid in full.

*Refunds of Fees.*—If a student withdraws within ten days after the beginning of a quarter, his total fees (except the \$10 matriculation fee and the \$15 deposit) will be refunded. After ten days and before the expiration of one month, a refund of two-thirds of his total fees (except the matriculation fee) will be made. After one month and before the expiration of two months, a refund of one-third of these fees will be made. After the expiration of two months, no part of the fees will be refunded.

### Fees for Students in Occupational Therapy

During the four quarters of work taken in the College of Medicine, students in the occupational therapy curriculum are subject to the general regulations concerning fees as stated above. However, instead of the fees listed for medical students in the table on page 104, students in the occupational therapy curriculum pay fees each quarter as follows: tuition, \$27 (non-residents pay \$54); laboratory and building service fee, \$18 (non-residents pay \$22).

### Fees for Graduate Students in the Chicago Departments

Students in the Chicago departments of the Graduate School are subject to the regulations governing fees for matriculation, late registration, and change of study-list, the Chicago Illini Union Building service charge, the graduation fee, the transcript fee, the service charge for deferred fees, and refunds of fees, as stated on pages 103-105.

*Tuition Fee.*—The tuition fee in the Graduate School is \$12 per unit of credit for residents of Illinois, or \$24 per unit for non-Illinois residents.

*Laboratory Fee.*—In courses for which the University furnishes materials used by the students, a laboratory fee of \$5 per unit of credit is charged.

*Fee in Orthodontia.*—For the graduate course in orthodontia in preparation for the practice of orthodontia as a specialty, the yearly tuition fee is \$400, one-fourth payable at the beginning of each quarter. (Candidates for a master's degree who take an extra quarter in Orthodontia 101 will not be assessed an extra fee.)

*Exemptions.*—Persons on University appointment at an annual salary of \$1,760 or less who are eligible for admission to graduate work, or on scholarship or fellowship appointment in the Graduate School, are exempt from the payment of tuition and laboratory fees in courses counting for graduate credit. (If such persons register in courses not counting for graduate credit, they pay fees as stated for part-time students on page 103.)

### Fees in Special Courses for Dentists and Physicians

*Special Courses for Dentists.*—The College of Dentistry offers to legally qualified practitioners the following special short courses, each of which continues four weeks: ceramics; crowns and fixed partial dentures; full dentures and removable partial dentures; histology; operative dentistry; oral surgery; and therapeutics. The fee for each course is \$50.

*Special Courses for Physicians.*—The College of Medicine offers a number of special advanced courses which are open to graduates of approved medical schools. The fee for each course is \$75 a quarter, plus laboratory and clinic fees which are determined for each individual registration on the basis of the cost of materials used. Where registrations are accepted for one-half a course or less, the tuition fee is \$50.

*Short Refresher Courses for Physicians.*—The College of Medicine also offers from time to time, usually in the summer, refresher courses lasting one or two weeks, designed for practicing physicians. A fee of \$10 is assessed in each of these courses.

## STUDENT WELFARE

THE UNIVERSITY OF ILLINOIS, recognizing its responsibility for the entire life of the student while he is living in the academic community, makes every effort to provide the most favorable conditions. At registration time a special adviser assists each student to arrange his program of studies. The deans of the colleges, directors of the schools, heads of the departments, and other members of the faculty also devote a large part of their time to the advising of students relative to their classroom work and academic programs. The problems of student welfare outside the classroom are handled by three general University offices, those of the Registrar, the Student Personnel Bureau, and the Dean of Students. All phases of student life outside the classroom, and some in matters closely related to the classroom, are administered through these offices.

### Registrar

The Registrar's contacts with students begin prior to their arrival on the campus. Through correspondence and personal conferences, the Registrar provides general information about the University and specific information about admission. He is also in charge of student academic records, awarding and administering undergraduate scholarships, and is chairman of Freshman Week.

### Student Personnel Bureau

The Student Personnel Bureau offers guidance based on scientific aptitude tests in three main areas: educational counseling—help in selecting the proper courses of study, in improving reading speed and efficiency, and in establishing effective study methods; vocational counseling—determining the profession or job for which the student is best fitted, including the courses of study and the training required for different vocations; personal counseling—developing an effective personality, overcoming worries, nervousness, and other personal problems. These counseling services are available without charge to any student, civilian or service man, now in the University, or to any high school graduate planning to enter the University, or to any Illinois veteran.

The required Freshman Guidance Examinations and aptitude and achievement tests, which may be taken either before entrance into the University or during the week of registration, usually provide the starting point for such counseling. Additional psychological tests of special aptitudes, interests, and personality may be suggested by specially trained personnel counselors who interpret the results of all such tests to the student in one or more private interviews. Students who wish to avail themselves of these counseling services before entering the University, as an aid in determining the course of study for which they are best fitted, should write for an appointment to the Student Personnel Bureau, 311 Administration Building, Urbana.

### Dean of Students

The Dean of Students is the unifying and coordinating officer in charge of all agencies interested in the student's physical well-being, both in living quarters and personally, in social and recreational activities, and in the cultural level of all phases of student life outside the classroom. Offices and functions which are in the Dean of Students' organization include: Dean of Men, Freshman Week, Student Employment, Dean of Women, University Health Service, McKinley



Hospital, Hospitalization and Medical Service for Students, Division of Student Housing, General Placement Bureau, all boards of control administering extracurricular activities (except the Athletic Association, Alumni Association, and University of Illinois Foundation), Senate Committee on Student Affairs, Committee on Guidance Conferences for High School Students, and the social, educational, and cultural programs in the Illini Union and in the residence halls.

### Deans of Men and Women

The offices of the Dean of Men and the Dean of Women are organized for counseling undergraduate students at Urbana-Champaign, in ways so varied that a complete enumeration could hardly be made of all the different kinds of problems they help to solve. Some of the questions most frequently asked by students concern personal adjustments to campus life, choice of curricula, procedure in registration, arranging programs of study, locating suitable living quarters, finding part-time employment, budgeting expenses, obtaining loans, qualifying for scholarships, participation in extracurricular activities, fraternity and sorority pledging procedures, and interpretation of rules and regulations adopted by the University for the guidance of undergraduates.

The deans and their assistants not only give advice and guidance on such questions but also direct students to other administrative offices of the University which are organized to deal specifically with various matters of student welfare. Inquiries of all kinds from parents and guardians who visit the campus or write for information are always welcomed and promptly answered. Correspondence may be addressed to the Dean of Men, 152 Administration Building, or the Dean of Women, 100 Woman's Building. These offices serve also as centers for information concerning various wartime services open to students.

### Student Health

The University maintains a Health Service for students to promote their physical and mental health, to control communicable disease among them, and to teach them the essentials of healthful living. Members of its staff give instruction in hygiene, conduct physical examinations, supervise food handlers, make sanitary inspections, hold personal conferences with students, and assist them in every way possible in making prompt adjustment. They strive to reveal to the students the benefits to be derived from sanitation, preventive medicine, and hospitalization. As the functions of the Health Service are primarily educational and preventive, its staff does not assume responsibility for the care of students beyond giving medical advice, administering emergency treatment, and referring students to competent specialists and practitioners of medicine. The Health Service Station is located at the corner of Green and Wright Streets.

*McKinley Hospital.*—The McKinley Memorial Hospital, the gift of the late Senator William B. McKinley, a distinguished alumnus of the University, is a modern well-equipped hospital with a normal capacity of one hundred and twelve beds. The hospital is particularly designed for student and faculty use, and provides for the care of communicable disease, general illness, emergency surgery, and treatment. It is unusually well-equipped with X-ray equipment and other modern devices for the diagnosis and treatment of disease. It is situated in the University forestry on Lincoln Avenue.

*Hospitalization and Medical Service.*—A hospitalization and medical service fee is charged each student to provide ward care and a substantial payment

toward the charges of the attending physician in the event of student illness. In cases of minor illnesses, the payment is sufficient to give the student complete protection. There is also an allowance for laboratory fees, special medicines, and X-ray examinations. This fee is a development of the former Mutual Benefit Hospital Association, which was founded in 1899 and was the oldest organization of its type in existence. The whole plan is arranged to give the greatest benefits to the student who is ill away from home.

### **Speech Clinic**

The Speech Clinic, located in 44 Gregory Hall, on the Urbana campus, is maintained by the University to help students in correcting speech defects. The clinic is equipped with modern testing instruments, and its staff is scientifically trained in diagnosis and treatment. Students who apply for aid are examined to determine the type and extent of their speech difficulties. A program of corrective exercises is then prescribed, with supervised practice periods one or two hours a week. For those who are hard of hearing or deafened, lip reading classes are held. No charge is made for these services.

### **Student Employment**

An employment service is maintained by the office of the Dean of Men to advise and aid worthy students who desire part-time employment while in the University. This service affords a central clearing point for the employment of all students at Urbana-Champaign, except that women desiring room-and-board jobs are referred to the Dean of Women.

Students are advised not to attempt entire self-support. A student who plans to be partly self-supporting should have a thorough understanding of the financial obligations of a college course, and should have a reserve fund of at least \$250 on entering the University. Assignments of work are made on the basis of the actual needs of the students, of their ability to meet the requirements of employers, and of their academic records. The employment service can not guarantee that work will be found for all needy applicants, although every effort is made to find opportunities for all. No charge is made for this service.

An applicant for work should appear in person at the employment office, 104 Administration Building, on or before the regular days for registration. As jobs are not assigned in order of date of application, there is no need for prospective students to make special trips to the campus far in advance.

### **Placement Service**

The University offers three types of service for students seeking positions after graduation and for former students. A General Placement Bureau, with a central office on the Urbana campus and a branch office in Chicago, has been established. The central office is located at 104 Administration Building (East), Urbana, and the branch office in the Illini Center, LaSalle Hotel, Chicago. Students seeking positions as teachers register with the Secretary of the Committee on the Appointment of Teachers, 200 Gregory Hall, Urbana. Students in each year's graduating class and non-graduates who are in search of full-time employment may have advice individually from the deans of the colleges, directors of the schools, heads of departments, and other members of the faculty and administrative staff. In the event that placement directors visiting the campus are seeking students regardless of special preparation and from several different

colleges or departments, the Director of the General Placement Bureau serves as the coordinating officer to handle such situations.

### **Student Housing**

Living conditions of students in Urbana-Champaign are supervised by the University's Director of Student Housing, who is responsible for standards of health, safety, comfort, study conditions, social facilities, and reasonableness of charge. All residence halls, fraternity and sorority houses, cooperative houses, and privately operated student homes are subject to periodic inspection and official approval. Unmarried undergraduate students not residing with their parents, guardians, or relatives are required to live in places approved by the University. Personal assistance is given to individual students in their housing problems.

The organized houses include 56 fraternities (a number of which have been used recently for the housing of women students) and 21 sororities, in which membership is by invitation, numerous privately operated houses in the Men's Independent Ward Association and the Women's Group System. In most of these organized houses the accommodations include meals. Some are cooperatives, in which the students share the work and expense. Many other houses, with rooms for smaller numbers of students, are approved, some for men and some for women. Every housing unit is under the direction of a responsible individual, approved by the Director of Student Housing and by the Dean of Men or the Dean of Women.

Requests for information concerning accommodations may be addressed to the Division of Student Housing, 102 Illini Hall, Champaign, Illinois. This office provides current lists of approved student homes, rental contract forms, and other information concerning room and board.

### **Residence Halls**

All residence halls owned by the University have been leased to the Army and Navy, and have not been open to civilian students. The Women's Residence Halls are the Mary E. Busey Hall and the Laura B. Evans Hall, on Nevada Street in Urbana. These halls ordinarily accommodate 300 women. The Men's Residence Hall, on Fourth Street in Champaign, consists of five units named as follows: Thomas Arkle Clark House, Willard C. Flagg House, William Lincoln Noble House, Herbert Jewett Barton House, and Carl Leonard Lundgren House. These units ordinarily accommodate 370 men. Illini Hall, on Wright Street, has rooms for 87 men. Their availability for civilian students is still uncertain at this writing. Inquiries concerning accommodations that will be available after the war, in either the men's or the women's residence halls, may be addressed to the Director of Residence Halls, 108 Illini Hall, Champaign, Illinois.

### **Student Religious Life**

In accord with the general principle of religious freedom in American education, the University of Illinois is a non-sectarian institution, prohibited from teaching religious beliefs. In admitting students it makes no restrictions of creed, just as it makes none of race or class, and in no way does it discourage any particular faith or hinder the work of any organization serving the spiritual life of students. Besides the Y.M.C.A. and the Y.W.C.A., which have buildings facing the campus, there are numerous religious foundations maintained by churches nearby, for stu-

dents of the various denominations. Services of the many other churches in Urbana and Champaign are open to students. The religious foundations carry on extensive programs of social and educational activities, including some courses of study for which the University accepts credit toward graduation.

### Student Conduct

The University reserves the right to expel at any time students whose conduct is deemed undesirable or prejudicial to the University community's best interest; examples of which, without excluding others, are gambling, violations of law involving moral turpitude, intoxication, and disorderly conduct. Matters of student discipline are handled by a special committee of the University Senate.

### Student Operation of Motor Vehicles

Operation or storage of motor vehicles by undergraduate students enrolled at Urbana is restricted by the University. Special permits to operate motor vehicles are granted to individual students for reasons of physical disability, distance of residence from the campus, and necessary employment. Requests for such permits may be addressed to the Clerk of the Car Restriction Committee, 102 Illini Hall, Champaign, Illinois.

### Illini Union

The Illini Union is the social, cultural, and recreational center for all students in Urbana-Champaign. It is operated, not for profit, but for the benefit of students, faculty, alumni, and friends of the University. Among its many facilities are various food service units, consisting of a cafeteria, soda fountain, large dining room, and several smaller dining rooms. The cafeteria serves special menus at set prices and thus enables students to budget their board. The several lounges are meeting places for students and faculty between classes and in other free times. The browsing room, a branch of the University Library, contains the latest fiction, biography, and other books for general reading. In the General Lounge there are daily programs of recorded music arranged by a student-faculty committee. The recreational facilities include bowling alleys, ping-pong tables, pool and billiard tables, and rooms for other games. Weekly dances are held in the ballroom. All students pay a nominal fee each semester which entitles them to full use of the building.

The Chicago Illini Union Building, at 715 South Wood Street, serves similar purposes for students, alumni, and faculty members of the Colleges of Dentistry, Medicine, and Pharmacy. Its facilities include a cafeteria, grill, and soda fountain, a game room and gymnasium, a browsing room, and a music room. The building is operated by the University and financed in part through student fees.

## STUDENT ORGANIZATIONS

EXTRACURRICULAR organizations, activities, and enterprises of undergraduate students in the University operate under the broad guidance of the Dean of Students and the Senate Committee on Student Affairs. This committee's functions are exercised both directly by it and indirectly through various student-faculty boards of control. The boards now administering particular fields of extracurricular student activity at Urbana are as follows:

*Athletic Council*, which has within its jurisdiction the election of student sports-managers and cheerleaders, the awarding of varsity letters and freshman numerals, and other matters concerned with athletics at the University.

*Gymkana Advisory Board*, which supervises activities of the Gymkana troupe.

*Illini Board of Control*, appointed to conduct the business of the Illini Publishing Company, elect editors, business managers, and other officers and staff members of student publications, and otherwise supervise publication activities.

*Illini Theatre Guild*, organized to control and coordinate all dramatic performances by member societies.

*Illini Union Board*, appointed to supervise general activities, to promote school loyalty, and to advance student welfare.

*Men's Independent Ward Association Advisory Board*, which supervises the M.I.W.A. program.

*Student Organizations Fund Executive Board*, which is responsible for operation of the Student Organizations Fund.

*University Concert and Entertainment Board*, organized to supervise and conduct all concerts and public entertainments (except social functions) given in University buildings by professional artists.

*Woman's Athletic Advisory Board*, which controls the affairs of the Woman's Athletic Association.

All student organizations and extracurricular activity participants not working directly under one of the above boards, excepting religious societies, are under the guidance of the Senate Committee on Student Affairs. They are expected to observe the rules and precedents which the committee, in conjunction with its cooperating committee from the Student Senate, establishes for their counsel. Students are urged to call upon the executive secretary of the committee for advice and assistance in matters touching the policies and conduct of their various extracurricular activities. The committee's office is in 152 Administration Building, Office of the Dean of Men.

Practically every type of American college student organization is found among the fraternities, sororities, clubs, societies, and associations represented on the University campus. During the war period, however, certain of these student organizations and activities are inactive and have ceased operation temporarily. Their recognition is maintained but their functions are discontinued.

Many independent men and women are organized into groups recognized by the University. Groups of five or more men with an approved housemother may organize in the Men's Independent Ward Association. Women students who are not members of sororities are organized under the Women's Group System.

### Associations

The *Alumni Association* is the general organization of the alumni of the University. It maintains an office at the University and publishes a monthly periodical, the *Illinois Alumni News*. In this office is compiled the alumni directory, the last edition being published in 1929. An edition for the Colleges of Medicine, Dentistry, and Pharmacy, at Chicago, was published in 1921. Local alumni associations have been organized in many states.

The *Student Organizations Fund* affords centralization of accounts and funds of student organizations and activities. The Comptroller is treasurer of the fund, which is controlled by a student executive board, and the Dean of Men is secretary.

The *Student Senate*, composed of twenty-one undergraduates, represents the entire student body in matters affecting student interest, promotes general student welfare, and exercises powers of student government conferred upon it by the Senate Committee on Student Affairs.

The *Interfraternity Council* and *Pan-Hellenic Council* are general representative bodies of Greek-letter social organizations for men and women, respectively.

The *Military Council* furthers the interests of the Reserve Officers' Training Corps at the University.

The *Young Men's Christian Association* occupies a building near the campus. Every man in the University is eligible for membership, and the rooms are open

to all. Religious meetings are held on Sunday evenings. Discussion groups and friendly relations with foreign students are promoted.

The *Young Women's Christian Association* is located in the Hannah McKinley Building, which houses sixty women.

### Honorary Societies

The honorary societies or fraternities named below are private intercollegiate organizations of students and graduates, having for their primary purpose the recognition and encouragement of excellence in scholarship in various departments of study. Election is in all cases made by the societies themselves in accordance with their own rules. The University assumes no responsibility for elections.

Societies honoring high scholarship in the colleges are: Phi Beta Kappa, College of Liberal Arts and Sciences; Beta Gamma Sigma, College of Commerce and Business Administration; Tau Beta Pi, College of Engineering; Alpha Sigma Mu, Alpha Zeta, Gamma Sigma Delta, College of Agriculture; Gargoyle (students in Architecture), Pi Kappa Lambda (students in Music), College of Fine and Applied Arts; Phi Delta Kappa (men) and Kappa Delta Pi (men and women), College of Education; Order of the Coif, College of Law; Kappa Tau Alpha, School of Journalism; Sigma Xi, general research; Omicron Nu, Phi Upsilon Omicron (students in Home Economics).

Societies honoring high scholarship in the freshman class regardless of college are Phi Eta Sigma (men) and Alpha Lambda Delta (women).

Phi Kappa Phi is a national honorary society electing members from all departments of the University.

### College and Departmental Organizations

In each college there are societies and clubs devoted to work of a literary, scientific, technical, or extracurricular nature, auxiliary to the work of various departments. Among these are the following:

*College of Liberal Arts and Sciences.*—Bacteriology Club, Burrill Botany Club, Cyclothem Club, English Journal Club, French Club, German Club (Deutsche Verein), Hexapoecia, Philosophy Club, Spanish Club, Wildlife Club, Zoology Club, Alpha Kappa Delta, Delta Phi Alpha, Eta Sigma Phi, Omega Beta Pi, Iota Sigma Pi, Phi Lambda Upsilon, Pi Delta Phi, Pi Mu Epsilon, Psi Chi Omega, Sigma Delta Pi.

*College of Commerce and Business Administration.*—Accountancy Club, Artus, Band of X, Banking Club, Commerce Council, Economics Club, Marketing Club, Alpha Kappa Psi, Beta Alpha Psi, Gamma Alpha Chi, Phi Chi Theta.

*College of Engineering.*—Student Branch of the American Ceramic Society, Student Branch of the American Institute of Chemical Engineers, Student Branch of the American Society of Civil Engineers, Student Branch of the American Institute of Electrical Engineers, Engineering Council, Keramos, Mineral Industries Society affiliated with the American Institute of Mining and Metallurgical Engineers, Society of General Engineers, Student Branch of the American Society of Mechanical Engineers, Mu-San, Physics Club, Railway Club, Synton, Chi Epsilon, Eta Kappa Nu, Omega Chi Epsilon, Pi Tau Sigma, Sigma Tau, Sigma Epsilon, Tau Nu Tau.

*College of Agriculture.*—Agricultural Club, Agricultural Council, Agricultural Economics Club, Agricultural Education Club, American Society of Agricultural Engineers, Dairy Club, Dairy Technology Society, Field and Furrow Club, Floricultural Club, Four-H Club, Home Economics Club, Hoof and Horn Club, Horticultural Club, Poultry Science Club, Rural Life Club, Alpha Tau Alpha.

*College of Fine and Applied Arts.*—Fine and Applied Arts Council, Illustrators, Scarab, University Landscape Architecture Society, University Chorus, University Orchestra, University Men's Glee Club, University Women's Glee Club, Arepo, Phi Mu Alpha-Sinfonia, Sigma Alpha Iota.

*School of Journalism.*—Journalism Council, Gamma Theta Phi, Phi Alpha Chi, Sigma Delta Chi, Theta Sigma Phi.

*College of Education.*—Industrial Education Society, Kappa Phi Kappa.

*College of Law.*—Junior Bar, Kappa Beta Pi, Nu Beta Epsilon, Phi Alpha Delta.

*Library School.*—Library Club.

*School of Physical Education.*—P.E. Major's Club, Alpha Sigma Nu, Delta Theta Epsilon, Sigma Delta Psi.

### Miscellaneous Societies and Clubs

Some organizations claim membership from students of nearly all colleges and schools. Among them are the following:

Alpha Phi Omega, Alpha Pi Delta, Alpha Tau Sigma, American Chemical Society, American Fencers League, Caisson Club, Cavalry Officers' Club, Christian Science Student Organization, Coast Artillery Club, Delta Delta Sigma, Dolphins, Engineering Physics Club, Epsilon Epsilon Epsilon, Esperanto Club, Freshman Council, Gamma Delta, Gymnastica, Illini Chamber of Commerce, Illini Outing Club, Illini Philatelic Society, Illini Theatre Guild, Inter-varsity Christian Fellowship League, Lutheran Student Association, Mask and Bauble, Ma-Wan-Da, Military Council, Mortar Board, National Collegiate Players, Newman Club, Orchestis, Pershing Rifles, Phalanx, Phi Kappa Epsilon, Pi Alpha Xi, Pierrots, Pi Tau Pi Sigma, Plateau and Drum, Players Club, Pre-Legal Students Association, Rifle Club, Sachem, Scabbard and Blade, Scimitar, Shi-Ai, Skull and Crescent, Socialist Study Club, Star and Scroll, Star Course, Student Religious Council, Terrapin Club, Tomahawk, Torch, Tribe of Illini, University Dames' Club, Woman's Athletic Association, and Zeta Phi Eta.

### Social Fraternities and Sororities

Social and social-professional fraternities maintaining chapters at the University: Acacia, Alpha Chi Rho, Alpha Chi Sigma, Alpha Delta Phi, Alpha Epsilon Pi, Alpha Gamma Rho, Alpha Kappa Lambda, Alpha Rho Chi, Alpha Sigma Phi, Alpha Tau Omega, Beta Theta Pi, Chi Phi, Chi Psi, Cosmopolitan Club, Delta Chi, Delta Kappa Epsilon, Delta Phi, Delta Sigma Phi, Delta Tau Delta, Delta Upsilon, Farm House, Gamma Alpha, Kappa Alpha Psi, Kappa Delta Rho, Kappa Sigma, Lambda Chi Alpha, Phi Delta Theta, Phi Epsilon Pi, Phi Gamma Delta, Phi Kappa, Phi Kappa Psi, Phi Kappa Sigma, Phi Kappa Tau, Phi Sigma Kappa, Pi Kappa Alpha, Pi Kappa Phi, Pi Lambda Phi, Psi Upsilon, Sigma Alpha Epsilon, Sigma Alpha Mu, Sigma Chi, Sigma Nu, Sigma Phi Delta, Sigma Phi Epsilon, Sigma Phi Sigma, Sigma Pi, Tau Delta Phi, Tau Epsilon Phi, Tau Kappa Epsilon, Theta Chi, Theta Delta Chi, Theta Kappa Phi, Theta Xi, Triangle, Zeta Beta Tau, and Zeta Psi.

Sororities maintaining chapters at the University: Alpha Chi Omega, Alpha Delta Pi, Alpha Epsilon Phi, Alpha Gamma Delta, Alpha Kappa Alpha, Alpha Omicron Pi, Alpha Phi, Alpha Xi Delta, Chi Omega, Delta Delta Delta, Delta Gamma, Delta Sigma Theta, Delta Zeta, Gamma Phi Beta, Kappa Alpha Theta, Kappa Delta, Kappa Kappa Gamma, Phi Omega Pi, Phi Sigma Sigma, Pi Beta Phi, Sigma Delta Tau, Theta Phi Alpha, and Zeta Tau Alpha.

### Debating

Men's and women's teams representing the University of Illinois engage annually in intercollegiate debates and discussions in the Western Conference Debate League, which consists of the Universities of Chicago, Illinois, Indiana, Iowa, Michigan, Minnesota, Northwestern, Ohio State, Purdue, and Wisconsin. The teams are chosen in preliminary inter-squad competitions. Open-forum non-decision debates are held annually also with various other colleges and universities.

## SCHOLARSHIPS FOR UNDERGRADUATES

### URBANA DEPARTMENTS

UNLESS otherwise stated, an undergraduate scholarship covers matriculation and tuition fees in any department of the University. For more detailed information, apply to the Registrar at Urbana.

*County Scholarships.*—One scholarship for each county in Illinois, created by statute, and sixteen additional scholarships for Cook County, established by the Board of Trustees. Awarded by competitive examinations given on the first Saturday in June under the supervision of the County Superintendent of Schools. Candidates write on English (rhetoric) and on two of the following fields: mathematics, natural science, and social studies. A candidate who has had college work is not eligible.

*General Assembly Scholarships.*—One nomination annually by each member of the General Assembly.

*Scholarships in Agriculture and Home Economics.*—Two scholarships for each county—one for students in agriculture and one for students in home economics—awarded on recommendation of the Illinois Farmers' Institute to candidates ranking in the upper fifty per cent of their high school graduating class, or if one year or more of college work has been completed, averaging fifteen points above the passing grade in such work, who pass the competitive County Scholarship examination (see above). Applications must be filed with the Illinois Farmers' Institute, 122 New Agriculture Building, Urbana, not later than May 31 of each year. Students who have attended the University of Illinois are not eligible.

*University Scholarships.*—The Board of Trustees has established for each year ten scholarships, open to residents of Illinois and known as University Scholarships. These scholarships exempt holders from matriculation and tuition fees as required in those colleges of the University which admit students directly from high schools. A University scholarship may be lapsed or forfeited if the holder fails to maintain a satisfactory record, is dismissed by the University authorities, or ceases to be a resident of Illinois. Awards are made on the basis of the scholastic promise and financial need of the applicant.

*State Military Scholarships.*—Acts of the General Assembly passed in 1919 and 1943 provide scholarships for veterans of World War I and World War II who, at the time of enlistment, were residents of Illinois or students in the University of Illinois. These scholarships exempt the holders from the matriculation and tuition fees in any department of the University. In 1943, the General Assembly also established one scholarship in each county for descendants of veterans of World War I and one scholarship for descendants of veterans of World War II. These scholarships are awarded by competitive examination held on the first Saturday in June.

*John M. Gregory and Louisa C. Gregory Scholarships.*—Scholarships of \$100 each are available under the will of Mrs. Louisa C. Gregory, which provides that the applicants be "self-sustaining students free from the vices of smoking and chewing tobacco and from the use of intoxicating liquors." Awarded to students who have been in residence at the University for at least one semester, on the basis of a competitive examination held in December, in years when funds are adequate for at least two scholarships.

*E. A. Wallace Memorial Scholarship.*—Established by Mrs. Gertrude E. Haweis "for the benefit of students in the University from Havana, Illinois, selected by the Board of Education of that city."

*La Verne Noyes Scholarships.*—Made available under the will of La Verne Noyes. Cover part of student fees for one year. Open to students who served in the army or navy of the United States of America in World War I, or to descendants of active participants in that war.

*John C. Ruettinger Memorial Scholarship Fund.*—Established by Mr. John W. Ruettinger, of Chicago, an alumnus of the University of the class of 1927, in memory of his father. Provides annually tuition and other educational expenses for one or more worthy and needy undergraduate students. Applications should be made to the Registrar as chairman of the committee which selects the candidates.

*Phyllis Pierce Ruettinger Scholarship.*—Established in memory of Phyllis Pierce Ruettinger by her mother. Awarded annually to junior or senior women registered at the University of Illinois, on the basis of character, scholarship, general ability, and financial need.

*Illinois Congress of Parents and Teachers Scholarships.*—Two scholarships each year, of a value of \$200 each, made available by the Illinois Congress of Parents and Teachers. Applicants must be graduates of Illinois high schools maintaining local units of the Illinois Congress of Parents and Teachers. Applications may be made to the Registrar as chairman of the committee which selects the candidates.

*Morava Scholarships.*—Made available under the will of Wensel Morava. Awarded annually in varying amounts. Applications should be made to the Registrar as chairman of the committee which selects the candidates.

*Student Senate and Class Scholarships.*—The Student Senate and various undergraduate classes have made available funds from which the University Committee on Special Undergraduate Scholarships may award annual scholarships of varying amounts to needy students with good records.



*Scholarships for Foreign Students.*—The Board of Trustees has established ten scholarships each year, covering matriculation and tuition fees, for students from countries friendly to the United States. Applicants for these scholarships who are from the countries of South and Central America are selected through recommendation of the Institute of International Education. Other applicants should apply to the Registrar of the University, who serves as chairman of the committee which selects the candidates.

*Dunlap Harrington Memorial Fund.*—Established in memory of Dunlap Harrington by his brother. Provides an award of \$50 to a male senior in his final semester, who is financially unable to take part in the special events of that semester.

*Latin Contest Scholarship.*—Exemption from matriculation and tuition fees for one year, to the winner of the annual Latin contest sponsored by the Illinois Classical Conference.

*William J. Cook Fund Scholarships.*—A number of scholarships are available to young men who are graduates of Cook County high schools, under a bequest made by Mr. William J. Cook in 1940. Applications should be filed with the Chicago Community Trust, 10 South LaSalle Street, Chicago. High school seniors should apply not later than April 15; college students not later than May 15.

*Lydia E. Parker Bates Scholarships in Fine Arts.*—Available in varying amounts to undergraduate and graduate students in art, architecture, architectural engineering, and landscape architecture. Awarded on recommendation of a committee of the faculty of the College of Fine and Applied Arts.

*Illinois Federation of Women's Clubs Scholarships.*—Through the gift of the Illinois Federation of Women's Clubs, funds are available for a limited number of scholarships for properly qualified and deserving students in occupational therapy. Applications should be made to the Registrar as chairman of the Committee on Special Undergraduate Scholarships.

*Kellogg Foundation Scholarships.*—Through the gift of the W. K. Kellogg Foundation, funds are available for a limited number of scholarships for properly qualified and deserving students in occupational therapy. Recommendations of the Dean of the College of Medicine will be considered in selecting candidates for the awards.

*Manierre Barlow Ware Scholarships.*—The income from a gift to the University made in memory of Manierre Barlow Ware by his mother. Awarded annually to male students preferably in the College of Agriculture who are not otherwise able to provide funds for their education. The scholarships may be awarded to male students who are enrolled in or who seek to enroll in other undergraduate divisions of the University, if in the judgment of the University this is desirable.

*Sears Roebuck Scholarships.*—A fund to aid freshman and sophomore students in the College of Agriculture made available through a gift from Sears, Roebuck, and Company. It is administered through the office of the Dean of the College of Agriculture and is restricted to those young men whose high school and other records show promise of superior attainment and who are unable to attend college without financial assistance.

*Borden Agricultural Scholarship.*—The Borden Company has established a fund from which one \$300 scholarship is awarded annually to a student in the College of Agriculture who at the beginning of his senior year has achieved the highest scholarship average and who has completed two or more courses in dairy husbandry. Awards are made by the Committee on Special Undergraduate Scholarships on nomination of the Department of Dairy Husbandry.

*Borden Home Economics Scholarship.*—The Borden Company has established a fund from which one \$300 scholarship is awarded annually to a student majoring in Home Economics who upon entering her senior year has achieved the highest scholarship average and who has completed two or more courses in food and nutrition. Awards are made by the Committee on Special Undergraduate Scholarships on nomination of the Department of Home Economics.

*United Spanish War Veterans Auxiliary Scholarship in Home Economics.*—\$50 annually awarded to a student in home economics at the end of the freshman year. Awarded on recommendation of the Department of Home Economics on the basis of scholarship, qualities of leadership, and financial need.

*Lois Shepherd Green Scholarship Fund.*—Established by Frederick Green, Professor of Law, *Emeritus*, in memory of his wife. The income is to be used for scholarships to undergraduate students on recommendation of the faculty of the Department of Philosophy.

*Ceramic Scholarships.*—Ten two-year scholarships, covering the matriculation fee and \$40 a semester for tuition, are available each year. These scholarships are financed by the industry through the Ceramic Scholarship Trust Fund. Awards are made by the committee in charge of special undergraduate scholarships. Recommendations of the Department of Ceramic Engineering are considered in selecting the candidates.

*Frederick D. Secor Memorial Scholarships.*—Established by a bequest in the will of the late Bessie Secor, in memory of her father, to provide scholarships for students in electrical engineering.

*Illinois Mining Institute and Peabody Coal Company Scholarships.*—Two scholarships each year, of \$100, to freshman men, preferably from a mining community in the state, who have had coal mining experience, or whose fathers are employed in the industry. Two similar scholarships established by the Peabody Coal Company, preferably for employees, former employees, or the sons of employees of that company. The scholarships are awarded by the University Committee on Special Undergraduate Scholarships on recommendation of the Illinois Mining Institute, and are renewable annually for a total period of four years.

*Journalism Alumni Memorial Scholarship.*—\$50 annually awarded to a junior in the School of Journalism, payable at the beginning of his senior year. Awarded on recommendation of the faculty of the School of Journalism on the basis of scholarship, character, aptitude in journalism, and other related qualities.

*Sinai Temple of Champaign-Urbana Scholarship.*—A scholarship of \$50, established in 1943 by the Sinai Temple of Champaign-Urbana. Awarded annually, on recommendation of a faculty committee of the School of Music, to an upperclass student in Music, on the basis of scholastic excellence, natural ability, financial need.

## CHICAGO DEPARTMENTS

The following special scholarship funds are available for students in the Chicago Colleges, in addition to the undergraduate scholarships provided by the General Assembly of the State of Illinois.

*American Foundation for Pharmaceutical Education.*—Through funds secured from the Foundation, the College of Pharmacy awards two scholarships of \$200 each on a competitive basis to high school seniors or to recent graduates who are residents of the State of Illinois. Only students ranking in the upper half of their graduating classes are eligible.

*Kellogg Foundation Scholarships.*—In 1942 and 1943 the University of Illinois received grants totaling \$30,000 from the W. K. Kellogg Foundation to establish scholarships for worthy students in the College of Dentistry and the College of Medicine. Other scholarships in occupational therapy are described on page 115.

*Rea Scholarships.*—The annual income from a fund established in 1899 by the will of Dr. Robert Laughlin Rea is used for four scholarships, awarded by a committee of the faculty, to help pay the tuition fees of needy students in the College of Medicine. First-year students are not eligible.

*Shnitzer Memorial Scholarship.*—In memory of Theodore B. Shnitzer, a student who died in his first year in the College of Medicine, a scholarship of \$100 has been available annually since 1936. It is awarded by a committee of the faculty to a needy Jewish student who ranks in the upper half of his class and who has completed at least one year in the College of Medicine.

*State Military Scholarships.*—Acts of the General Assembly passed in 1919 and 1943 provide scholarships for veterans of World War I and World War II who were residents of Illinois or students of the University of Illinois at the time of enlistment. These scholarships exempt the holders from the payment of matriculation and tuition fees. The scholarships do not cover special fees for laboratory materials or laboratory and building usage.

*Williamson Memorial Scholarship.*—Members of the faculty and friends of the late Professor Charles Spencer Williamson, for many years Head of the Department of Medicine, have established an endowment fund, the income from which is used as a scholarship for a capable and needy student, either graduate or undergraduate.

## STUDENT LOAN FUNDS

## URBANA DEPARTMENTS

THE FOLLOWING loan funds have been established for the benefit of worthy students of the University who are in need of financial aid in order to finish their courses. Loans are not ordinarily made to students during their first year at the University. Each application must be approved by the Dean, Director, or Assistant Dean of the College or School in which the student is registered, by the Dean of Men or the Dean of Women, and by the Comptroller; in case of disagreement among these officers the application will be submitted to the Chairman of the Finance Committee of the Board of Trustees. Security in the form of an endorser or collateral satisfactory to the Comptroller must be given in all cases unless otherwise provided in the deed of gift of any fund. Application blanks may be obtained from the offices of the Bursar, the Dean of Men, and the Dean of Women.

*Dora E. Biddle Loan Fund for Girls.*—This fund was derived in 1919-1920 from two gifts by Mrs. Dora E. Biddle, of Macon, Illinois. Loans from this fund are made to women students of promise and good scholastic standing, who are in residence at the University and who have declared their intentions to graduate. Preference is given to those most advanced in their University work.

*Carter-Pennell Loan Fund.*—Donated by the late Joseph Carter and his wife, Jane Pennell Carter, this fund was accepted by the Board of Trustees in 1923. Loans may be made to any matriculated student of sophomore standing in the Colleges of Engineering and Agriculture, or to any student in the College of Liberal Arts and Sciences who is specializing in science or home economics, whose future seems promising and whose habits and character are above reproach.

*Champaign Business and Professional Women's Club Loan Fund.*—Presented to the University on October 8, 1940. Loans from this fund are made to deserving women students.

*Chicago Illinae Club Fund.*—Established by the Chicago Illinae Club especially for women students of the University.

*Class of 1907 Loan Fund.*—Presented to the University on June 11, 1932, this fund is used for the making of loans to students under general rules as may be prescribed from time to time by the Board of Trustees governing loan funds, with no restrictions except that the identity of the fund be preserved and that preference be shown to lineal descendants of members of the class.

*Consolidated Loan Fund.*—This fund results from the merger of the Automobile Show Fund, the Class of 1895 Loan Fund, the Graduate Club Loan Fund, and the Student Friendship Fund.

*Grace Darling Memorial Fund.*—Founded by Mrs. R. V. Cram, of Minneapolis, in 1922. Operated under the regulations of the Edward Snyder Fund described below.

*Denison Memorial Fund for Worthy Seniors.*—The late Charles A. Denison, of Argenta, bequeathed this fund to be used for loans to worthy senior students on recommendation of the President and Treasurer of the University.

*Detroit Illinae Club Loan Fund.*—Established May 11, 1932, as a gift from the Detroit Illinae Club.

*Harry J. Diffenbaugh Trust Fund.*—The late Harry J. Diffenbaugh, of the Class of 1882, established a trust fund, the income of which is used for loans to worthy and needy students who are residents of the State of Missouri attending the University of Illinois. Applications for loans may be made to the Dean of Men of the University of Illinois or to the First National Bank of Kansas City, Missouri, the administrators of the trust fund.

*Electrical Engineering Loan Fund.*—Established by the Electrical Engineering Society and maintained by the Student Branch of the American Institute of Electrical Engineers, this fund includes income from the biennial electrical shows and is available for juniors and seniors in good standing in the curricula in Electrical Engineering and Engineering Physics.

*Engineering Student Loan Fund.*—The residual assets of the Real Co-operative Company (formerly the Engineering Co-operative Society) were accepted by the University in 1936 for the purpose of establishing a loan fund for the benefit of students in the College of Engineering.

*James Wilford Garner Memorial Fund.*—Presented to the University June 24, 1941, this fund is to be used for loans to worthy students in political science.

*Samuel and Lydia Hare Student Loan Fund.*—The late Samuel Hare, of Piper City, bequeathed this fund (accepted by the Board of Trustees October 15, 1937) for loans to students who have by previous study demonstrated their worthiness.

*Mary Trowbridge Honey Loan Fund.*—A bequest of the late Mary Trowbridge Honey, of Wayne, Nebraska, accepted by the Board of Trustees May 16, 1942, for loans to students in the Department of the Classics.

*Margaret Lange James Student Loan Fund.*—Established by a gift from President E. J. James in 1914 and increased by the University Senate as a memorial to him. Loans may be made to matriculated students, preferably women, who have been in residence at least one year, have attained junior standing, are in residence, and expect to graduate. Only students of good standing and good scholarship will be considered and preference will be given to those most advanced in University work.

*A. F. Kaeser Student Loan Fund.*—A gift from Dr. A. F. Kaeser, of Highland, Illinois, accepted on September 30, 1939, by the Board of Trustees. Graduates of high schools now or at any time located in Highland, Illinois, are to be given preferential consideration for loans from this fund. If this loan fund is not exhausted through loans made to graduates of high schools in Highland, Illinois, loans may be made to graduates of high schools located in the counties of Madison, Bond, and Clinton. Loans made to any one student shall not exceed \$200 annually or \$800 for the four-year period.

*Kappa Delta Pi Student Loan Fund.*—Accepted by the Board of Trustees June 15, 1935, as a gift from Alpha Chapter of Kappa Delta Pi. Available only to worthy seniors in the College of Education.

*Willis Prentice Kimble Loan Fund.*—A memorial fund established by Mrs. Kimble in 1929. Loans may be made to sophomores, juniors, and seniors, but not in excess of \$100 to any one individual.

*William E. Levis Loan Fund.*—Established in 1936 by a gift from William E. Levis, of the Class of 1913, President of the Owens-Illinois Glass Company. Loans will be made (1) to employees or children of employees of the Owens-Illinois Glass Company and its affiliated companies or subsidiaries, who are students in attendance or prospective students expecting to register immediately at the University; and (2) if funds are available, to students who have been in attendance at the University for at least one year, under the general regulations governing loan funds. Interest, to be paid semi-annually, will be charged at the rate of four per cent a year until one year after graduation or after leaving school; the rate will then be five per cent a year until the principal is paid. Each loan matures as follows: ten per cent of the principal one year after graduation or after leaving school; twenty per cent, two years; thirty per cent, three years; forty per cent, four years.

*William B. McKinley Loan Fund.*—This fund is made up of several donations from the late Senator William B. McKinley, the gifts being made between 1912 and 1926. Loans may be made to male matriculated students, who have been in residence at least one year and intend to graduate. Preference is given to those most advanced in University work and most promising, and loans may be made to underclassmen only in exceptional circumstances.

*J. R. Morris Loan Fund.*—Donated by the late Joseph R. Morris, of Anne Arundel County, Maryland, in 1922. Loans are made to students who have been in residence at least one semester and who are in residence and expect to graduate. Preference is given to students of high promise who are well advanced in University work.

*Loan Fund for Overseas Soldiers.*—Originally donated in 1919 to aid returned overseas soldiers and sailors. An addition was made in 1924, and the regulations changed to make the fund available to (1) soldiers, sailors, and marines who were in warfare in Europe and adjoining waters in 1917-1918; (2) their descendants; (3) descendants of Union soldiers who were in the Civil War in 1861-1865, or were confined in Southern prisons in 1861-1865; (4) descendants of soldiers, sailors, or marines who left the shores of the United States in 1898 in the War with Spain; (5) soldiers,

sailors, and marines (or their descendants) taking part in any future war in which the United States may be engaged. Qualifying students in the junior, senior, or post-graduate years are eligible, or students in any year in the College of Agriculture.

*Marcus Russell Loan Fund.*—Donated by the late Marcus Russell, of Los Angeles, California, in 1926. "The proceeds from this fund shall be used as a fund to be loaned to worthy and indigent students."

*Edward Snyder Fund.*—This fund was established in 1899 by the late Edward Snyder, Professor of German in the University. Loans may be made to matriculated students of junior standing who are in residence and expect to graduate. Preference is given to those of high rank and advanced standing, but no distinction is made as to sex or course of study.

*Henry Strong Educational Foundation.*—The Henry Strong Educational Foundation, established at Chicago under the will of General Henry Strong, provides for loans to men and women students under the age of twenty-five years, preferably in the upper classes.

*St. Louis Illinae Club Loan Fund.*—Established March 29, 1937, as a scholarship loan fund.

*Harry Roberts Temple Fund.*—Established in 1924 by Mrs. Frieda Block Temple. The regulations of the Edward Snyder Fund apply except that preference is given to students in the Department of Architecture.

*Woman's Athletic Association Loan Fund.*—Established September 28, 1932, this fund is available to women students during the senior year.

*Woman's League Fund.*—Established by the Woman's League in 1911 and increased by an anonymous donor in 1922, this fund is administered under the regulations of the Edward Snyder Fund.

### Emergency Loan Funds

Emergency loan funds are available in small amounts for short periods only. In the Urbana departments the approval of the Dean of Men or Dean of Women and the Comptroller are required.

*Cora C. Bright Memorial Loan Fund.*—A gift from the Illinois Congress of Parents and Teachers in 1939, for emergency loans to students at Urbana.

*Class of 1932 Fund.*—Presented to the University on June 15, 1934, through the Alumni Association, for emergency loans to students at Urbana.

*Verne Hall Detweiler Loan Fund.*—A gift from the Illinois Congress of Parents and Teachers in 1936, for emergency loans to students at Urbana.

*Edward C. Heidrich, Jr. Loan Fund.*—Established in 1944 by a gift from Edward C. Heidrich, Jr., this fund is for emergency loans to students at Urbana.

*Irene Symonds Loan Fund.*—A gift from the Illinois Congress of Parents and Teachers, accepted November 8, 1943, as a memorial to Irene Symonds. The fund is for emergency loans to students at Urbana.

*University Faculty Emergency Loan Funds for Students.*—Established in 1932-1933, these funds represent a portion of the money set aside for emergency loans to students at Urbana from funds solicited in 1931 by the University Senate Committee on Unemployment and Relief.

### CHICAGO DEPARTMENTS

Several loan funds have been established for the benefit of worthy students who have satisfactorily completed at least one year of work in the University and are in need of financial aid in order to finish their courses. Information concerning the regulations for loans may be obtained from the office of the dean of each college.

*Gallie-Dittmar Student Loan Fund in the College of Dentistry.*—Emergency loans to students in the College of Dentistry are made from this fund, which is named in honor of Dr. D. M. Gallie, Professor of Clinical Operative Dentistry, *Emeritus*, and Dr. G. W. Dittmar, Professor of Clinical Prosthetic Dentistry, *Emeritus*. This fund has been augmented at various times through gifts from interested individuals.

*Emergency Loan Fund in the College of Medicine.*—Begun in 1933 by contributions from staff members, this fund has been augmented by gifts from various organizations and individuals.

*Ebert Loan Fund in the College of Pharmacy.*—In 1907, following the death of Mr. Albert E. Ebert, who had taken an active part in the development of the College of Pharmacy, the Alumni Association of the College of Pharmacy established a fund in memory of Mr. Ebert. Later contributions were made by the Women's Organization of the Chicago Retail Druggists' Association, to establish a loan fund. In 1931 the funds were combined into one known as the Albert E. Ebert Loan Fund. The Class of 1932 also contributed to this fund. Loans are made to deserving students in the College of Pharmacy. Applications should be made to the Comptroller's Office at Urbana.

*Goldenrod Ice Cream Company Loan Fund.*—Established May 24, 1943, for loans to students in Pharmacy.

*Goldstine Emergency Loan Fund.*—A gift from Mr. Harry Goldstine in 1943 as an emergency loan fund for students in Pharmacy, and added to the original emergency loan fund in pharmacy established by the Board of Trustees June 6, 1933.

*Kellogg Loan Fund.*—Established March 14, 1944, by a gift from the W. K. Kellogg Foundation, this fund is for loans to students in occupational therapy.

## PRIZES FOR STUDENTS AT URBANA

COMPETITIVE prizes, scholarships, fellowships, and miscellaneous awards, which are offered to students in the Urbana departments of the University, are classified here as follows: (1) those authorized by the Board of Trustees; (2) those awarded by local organizations; and (3) those not limited to students at the University of Illinois, but offered at other schools as well. The following lists are subdivided according to the colleges, schools, or departments conducting the competitions.

### PRIZES AUTHORIZED BY THE BOARD OF TRUSTEES

#### Competitions Open to All Undergraduate Students

*Bryan Prize.*—In 1898, Mr. William Jennings Bryan gave to the University the sum of \$250, from the interest on which a prize of \$50 is offered for the best essay on a topic relating to the science of government. The contest is open to all matriculated undergraduate students. The essays may not be less than 3,000 nor more than 6,000 words in length, and they must be left at the office of the Department of Political Science not later than the second Wednesday in May. It is suggested that the essays be on some phase of American government and that contestants confer with the Department of Political Science as to the selection of a topic. The prize was offered in 1940 and is ordinarily offered every fifth year.

*English Poetry Prize.*—The Department of English offers a prize of \$25 for the best undergraduate poem or group of poems of the year.

*Thacher Howland Guild Memorial Prize.*—Friends of Thacher Howland Guild, Instructor and Associate in English, 1904-1914, have endowed the Thacher Howland Guild Memorial Prize, an annual prize of \$25, to be given to the undergraduate student submitting the one-act play which, in the opinion of a committee appointed by the Department of English, shows the greatest originality and literary merit; provided the award may be withheld in any year if no production is found worthy of a prize.

*Thrift Essay Prize.*—The income from a fund established in 1918 by the committee for the sale of War Savings Stamps in Illinois is available for prizes for essays on thrift. Prizes are awarded either annually or biennially. Any student in a college or university in the state who has had a course in the principles of economics is eligible to compete. The essays deal with some aspect of thrift, as designated by the Head of the Department of Economics, who is in charge of the contest.

### Competitions Open to Undergraduate Women

*Dean Maria Leonard Prizes.*—Two cash prizes of \$10 each are given annually by Dean Maria Leonard to the two senior women who have achieved the highest scholastic attainment in the following groups: (1) Sororities, and (2) Women's Group System.

### Competitions Open to Students in Commerce

*Commerce Dean's Award.*—Three seniors, three alumni, and two members of the faculty of the College of Commerce and Business Administration are chosen annually by the Dean of the College to receive an award in recognition of their outstanding services to the College and the University. The names of those given the award are engraved on a plaque hung in the Commerce Building. This award has been suspended for the duration of the war.

### Competitions Open to Students in Engineering

*Ira O. Baker Prizes.*—The late Dr. Ira O. Baker, Professor of Civil Engineering, *Emeritus*, endowed two prizes for the two ranking senior students in civil engineering. These prizes, amounting to \$75 and \$25, respectively, are awarded primarily on excellence of scholarship and secondarily on personal qualities and professional activity. The names of the winners in each year are placed on a bronze tablet located near the office of the Department of Civil Engineering, and a special certificate is given to each winner.

*Awards of the American Society of Civil Engineers.*—Junior membership for one year in the American Society of Civil Engineers, including the badge of the society and an engrossed certificate of award, is presented each year by the Central Illinois Section of the society to two graduating civil engineers and to one graduating non-civil engineer who have attained high scholarship averages and who have been active in promoting the affairs of the student chapter at the University.

### Competitions Open to Students in Fine and Applied Arts

*Allerton American Traveling Scholarships.*—For the past several years Mr. Robert Allerton, of Monticello, has given the Department of Architecture the sum of \$800 to be used during the summer "for a trip through New England by the two juniors who stood best in the junior class in the History of Architecture" for the year. This award enables these students to study early American architecture in New England. (Discontinued for duration of war.)

*American Institute of Architects Prizes.*—The American Institute of Architects awards annually a medal and a book to the senior in architecture whose development during the four-year course is the most consistent and best, and also a book to the senior in architecture who ranks second. Scholarship in all work is considered in these awards.

*Plym Fellowships in Architecture and Architectural Engineering.*—The late Francis J. Plym, a graduate of the class of 1897, endowed two fellowships, one in architecture and the other in architectural engineering, with stipends of \$1,200 each. The winners ordinarily are required to spend a year in study abroad, but the awarding of these fellowships was discontinued in 1942 for the duration of the war.

*Plym Prizes.*—Through endowment by the late Francis J. Plym, the Department of Architecture offers annually certain prizes for undergraduate work. The prizes in architectural engineering represent three awards to those senior architectural engineers whose work, attitude, and ability are judged the highest. The prize for summer sketches is awarded to that student who, during a summer vacation, makes the most interesting and best freehand sketches. The prize for sketch problems is offered as a stimulation for the better development of the sketch problems during the year.

*Kate Neal Kinley Memorial Fellowship.*—This fellowship was established in 1931 to promote advanced study in the fine arts, in memory of the wife of a former president of the University and in recognition of her influence in promoting these and similar interests. This fellowship enables a graduate of Illinois, or some similar institution of equal educational standing, to pursue advanced study for one year at home or abroad. This fellowship is not open to students of architectural construction, city

planning, or landscape architecture. The award is made annually under the direction of the College of Fine and Applied Arts.

*Mary C. McLellan Scholarship in Art.*—Established by bequest of the late Mary C. McLellan of the Class of 1888, and accepted by the Board of Trustees in 1942, this scholarship is awarded in alternate years under the direction of the Department of Art. It is open to graduates of the University who have demonstrated unusual excellence in art and have given promise of professional success. The stipend, consisting of \$1,000, is to be used for professional development through travel in America or abroad, or for study at a recognized institution or with a qualified private master.

### Competitions Open to Students in Law

*Harker Prizes.*—The late Judge O. A. Harker, Professor of Law, *Emeritus*, who was Dean of the College of Law from 1903 to 1916 and again in 1920-1921, endowed two annual prizes: the annual income on \$2,000 to the senior making the highest average grade in law subjects for the three years in which he was registered; and the annual income on \$1,000 to the junior making the highest average grade in law subjects for the two years in which he was registered.

### Competitions Open to Students in Military Science and Tactics

*Hazelton Medal.*—Captain W. C. Hazelton provided, in 1890, a medal which is awarded to the best-drilled freshman in a basic course. Each competitor must have been in attendance at the University at least sixteen weeks of the current college year and have had not more than one unexcused absence from drill. The medal is awarded on Military Day, for excellence in the same details as in the University Gold Medal contest. The successful competitor retains possession of the medal until the fifteenth of May of the following year, when he must return it for the next competition.

*University Gold Medal.*—The Trustees provide annually a gold medal to be awarded on Military Day to the best-drilled second-year basic-course student, whose property the medal becomes. To be eligible for this award, a student must have matriculated in the University and must have completed three semesters of work in military drill with a grade not lower than "B," and three semesters of work in military theory with a grade not lower than "A"; and he must have an average standing not lower than "C" in all his other studies for the preceding semester.

*Chicago Tribune Awards for Military Merit.*—The Chicago Tribune awards three medals each semester to University of Illinois R.O.T.C. cadets who are most outstanding, both in military and college subjects. At the end of each semester the medals are awarded to each of the junior, the sophomore, and the freshman cadets who have received an "A" in both military practice and theory, and who have the highest University academic averages for the semester. The cadets must be in good standing in the R.O.T.C. at the time the awards are presented. Where ties exist in the same class, all semester averages, other than military, of the candidates who are tied are added, and the candidate having the greatest total is the winner. When candidates who have completed but one semester are tied, all such candidates are declared co-winners of the award, the actual recipient of the medal determined by lot; similarly, in the cases of cadets in the sophomore or junior classes who have identical academic averages, where identity of the averages can not be broken by adding all semester averages other than military, the cadets concerned are designated co-winners of the award and the actual recipient of the medal determined by lot.

## PRIZES AWARDED BY ORGANIZATIONS AT THE UNIVERSITY

### General Competitions

*Alpha Lambda Delta Prize.*—The national organization of Alpha Lambda Delta, honorary society for freshman women, offers annually a book to the senior woman who in her freshman year was elected to Alpha Lambda Delta and has maintained the highest scholastic average among the women in the graduating class.

*Chi Omega Prize in Sociology.*—The University of Illinois Chapter of Chi Omega offers annually a prize of \$25 to the senior woman who has consistently done the most outstanding work in the field of sociology.



*Thomas Arkle Clark Prize.*—The freshman honorary society, Phi Eta Sigma, gives each year a prize of \$25 to the sophomore member of Phi Eta Sigma who has attained the highest scholastic average for his first three semesters in the University. This prize is awarded as soon as possible after the grades are available for the first semester. In case two men have the same average, other factors are considered, such as extracurricular activities and outside work.

*Phi Kappa Phi Scholarships.*—The local chapter of Phi Kappa Phi, national honor society, gives two or more scholarships annually for graduate study at the University to members of the local chapter who are graduates of the University or members of the graduating class, selected on the basis of scholastic record and promise of success in graduate work. Applications should be addressed to the local secretary of the society early in the second semester.

### In Liberal Arts and Sciences

*Alpha Chi Sigma Plaque.*—Zeta Chapter of Alpha Chi Sigma, chemical professional fraternity, has hung a plaque in the Chemistry Library as an award to high scholarship in the freshman class. Each year the name of the man who attains the highest scholastic average for his first semester of work in the curriculum of chemistry or chemical engineering is engraved on the plaque.

*Iota Sigma Pi Prize.*—A cash prize of \$20 is awarded each year by the honorary chemical sorority, Iota Sigma Pi, to the woman in the senior class who has the highest scholastic average in her University work with chemistry as her major subject.

*Phi Lambda Upsilon Cup.*—Alpha Chapter of Phi Lambda Upsilon, honorary chemical society, awards a cup annually to the sophomore man who has the highest scholastic average among the students in the curricula of chemistry and chemical engineering. The cup is on display in the main hall of the Chemistry Annex.

*Omega Beta Pi Scholarship Award and Trophy.*—A cash prize of \$25 is awarded each year by the honorary pre-medical fraternity, Omega Beta Pi, to the student who has shown the highest excellence in the physical sciences during his first three semesters in the pre-medical curriculum. Omega Beta Pi also awards a trophy at the end of the first semester each year to the freshman pre-medical student making the highest scholastic average. The University has constructed a case for the trophy in the main hall of the Natural History Building.

*Phi Beta Kappa Scholarship.*—The University of Illinois Chapter of Phi Beta Kappa awards a scholarship of \$80 annually to a member of the junior class of the College of Liberal Arts and Sciences, selected on the basis of general merit. The scholarship is available to the winner during his senior year at the University of Illinois.

### In Commerce and Business Administration

*Alpha Kappa Psi Scholarship Medallion.*—Epsilon Chapter of Alpha Kappa Psi, a professional fraternity in commerce, awards annually a scholarship medallion to the male student pursuing a curriculum in the College of Commerce and Business Administration who has attained the highest scholastic average for three years of collegiate work in the University. The name of the winner is engraved on a scholarship tablet on display in the college office.

*Beta Gamma Sigma Cup.*—Beta Gamma Sigma annually honors the freshman in the College of Commerce and Business Administration who makes the highest average in the first semester's work. The name of the winner is engraved on a silver cup on display in the Commerce Building.

*Phi Chi Theta Key.*—The professional sorority Phi Chi Theta awards a key each year to the woman in the junior class in the College of Commerce and Business Administration who ranks highest in the estimation of a committee composed of three members of the faculty and one member of the sorority. Scholastic records, extracurricular activities, and promise of success in business are considered.

### In Agriculture

*Alpha Zeta Cup.*—A silver cup is awarded each year to the freshman in the College of Agriculture who makes the highest average for both semesters.

*Gamma Sigma Delta Prize.*—At the end of the first semester each year the senior in the College of Agriculture who ranks highest in scholarship, on a basis of a

minimum of four semesters of work in residence in the University, has his name inscribed on a bronze tablet in the Agriculture Library.

*Home Economics Club Cup.*—Each year the name of the freshman in home economics who makes the highest average is engraved on a cup provided by the Home Economics Club.

*Omicron Nu Plaque.*—Each year the name of the senior in home economics who ranks highest in scholarship is inscribed on the Omicron Nu plaque which hangs in the Woman's Building.

*Pi Alpha Xi Shield.*—A silver shield is awarded annually to the student in floriculture who makes the highest average for both semesters of the freshman year.

### In Education

*Kappa Delta Pi Award.*—Alpha Chapter of Kappa Delta Pi offers annually an award of \$10 to an outstanding senior in the College of Education. The award is granted to a student of high character who has exhibited unusual proficiency in practice teaching and who has attained superior scholarship in his field of specialization and high scholarship in all his University work. The name of the recipient is engraved on a plaque hung in the office of the Dean of the College of Education.

### In Fine and Applied Arts

*Alpha Rho Chi Medal.*—Alpha Rho Chi, national architectural fraternity, provides a bronze medal each year to the Department of Architecture, to be awarded to a senior who has shown ability for leadership and given promise of professional merit. (Discontinued for duration of the war.)

*Art Faculty Prizes.*—Members of the faculty in the Department of Art offer each year certain prizes for outstanding work by students in history of art, painting, and related fields.

*Ricker Prize.*—Gold keys are awarded annually for the three best essays on some phase of the history of architecture by students registered in the second year of work in this subject. This prize is given by Anthemios Chapter of Alpha Rho Chi in recognition of the distinguished contributions made by the late Dr. Nathan Clifford Ricker, who for fifty years taught the history of architecture in the University. (Discontinued for duration of war.)

*Scarab Medals.*—Scarab, architectural fraternity, offers annually several bronze medals as follows: (1) for freehand sketching open to all students in architecture; (2) for outstanding work in freshman architectural design; (3) for the best solution of the first major second-semester problem in sophomore design; (4) for the highest award on the second major second-semester problem in junior design; (5) to the student in architectural engineering with the highest record made in freshman and sophomore design. (Discontinued for duration of war.)

*University Landscape Architecture Society Prizes.*—Cash prizes are awarded annually to the two students in landscape architecture who do the best freehand drawings during the preceding summer. The winner of the annual scholarship competition, open to juniors and seniors, receives a prize and has his name inscribed on a permanent scroll. (Discontinued for duration of war.)

*Pi Kappa Lambda Award.*—The payment of all initiation fees of Pi Kappa Lambda, national honorary music fraternity, is awarded annually to the senior student in Music who has the highest scholastic average.

### In Journalism

*Alpha Delta Sigma Plaque.*—Alpha Delta Sigma, national professional advertising fraternity, selects and recognizes the outstanding junior in the School of Journalism each year. The selectee's name is engraved on a wall plaque for permanent display in Gregory Hall.

*Sigma Delta Chi Certificates.*—Each year the national journalism fraternity, Sigma Delta Chi, awards certificates to the upper ten per cent of the graduating class in the School of Journalism. Also a special citation of achievement is awarded to the outstanding man in the class, selected on a basis of scholarship, character, and journalistic competence.

*Theta Sigma Phi Award.*—The outstanding woman in the graduating class is selected each year by Theta Sigma Phi, woman's professional journalism fraternity, and is awarded a certificate of achievement.

### In Law

*Frederick Green Moot-Court Competition Award.*—The Horner Chapter of Nu Beta Epsilon, law fraternity, has presented to the University a gold cup on which is inscribed each year the name of the student in the College of Law who places first in the Frederick Green Moot-Court Competition.

### In Physical Education

*Delta Theta Epsilon Award.*—A trophy is awarded annually by Delta Theta Epsilon, honorary physical education fraternity, to a senior in the curriculum in physical education for men. Character, scholarship, personality, and ability as a teacher are considered by the faculty committee in making the award.

### In Military Science and Tactics<sup>1</sup>

*American Legion Medals.*—The American Legion, Department of Illinois, awards annually a bronze medal to the outstanding sophomore in each unit of the R.O.T.C., selected by the Directors of Training.

*American Legion Auxiliary Awards.*—A special certificate and a check for \$50 are awarded to the first-year advanced-course R.O.T.C. student selected as the new Cadet Colonel of the Brigade for the ensuing year. The check is made payable to the Bursar of the University, to be credited to the account of the student selected, as partial payment of University fees or other charges due for the first semester following the award—any balance at the end of the semester to be paid to the student. Another certificate and a check for \$50 to be used on the same terms are awarded to the first-year advanced-course student who has been most outstanding as a competitor in inter-unit, varsity, and freshman small-bore rifle matches.

*Cavalry Medal.*—The Cavalry Unit, in 1920, provided a gold medal which is awarded in May of each year to the best-drilled cavalry student of the basic course. The winner is given a certificate setting forth the facts, and may wear the medal until May 15 of the following year, when he must return it for the next competition.

*Connor Cups.*—Three cups are awarded annually to the best-drilled freshman, sophomore, and advanced-course students in the Field Artillery Unit.

*Daughters of the American Revolution Prize.*—The Illinois Department of the Daughters of the American Revolution awards annually a \$25 war bond to the cadet officer selected as the Cadet Colonel of the Brigade for the ensuing year.

*Grand Army Memorial Saber.*—The Illinois Department of the Auxiliary to Sons of Union Veterans of the Civil War awards a saber to the outstanding cadet officer in the first-year advanced course, other than the new Cadet Colonel.

*Infantry Medals.*—Alpha Sigma Tau, infantry fraternity, awards annually two silver medals, one to a freshman and one to a sophomore, who are selected as the outstanding cadets in the basic courses of the infantry unit.

*Inter-Unit Rifle Match Cups and Medals.*—Two cups are awarded to the highest scoring teams in the inter-unit small-bore rifle match held annually in the fall. Each man who makes a score of 180 or better in the match receives a gold medal. Each member of the winning teams who makes a score under 180 receives a bronze medal.

*Ladies Auxiliary of the Veterans of Foreign Wars Award.*—A prize of \$50 and an inscribed medal, provided by the Illinois Department of the Ladies Auxiliary of the Veterans of Foreign Wars, are awarded annually to the outstanding first-year advanced-course cadet in Pershing Rifles. Because there is no advanced R.O.T.C. this is changed in 1944 to awarding three War Bonds of \$25 maturity value to the three members of the June, 1944, graduating class who have the highest standing.

*Pershing Rifles Award.*—An annual award of a medal and a scholarship check for \$50, provided by the National Auxiliary of the United Spanish War Veterans,

<sup>1</sup>Except for the Ladies Auxiliary of the Veterans of Foreign Wars award, these awards in Military Science and Tactics have been discontinued for the duration of the war due to the curtailment of the Reserve Officers' Training Corps.

Department of Illinois, is presented to the outstanding second-year basic-course cadet in Pershing Rifles who expresses his intention of entering the advanced course. The medal is presented on Military Day, and the scholarship check on enrollment in the advanced course the following semester.

*Phalanx Award.*—The outstanding freshman cadet in each unit of the R.O.T.C. receives the Phalanx award.

*Pistol Team Cup.*—A cup is awarded to the winning team in the inter-unit pistol match held in the spring of each year.

*Signal Corps Medals.*—Pi Tau Pi Sigma, national signal corps fraternity, awards annually a set of reserve officer's collar insignia to the best-qualified student of the first-year advanced course of the Signal Corps Unit. A silver medal is also awarded to the sophomore best-qualified in all phases of signal corps activity, and a bronze medal to the best-qualified freshman.

*Spanish War Veterans Auxiliary Award.*—The Illinois Department of the National Auxiliary of United Spanish War Veterans presents annually a medal and a scholarship check for \$50 to the outstanding second-year basic-course cadet in Pershing Rifles.

*United States Coast Artillery Association Medal.*—An annual award by the United States Coast Artillery Association to the student completing the first year of advanced-course work in the Coast Artillery Corps Unit with the best record as to grades in academic and military subjects and with personal qualifications of character, initiative, force, and leadership.

*United States Field Artillery Association Medal.*—An annual award by the United States Field Artillery Association to the student completing his first year of the advanced-course training in the Field Artillery Unit "who best exemplifies, in outstanding soldierly characteristics, the high standards of the army."

*Veterans of Foreign Wars Sabers.*—The Veterans of Foreign Wars, Department of Illinois, annually presents sabers to the seven Cadet Lieutenant-Colonels in the R.O.T.C. Brigade.

*Women's Relief Corps Tablet.*—The names of eighteen seniors who have excelled in military scholarship appear on a bronze tablet presented each year to the Military Department of the University by the Women's Relief Corps of Illinois.

## PRIZES NOT LIMITED TO THE UNIVERSITY OF ILLINOIS

### General Competitions

*Intercollegiate Conference Medal.*—The Intercollegiate Conference, through its faculty representative at each conference institution, awards annually a medal to the student of the graduating class who has attained the greatest proficiency in athletics and in scholastic work.

*Phi Kappa Phi (Sparks Memorial) Fellowship.*—Six fellowships of \$500 each, for graduate study in any American institution of recognized standing, are awarded annually by Phi Kappa Phi, national honor society, in competitions open to members of the society in any American college or university where a chapter of the society exists. The recipients are selected by a national board from candidates recommended by the local chapters. Prospective candidates should file their applications with the local secretary of the society early in the second semester.

### In Engineering

*American Institute of Mining and Metallurgical Engineers' Student Technical Paper Writing Contest.*—Competition is open to all student associates of the Institute, both undergraduate and graduate. The Chicago Section offers cash prizes of \$100 and \$50, and books for best papers among colleges in this section. Best papers from local sections throughout the country are judged for national prizes.

*American Society of Mechanical Engineers Prize.*—This society offers annually a prize of \$25 for the best paper prepared in a competition between student members.

*Highway Prize.*—The Illinois Association of County Superintendents of Highways gives an annual prize of \$25 for the best paper written by a senior in civil engineering on a subject in the highway field, such as design, construction, or maintenance. This is given with the understanding that the winning paper will be presented at the Annual Highway Conference.

*John Smeaton Award.*—The Illinois Concrete Pipe Association gives an annual prize of \$25 for the best paper written by a senior in the College of Engineering on the manufacture of concrete pipe.

*Tau Beta Pi Fellowship.*—Six fellowships of approximately \$650 each, for graduate study in any engineering college of recognized standing, are awarded annually by Tau Beta Pi, national engineering honor society, in competitions open to members of the organization in any American college or university where a chapter of Tau Beta Pi exists. The recipients are selected by a national board from candidates recommended by the local chapters. Prospective candidates should file their applications with the chairman of the board prior to March 1.

### In Fine and Applied Arts

*American Academy in Rome Fellowships in Architecture and Landscape Architecture.*—In annual competitions open to qualified undergraduates and graduates of certain American schools, the American Academy in Rome usually awards two fellowships: (1) the Fellowship in Architecture, which provides two years of residence and travel abroad for the study of classic and renaissance architecture; and (2) the Fellowship in Landscape Architecture, which provides a three-year term of study in landscape architecture at Rome. Since 1942, because of wartime conditions, the Academy offers cash prizes in lieu of these foreign fellowships.

*American Society of Landscape Architects Certificate.*—A certificate of merit is awarded each year to a graduating senior in each of the ten schools on the accredited list of the American Society of Landscape Architects. In nominating candidates for this award, the faculty considers scholarship, character, ability, and attainment. (Discontinued for duration of war.)

*Beaux Arts Institute of Design.*—Several prizes and scholarships offered annually through the Beaux Arts Institute of Design are open for competition among qualified students of certain American schools, including the University of Illinois.

*Fontainebleau Scholarships.*—The Beaux Arts Institute of Design has offered annually two Whitney Warren Fontainebleau Scholarships of \$500 each, for the purpose of attending the Fontainebleau School of Fine Arts. The students placing first and second in the Class "A" IV Project of the Beaux Arts Institute of Design for the current school year have received these awards. (Not awarded in 1944-1945.)

*Edward L. Ryerson Traveling Fellowships.*—Seniors of certain middlewestern universities are eligible to compete for the Edward L. Ryerson Traveling Fellowships offered each year, one in architecture and one in landscape architecture. Each fellowship grants a stipend of \$1,000 to be used for a year of travel and study. (Not awarded in 1944-1945.)

*Paris Prize.*—The Society of Beaux Arts Architects offers an annual award known as the Paris Prize, competition for which is open to qualified students of certain American schools, including the University of Illinois. This prize provides one year of study abroad. (Discontinued for duration of war.)

# COLLEGES AND SCHOOLS AT URBANA

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## The College of Liberal Arts and Sciences

FOR THOSE WHOSE PRIMARY AIM IS LIBERAL EDUCATION, the College of Liberal Arts and Sciences provides a curriculum in the Division of General Studies consisting of a unified two-year program of basic courses followed by two years of more intensive study. In this curriculum and also in the general curriculum of this college, the purpose is a well-balanced personal development with an understanding of the forces, tendencies, and conflicts of the present age in the light of the intellectual and cultural heritage of the past. For the curriculum in the Division of General Studies, see page 131.

The general curriculum in Liberal Arts and Sciences (page 133) requires a nucleus of courses in literature or philosophy, social studies and natural sciences, a reading knowledge of at least one foreign language, and a certain amount of concentration in the subjects chosen as majors and minors. Students in this curriculum are encouraged to develop interests and talents supplementing their major subjects and to take courses with cultural values, such as art, literature, music, and others listed as electives.

All students planning for more advanced study after graduation, especially if they hope to engage in research, are encouraged to arrange their programs with reference to the requirements for admission to the Graduate School, and provision is made for those who wish to prepare themselves for various professions and vocations. Prospective teachers may specialize to some extent by choosing majors and minors in the subjects they wish to teach and by electing courses in the College of Education, to meet the requirements for teachers' certificates; or they may enter the College of Education for their junior and senior years in order to obtain a bachelor's degree from that college (page 182). Graduates from the College of Liberal Arts and Sciences may enter the Library School for a year of special training in librarianship (page 214).

*Pre-Law.*—Students preparing for the study of law ordinarily complete the first three years of the general curriculum in liberal arts and sciences or in the Division of General Studies before entering the College of Law (page 202). During their senior year they may, if scholastically qualified, elect courses equivalent to the first year of work in that college and thus complete the requirements for graduation from this college while making progress toward a degree in law. An alternative arrangement permits students to begin the four-year curriculum in law after only two years of pre-legal study.

*Pre-Journalism.*—Students considering journalism as a profession are advised to take two years of work in either the general curriculum of liberal arts and sciences or the curriculum of the Division of General Studies, selecting fundamental courses which will admit them to the School of Journalism (page 206).

*Curriculum on International Affairs.*—This curriculum is sponsored by the Division of the Social Sciences, and its completion satisfies the requirement for a minor in the departments of Economics, Geography, History, Philosophy, Political Science, and Sociology. (See page 135.)

*Home Economics.*—Students desiring to specialize in home economics may make it their major subject in the general curriculum of this college (page 133) as an alternative to the curricula in home economics offered by the College of Agriculture (page 177) and the College of Education (page 184). Certain courses in home economics may be elected by students not specializing in that subject.

*Chemistry and Chemical Engineering.*—Chemistry may be taken as a major subject in the general curriculum (page 133), or as a minor subject, or as an elective independent of the major and minor subjects. For more specialized training, however, separate four-year curricula are offered in chemistry (page 136) and in chemical engineering (page 137), the latter requiring certain fundamental courses in several departments of the College of Engineering.

*Pre-Medicine.*—Students intending to study medicine may first complete the four-year general curriculum in liberal arts and sciences, with major and minor subjects chosen from the physical and biological sciences, and thus have the benefit of a more liberal culture than is afforded by the minimum requirements for admission to the College of Medicine. Those who wish to enter the College of Medicine after only two or three years of undergraduate work may enroll, if scholastically qualified, in the pre-medical curriculum outlined on page 138. (Students interested in medical technology as a vocation should inquire at the office of the Dean of the College of Liberal Arts and Sciences.)

*Pre-Dentistry.*—The minimum requirements for admission to the College of Dentistry may be met by students who complete only two years of work identical to the first two years of the pre-medical curriculum (page 138). Students planning to study dentistry may register as “pre-dental” freshmen and sophomores, with special advisers, or may follow the general curriculum of liberal arts and sciences for more than two years in order to obtain not only the necessary basic courses in the natural sciences but also more cultural courses.

*Occupational Therapy Curriculum.*—This curriculum consists of five semesters of work on the Urbana campus and five terms at the College of Medicine. Upon satisfactory completion of the work of this curriculum, the student is eligible for the degree of Bachelor of Science in Occupational Therapy from the College of Medicine. The work on the Urbana campus is divided as follows: the first and second semesters in pre-professional training; the third, fourth, and fifth semesters in professional training. Requirements for admission to the pre-professional and professional levels are described on page 89. Students who wish to have the benefit of a more liberal culture than is afforded by the minimum requirements in this curriculum may complete the work for a bachelor's degree in the College of Liberal Arts and Sciences before making application for admission to the professional work at the College of Medicine. For the five-semester curriculum on the Urbana campus, see page 139.

*Individual Curricula and Tutorial Work.*—For superior students who have had at least one year of undergraduate work in residence at the University, individual curricula may be arranged to serve other purposes than those accomplished by the conventional curricula mentioned above. Opportunities for independent study under the guidance of faculty members, supplementing the classroom instruction, are available under the tutorial system (page 130).

*Transfers.*—Students transferring from other colleges are welcomed if they give satisfactory evidence of their ability to succeed in this college. Students in this college are free to transfer at any time to other colleges, or from one curriculum to another within this college, if they are properly qualified.

For *admission*, see page 81; for the *buildings* used by this college, see page 68; for *museums and collections* under its care, see page 73; for *clubs and societies* auxiliary to its curricula, see page 112; for *prizes*, see page 120; for *fees*, see page 100; for general University requirements for *graduation*, see page 96; for graduation requirements in this college, see pages 133-135; for regulations concerning *unclassified students*, see page 89.

### James Lectures on Government

An annual lectureship on government was established in 1935 by a gift from Mrs. G. E. Frazer as a memorial to her father, Edmund J. James, who was President of the University of Illinois, 1904-1920. The first three lectures in this series were published by the University in 1938, the next three in 1941, and the last three in 1944. These lectures are delivered during the spring of each year.

### Departments and Divisions

To correlate the work of departments in the College of Liberal Arts and Sciences, the following groups are organized: (1) the *Division of Biological Sciences*, consisting of Bacteriology, Botany, Entomology, Psychology, Zoology and Physiology; (2) the *Division of Language and Literature*, consisting of the Classics, English (including rhetoric and speech), French, German, Spanish and Italian (including Portuguese); (3) the *Division of Social Sciences*, consisting of Economics (a department in the College of Commerce), Geography, History, Philosophy, Political Science, Psychology, Sociology, and courses in Social Welfare Administration. Other departments in this college are: Astronomy, Chemistry (including chemical engineering), Geology and Geography, and Mathematics.

Graduate as well as undergraduate work is conducted in all departments of this college, and courses in all these departments are taken by students enrolled in other colleges and schools of the University. The work of the faculty of this college thus serves all curricula that include the humanities, natural sciences, and social sciences.

### Individual Curricula

A limited number of sufficiently gifted and mature students may make arrangements for individual curricula, the satisfactory completion of which will lead to the degree of Bachelor of Arts or Bachelor of Science. The main purpose of such curricula is to serve the needs of superior students who can profit more from individual programs of studies than from any of the conventional programs. In general, the following regulations govern the operation of individual curricula:

(a) A student may make application to the assistant dean of the college for admission to an individual curriculum after the completion of at least 27 semester hours in residence at the University with an average of at least 4.0.

(b) The acceptance of a student for registration in an individual curriculum requires the approval of the college and of the major department concerned.

(c) Each candidate must meet the general University requirements with respect to registration, residence, fees, hygiene, military science, physical education, and rhetoric, and obtain credit in approved courses totaling at least 120 semester hours.

(d) Having once been admitted to an individual curriculum, a student must maintain an average grade of at least 3.5 while registered therein, or be transferred to one of the established curricula.

### Tutorial Work

Under the tutorial system, students in the College of Liberal Arts and Sciences have opportunities for independent study and investigation. Before beginning tutorial work, a student must ordinarily have completed Groups A and B of the requirements for the general curriculum or the freshman-sophomore program of the Division of General Studies, have attained junior standing, with at least a 4.0 academic average in work taken at the University (exclusive of courses in military science and physical education), and have given promise of being able to do independent work in the proposed field of investigation. Applications are subject to approval by the department concerned, and by the assistant dean of the college, and should ordinarily be filed before



the close of the sophomore year. In the case of departments in which required sequential courses extend through the junior year, applications may be deferred until the beginning of the senior year.

Students whose applications are accepted will register for "Tutorial Work." Such students should normally register for 16 hours of credit in any one semester, of which not more than 12 hours may be in formal class work. However, it is permissible to leave undetermined the number of hours credit in tutorial work until the close of the semester. In such cases, the amount of credit is determined by the assistant dean on recommendation of the tutor and the department concerned.

### Honors at Graduation

At graduation the honors awarded to superior students who do not elect tutorial work are designated as Honors, High Honors, and Highest Honors. They are awarded and graded according to the following rules:

(a) All candidates for honors must present an acceptable thesis or pass a comprehensive examination based on a course of study approved by the department of specialization or another competent body. The thesis course or special course of study must carry credit for not less than four semester hours.

(b) For the degree with Honors, the student must be recommended for Honors by his department of specialization, and have earned an average of 4.0 in all courses counted toward graduation from this college.

(c) For the degree with High Honors, a student must be recommended for High Honors by his department, and have earned an average of 4.25 in all courses counted toward graduation from this college. The thesis or comprehensive examination must give evidence of unusual ability.

(d) For the degree with Highest Honors, a student must be recommended for Highest Honors by his department, and have earned an average of 4.5 in all courses counted toward graduation from this college. The thesis or comprehensive examination must give evidence of exceptional ability.

For graduation with honors, the notation on the diploma reads: Honors in ———; High Honors in ———; Highest Honors in ———. (The name of the student's subject or subjects of specialization will ordinarily be added.) Such honors are recommended by the head of the department of specialization and are subject to the approval of the dean of the college.

*Honors in Tutorial Work.*—The honors to be awarded at graduation to superior students upon completion of their tutorial work are designated as Tutorial Honors, High Tutorial Honors, and Highest Tutorial Honors. They are awarded and graded solely on the basis of the general examination given at the close of the tutorial course. For graduation with honors in tutorial work, the notation on the diploma reads: Tutorial Honors in ———; High Tutorial Honors in ———; Highest Tutorial Honors in ———. (The name of the student's subject or subjects of specialization may be added.) Such honors are recommended by the head of the department of specialization and are subject to the approval of the dean of the college.

## CURRICULUM IN THE DIVISION OF GENERAL STUDIES

### *For the Degree of Bachelor of Arts*

In the freshman and sophomore years of this curriculum, students are introduced to several fields of learning, by means of general courses intended to develop wide views of human experience and endeavor. In the junior and senior years, each student continuing in this curriculum organizes his work about a field of concentration.

### General Courses

The work of this curriculum is based on seven general courses, one in each of the following fields: (1) verbal expression, (2) history of civilization, (3) biological science, (4) physical science, (5) social science, (6) literature and the fine arts, (7) philosophy and psychology. The subject matter in these courses takes into account both the nature of the field and the educational needs of students. Each course extends through two semesters and gives eight semester hours of credit toward graduation. Students receive grades at the end of each semester, however.

In all these courses the general purpose is the introduction of the student to the points of view and methods of exploration characteristic of each field, to enable him to discover and make use of its resources for individual and social living. As a group, these courses are planned to supplement and support one another. The emphasis throughout is on continuous growth and integration.

All members of the teaching faculty who conduct these courses are of the rank of instructor or above. Each discussion class is limited to twenty students, so that each student can receive individual instruction and participate in the general exchange of views within the class as a group.

Each student normally completes three of these general courses in his freshman year and three more of them in his sophomore year. At least six of the seven, including the first four listed above, should ordinarily be completed by the end of the sophomore year, and must be completed by the end of the junior year, if the student is to continue in the Division.

Most of the required courses in the Division of General Studies, listed below, are accepted as fulfilling the prerequisites for advanced courses offered by other departments of the University.

Ordinarily the work of the first two years proceeds as follows:

First Year			
FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
D.G.S. 1a—Verbal Expression . . . . .	4	D.G.S. 1b—Verbal Expression . . . . .	4
D.G.S. 2a—History of Civilization . . . . .	4	D.G.S. 2b—History of Civilization . . . . .	4
D.G.S. 3a—Biological Science . . . . .	4	D.G.S. 3b—Biological Science . . . . .	4
or D.G.S. 4a—Physical Science . . . . .	4	or D.G.S. 4b—Physical Science . . . . .	4
Elective <sup>1</sup> . . . . .	2-4	Elective <sup>1</sup> . . . . .	2-4
Military Science (for Men) . . . . .		Hygiene . . . . .	2
Physical Education . . . . .		Military Science (for Men) . . . . .	
		Physical Education . . . . .	
<i>Total</i> . . . . .	12-16	<i>Total</i> . . . . .	14-18
Second Year			
D.G.S. 3a—Biological Science . . . . .	4	D.G.S. 3b—Biological Science . . . . .	4
or D.G.S. 4a—Physical Science . . . . .	4	or D.G.S. 4b—Physical Science . . . . .	4
<i>Two of the following:</i>		<i>Two of the following:</i>	
D.G.S. 5a—Social Science . . . . .	4	D.G.S. 5b—Social Science . . . . .	4
D.G.S. 6a—Literature and Fine Arts . . . . .	4	D.G.S. 6b—Literature and Fine Arts . . . . .	4
D.G.S. 7a—Psychology and Philosophy . . . . .	4	D.G.S. 7b—Psychology and Philosophy . . . . .	4
Elective <sup>1</sup> . . . . .	2-4	Elective <sup>1</sup> . . . . .	2-4
Military Science (for Men) . . . . .		Military Science (for Men) . . . . .	
Physical Education . . . . .		Physical Education . . . . .	
<i>Total</i> . . . . .	12-16	<i>Total</i> . . . . .	12-16

In the third year, students with a satisfactory record may begin the junior-senior program of this curriculum, or may transfer to the general curriculum of this college, or may enter the College of Education or the College of Law or the School of Journalism.

### Junior-Senior Program

The work of the third and fourth years is composed chiefly of departmental courses. Each student, at the beginning of his junior year, selects one of the four fields or concentration listed below, as a center for a program of study which he arranges, subject to approval by the college committee in charge of the curriculum. This program must include at least 32 semester hours in the chosen field, with a minimum of 15 hours in one department. After approval, it is regarded as a required program, which the student may not change without the approval of the committee.

The four fields of concentration, with the courses which may be counted toward the required 32 hours, are as follows:

<sup>1</sup>An elective is not required in a minimum schedule, but most students will wish to elect another course. Foreign languages are recommended, especially for students who plan to do graduate work later on. Mathematics is also recommended, especially for the men who may be going into military service.

(1) Mathematics and physical science.—Courses in the departments of mathematics, astronomy, chemistry, geography, geology, physics.

(2) Biological science.—Courses in the departments of bacteriology, botany, entomology, physiology, psychology, zoology.

(3) Social science.—Courses in the departments of economics, geography, history, law (at least 15 hours must be taken in one department other than law), philosophy, political science, psychology, sociology.

(4) Humanities.—Courses in the departments of art, history, music, and philosophy; and literature courses in the departments of the Classics, English, French, German, Spanish and Italian.

### Summary of Requirements for Graduation

To be eligible for graduation with the degree of Bachelor of Arts from the Division of General Studies of this college, a student must (1) meet the general University requirements with respect to registration, residence, scholarship, fees, hygiene, military science, physical education, and rhetoric (page 96); (2) complete six of the seven general courses, including those in verbal expression, history of civilization, biological science, and physical science; (3) complete a junior-senior program, approved by the committee in charge of this curriculum, including 32 hours of credit in a field of concentration, with at least 15 hours in one department; and (4) have a minimum total of 120 hours of credit, not counting the first two years of work in military science and physical education.<sup>1</sup>

## GENERAL CURRICULUM IN LIBERAL ARTS AND SCIENCES

### *For the Degree of Bachelor of Arts (or Bachelor of Science)*

Because of the wide range of courses open to students in the general curriculum of liberal arts and sciences, it is not feasible to specify the definite sequences of courses to be taken by any student in each of the four years of this curriculum. Under the guidance of advisers, each student is expected to plan his own program within the general requirements outlined below. This general outline indicates the ordinary procedure in fulfilling the requirements for the degree of Bachelor of Arts, or for the optional degree of Bachelor of Science.

### Summary of Requirements for Graduation

Each candidate for the degree of A.B. or B.S. in the general curriculum of liberal arts and sciences must meet the general University requirements with respect to registration, residence, fees, hygiene, military science, physical education, and rhetoric, and must obtain credit, with a satisfactory scholastic average, in approved courses totaling at least 120 semester hours, not counting credit earned for the first two years of work in military science and physical education.<sup>1</sup> In securing this credit, each candidate matriculating before June 1, 1939, must have grades of not less than "C" (3.) in subjects aggregating at least three-fourths of the semester hours required for the degree. Each candidate matriculating after June 1, 1939, must have an average of not less than "C" (3.) in all grades received, including grades in courses transferred from other institutions, and excluding those received in military science and physical education, and must not have grades below "C" in more than one-fourth of the total number of semester hours earned. (*Note:* Grades in advanced military courses and in the physical education courses required of men during the war are included in the average.) In computing the grade-point average, weighted values are given to the grades as follows: A=5 grade points; B=4; C=3; D=2; E (failure)=1. The individual grades are multiplied by the respective number of semester hours which each represents and the sum of these products is divided by the total number of semester hours taken.

*Optional Degree of Bachelor of Science.*—The degree of Bachelor of Science, instead of the degree of Bachelor of Arts, is granted to students whose major is in mathematics, a science, or home economics, upon petition to the dean of this college not later than March 1 if the degree is to be received in June, August 1 if it is to be received in October, or December 1 if it is to be received in February.

<sup>1</sup>Credit toward graduation will be granted for the additional courses in physical education which are required of all men students during the war. (See page 96 for University regulations.)

**A. Prescribed subjects:**

To be begun in the first semester of the freshman year, except as otherwise provided, and to be continued until the requirements are completed.

1. *Hygiene*.—One semester. Credit may be obtained by a proficiency examination.
2. *Physical Education*.—Four semesters. (For the duration of the war men under 30 years of age are required to register each semester in physical education unless exempted by the Dean of the College or the Health Service.)
3. *Military Science and Tactics* (for men).—Four semesters.
4. *Rhetoric*.—Two semesters (Rhetoric 1 and 2). The quality of work acceptable in the fulfillment of this requirement must satisfy the general University regulations concerning rhetoric which are found on page 96.
5. *Foreign Language*.—A reading knowledge of a foreign language (French, German, Greek, Italian, Latin, Portuguese, or Spanish) equivalent to that resulting from four semesters of study of a foreign language commenced in college. This requirement is satisfied by passing French 2b, German 5 or 6, Greek 4, Italian 2b, Latin 1a, Portuguese 2b, Spanish 2b, or a more advanced course in any of these languages. Proficiency examinations are offered in all these courses as well as in the more elementary courses in languages. *Note*: No credit toward graduation is given for a beginning course in a foreign language unless it is continued through a full year. (Students planning to enter the Graduate School are advised to obtain a reading knowledge of both French and German.)

**B. Group requirements:**

To be begun in the freshman year and completed before the senior year. Proficiency examinations may be taken for credit in some of these subjects.

1. *Liberal Arts*.—A total of 15 hours chosen from at least three of the following subjects, including one course in English or foreign literature, or in the history of philosophy: English literature, foreign literature (advanced courses requiring at least two years of college work, or its equivalent), economics, history, philosophy, political science, and sociology.
2. *Sciences*.—A total of 15 hours chosen from at least three of the following subjects, including one course with a minimum of four hours laboratory work a week: astronomy, bacteriology, botany, chemistry, entomology, geography, geology, mathematics, physics, physiology, psychology, and zoology.

*Note*.—Any student who has completed the six courses prescribed by the Division of General Studies will have satisfied all the group requirements of the general curriculum in the College of Liberal Arts and Sciences.

**C. Majors, minors, and advanced courses:**

1. *Major Subjects*.—Each student, before beginning the junior year, selects one subject and declares it to be his major. In order to be acceptable for graduation, a major must consist of at least 20 hours in courses chosen from those designated by a department and approved by the faculty of the college. Such courses are to be inclusive of some distinctly advanced work and exclusive of courses open to freshmen. At least five hours of the work acceptable for a major must be done in residence at the University. The subjects recognized as majors in this college are:

Bacteriology	French	Italian	Political Science
Botany	Geography	Latin	Psychology
Chemistry	Geology	Mathematics	Sociology
Classics	German	Philosophy	Spanish
Economics	Greek	Physics	Speech
English	History	Physiology	Zoology
Entomology	Home Economics		

2. *Minor Subjects*.—Each candidate for graduation must offer, in addition to his major, a minor consisting of 20 hours in one or two subjects designated by the department in which he is taking his major, and approved by the faculty, with at least 8 hours in each subject if two are chosen.
3. *Advanced Courses*.—Thirty hours of the work taken in the junior and senior years must be in courses not open ordinarily to freshmen or sophomores. Students should plan their first and second years of work so as to include the prerequisites for advanced courses.

**D. Electives:**

1. *Liberal Arts and Sciences.*—Any course offered in the College of Liberal Arts and Sciences may be used as an elective.
2. *Other Colleges.*—Electives totaling as much as (but not more than) 32 hours may be taken in other colleges and schools of the University and counted toward graduation from this college, in addition to the courses acceptable for major and minor requirements, if such electives are in conformity to the following list approved by the faculty:
 

<p><i>Accountancy.</i>—A total of 6 hours (not including more than one of the following courses: Accountancy 1a, 1c, 12).</p> <p><i>Agricultural Economics.</i>—A total of 6 hours.</p> <p><i>Architecture.</i>—A total of 15 hours.</p> <p><i>Art.</i>—A total of 15 hours.</p> <p><i>Business Law.</i>—A total of 6 hours.</p> <p><i>Business Organization and Operation.</i>—A total of 6 hours. 12a-12b (Type-writing) and 13a-13b (Shorthand) may not be offered for credit.</p> <p><i>Economics.</i>—All courses.</p> <p><i>Education.</i>—A total of 20 hours.</p> <p><i>Engineering.</i>—A total of 10 hours in the College of Engineering.</p> <p><i>Forestry.</i>—3 hours.</p> <p><i>Home Economics.</i>—All courses.</p> <p><i>Horticulture.</i>—A total of 6 hours.</p> <p><i>Hygiene.</i>—Hygiene 2 or 5 (2 hours). Hygiene 8 is accepted in addition to the required two hours of credit.</p>	<p><i>Journalism.</i>—A total of 10 hours.</p> <p><i>Landscape Architecture.</i>—A total of 7 hours.</p> <p><i>Law.</i>—A student of senior standing with an average of 3.25 who has been in residence either the first two years or the last year of his pre-legal work may take and count toward the A.B. degree not to exceed 32 hours in the College of Law, provided that not less than two courses amounting to at least 5 hours a semester are taken, with the advice of the dean of the College of Law, and provided further that if any such student desires to take more than 6 hours of law work he must also register in the College of Law.</p> <p><i>Library Science.</i>—A total of 10 hours.</p> <p><i>Military Science.</i>—A total of 8 hours in advanced courses.</p> <p><i>Music.</i>—A total of 15 hours approved by the director of the School.</p> <p><i>Physics.</i>—All courses.</p>
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*Graduate Courses.*—A student of excellent standing who is within five semester hours of his bachelor's degree may be given the privilege of electing courses in the Graduate School with the consent of the dean of that school. Such a student will register both in the College of Liberal Arts and Sciences and in the Graduate School.

**CURRICULUM ON INTERNATIONAL AFFAIRS**

This curriculum is sponsored by the Division of the Social Sciences, and its completion satisfies the requirements for a minor in the departments of Economics, Geography, History, Philosophy, Political Science, and Sociology. Students in the curriculum are required to take Economics 23, Political Science 8, Sociology 70, and, in the following groups of courses, two courses in Group I and two in Group II:

*Group I.*—Economics 29 or 44; History 32a or 32b, 37b; Philosophy 5; Political Science 33.

*Group II.*—Economics 8, 24, 30, 31; Education 5; Geography 1, 2, 3, 8, 10, 11, 53, 54; History 1a, 1b, 30a, 30b, 31b, 33b, 34b, 36a, 36b, 46a; Journalism 58; Philosophy 9, 18; Political Science 6a, 6b, 7, 21, 22, 38; Psychology 14; Social Science 1, 2; Sociology 10, 14, 28, 60.

**CHEMISTRY AND CHEMICAL ENGINEERING**

The following curricula in chemistry and chemical engineering afford more specialized training than is required of students who make chemistry their major subject in the general curriculum of liberal arts and sciences.

The minimum language requirement for graduation in these curricula is the equivalent of two years of college work in German or French. When a student does not offer either German or French for entrance, the second year of the language required for graduation may be counted as an elective in either curriculum. Students entering with two units of credit for German or French (two units in high school

being equivalent to one year in college) should complete this minimum requirement in their freshman year. Those entering with less than two units in German or French should complete this requirement in their sophomore year or as early as possible.

Students in these curricula should note that registration in chemistry courses other than those open to freshmen and a few of those open to sophomores is restricted to students who have a grade-point average of 3.5.

### Curriculum in Chemistry

#### For the Degree of Bachelor of Science in Chemistry

##### First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Chem. 8a—Inorganic Chemistry and Qualitative Analysis <sup>1</sup> .....	5		Chem. 8b—Inorganic Chemistry and Qualitative Analysis.....	5	
Math. 10a—Freshman Mathematics <sup>2</sup>	5		Math. 10b—Freshman Mathematics	4	
German or French.....	4		German or French.....	4	
Rhet. 1—Rhetoric and Composition..	3		Rhet. 2—Rhetoric and Composition..	3	
Physical Education.....			Hygiene 5 (or 2, for Women).....	2	
Military Science (for Men).....			Physical Education.....		
			Military Science (for Men).....		
<i>Total</i> .....	17		<i>Total</i> .....	18	

##### Second Year

Chem. 24—Quantitative Analysis....	5	Chem. 34—Organic Chemistry.....	5
Math. 8a—Differential Calculus.....	3	Math. 8b—Integral Calculus.....	3
Physics 1a—General Physics.....	4	Physics 1b—General Physics.....	4
Physics 3a—Physics Laboratory.....	1	Physics 3b—Physics Laboratory.....	1
Physical Education.....		Physical Education.....	
Military Science (for Men).....		Military Science (for Men).....	
Electives <sup>3</sup> .....	3	Electives <sup>3</sup> .....	2
<i>Total</i> .....	16	<i>Total</i> .....	15

##### Third Year

Chem. 36—Organic Chemistry.....	3	Chem. 42—Physical Chemistry.....	3
Chem. 37—Organic Chemistry Lab...	2	Chem. 43—Physical Chemistry Lab.	1
Chem. 40—Physical Chemistry.....	3	Chem. 93b—Chemical Literature....	1
Chem. 41—Physical Chemistry Lab...	1	Electives <sup>3</sup> .....	11
Chem. 92—Chemical Literature.....	1		
Econ. 2—Elements of Economics....	3		
Electives <sup>3</sup> .....	3		
<i>Total</i> .....	16	<i>Total</i> .....	16

##### Fourth Year

Chem. 27—Quantitative Analysis....	3	Electives <sup>3</sup> .....	16
Chem. 95a—History of Chemistry...	2		
Electives <sup>3</sup> .....	11		
<i>Total</i> .....	16	<i>Total</i> .....	16

<sup>1</sup>All students with entrance credit in chemistry are required to take a proficiency examination before registering for Chemistry 8a. Those who do not show the necessary proficiency will be placed in Chemistry 1 or 2, after which they will take Chemistry 6 and 10. For students without entrance credit in chemistry, the required sequence is Chemistry 1, 6, and 10.

<sup>2</sup>For students who do not take Math. 10a-10b, the required sequence is Math. 2 (or 3), 4 (or 5), 6 (or 6a), 7, and 9.

<sup>3</sup>Suggested courses for electives are: Zoology 1, 2, 7; Botany 1a, 1b; English 20a, 20b; Geology 20, 43; History 3a, 3b; Bacteriology 5a, 5b; German or French. Of the total electives for graduation, at least 21 hours should be from advanced courses in chemistry and at least 10 hours from courses offered by other departments. With the permission of the adviser, students may substitute courses in physics, mathematics, or other closely allied sciences for a portion of the 21 hours in advanced chemistry courses.

## Curriculum in Chemical Engineering

For the Degree of Bachelor of Science in Chemical Engineering

## First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Chem. 8a—Inorganic Chemistry and Qualitative Analysis <sup>1</sup> .....	5	Chem. 8b—Inorganic Chemistry and Qualitative Analysis.....	5
Math. 10a—Freshman Mathematics <sup>2</sup> ..	5	Math. 10b—Freshman Mathematics	4
German or French.....	4	German or French.....	4
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Physical Education.....		Hygiene 5 (or 2, for Women).....	2
Military Science (for Men).....		Physical Education.....	
		Military Science (for Men).....	
<i>Total</i> .....	17	<i>Total</i> .....	18

## Second Year

Chem. 24—Quantitative Analysis....	5	Chem. 34—Organic Chemistry.....	5
Math. 8a—Differential Calculus.....	3	Math. 8b—Integral Calculus.....	3
Physics 1a—General Physics.....	4	Physics 1b—General Physics.....	4
Physics 3a—Physics Laboratory.....	1	Physics 3b—Physics Laboratory.....	1
G.E.D. 6—Elements of Drawing.....	3	T.A.M. 1—Analytical Mechanics....	2
Physical Education.....		Physical Education.....	
Military Science (for Men).....		Military Science (for Men).....	
<i>Total</i> .....	16	<i>Total</i> .....	15

## Third Year

Chem. 36—Organic Chemistry.....	3	Chem. 42—Physical Chemistry.....	3
Chem. 37—Organic Chemistry Lab... 2		Chem. 63b—Chemical Engineering..	3
Chem. 40—Physical Chemistry.....	3	M.E. 2—Steam Engineering.....	3
Chem. 41—Physical Chemistry Lab... 1		E.E. 12—Alternating Current Apparatus.....	3
T.A.M. 3—Resistance of Materials... 3		E.E. 62—D.C. and A.C. Lab.....	1
T.A.M. 63—Resistance of Mat. Lab... 1		Electives.....	5
E.E. 11—Direct Current Apparatus.. 3			
E.E. 61—D.C. and A.C. Lab.....	1		
<i>Total</i> .....	17	<i>Total</i> .....	18

## Fourth Year

Chem. 44a—Thermodynamics.....	2	Chem. 61b—Principles of Chemical Engineering.....	3
Chem. 60a—Chemical Engineering Unit Processes.....	3	Chem. 66b—Inspection Trip.....	½
Chem. 61a—Principles of Chemical Engineering.....	3	Chem. 68b—Unit Operations Laboratory.....	2
Chem. 62a—Principles of Research and Development.....	2	M.E. 61—Mechanical Engineering Laboratory.....	2
Chem. 66a—Inspection Trip.....	½	Electives <sup>3</sup> .....	10
Chem. 68a—Unit Operations Lab... 2			
Chem. 69a—Chemical Engineering Projects Laboratory.....	2		
Electives <sup>3</sup> .....	3		
<i>Total</i> .....	17½	<i>Total</i> .....	17½

<sup>1</sup>See footnote 1 on preceding page.<sup>2</sup>See footnote 2 on preceding page.<sup>3</sup>Five hours of electives must be in courses for advanced undergraduates in chemistry or chemical engineering, approved by the adviser.

## MEDICINE AND DENTISTRY

The three-year pre-medical curriculum outlined below includes the courses required for admission to the College of Medicine under the regulations governing students enrolled at Urbana for this purpose. The first two years of this curriculum will satisfy the wartime requirements for admission to the College of Medicine (see page 94).

*The work covered by the first two years of this curriculum also enables students to meet the requirements for admission to the College of Dentistry (see page 93).*

### Pre-Medical Curriculum

This curriculum, which combines three years of work in the College of Liberal Arts and Sciences with one year of work in the College of Medicine, is available to students under the following conditions:

Any freshman whose scholarship rank is in the upper half of his high school graduating class, on matriculating in the College of Liberal Arts and Sciences, is eligible for admission to the pre-medical curriculum.

A student transferring to this college with advanced standing must have maintained at least a 3.5 scholastic average, in terms of the University's grading system, in order to be admitted to the pre-medical curriculum.

At the end of each semester the scholastic averages of all students enrolled in the pre-medical curriculum are computed. Students whose scholastic average at the time of computation is below the 3.5 average required for admission to the College of Medicine are denied further registration in this curriculum, until such a time as they may have improved their average to this minimum.

Students who complete three years of the pre-medical curriculum and the first year in the College of Medicine receive the degree of Bachelor of Science from the College of Liberal Arts and Sciences. No student may receive credit toward this degree for more than one year of work done in any other college or university.

#### First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Zool. 1—General Zoology.....	5	Zool. 2—Vertebrate Zoology.....	5
Chem. 1 (or 2)—General Chem....	5 (or 3)	Chem. 5—Inorganic Chemistry.....	5
Hygiene 5 (or 2, for Women).....	2	Math. 4 (or 4a) <sup>2</sup> —Trigonometry... 2 (or 3)	2 (or 3)
Military Science (for Men).....	0-3	Military Science (for Men).....	0-3
Physical Education.....	0-3	Physical Education.....	0-3
Electives.....	0-3	Electives.....	0-3
<i>Total</i> .....	<u>15-18</u>	<i>Total</i> .....	<u>15-18</u>

#### Second Year

Physics 7a and 8a—General Physics..	5	Physics 7b and 8b—General Physics..	5
German or French <sup>3</sup> .....	4	German or French <sup>3</sup> .....	4
Chem. 22—Quantitative Analysis... 5	5	Chem. 22—Quantitative Analysis... 5	5
or Chem. 33—Organic Chemistry... 5	5	or Chem. 33—Organic Chemistry... 5	5
Military Science (for Men).....	0-3	Military Science (for Men).....	0-3
Physical Education.....	0-3	Physical Education.....	0-3
Electives <sup>4</sup> .....	2-4	Electives <sup>4</sup> .....	2-4
<i>Total</i> .....	<u>16-18</u>	<i>Total</i> .....	<u>16-18</u>

<sup>1</sup>Students having credit for chemistry in high school will register for Chemistry 2 (three hours).

<sup>2</sup>Mathematics 4, trigonometry, which is a prerequisite for physics in the sophomore year, may be taken in either the first or second semester of the freshman year, or may be replaced by an elective if the student has credit for trigonometry in high school. Mathematics 4a (three hours) will be substituted by students who have only two units of mathematics in high school.

<sup>3</sup>Two years of college work in German or French are required of students who have less than two units of entrance credit for one of these languages in high school.

<sup>4</sup>Electives in the second and third years should be arranged to satisfy the requirements for admission to the medical school which the student expects to enter. The College of Medicine of the University of Illinois requires fourteen semester hours from at least two of the following: economics, history, philosophy, political science, psychology, sociology.



## Third Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
German or French <sup>1</sup> .....	4	German or French <sup>1</sup> .....	4
Chem. 47—Physical Chemistry.....	4	Chem. 47—Physical Chemistry.....	4
or Zool. 3—Vertebrate Embryology	3	or Zool. 3—Vertebrate Embryology	3
Electives.....	8-10	Electives.....	8-10
<i>Total</i> .....	16-18	<i>Total</i> .....	16-18

## CURRICULUM IN OCCUPATIONAL THERAPY

This curriculum, which is open to both men and women, combines five semesters of work in the College of Liberal Arts and Sciences with five quarters in the College of Medicine. The work in the College of Liberal Arts and Sciences is divided into pre-professional, the first and second semesters, and professional, the third, fourth, and fifth semesters. These five semesters are outlined below. For a description of the professional work given in the College of Medicine, see page 368.

## First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Art 25—Art Form.....	5	Art 26—Art Form.....	5
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Home Econ. 52a—Textiles and Clothing.....	3	Home Econ. 52b—Decorative Processes.....	2
Hygiene.....	2	Hygiene 16—Health Factors and First Aid.....	2
Military Science (for Men).....		Military Science (for Men).....	
Physical Education <sup>2</sup> .....		Physical Education <sup>2</sup> .....	
Electives <sup>3</sup> .....	3	Electives <sup>3</sup> .....	4
<i>Total</i> .....	16	<i>Total</i> .....	16

## Second Year

O.T. 1—Occupational Therapy Orientation.....	2	Speech 16—Play Directing.....	3
Psych. 1—Introduction to Psychology	4	Sociol. 1—Principles of Sociology....	3
Art 70a—Craft Materials and Techniques.....	2	Physiol. 33—Human Anatomy.....	3
Physiol. 1—Mammalian Physiology..	3	Home Econ. 53—Weaving.....	3
L.A. 63—Garden Design.....	3	Military Science (for Men).....	
Military Science (for Men).....		Physical Education <sup>2</sup> .....	
Physical Education <sup>2</sup> .....		Electives <sup>3</sup> .....	4
Electives <sup>3</sup> .....	2		
<i>Total</i> .....	16	<i>Total</i> .....	16

## Third Year

Indus. Ed. 1—Woodwork.....	3
Psych. 36—Applied Psychology.....	2
Art 70b—Advanced Craft Materials and Techniques.....	4
P.E.W. 80—Recreation and Camp Leadership; or P.E.M. 19—Recre- ational Leadership.....	2
P.E.W. 96a—Kinesiology.....	3
Electives.....	3
<i>Total</i> .....	17

<sup>1</sup>See footnote 3 on preceding page.

<sup>2</sup>Suggested elective courses for women are Physical Education for Women 51, 72, 78, and 79. Men should consult the Department of Physical Education for Men for suggested electives.

<sup>3</sup>Suggested electives are: science (zoology preferred), foreign language, history (American, English, European, art), literature, library science, music appreciation.

## The College of Commerce and Business Administration

THROUGH KNOWLEDGE OF MODERN BUSINESS PRACTICES and the fundamental principles on which economic systems operate, the College of Commerce and Business Administration seeks to develop in students the intellectual powers necessary for administrative careers. For this purpose it offers a unified program of basic studies for underclassmen and a variety of fields of concentration for upperclassmen. Though the factual contents of many of the courses are directly useful in specific vocations—accounting, banking, selling, teaching, etc.—students should expect to serve an apprenticeship in the fields they enter after graduation from this college, if they wish to prepare themselves for higher positions. While concentrating in a special field, they are encouraged to elect courses offered in other colleges and schools of the University and to secure as liberal an education as possible, to avoid the narrowing effects of early specialization.

The program of the first two years, the *Lower Division*, is organized about a nucleus of courses in accountancy and economics, mathematics and science, language and literature, rhetoric and speech. While it is designed primarily as preparation for the third and fourth years of the curriculum, it affords a well-balanced combination of studies to those who are in college for only two years of preparation for work in the business world. Students who have completed this two-year program with a satisfactory scholastic record are qualified for admission to the *Upper Division* of the College of Commerce and Business Administration or for admission to the College of Education (page 182), or the College of Law (page 202), or the School of Journalism (page 206). (Students transferring to other colleges after completing only the two-year program of the *Lower Division* receive their degrees not from the College of Commerce and Business Administration, but from the college to which they transfer, on completing the requirements of that college. For degrees from both the College of Commerce and Business Administration and the College of Law, see the field of Commerce and Law, page 143.)

The program of the next two years, the *Upper Division*, provides nine fields of concentration, each student choosing the field he prefers: (1) accountancy, (2) banking and finance, (3) commerce and law, (4) commercial teaching, (5) economics, (6) industrial administration, (7) management, (8) marketing, (9) public affairs. These fields overlap to some extent in that they deal with the common problems of living and working in a business environment, and they are distinguished chiefly by their separate points of view and by the ultimate objectives of those who elect these fields. The program leads to the degree of Bachelor of Science in the field chosen.

To succeed in any field of this program, a student should be well prepared in the basic work of the Lower Division or have equivalent training elsewhere. To be admitted to the Upper Division, each student must have at least 60 hours of credit, including the courses prescribed in the Lower Division, with not more than 15 hours of "D." Students transferring from other colleges and universities are given full opportunity to make up any Lower Division courses in which they may be deficient, without delay in their progress toward a degree.

Students in this college who intend to enter the Graduate School (page 216) are advised to arrange their programs so as to include the courses that are prerequisite for graduate work and to acquire a reading knowledge of French and German. A course of study which is substantially equivalent to a fifth year of work in the departments of this college, and which leads to the degree of Master of Business Administration, is available in the Graduate School as stated on page 246.

For *admission*, see page 81; for regulations concerning *unclassified students*, see page 89; for general University requirements for *graduation*, see page 96; for *prizes*, see page 120; for *clubs and societies*, see page 112; for *fees*, see page 100; for *special conferences and short courses* sponsored by this college, see page 434.

### Departments and Divisions

Instruction in this college is organized in two departments: (1) the Department of Business Organization and Operation, which is subdivided into the division of business organization and operation, the division of accountancy, and the division of business law; and (2) the Department of Economics.

The division of business organization and operation conducts courses in the organization and management of manufacturing industries, distributing agencies, and merchandising enterprises, the principles and methods of advertising, marketing, purchasing, and selling.

The division of accountancy conducts courses in general principles of accounting, auditing, cost accounting, income tax procedure, governmental accounting, budget control, and accounting systems.

The division of business law conducts courses dealing with phases of law closely allied to business, such as contracts, agency, and other subjects.

The Department of Economics offers courses in economic history and theory, domestic and foreign commerce, banking and finance, public utilities and transportation, personnel administration, insurance, and statistical methods. In this department a professorship in the economics of public utilities and transportation is maintained by an endowment from the late Honorable William B. McKinley, United States Senator from Illinois. This department cooperates with others in the Division of Social Sciences in the College of Liberal Arts and Sciences, and students in that college may make economics their major subject.

Many of the courses offered in the College of Commerce are open to students in other undergraduate colleges and schools of the University, and to graduate students.

For the *Bureau of Economic and Business Research*, which is administered as a department of this college, see page 446.

### Requirements for Graduation

#### *For the Degree of Bachelor of Science*

A candidate for the degree of Bachelor of Science in a field of the College of Commerce and Business Administration must (1) meet the general University requirements with respect to registration, residence, scholarship, and fees; (2) have a minimum of 130 semester hours of credit, including credit for the required work in rhetoric, hygiene, physical education, and military science, and including a minimum of 60 hours in courses given in this college (except that in the field of commerce and law this shall be 45 hours and in industrial administration it shall be 50 hours); and (3) complete the requirements of one of the fields of concentration described below, with an average grade of not less than "C" in the courses taken at the University of Illinois while registered in a field of concentration.

Program for the Lower Division<sup>1</sup>*(Freshman and Sophomore Years)*

## First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Econ. 22—Economic History of U.S.	3		Econ. 27—Introduction to Business	3	
Accy. 1a or 1e—Prin. of Accounting	3 or 2		Accy. 1b—Accounting Procedure	3	
Rhet. 1—Rhetoric and Composition	3		Rhet. 2—Rhetoric and Composition	3	
Science and/or College Algebra <sup>2</sup>	5-8		Science and/or College Algebra <sup>2</sup>	3-5	
Military Science (for Men)	1		Hygiene	2	
Physical Education	1		Military Science (for Men)	1	
			Physical Education	1	
<i>Total</i>		16-18	<i>Total</i>		16-18

## Second Year

Econ. 1—Principles of Economics	5		Econ. 70—Elementary Statistics	3	
Accy. 2a—Cost Accounting	3		Accy. 2b—Intermediate Accounting	3	
Language or Literature <sup>3</sup>	4		Language or Literature <sup>3</sup>	4	
Rhet. 10—Business Letter Writing <sup>4</sup>	2		Rhet. 10—Business Letter Writing <sup>4</sup>	2	
or Speech 1—Effective Speaking	3		or Speech 1—Effective Speaking	3	
Military Science (for Men)	1		Military Science (for Men)	1	
Physical Education	1		Physical Education	1	
			Elective	2-5	
<i>Total</i>		16-17	<i>Total</i>		16-18

## Program for the Upper Division

*(Fields of Concentration for the Junior and Senior Years)*

(See Requirements for Graduation on preceding page)

**Accountancy.**—For those who are preparing to follow industrial or public accounting.

*Primary List:* At least 43 hours, including not less than 18 hours in accountancy and including the courses listed as required, must be selected from the following. *Required:* Accountancy 3a, 3b, 5a, 5b, 20; Economics 3, 10; Business Law 1a, 1b; Rhetoric 22; B.O.O. 1, 2. *Elective:* Accountancy 4a, 4b, 13, 30; Economics 11, 36, 71; Business Law 10.

*Secondary List:* Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

**Banking and Finance.**—For those who are preparing to enter banking or finance.

*Primary List:* At least 21 hours including the courses listed as required must be selected from the following. *Required:* Economics 3, 10, 11; B.O.O. 1, 2. *Elective:* Economics 71; Business Law 1a, 1b, 10; Accountancy 4b, 30.

<sup>1</sup>This Lower Division program applies to all fields except Commercial Teaching. For the requirements in that field, see page 144.

<sup>2</sup>*Mathematics and Science.*—All first-year students must elect College Algebra. They must elect sufficient courses in mathematics (including college algebra) or science to amount to 5 or more hours each semester, or a total of 10 hours for the year. These courses may be taken from the following subjects: astronomy, bacteriology, botany, chemistry, entomology, geography, geology, mathematics, physics, physiology, zoology.

<sup>3</sup>*Language.*—Students must obtain credit in at least 8 hours of English literature, or obtain a reading knowledge of a modern foreign language (French, German, Italian, Spanish) equivalent to that resulting from four semesters of study of a foreign language when commenced in college. For the purpose of this requirement a candidate is assumed to have a reading knowledge of a modern foreign language if he has passed French 2b, German 5 or 6, Italian 2b, Spanish 2b, or a more advanced course in any of these languages, or if he has passed a proficiency examination equivalent to the final examination given in any of these courses. Students expecting later to elect *Government Foreign Service* as a field of concentration (see Public Affairs, page 144) or *Foreign Trade* as a field of concentration (see Marketing, page 144) must choose the foreign language option.

<sup>4</sup>*Rhetoric and Speech.*—Students taking Rhetoric 10 (Business Letter Writing) the first semester must take Speech 1 the second semester; those taking Speech 1 the first semester must take Rhetoric 10 the second semester.

**Secondary List:** Fifteen hours of electives must be chosen from history, philosophy, political science, psychology, sociology.

**Technical List:** At least 15 hours must be selected from courses in either or both of the following two groups (A and B).

(A) BANKING.—Economics 5, 6, 8, 9; Mathematics 23; Agricultural Economics 15.

(B) FINANCE.—Economics 6, 36, 51, 55, 81, 92; Accountancy 3a; Mathematics 23.

**Commerce and Law.**—For those who wish to combine commercial and legal studies and obtain both the degrees of Bachelor of Science and Bachelor of Laws in six years (see also requirements for graduation from the College of Law, page 205). In their fourth years, students who have earned at least 100 credit hours in pre-law work will be regularly registered in the College of Law, but must file copies of their study-lists in the office of the Dean of the College of Commerce and Business Administration at the beginning of each semester. In this field, no credit is given for business law taken in the College of Commerce and Business Administration.

**Primary List:** A sufficient number of hours must be selected from the following courses, including Economics 3, to make a total of at least 45 hours for the three years of work in the College of Commerce. *Required:* Economics 3. *Elective:* Economics 10, 25, 42, 44, 51, 61, 65, 92; Accountancy 3a, 13, 20; B.O.O. 1, 2, 20.

**Secondary List:** Twelve hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

**Technical List:** Thirty hours of law are required in the fourth year.

**Commercial Teaching.**—For complete program, see page 144.

**Economics.**—For those who desire a broad undergraduate preparation in economics. Students who contemplate graduate work in economics should elect this field of concentration.

**Primary List:** Thirty-six hours must be selected from at least four of the following groups (A-G), including the courses shown as required.

(A) ECONOMIC THEORY AND HISTORY.—*Required:* Economics 3, 61. *Elective:* Economics 19, 20, 24, 25, 44, 65.

(B) FINANCE AND BANKING.—*Required:* Economics 3, 10. *Elective:* Economics 5, 6, 8, 9, 11, 36; B.O.O. 2.

(C) UTILITIES AND TRANSPORTATION.—*Required:* Economics 92; *Elective:* Economics 81, 82, 83, 96.

(D) INSURANCE AND STATISTICS.—*Elective:* Economics 54, 55, 56, 71, 72.

(E) FOREIGN TRADE.—*Required:* Economics 29. *Elective:* Economics 30, 31; B.O.O. 2.

(F) LABOR.—*Required:* Economics 41. *Elective:* Economics 42, 43; B.O.O. 1.

(G) PUBLIC FINANCE.—*Required:* Economics 3, 51. *Elective:* Economics 52.

**Secondary List:** Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

**Industrial Administration.**—For those who desire to combine commerce with engineering or with other technical work.

**Primary List:** *Required:* B.O.O. 1, 2, 4, 14, 15; Business Law, 1a, 1b; Economics 10, 41; Rhetoric 22.

**Secondary List:** Eight hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

**Technical List:** At least eighteen hours of approved technical electives as shown below must be taken. At the time of declaring the field of concentration near the end of the sophomore year, a petition should be filed in the office of the College of Commerce and Business Administration, designating the objective which prompts selection of this field, and indicating the technical electives to be taken in satisfaction of this requirement. Approval of this petition is necessary for graduation in industrial administration. The technical electives follow:

Accountancy 4a, 30.

Architecture 43, 44, 45, 46, 47, 48, 57, 58.

Business Organization and Operation 7,  
8, 17, 18, 20, 22, 90a-90b, 91a-91b.

Chemistry—All courses.

Civil Engineering 1, 20, 22, 25, 30, 31,  
60, 62, 63, 64, 65, 66, 90, 91.

Dairy Husbandry—All courses.

Economics 43, 65, 90a-90b, 91a-91b, 92, 93, 96.

Electrical Engineering—All courses.

General Engineering Drawing—All courses.

Geology 1, 1a, 2a, 20, 33, 39, 95, 96.

Mechanical Engineering—All courses.

Mining Engineering—All courses.

Theoretical and Applied Mechanics—All courses.

**Management.**—For those who desire a broad undergraduate preparation in management. (For Personnel Management, see page 145.)

*Primary List:* At least 34 hours including the courses shown as required must be selected from the following. *Required:* B.O.O. 1, 2; Economics 3, 10; Business Law 1a, 1b. *Elective:* Accountancy 4a, 4b, 30; B.O.O. 3, 4, 7, 8, 14, 15, 20, 24; Economics 11, 30, 31, 41, 43, 51, 61, 92.

*Secondary List:* Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

**Marketing.**—For those who are preparing to enter some branch of distribution.

*Primary List:* At least 22 hours including the courses shown as required must be selected from the following. *Required:* B.O.O. 1, 2, 7; Economics 3, 10; Business Law 1a. *Elective:* B.O.O. 3, 8, 17, 20, 25, 30, 32; Economics 30, 43, 92; Business Law 1b.

*Secondary List:* Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

*Technical List:* At least 12 hours must be selected from the following groups (A-E), preferably in one or two groups only. No course may be counted as satisfying the requirements in both the primary and the technical lists.

(A) SELLING AND MERCHANDISING.—B.O.O. 3, 8, 17, 20, 22, 24; Speech 2.

(B) ADVERTISING.—B.O.O. 8, 18, 22, 26, 33, 34; Rhetoric 21, 22.

(C) FOREIGN TRADE.—Foreign language; Economics 8, 24, 29, 30, 31, 94; Political Science 6a.

(D) TRANSPORTATION.—Economics 92, 93, 96.

(E) AGRICULTURAL MARKETING.—Agricultural Economics 14, 30, 34, 36, 37.

**Public Affairs.**—For those who are preparing to enter some branch of public service.

*Primary List:* At least 18 hours including the courses shown as required must be selected from the following. *Required:* Economics 51, 65. *Elective:* Economics 3, 10, 29, 41, 52, 81, 92; B.O.O. 2.

*Secondary List:* Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.

*Technical List:* At least 15 hours must be selected from the courses listed under one of the following groups (A-C). Other courses necessary for graduation shall be chosen with consent of the adviser to this field of concentration. No course may be counted as satisfying the requirements in both the primary and the technical lists.

(A) GENERAL SERVICE.—Courses must be chosen from economics, accountancy, or business organization and operation, to prepare the student for the type of work which he plans to enter, such as trade and civic secretarial service, management of a public industry, management of a governmental unit, or service in the tax, banking, labor, insurance, or other governmental departments.

(B) GOVERNMENT FOREIGN SERVICE.—Foreign language; Economics 6, 8, 24, 31; Political Science 6a, 6b, 7, 8; B.O.O. 2, 7, 8; History 29, 32b.

(C) SOCIAL SERVICE.—Economics 42, 43, 55; Psychology 1; Political Science 12, 13; Sociology 1, 2, 3, 4, 8, 9.

### Program in Commercial Teaching

The following four-year program is designed for those who are preparing to teach commercial subjects in the secondary schools. The program as outlined complies with the requirements of the new law in Illinois for certification of teachers.

## Lower Division

## First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Econ. 22—Economic History of U. S....	3	Econ. 27—Introduction to Business..	3
Accy. 1a or 1e—Prin. of Accounting..	3 or 2	Accy. 1b—Accounting Procedure....	3
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Business Computations or College Algebra.....	3 or 5	Geog. 2—Economic Geography.....	5
Geog. 1a—Elements of Geography <sup>1</sup> ...	3	Hygiene.....	2
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
<i>Total</i> .....	15-17	<i>Total</i> .....	17-18

## Second Year

Econ. 1—Principles of Economics....	5	Econ. 70—Elementary Statistics....	3
Accy. 2a—Cost Accounting.....	3	Accy. 2b—Intermediate Accounting..	3
Natural Science.....	3	Engl. 13—American Literature.....	2
Rhet. 10—Business Letter Writing... 2		Speech 1—Effective Speaking.....	3
Engl. 12—American Literature.....	2	Military Science (for Men).....	1
Military Science (for Men).....	1	Physical Education.....	1
Physical Education.....	1	Elective.....	2 to 5
<i>Total</i> .....	16-17	<i>Total</i> .....	15-18

## Upper Division

*Primary List:* At least 19 hours including the courses shown as required must be selected from the following. *Required:* Business Law 1a, 1b; B.O.O. 2, 7. *Elective:* Economics 3, 15, 51, 65; B.O.O. 3, 8, 18; Accy. 3a, 4a, 4b, 13, 30; Math. 23 (for minor in Math.).

*Secondary List:* Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology. Education 25 may be counted as psychology in meeting the requirements of this secondary list.

*Technical List:* At least 28 hours, including the courses shown as required must be selected from the following. *Required:* Education 6, 10, 25, and related Educational Practice Courses; B.O.O. 12a, 12b, 13a, 13b. *Elective:* Education, 2 hours.

## Program in Personnel Management

For students who wish to study the problems which arise out of the relationships between employer and employee, or who wish to prepare themselves for affiliation with personnel departments in industry, commerce, or public or private institutions, a series of integrated courses has been arranged as shown below.

## Lower Division

The requirements for the first two years are the same as for all other students in this College (page 142).

## Upper Division

*Primary List: Required:* B.O.O. 1; Business Law 1a or 2; Economics 41, 43; Psychology 10.

*Secondary List: Required:* Division of General Studies 7a or Psychology 1; Political Science 1a, 1b; Sociology 1.

*Technical List:* At least 18 hours must be chosen from one of the following groups, including the courses indicated as required.

(A) INDUSTRIAL.—*Required:* B.O.O. 14; Economics 54. *Elective:* B.O.O. 2, 4, 15; Economics 3, 10, 42, 71; Education 53, 55; History 3a, 3b; Mechanical Engineering 87; Psychology 23, 34, 43.

<sup>1</sup>Students who choose algebra and take the five-hour course may find it necessary to postpone Geography 1a.

(B) MERCHANDISING.—*Required*: B.O.O. 2; Economics 54. *Elective*: B.O.O. 3, 7, 8, 17, 20, 30; Economics 10, 65, 71; Education 55; History 3a, 3b; Psychology 23, 34, 43.

(C) ADMINISTRATION.—*Required*: Economics 51; Political Science 12a. *Elective*: B.O.O. 2; Economics 3, 40, 44, 65, 71; Education 55; History 3a, 3b; Political Science 4, 11, 12b; Psychology 23, 34, 43; Sociology 18, 19.

### Economic and Business Aspects of Aviation

Three new courses have been designed dealing with the economic and business aspects of aviation, namely: Economic Problems of Commercial Air Transport, Airport Management, and Airline Management.

These three courses are not the only ones offered in the College of Commerce for those who wish to prepare themselves adequately for responsible positions in this new and important phase of business. Other courses offered in the College which deal with problems and principles of management of any business would naturally form the core of the subject matter for a course of study in preparation for positions of responsibility in any one of the several business phases of aviation.

As a background for the courses dealing specifically with aviation, the student would have available general courses in business law, business English, labor problems, accountancy, banking, statistics, economic principles, and others.

The University of Illinois owns its own airport, approximately 800 acres in size, near the campus. Transcontinental airline companies have applied for landing privileges at the airport as one of their regular stops in commercial service after the war and have indicated a desire for some cooperative arrangement whereby students can work part time, either at the airport or in airline offices only an hour or two distant by airplane from the campus, while pursuing their college courses. Such cooperation might in some cases take the form of alternate semesters in practical application and University study.



## The College of Engineering

TO PREPARE MEN FOR PROFESSIONAL WORK IN ENGINEERING and for responsible positions of a technical and semi-technical character in industry, commerce, and government, the College of Engineering provides training in the mathematical and physical sciences and their applications to the design, construction, and operation of industrial plants and public and private works of all kinds. The curricula in this college, though widely varied and specialized, are built on a general foundation of scientific facts and theories applicable to many different fields. Work in the classrooms, laboratories, shops, and drafting rooms is correlated by practical problems which the students solve by methods similar to those of practicing engineers.

In addition to the fundamental and technological courses in each curriculum, some cultural courses are required, such as history, economics, and rhetoric, and others are elective, so that each student may broaden his program. Thus training for the practice of engineering as a profession is supplemented by an understanding of human relationships, an appreciation of economic factors in industrial and public works enterprises, and an insight into regional and national problems of production and distribution of goods.

While each student pursues a curriculum of his own choice according to the field of his particular interest, all the students take certain courses in common. Freshmen attend a series of orientation lectures that afford wide views of the various branches of engineering. Basic courses in mathematics, chemistry, physics, rhetoric, and drawing are required in the first two years. Although the curricula are progressively specialized in the third and fourth years, each student is required to take some courses outside his main field.

Besides courses in the history and economics of industry, transportation, and public and private engineering works, in industrial relations, and in business law—which are essential to the engineer—numerous courses in accountancy, business organization and operation, liberal arts and sciences, theory and appreciation of architecture, art, and music, and the history, principles, and methods of education, are available as non-technical electives to be counted toward graduation.

The Engineering Library, on the first and second floors of Engineering Hall, contains the reference books, periodicals, catalogs, and technical publications which the students need constantly, and also provides for general reading and private research.

Many of the courses in the College of Engineering are particularly adapted to the needs of students in the specialized training programs of the Army and the Navy.

Most of the departments in this college offer courses for graduate students as well as for undergraduates. Some of the undergraduate courses may be taken for credit in the Graduate School (page 216).

For *admission*, see page 81; for regulations concerning *unclassified students*, see page 89; for a list of the *buildings* used by this college, see page 68; for *collections* related to it, see page 75; for *clubs and societies* auxiliary to its curricula, see page 112; for *fees*, see page 100; for *prizes*, see page 120; for general University requirements for *graduation*, see page 96; for *professional degrees in engineering*, see page 218; for *special conferences and short courses*, see page 434; for the *Engineering Experiment Station*, see page 442.

### Curricula in Engineering

The four-year curricula for students of engineering (as described and outlined on the following pages) are:

*Aeronautical engineering*, administered by the Department of Aeronautical Engineering.

*Agricultural engineering*, administered by the College of Engineering with the College of Agriculture cooperating.

*Ceramic engineering*, administered by the Department of Ceramic Engineering.

*Chemical engineering*, administered by the College of Liberal Arts and Sciences.

*Civil engineering*, administered by the Department of Civil Engineering.

*Electrical engineering*, administered by the Department of Electrical Engineering.

*Engineering physics*, administered by the Department of Physics.

*General engineering*, administered by the College of Engineering.

*Mechanical engineering*, administered by the Department of Mechanical Engineering.

*Metallurgical engineering* and *mining engineering*, administered by the Department of Mining and Metallurgical Engineering.

*Public health engineering*, administered by the Department of Civil Engineering with the College of Medicine cooperating.

*Sanitary engineering*, administered by the Department of Civil Engineering.

Each student entering the College of Engineering declares his choice of a curriculum. Except where stated in the outline of a curriculum, such as ceramic engineering, all first-year students follow the Common Program for Freshmen shown on page 153.

At the beginning of any semester of the first two years, any student is free to change from one curriculum to another without loss of much, if any, credit for the work he has done. Students who are not far advanced in this college may transfer to other colleges without much loss of time in their progress toward degrees.

*Special Curricula.*—Students of high scholastic achievement, with exceptional aptitudes and interests in special fields of engineering science and its application, may be permitted to vary the course content of the standard curriculum of the department in which they are registered, with the purpose of emphasizing some phases which are not included in the standard curriculum or which can not be encompassed by the usual procedure of course substitution and selection of electives. These unwritten curricula, however, include all the fundamental courses of the standard curricula, the variations being made mainly in the so-called "applicatory" portions of the standard curricula of the college. The program of studies of each student permitted to take such a special curriculum must be approved by a committee of the college, of which the associate dean is chairman, in consultation with the head of the department in which the student is registered and with a professor of the college particularly interested in the field which the student intends to emphasize. This professor automatically becomes the student's adviser in charge of registration and other matters pertaining to the approved program.

### Degrees

Students in the College of Engineering who meet the University's general requirements with respect to registration, residence, and fees, and who maintain satisfactory scholastic records in this college, are awarded degrees appropriate to their curricula. Each curriculum requires a minimum of 136 semester hours of credit, not counting the required work in military science and physical education.<sup>1</sup>

Each curriculum leads to the degree of Bachelor of Science and may ordinarily be completed in four years. A graduate of one curriculum ordinarily can qualify for another baccalaureate degree by doing a fifth year of work, consisting of 30-36 semester hours, acceptable to the faculty of this college, providing plans have been made looking toward such an arrangement at the beginning of his junior year.

A graduate of the College of Liberal Arts and Sciences, or any other college of equal standing, who has adequate training in mathematics, physics, and mechanics to enable him to begin the junior year of a curriculum in the College of Engineering,

<sup>1</sup>Credit toward graduation will be granted for the additional courses in physical education which are required of all men students during the war. (See page 96 for University regulations.)

can usually qualify for the degree of Bachelor of Science from this college by two years of work.

### Special Requirements

All freshmen in the College of Engineering are required to attend the series of lectures on general engineering subjects, which are scheduled each week throughout the academic year.

*Foreign Language.*—In any curriculum requiring French or German, a student who has been admitted to the University with credit for one or more years of secondary school work in either or both of these languages may count each unit of his entrance credit as equivalent to one semester of university work in excusing him from the required language. Only whole units may be so counted. In the place of the language requirement thus fulfilled, the student must take additional electives approved by the faculty of this college.

*Inspection Trips.*—Seniors in the College of Engineering are required to make a trip for inspection of industrial establishments and engineering enterprises, in the fields of their major interests. The students who are about to be graduated, and other students who obtain permission of the general committee in charge of this trip, travel in groups, under the supervision of faculty members. The trip usually occupies from three to four days and involves an expense of approximately \$20 to each student.

*Rhetoric.*—All students are required to meet the general requirements of the University concerning rhetoric (page 96). Rhetoric 1 and 2 are prerequisite to junior standing in this college.

*Thesis.*—A senior of high standing in any curriculum, with the approval of the department concerned, may substitute for one or more technical courses an investigation of a special subject and write a thesis on his results.

### Electives and Options

Non-technical electives for students in the College of Engineering include all courses offered in the College of Liberal Arts and Sciences and in the College of Commerce, the general courses in the College of Education, courses numbered 1 to 14 in the School of Music, Architecture 11 and 12, Art 12-19, Landscape Architecture 11, and the six courses in Engineering numbered 10, 20, 39, 40, 41, and 92. Field survey courses may be used in place of the non-technical and approved electives in any curriculum. Students electing the third and fourth years of military science may count the credit they receive in place of approved and non-technical electives to an amount equal to the total of these electives stated in each curriculum.

*Technical electives* include all courses in the College of Engineering not required in the student's curriculum, excepting General Engineering Drawing 1, 2, 4, 6, 7, and 8, and Engineering 10, 20, 39, 40, 41, and 92.

*Approved electives* include all technical and non-technical electives as defined above and other courses designated as approved electives in the outlines of curricula.

*Technical options* are restricted to courses of a technical character as listed under this classification by each department.

### Departments and Equipment

The College of Engineering includes, besides the departments named in the following paragraphs, the Department of General Engineering Drawing, with offices and drafting rooms in the Transportation Building, in which courses for students in all curricula are conducted. For convenience, these paragraphs also mention the work in chemical engineering, which is administered by the College of Liberal Arts and Sciences.

**Aeronautical Engineering.**—The curriculum in aeronautical engineering is offered primarily to train students in the fundamental principles of airframe and aircraft power plant design and construction. However, the courses included in the required portion of the curriculum are intended to prepare students for any of the several technical divisions of the aircraft industry, and to provide sound training in engineering fundamentals which can be applied to practice in allied engineering fields. Provisions for elective courses enable the student to select courses of study in the

fields of airplane design, aircraft power plant design, airplane production and maintenance engineering, and airline engineering. Specialization is not encouraged in the undergraduate program but graduate study and research may be pursued in aerodynamics, aircraft structures, and specialized phases of the divisions previously listed.

The first six semesters of this new curriculum were offered in the spring of 1945. The remaining two semesters of the curriculum will go into effect progressively, semester by semester.

Aeronautical engineering laboratory facilities will include an aerodynamics laboratory equipped for wind tunnel and visual flow experiments; an aircraft physical testing laboratory for static and dynamic testing of aircraft parts and assemblies; an aircraft power plant laboratory equipped for instruction and research in reciprocating engines, gas turbines, and jet propulsion; other specialized laboratories for work with aircraft instruments, aircraft hydraulic and electric systems, cabin atmospheric control, and general accessories.

The University Airport, with three concrete runways each 5,300 feet long and 150 feet wide, one turf runway 4,000 feet long and 150 feet wide, and 12,000 feet of concrete taxiway 50 feet wide, provides one of the most modern university laboratories of this type in the country. Contemplated construction at the airport includes buildings for education and research, airport administration, and hangars for storage and maintenance of private, commercial, and military flight equipment. In addition to the facilities for technical work in aeronautical engineering, the airport provides an excellent laboratory for education and research in many fields connected with air transportation. Private, government sponsored civilian, and military flight training programs may be conducted at the airport thus making it possible for students in any division of the University to receive this type of instruction if they so desire. Commercial activities at the airport will give students an opportunity to secure additional practical information in many phases of air transportation.

**Agricultural Engineering.**—The curriculum in agricultural engineering, with an option in machinery and power, and another option in construction and drainage, includes fundamental courses in the College of Engineering and in the College of Agriculture. For a description of this department see page 168.

**Ceramic Engineering.**—The courses in the Department of Ceramic Engineering deal with the general scientific principles underlying a wide variety of industries in which the raw materials are largely non-metallic minerals, generally silicates. The ceramic industries include the manufacture of brick, tile, and other structural clay products; pottery articles of all types; fire brick and other refractories; glass; vitreous enamels; abrasives; cements, and other products.

Training in ceramic engineering prepares a man for positions of responsibility in the investigation of the physical and chemical properties of raw materials and ceramic products; in the technical control and supervision of processing and manufacturing operations; in the design and erection of kilns, dryers, and other plant equipment; in research and development of new processes and products; and in engineering service in connection with the sale and uses of ceramic materials, products, and processing equipment. Some opportunity for specialization in a particular field of ceramics is provided in elective courses in the curriculum.

The Ceramics Building provides well-equipped laboratories for student instruction and for research, classrooms, offices, library, and museum displays. The adjoining Kiln Laboratory is equipped with a variety of kilns and furnaces for ceramic firing operations as well as machinery for the grinding of materials and for the production of structural clay products.

**Chemical Engineering.**—The courses in chemical engineering, which are conducted by the Department of Chemistry in the College of Liberal Arts and Sciences, prepare students to evaluate results obtained in the laboratory and to translate them, through a series of developmental stages, into commercial large-scale processes; to improve existing plants; to develop new commercial products; to design new equipment; and to operate and supervise plants in which chemical processes take place. The curriculum offers a thorough training in the fundamental sciences of chemistry, mathematics, and physics, and their application to industry in a wide variety of fields.

The chemical engineering laboratories are in the William Albert Noyes Laboratory of Chemistry and in several smaller buildings constructed for special investigations. The equipment in these laboratories is extensive, and in addition other equipment

of the Department of Chemistry is available for use of students in the curriculum in chemical engineering.

**Civil Engineering.**—The curriculum in civil engineering offers a systematic training in the principles underlying the design and construction of bridges, buildings, dams, retaining walls, and other structures; highways; water supply and sewage disposal systems; hydraulic engineering works, etc. Opportunity is offered in the senior year for a certain amount of specialization in some of the more important branches of civil engineering by the options in structural engineering, highway engineering, hydraulic engineering, railway engineering, and sanitary engineering.

Engineering Hall provides ample space for the departmental offices, classrooms, and the senior and junior drafting rooms. An individual desk, available at all times, is provided for each student. In the corridors of this building there is a comprehensive exhibit of large pictures illustrating outstanding civil engineering works.

The Surveying Building contains recitation and drafting rooms and instrument lockers. It is located close to the surveying practice fields.

The Arthur Newell Talbot Laboratory houses laboratories of the Departments of Civil Engineering and Theoretical and Applied Mechanics. The concrete laboratory is provided with the facilities necessary for the study of the proportioning and mixing of concrete and of its physical properties. The highway laboratories are equipped for tests on bituminous and non-bituminous highway materials. The structural laboratory has testing machines varying in capacity from thirty thousand pounds to three million pounds and all of the necessary instruments for making a complete study of the behavior of structural materials under stress. The subgrade soils laboratory has apparatus for making the routine physical tests as outlined by the U. S. Bureau of Public Roads. In all of these laboratories provision is made for research and graduate work as well as for the undergraduate work.

The Sanitary Engineering Laboratory is equipped to conduct tests in the field of sanitary engineering, including water supply, distribution, and purification; sewerage and sewage treatment; and stream pollution. The University Water Works, the local works of the Illinois Water Service Co., and the sewage treatment works of the Urbana-Champaign Sanitary District provide opportunities for practice and study.

**Electrical Engineering.**—For those who choose the curriculum in the theory of applied electricity the first two years of work are substantially the same as in other engineering curricula, including work in drafting room and shop, and instruction in the principles of mathematics and physics. In the second year a course in commercial and industrial wiring and illumination is offered. In the third year, courses are offered in circuit analysis, applied electronics, and the theory of direct current apparatus, with laboratory work which emphasizes principles. Technical courses, accompanied by laboratory exercises, covering the generation, transmission, and distribution of electric power, and its various applications are offered in the fourth year. Investigations of problems of power distribution and control and of communication are made in advanced laboratory and thesis work. In the fourth year, advanced courses covering the principles of electronics and radio communication are offered. The electronics and radio laboratories are well equipped with apparatus.

The Electrical Engineering Laboratory is supplied with power by the Power Plant of the University. The Electrical Engineering Annex contains the high voltage laboratory, with equipment for experimental work up to 300,000 volts, the illumination laboratory containing complete equipment for the demonstration of illumination principles, and the photometry laboratory.

**Mechanical Engineering.**—The courses in the Department of Mechanical Engineering present the theory and practice of the generation and transmission of power, and of the design, construction, operation, and testing of machinery of all kinds. In the laboratories emphasis is given to the engineering and economic principles of machine operation, performance, and construction, and to problems of shop management.

The Mechanical Engineering Laboratory is equipped with machines and testing instruments for instruction in steam engineering, gas power engineering, refrigeration, heating, ventilating, and air conditioning.

The Shop Laboratories are provided with machinery and apparatus to illustrate the process of the manufacture of machinery. These laboratories include the Pattern Laboratory, the Foundry Laboratory, the Heat Treatment Laboratory, the Welding Laboratory, and the Machine Tool Laboratory.

**Mechanics, Theoretical and Applied.**—The courses in theoretical and applied mechanics are designed to meet the needs of students of engineering and of other colleges in which a knowledge of the laws of mechanics is important.

The Arthur Newell Talbot Laboratory houses the laboratories of the Departments of Theoretical and Applied Mechanics and Civil Engineering. In the applied mechanics laboratory the student makes all of the usual tests of strength of materials. The hydraulics laboratory has facilities for supplying and measuring water under a large range of pressure and volume. The fatigue of metals laboratory contains many machines of various types for testing specimens under repeated loading and under conditions of high temperature. The concrete laboratory has facilities for testing cement and aggregates and for making, curing, and testing mortars, concrete, and reinforced concrete. The structural laboratory is equipped with testing machines varying in capacity from thirty thousand to three million pounds and all the necessary instruments for making complete studies of the behavior of structural materials under stress. In these laboratories there is provision for research and graduate work in addition to the undergraduate work.

**Mining and Metallurgical Engineering.**—The Department of Mining and Metallurgical Engineering offers two curricula, as follows:

**Mining Engineering.**—The curriculum in mining engineering is designed for student instruction in the fundamental engineering problems dealing with the extraction of coal and minerals from the earth, and the preliminary preparation of these substances for use in our modern-day civilization. To the preliminary courses in mathematics, physics, chemistry, general engineering drawing, and mechanics, common to all curricula in engineering, the department adds specialized courses in mine surveying, mining methods, prospecting, mine examination, mine ventilation, coal preparation, mineral dressing, mine administration, and design of mine plants. Interwoven with the departmental program is a series of required courses which provides a broad engineering background for the student. The inclusion of elective courses in the curriculum offers flexibility in caring for the needs of the individual students.

**Metallurgical Engineering.**—This curriculum maintains a proper balance between process metallurgy and physical metallurgy. It is intended to prepare students for entrance, on graduation, into either branch of the industry, and to afford those whose interest lies in advanced study and research a broad foundation for the successful prosecution of graduate work in metallurgy. To this end the regular engineering fundamentals are retained, and specialized courses are provided in the principles of metallurgy, physical metallurgy, ferrous and non-ferrous metallurgy, metallography, physical-chemical treatment, electrometallurgy, furnace design, and the heat treatment of metals and alloys.

The Mining and Metallurgical Laboratories include the sampling and grinding laboratory, the chemical and physical laboratory, the coal preparation and ore dressing laboratory, the ventilation laboratory, the metallurgical laboratory, the metallographic laboratory, the electrometallurgical laboratory, and the furnace and heat treating laboratory.

**Physics.**—The Department of Physics offers a curriculum in engineering physics, designed to give students the broad and thorough training in fundamental physics and mathematics which is demanded by the increasing complexity of modern engineering practice. The work of the first two years is much like that in the other engineering curricula; in the last two years advanced courses in physics, mathematics, and chemistry are emphasized, but there is a liberal allowance of electives which the student may use to study the field of engineering in which he is especially interested. The details of technical applications are left to be learned in connection with a particular job; or, if the electives are properly selected, the engineering physics curriculum may be made a basis for graduate work in some particular field of engineering or in physics.

The Physics Laboratory has complete facilities for instruction and investigation in physics, and is especially well equipped for investigations in spectroscopy, high vacua, acoustics, magnetism, magnetic and electrical measurements, electronics, optics, and nuclear physics. Gas, direct and alternating current at several voltages, distilled water, compressed air, and liquid air are freely available. There are two well-equipped workshops, one for the mechanics of the department and one for instructors and advanced students. Nearly all research equipment of a specialized nature is con-

structured here. A glassblower is in charge of a glassblowing shop where a large variety of glass equipment is made. An excellent working library of periodicals and books of special use in connection with the courses in physics is maintained in the Physics Laboratory.

A large cyclotron which yields 10 m.e.v. deuterons is housed in the Nuclear Radiations Laboratory and, with other experimental apparatus available there, is used by graduate students and faculty for experimental work in nuclear physics.

The betatron, developed at the University of Illinois since 1940, is housed in the Abbott Power Plant and is used by faculty and graduate students in studies of nuclear phenomena produced by 20 m.e.v. x-rays and electrons.

**Public Health Engineering.**—The curriculum in public health engineering is offered in the College of Engineering and the College of Medicine, as shown on page 166, to supply the need for trained engineers in public health agencies.

**Railway Engineering Options.**—To prepare students for service in the technical departments of railways, options are offered in railway civil engineering, railway electrical engineering, and railway mechanical engineering, all three of which are substantially the same as the civil, electrical, and mechanical engineering curricula to the end of the second year. The option in railway civil engineering is prepared for those who plan to enter the engineering department of steam and electric railways, the option in railway mechanical engineering is designed for those who wish to enter the motive-power department of steam railways, while the option in railway electrical engineering is for those who will serve on electric railways or in the electrical departments of steam roads. The special subjects in railway civil engineering concern the location, design, construction, and maintenance of track and equipment, and the design of railway structures. The courses in railway electrical engineering (transit engineering) deal with the design and construction of electric railway equipment, the operation and performance of electric cars and locomotives, and the problems which arise in the electrification of steam lines. The courses in railway mechanical engineering add to the fundamentals of the general mechanical engineering curriculum special courses on the design of locomotives and cars, the resistance of trains, the performance and tests of locomotives, and tests of railway equipment. The University owns and operates, jointly with the Illinois Central Railroad, a railway test car designed for experimental work on steam roads. It is equipped for making train resistance and locomotive performance tests. For work on electric roads the University owns an electric test car, of the interurban type, designed and built for the University. Through the courtesy of the Illinois Terminal Railroad this car is operated on its lines. Three steam roads (the Illinois Central, the Cleveland, Cincinnati, Chicago, & St. Louis, and the Wabash) and one electric interurban road (the Illinois Terminal Railroad) enter Champaign and Urbana. These roads afford opportunities for practical tests and field work.

**Sanitary Engineering.**—The curriculum in sanitary engineering parallels closely that in civil engineering, putting greater emphasis on the engineering problems involved in the control of the environment to protect and improve health and comfort. The curriculum is administered by the Department of Civil Engineering and leads to the degree of Bachelor of Science in Sanitary Engineering.

### Common Program for Freshmen

Freshmen in the College of Engineering take this program unless otherwise specified in the curricula outlined on following pages.

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Chem. 2 or 3—Inorganic Chemistry	3 or 4		Chem. 4—Metallic Elements	4	
G.E.D. 1 or 4—Elements of Drawing	4		G.E.D. 2—Descriptive Geometry	4	
Math. 2—Advanced Algebra	3		Math. 6a—Analytic Geometry	4	
Math. 4 or 5—Trigonometry	2		Rhet. 2—Rhetoric and Composition	3	
Rhet. 1—Rhetoric and Composition	3		Hygiene	2	
Physical Education	½		Physical Education	½	
Military Science (for Men)	1		Military Science (for Men)	1	
<i>Total</i>		16½ or 17½	<i>Total</i>		18½

## Curriculum in Aeronautical Engineering

For the Degree of Bachelor of Science in Aeronautical Engineering

## First Year

Common Program for Freshmen (page 153).

## Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
G.E.D. 3—Aircraft Drafting and Lofting.....	2		Math. 9—Integral Calculus.....	3	
Math. 7—Differential Calculus.....	5		M.E. 82—Machine Tool Laboratory..	1	
M.E. 81—Pattern, Foundry, and Welding Laboratory.....	2		Phys. 1b—General Physics.....	4	
Phys. 1a—General Physics.....	4		Phys. 3b—Physics Laboratory.....	1	
Phys. 3a—Physics Laboratory.....	1		Speech 1—Prin. of Effective Speaking	3	
Non-technical Elective.....	2		T.A.M. 1—Analyt. Mech. (Statics)..	2	
Physical Education.....	½		T.A.M. 2—Analyt. Mech. (Dynamics)	3	
Military Science (for Men).....	1		Physical Education.....	½	
			Military Science (for Men).....	1	
<i>Total</i> .....		17½	<i>Total</i> .....		18½

## Third Year

Aero.E. 1—Aerodynamics.....	3	Aero.E. 2—Aircraft Materials and Processes.....	3
Econ. 2—Elements of Economics; or Eng. 10—Engineering Economics..	3	Aero.E. 22—Aircraft Structures.....	3
Math. 16—Differential Equations....	3	E.E. 18—Electrical Circuits.....	2
Rhet. 22a—Technical Report Writing	2	E.E. 68—Electrical Circuits Laboratory.....	1
T.A.M. 3—Resistance of Materials... 3		M.E. 13—Thermodynamics.....	3
T.A.M. 5—Fluid Mechanics.....	3	M.E. 32—Kinematics and Dynamics of Machinery.....	3
T.A.M. 63—Resistance of Materials Laboratory.....	1		
<i>Total</i> .....	18	<i>Total</i> .....	18

## Fourth Year

Aero.E. 23—Aircraft Structures.....	3	Aero.E. 44—Airplane Design.....	3
Aero.E. 33—Aircraft Detail Design... 2		Aero.E. 62—Aerodynamics Lab.....	2
Aero.E. 43—Airplane Design.....	3	Aero.E. 64—Aircraft Structures Laboratory.....	1
Aero.E. 99—Inspection Trip.....	0	Aero.E. 66—Aircraft Engine Lab....	2
E.E. 19—Aeronautical Electrical Equipment.....	3	Eng. 92—Engineering Law.....	3
M.E. 9—Internal Combustion Engines	3	Approved Elective.....	3
Technical Option <sup>1</sup> .....	3	Technical Option <sup>1</sup> .....	3
<i>Total</i> .....	17	<i>Total</i> .....	17

## Curriculum in Agricultural Engineering

For the Degree of Bachelor of Science in Agricultural Engineering

## First Year

Common Program for Freshmen (page 153).

<sup>1</sup>Technical Options: Intended to provide specialized optional sequences in one of several fields in Aeronautical Engineering.



## Second Year

FIRST SEMESTER		SECOND SEMESTER	
	HOURS.		HOURS
Agr.E. 2—Field and Power-Driven Machinery . . . . .	3	Agr.E. 3—Gas Engines and Tractors . . . . .	3
Bot. 5—Botany . . . . .	3	Agronomy 25—Farm Crops . . . . .	4
Math. 7—Differential Calculus . . . . .	5	Math. 9—Integral Calculus . . . . .	3
Phys. 1a—General Physics . . . . .	4	Phys. 1b—General Physics . . . . .	4
Phys. 3a—Physics Laboratory . . . . .	1	Phys. 3b—Physics Laboratory . . . . .	1
Physical Education . . . . .	1½	T.A.M. 1—Analyt. Mech. (Statics) . . . . .	2
Military Science (for Men) . . . . .	1	Physical Education . . . . .	1½
<i>Total</i> . . . . .	17½	Military Science (for Men) . . . . .	1
		<i>Total</i> . . . . .	18½

## Third Year

## MACHINERY AND POWER OPTION

Econ. 2—Elements of Economics . . . . .	3	Agr. Econ. 20—Farm Management . . . . .	3
Geol. 44—Agricultural Geology . . . . .	3	Agronomy 28—Soils . . . . .	5
M.E. 31—Mechanics of Machinery . . . . .	5	M.E. 10—Thermodynamics . . . . .	3
T.A.M. 2—Analyt. Mech. (Dynamics) . . . . .	3	M.E. 40—Mech. Eng. Design . . . . .	3
T.A.M. 3—Resistance of Materials . . . . .	3	M.E. 85—Pattern and Foundry Lab. . . . .	3
T.A.M. 63—Res. of Materials Lab. . . . .	1		
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	17

## CONSTRUCTION AND DRAINAGE OPTION

C.E. 15—General Surveying . . . . .	3	Agr. Econ. 20—Farm Management . . . . .	3
C.E. 35—Plain Concrete . . . . .	2	Agr.E. 12—Farm Utilities . . . . .	3
Econ. 2—Elements of Economics . . . . .	3	Agronomy 28—Soils . . . . .	5
Geol. 44—Agricultural Geology . . . . .	3	C.E. 61—Structural Stresses . . . . .	4
T.A.M. 2—Analyt. Mech. (Dynamics) . . . . .	3	T.A.M. 4—Hydraulics . . . . .	2
T.A.M. 3—Resistance of Materials . . . . .	3	T.A.M. 64—Hydraulics Laboratory . . . . .	1
T.A.M. 63—Res. of Materials Lab. . . . .	1		
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	18

## Fourth Year

## MACHINERY AND POWER OPTION

Agr.E. 43—Farm Power . . . . .	3	Agr.E. 44—Design of Agricultural Machinery . . . . .	3
Agr.E. 99—Inspection Trip . . . . .	0	Agr.E. 51—Special Problems . . . . .	3
E.E. 11—D.C. and A.C. Circuits . . . . .	3	E.E. 12—D.C. and A.C. Apparatus . . . . .	3
E.E. 61—D.C. and A.C. Laboratory . . . . .	1	E.E. 62—D.C. and A.C. Laboratory . . . . .	1
M.E. 41—Mech. Eng. Design . . . . .	4	M.E. 89—Heat Treatment of Metals . . . . .	3
M.E. 87—Machine Tool Lab. . . . .	3	Approved Elective . . . . .	5
Approved Elective . . . . .	3		
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	18

## CONSTRUCTION AND DRAINAGE OPTION

Agr.E. 42—Hydraulics of Soil and Water Conservation . . . . .	3	Agr.E. 51—Special Problems . . . . .	3
Agr.E. 45—Advanced Farm Structures . . . . .	3	C.E. 64—Structural Design . . . . .	5
Agr.E. 99—Inspection Trip . . . . .	0	C.E. 90—Contracts and Specifications . . . . .	2
C.E. 51—Drainage and Flood Control . . . . .	3	Approved Elective . . . . .	7
C.E. 62—Structural Analysis . . . . .	3		
C.E. 63—Structural Design . . . . .	2		
E.E. 4—D.C. and A.C. Circuits and Machines . . . . .	2		
E.E. 64—D.C. and A.C. Circuits and Machines Laboratory . . . . .	1		
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	17

## Curriculum in Ceramic Engineering

(For the Classes of 1945 and 1946)

*For the Degree of Bachelor of Science in Ceramic Engineering*

## First Year

Common Program for Freshmen (page 153), except that Chem. 5 and Math. 10a-10b are substituted for Chem. 4 and Math. 2, 4, and 6a.

## Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Cer.E. 1—Ceramic Materials.....	3		Cer.E. 4—Ceramic Materials Lab....	3	
Chem. 10—Qualitative Analysis.....	5		Chem. 23b—Quantitative Analysis... 4	4	
Math. 8a—Differential Calculus.....	3		Math. 8b—Integral Calculus.....	3	
Phys. 1a—General Physics.....	4		Phys. 1b—General Physics.....	4	
Phys. 3a—Physics Laboratory.....	1		Phys. 3b—Physics Laboratory.....	1	
Physical Education.....	1½		T.A.M. 1—Analytical Mech. (Statics)	2	
Military Science (for Men).....	1		Physical Education.....	1½	
			Military Science (for Men).....	1	
<i>Total</i> .....		17½	<i>Total</i> .....		18½

## Third Year

Cer.E. 5—Ceramic Bodies.....	5	Cer.E. 11—Drying Clay Products... 3	
Cer.E. 7—Structural Clay Products.. 3		Cer.E. 14—Glasses and Glazes..... 3	
Geol. 43—Engineering Geology; or Geol. 20—General Mineralogy..... 3		Cer.E. 29—Ceramic Pyrometry..... 2	
T.A.M. 2—Analyt. Mech. (Dynamics) 3		Chem. 40—Physical Chemistry..... 3	
T.A.M. 3—Resistance of Materials... 3		C.E. 15—General Surveying..... 3	
T.A.M. 63—Resistance of Materials Laboratory.....	1	M.E. 62—Mech. Engineering Lab... 3	
<i>Total</i> .....	18	<i>Total</i> .....	17

## Fourth Year

Cer.E. 22—Kilns and Burning.....	3	Cer.E. 20—Refractories.....	2
Cer.E. 23—Dryer and Kiln Design... 2		Cer.E. 24—Ceramic Eng. Design... 3	
Cer.E. 99—Inspection Trip.....	0	Cer.E. 28—Pyrochemical Problems.. 2	
C.E. 89—Structural Engineering..... 3		E.E. 5—Applications of Electrical Equipment.....	2
E.E. 4—D.C. and A.C. Circuits and Machines.....	2	E.E. 65—Electrical Equipment Labo- ratory.....	1
E.E. 64—D.C. and A.C. Circuits and Machines Laboratory.....	1	Approved Elective.....	4
Approved Elective.....	3	Technical Option <sup>1</sup> .....	3
Technical Option <sup>1</sup> .....	3	<i>Total</i> .....	17
<i>Total</i> .....	17		

## Curriculum in Ceramic Engineering

(For the Class of 1947 and thereafter)

*For the Degree of Bachelor of Science in Ceramic Engineering*

## First Year

Common Program for Freshmen (page 153), except that Chem. 5 and Math. 10a-10b are substituted for Chem. 4 and Math. 2, 4, and 6a.

<sup>1</sup>Technical Options: Ceramic Engineering 8, 10, 16, 17, 18; Chemistry 33, 41; Electrical Engineering 90; Geology 20, 6; Physics 16; T.A.M. 41, 42; Mining 2; Metallurgy 1, 12.

## Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Cer.E. 31—Introd. to Ceramic Eng...	3		Cer.E. 32—Ceramic Processes and Equipment	3	
Chem. 23b—Quantitative Analysis...	5		Geol. 20—General Mineralogy	3	
Math. 8a—Calculus	3		Math. 8b—Calculus	3	
Phys. 1a—General Physics	4		Phys. 1b—General Physics	4	
Phys. 3a—Physics Laboratory	1		Phys. 3b—Physics Laboratory	1	
Physical Education	1½		T.A.M. 1—Analyt. Mech. (Statics)	2	
Military Science (for Men)	1		Physical Education	1½	
			Military Science (for Men)	1	
<i>Total</i>		17½	<i>Total</i>		17½

## Third Year

Cer.E. 33—Ceramic Technology	5	Cer.E. 34—Ceramic Technology	5
Cer.E. 35—Principles of Drying	3	Cer.E. 36—Kilns, Furnaces, and Firing Operations	3
Chem. 40—Elementary Physical Chemistry	3	Cer.E. 37—Pyrometry	2
T.A.M. 3—Resistance of Materials	3	Phys. 16—Heat	3
T.A.M. 63—Res. of Materials Lab.	1	Technical Elective	2 or 3
Approved Elective	3	Approved Elective	3
<i>Total</i>	18	<i>Total</i>	18 or 19

## Fourth Year

Cer.E. 38—Dryer and Furnace Design	2	Cer.E. 39—Ceramic Eng. Design	3
Cer.E. 40—Ceramic Bodies and Glazes	5	Cer.E. 41—Refractories	2
E.E. 4—D.C. and A.C. Circuits and Machines	2	E.E. 5—Application of Electrical Equipment	2
E.E. 64—D.C. and A.C. Circuits and Machines Lab.	1	E.E. 65—Electrical Equipment Lab.	1
Technical Elective	5	Technical Elective	5 or 4
Approved Elective	3	Approved Elective	3
Inspection Trip	0		
<i>Total</i>	18	<i>Total</i>	16 or 15

## Curriculum in Ceramics

(For the Classes of 1945 and 1946)

*For the Degree of Bachelor of Science in Ceramics*

This curriculum, which allows more specialization than the curriculum shown on the preceding page, is designed for students who intend to become ceramic technologists in charge of control laboratories or to engage in research or to teach ceramics in secondary schools.

## Third Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Cer.E. 5—Ceramic Bodies	5		Cer.E. 11—Drying Clay Products	3	
Cer.E. 7—Structural Clay Products	3		Cer.E. 14—Glasses and Glazes	3	
Cer.E. 29—Ceramic Pyrometry	2		Chem. 40—Physical Chemistry	3	
Met. 1—Elements of Metallurgy	3		Chem. 41—Physical Chemistry Lab.	1	
Geol. 20—General Mineralogy	3		Geol. 6—Optical Mineralogy	3	
Phys. 16—Heat	3		Approved Elective	3	
<i>Total</i>		19	<i>Total</i>		16

## Fourth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Cer.E. 22—Kilns and Burning.....	3	Cer.E. 20—Refractories.....	2
Cer.E. 97—Thesis.....	3	Cer.E. 28—Pyrochemical Problems..	2
Cer.E. 99—Inspection Trip.....	0	Cer.E. 98—Thesis.....	3
E.E. 4—D.C. and A.C. Circuits and Machines.....	2	Chem. 33—Organic Chemistry.....	5
E.E. 64—D.C. and A.C. Circuits and Machines Laboratory.....	1	Technical Option <sup>1</sup> .....	5
Approved Elective.....	3		
Technical Option <sup>1</sup> .....	5		
<i>Total</i> .....	<u>17</u>	<i>Total</i> .....	<u>17</u>

## Curriculum in Chemical Engineering

*For the Degree of Bachelor of Science in Chemical Engineering*

This curriculum is administered by the College of Liberal Arts and Sciences.  
See page 137.

## Curriculum in Civil Engineering

*For the Degree of Bachelor of Science in Civil Engineering*

## First Year

Common Program for Freshmen (page 153).

## Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
C.E. 1—Plane Surveying.....	3	C.E. 2—Topographic Surveying.....	3
C.E. 60—Bridge and Bldg. Constr....	3	Geol. 43—Engineering Geology <sup>2</sup> ....	3
Math. 7—Differential Calculus.....	5	Math. 9—Integral Calculus.....	3
Phys. 1a—General Physics.....	4	Phys. 1b—General Physics.....	4
Phys. 3a—Physics Laboratory.....	1	Phys. 3b—Physics Laboratory.....	1
Physical Education.....	1/2	T.A.M. 1—Analytical Mech. (Statics)	2
Military Science (for Men).....	1	Physical Education.....	1/2
		Military Science (for Men).....	1
<i>Total</i> .....	<u>17 1/2</u>	<i>Total</i> .....	<u>17 1/2</u>

NOTE: Special third and fourth year curricula are available so that transfer students who have credit in all of the subjects included in the first and second year curricula except C.E. 1, 2, 60 and T.A.M. 1 can complete the requirements for the bachelor's degree in two years if they present an equivalent amount of credit.

## Third Year

C.E. 30—Highway Materials Lab....	1	C.E. 3—Route Surveying.....	4
C.E. 35—Plane Concrete.....	2	C.E. 20—Highway Construction.....	3
C.E. 36—Construction Materials....	1	C.E. 62—Structural Analysis.....	3
C.E. 61—Structural Stresses.....	4	C.E. 63—Structural Design.....	2
M.E. 1—Steam, Air, and Gas Machinery.....	3	E.E. 4 and 64—D.C. and A.C. Cir- cuits and Machines, with Laboratory	3
T.A.M. 2—Analyt. Mech. (Dynamics)	3	or Approved Elective.....	3
T.A.M. 3—Resistance of Materials..	3	T.A.M. 4—Hydraulics.....	2
T.A.M. 63—Resistance of Materials Laboratory.....	1	T.A.M. 64—Hydraulics Laboratory..	1
<i>Total</i> .....	<u>18</u>	<i>Total</i> .....	<u>18</u>

<sup>1</sup>Technical Options: Ceramic Engineering 8, 10, 16, 17, 18, 23, 24; Chemistry 15, 42, 43, 49b, 60a, 63b; Electrical Engineering 5, 65; Geology 43; Mechanical Engineering 2, 62; T.A.M. 1, 3; Mining 2; Metallurgy 12; Physics 20a, 20b, 80.

<sup>2</sup>Eight hours of credit in foreign language (French, German, or Spanish) may be substituted for Geology 43, 3 hours, and approved and non-technical electives, 5 hours.

## Fourth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
C.E. 40—Water Supply Engineering..	4	C.E. 41—Sewerage .....	3
C.E. 64—Structural Design .....	5	C.E. 65—Structural Design.....	4
C.E. 99—Inspection Trip .....	0	Options (See below).....	9 to 11
Options (See below).....	8 to 10		
<i>Total</i> .....	17 to 19	<i>Total</i> .....	16 to 18

NOTE: Options are groups of related courses which can be logically taken together. It will be noted that all of the options have the same 21 hours of basic civil engineering courses. The remaining 14 hours of credit are either elective or are devoted to specialized courses. The general option permits a wide range of selection to meet the needs of students whose interests differ from those who choose the special options.

## GENERAL OPTION

C.E. 66—Earth & Masonry Structures	3	C.E. 90—Contracts & Specifications..	2
Technical Elective .....	3	Technical Elective.....	5
Non-technical Elective .....	3	Approved Elective.....	3

## AERONAUTICAL OPTION

C.E. 67—Statically Indet. Structures	3	C.E. 24—Airport Design .....	2
M.E. 33—Aeronautical Engineering ..	3	C.E. 66—Earth & Masonry Structures	3
Approved Elective .....	3	C.E. 70—Airplane Structures .....	3
		C.E. 90—Contracts & Specifications..	2

## HIGHWAY OPTION

C.E. 22—Hy. and Municipal Design..	4	C.E. 23—Highway Administration...	3
C.E. 90—Contracts & Specifications..	2	C.E. 31—Advanced Hy. Materials..	2
Non-technical Elective .....	3	C.E. 66—Earth & Masonry Structures	3
		Approved Elective.....	2

## HYDRAULIC OPTION

C.E. 51—Drainage & Flood Control..	3	C.E. 55—Water Power.....	3
C.E. 66—Earth & Masonry Structures	3	C.E. 90—Contracts & Specifications..	2
Non-technical Elective .....	3	E.E. 4—D.C. and A.C. Circuits and Machines.....	2
		E.E. 64—D.C. and A.C. Circuits and Machines Laboratory .....	1
		Approved Elective.....	2

## RAILWAY OPTION

C.E. 25—Railway Construction and Maintenance .....	3	C.E. 26—Economics of Railway Lo- cation and Operation .....	3
C.E. 66—Earth & Masonry Structures	3	C.E. 27—Ry. Yards and Terminals..	2
Non-technical Elective .....	3	C.E. 90—Contracts & Specifications..	2
		Approved Elective.....	3

SANITARY OPTION<sup>1</sup>

Bact. 5a—Bacteriology.....	3	C.E. 44—Water & Sewage Treat- ment.....	3
Chem. 22—Quantitative Analysis....	5	C.E. 66—Earth & Masonry Structures	3
		Chem. 33—Organic Chemistry .....	5

## STRUCTURAL OPTION

C.E. 67—Statically Indet. Structures	3	C.E. 66—Earth & Masonry Structures	3
C.E. 90—Contracts & Specifications..	2	C.E. 68—Statically Indet. Structures	3
C.E. 91—Estimates and Costs.....	2	Approved Elective.....	3
Non-technical Elective.....	3		

<sup>1</sup>See also Curriculum in Sanitary Engineering (page 166).

## Curriculum in Electrical Engineering

For the Degree of Bachelor of Science in Electrical Engineering

## First Year

Common Program for Freshmen (page 153).

## Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
E.E. 14—Wiring and Illumination <i>or</i> Approved Elective <sup>1</sup> .....	3 or 4	E.E. 14—Wiring and Illumination <i>or</i> Approved Elective <sup>1</sup> .....	3 or 4
Math. 7—Differential Calculus.....	5	Math. 9—Integral Calculus.....	3
M.E. 85 <i>or</i> 87—Pattern and Foundry <i>or</i> Machine Tool Laboratory; <i>or</i> Ap- proved Elective <sup>1</sup> .....	3	M.E. 87 <i>or</i> 85—Machine Tool <i>or</i> Pat- tern and Foundry Laboratory; <i>or</i> Approved Elective <sup>1</sup> .....	3
Phys. 1a—General Physics.....	4	Phys. 1b—General Physics.....	4
Phys. 3a—Physics Laboratory.....	1	Phys. 3b—Physics Laboratory.....	1
Physical Education.....	½	T.A.M. 1—Analytical Mech. (Statics)	2
Military Science (for Men).....	1	Physical Education.....	½
		Military Science (for Men).....	1
<i>Total</i> .....	17½ or 18½	<i>Total</i> .....	17½ or 18½

## Third Year

E.E. 25—Introd. to Circuit Analysis..	4	E.E. 26—Direct Current Apparatus..	3
E.E. 75—Electrical Engineering Lab.	2	E.E. 76—Electrical Engineering Lab.	3
Math. 9a—Integral Calculus.....	2	E.E. 50—Intr. to Applied Electronics	2
M.E. 10—Thermodynamics; <i>or</i> Phys. 44—Electrical and Magnetic Measurements.....	3	M.E. 10—Thermodynamics; <i>or</i> Phys. 44—Electrical and Magnetic Measurements.....	3
T.A.M. 2—Analyt. Mech. (Dynamics)	3	T.A.M. 3—Resistance of Materials..	3
T.A.M. 4—Hydraulics.....	2	T.A.M. 63—Res. of Materials Lab...	1
T.A.M. 64—Hydraulics Laboratory..	1	Approved Elective.....	3
<i>Total</i> .....	17	<i>Total</i> .....	18

## Fourth Year

E.E. 35—A.C. Apparatus.....	4	E.E. 36—A.C. Apparatus <sup>3</sup> .....	4
E.E. 55—Electrical Design <sup>2</sup> .....	2	E.E. 56—Economics of Electrical Sys- tems.....	4
E.E. 85—Electrical Engineering Lab.	2	E.E. 86—Electrical Engineering Lab. <sup>3</sup>	2
E.E. 95—Seminar.....	1	E.E. 96—Seminar.....	1
E.E. 99—Inspection Trip.....	0	E.E. 98—Thesis <sup>4</sup> <i>or</i> Technical Elec- tive.....	3
M.E. 3—Power Plant Engineering...	3	Approved Elective.....	3 or 4
M.E. 61—Mech. Engineering Lab....	2		
Non-technical Elective.....	3 or 4	<i>Total</i> .....	17 or 18
<i>Total</i> .....	17 or 18		

## Curriculum in Engineering Physics

For the Degree of Bachelor of Science in Engineering Physics

The purpose of this curriculum is to prepare students for investigations in engineering problems calling for a knowledge of physics and mathematics or chemistry, and for positions in certain industries which prefer men with a thorough education in basic science.

## First Year

Common Program for Freshmen (page 153), except that substitution of Chem. 6 for Chem. 4 is advised.

<sup>1</sup>One semester of E.E. 14 and one semester of M.E. 85 or 87 are required.<sup>2</sup>E.E. 51 or 54 may be substituted for E.E. 55.<sup>3</sup>Six hours from E.E. 48, 52, 53, 54, 58, 59, 84, and 89 may be substituted for E.E. 36 and 86.<sup>4</sup>Only high-grade students are allowed to take a thesis course.

Second Year<sup>1</sup>

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
German or Approved Elective	.....	4	German or Approved Elective	.....	4
Math. 7—Differential Calculus	.....	5	Math. 9—Integral Calculus	.....	3
Phys. 1a—General Physics	.....	4	Phys. 1b—General Physics	.....	4
Phys. 3a—Physics Laboratory	.....	1	Phys. 3b—Physics Laboratory	.....	1
Physical Education	.....	½	T.A.M. 1—Analytical Mech. (Statics)	.....	2
Military Science (for Men)	.....	1	Physical Education	.....	½
Approved Elective	.....	3	Military Science (for Men)	.....	1
			Approved Elective	.....	3
<i>Total</i>	.....	18½	<i>Total</i>	.....	18½

Third Year<sup>1</sup>

E.E. 25—Introduction to Circuit Analysis	.....	4	Physics 46a—Vacuum Tubes <sup>4</sup>	.....	3
E.E. 75—Electrical Engineering Lab.	.....	2	Phys. 60—Heat <sup>5</sup>	.....	3
German or Approved Elective	.....	4	German or Approved Elective	.....	4
Math. 18—Advanced Calculus <sup>2</sup>	.....	3	Math. 19—Advanced Calculus <sup>2</sup>	.....	3
Phys. 20a—Theoretical Mechanics	.....	3	Phys. 20b—Theoretical Mechanics	.....	3
Phys. 40a—Elec. and Magnetism <sup>3</sup>	.....	3	Phys. 40b—Elec. and Magnetism <sup>3</sup>	.....	3
<i>Total</i>	.....	19	<i>Total</i>	.....	19

Fourth Year<sup>1</sup>

Chem. 40—Physical Chemistry	.....	3	Phys. 71b—Light	.....	2
Phys. 71a—Light	.....	2	Phys. 72b—Light Laboratory	.....	0
Phys. 72a—Light Laboratory	.....	2	Phys. 199—Colloquium	.....	0
Phys. 199—Colloquium	.....	0	Approved Elective <sup>7</sup>	.....	3
Phys. 80 or Approved Elective	.....	3	Technical Option <sup>6</sup>	.....	8
Phys. 46b—Vacuum Tubes <sup>3</sup>	.....	3			
Technical Option <sup>6</sup>	.....	3			
<i>Total</i>	.....	16	<i>Total</i>	.....	15

## Curriculum in General Engineering

*For the Degree of Bachelor of Science in General Engineering*

This curriculum is intended for students who do not wish to pursue the more specialized engineering curricula, but who wish to secure a sound education in engineering principles and their application. Fifteen hours work in economics, business law, etc., are required, and twelve hours of free electives are allowed. The mechanical engineering design sequence of courses, namely, M.E. 31, 40, and 41, plus three hours of approved electives, will be accepted in place of C.E. 61, 62, 63, and 64 in the junior and senior years. The degree of Bachelor of Science in General Engineering is awarded on completion of the curriculum.

## First Year

## Common Program for Freshmen (page 153).

<sup>1</sup>The election of Chemistry 10, 24, and 34 is advised. Students wishing to emphasize chemistry may substitute chemistry electives for E.E. 25 and 75. Students wishing to emphasize electrical engineering should elect E.E. 51, 52, 54, and/or 84 in their senior year. Students wishing to emphasize geophysics should elect most or all of the technical options in geology. Five hours must be approved non-technical courses.

<sup>2</sup>Math. 16 and 17 or Math. 71a-71b may be substituted for Math. 18 and 19.

<sup>3</sup>Physics 44 and 30 may be substituted for Physics 40a-40b.

<sup>4</sup>E.E. 50 and 51 may be substituted for Physics 46a-46b.

<sup>5</sup>M.E. 10 or 13 may be substituted for Physics 60.

<sup>6</sup>Technical Options: Chemistry 10, 24, 34, 36, 37, 41, 42, 43, 44; E.E. 51, 52, 54, 84; Geology 2a, 38, 43, 61; Math. 21, 22, 52, 53, 70, 71, 72; M.E. 35, 36, 87; any courses in Physics or Astronomy; T.A.M. 2, 3, 63.

<sup>7</sup>Physics 81 is recommended.

## Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Econ. 2—Principles of Economics....	3	Geol. 43—Engineering Geology.....	3
Math. 7—Differential Calculus.....	5	Math. 9—Integral Calculus.....	3
M.E. 85—Pattern and Foundry Lab.; or C.E. 15—General Surveying....	3	C.E. 15—General Surveying; or M.E. 85—Pattern and Foundry Lab....	3
Phys. 1a—General Physics.....	4	Phys. 1b—General Physics.....	4
Phys. 3a—Physics Laboratory.....	1	Phys. 3b—Physics Laboratory.....	1
Physical Education.....	1/2	T.A.M. 1—Analytical Mech. (Statics)	2
Military Science (for Men).....	1	Physical Education.....	1/2
		Military Science (for Men).....	1
<i>Total</i> .....	17 1/2	<i>Total</i> .....	17 1/2

## Third Year

Econ. 35—Corporations.....	3	C.E. 61—Structural Stresses.....	4
E.E. 11—D.C. and A.C. Circuits.....	3	E.E. 12—D.C. and A.C. Apparatus..	3
E.E. 61—D.C. and A.C. Laboratory..	1	E.E. 62—D.C. and A.C. Laboratory..	1
M.E. 87—Machine Tool Laboratory..	3	M.E. 10—Thermodynamics.....	3
T.A.M. 2—Analyt. Mech. (Dynamics)	3	T.A.M. 4—Hydraulics.....	2
T.A.M. 3—Resistance of Materials... 3		T.A.M. 64—Hydraulics Laboratory..	1
T.A.M. 63—Res. of Materials Lab.... 1		Approved Elective <sup>1</sup> .....	4
<i>Total</i> .....	17	<i>Total</i> .....	18

## Fourth Year

C.E. 62—Structural Analysis.....	3	Eng. 92—Engineering Law.....	3
C.E. 63—Structural Design.....	2	C.E. 64—Structural Design.....	5
C.E. 99—Inspection Trip.....	0	Econ. 3—Money, Credit, Banking... 3	
Econ. 41—Labor Problems; or Eng. 39—Industrial Relations.....	3	M.E. 64—Mechanical Engineering Laboratory.....	3
M.E. 3—Power Plant Engineering... 3		Approved Elective <sup>1</sup> .....	4
Met. 1—Elements of Metallurgy.... 3			
Approved Elective <sup>1</sup> .....	4		
<i>Total</i> .....	18	<i>Total</i> .....	18

## Curriculum in Mechanical Engineering

*For the Degree of Bachelor of Science in Mechanical Engineering*

## First Year

Common Program for Freshmen (page 153).

## Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Approved Elective <sup>1</sup> .....	3	Approved Elective <sup>1</sup> .....	4
Math. 7—Differential Calculus.....	5	Math. 9—Integral Calculus.....	3
M.E. 85—Pattern and Foundry Lab.; or M.E. 87—Machine Tool Lab....	3	M.E. 87—Machine Tool Lab.; or M.E. 85—Pattern and Foundry Lab....	3
Phys. 1a—General Physics.....	4	Phys. 1b—General Physics.....	4
Phys. 3a—Physics Laboratory.....	1	Phys. 3b—Physics Laboratory.....	1
Physical Education.....	1/2	T.A.M. 1—Analytical Mech. (Statics)	2
Military Science (for Men).....	1	Physical Education.....	1/2
		Military Science (for Men).....	1
<i>Total</i> .....	17 1/2	<i>Total</i> .....	18 1/2

<sup>1</sup>Eight hours or more in a foreign language (French, German, or Spanish) may be substituted for an equal number of hours of approved electives.



Third Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
M.E. 13—Thermodynamics . . . . .		3	M.E. 6—Power Plant Equipment . . .		4
M.E. 31—Mechanics of Machinery . . .		5	M.E. 14—Thermodynamics . . . . .		3
T.A.M. 2—Analyt. Mech. (Dynamics) 3			M.E. 40—Mech. Engineering Design		3
T.A.M. 3—Resistance of Materials . . .		3	M.E. 64—Mech. Engineering Lab . . .		3
T.A.M. 63—Res. of Materials Lab . . .		1	M.E. 88—Machine Tool Laboratory		3
Non-technical Elective <sup>1</sup> . . . . .		3	Non-technical Elective <sup>1</sup> . . . . .		2
<i>Total</i> . . . . .		18	<i>Total</i> . . . . .		18

Fourth Year

E.E. 11—D.C. and A.C. Circuits . . .	3	E.E. 12—D.C. and A.C. Apparatus . .	3
E.E. 61—D.C. and A.C. Laboratory . .	1	E.E. 62—D.C. and A.C. Laboratory . .	1
M.E. 41—Mech. Eng. Design . . . . .	4	M.E. 28—Heating, Ventilating, and	
M.E. 65—Mech. Engineering Lab . . .	3	Air Conditioning . . . . .	4
M.E. 89—Heat Treatment of Metals;		M.E. 52—Power Plant Design . . . . .	3
or Non-technical Elective <sup>1</sup> . . . . .	3	M.E. 89—Heat Treatment of Metals;	
Technical Option . . . . .	3	or Non-technical Elective <sup>1</sup> . . . . .	3
M.E. 99—Inspection Trip . . . . .	0	Technical Option . . . . .	3
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	17

OPTIONS FOR THE CURRICULUM IN  
MECHANICAL ENGINEERING

NOTE: Curriculum options are groups of related courses which can be logically taken together and thus emphasize certain subdivisions, or fields, of mechanical engineering.

PETROLEUM PRODUCTION ENGINEERING

Substitute in Mechanical Engineering Curriculum as follows:

Second Year

Geol. 43 for Approved Elective . . . . .	3	Geol. 2a for Approved Elective . . . . .	4
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Third Year

C.E. 15 for Non-technical Elective . . .	3
--	---

Fourth Year

M.E. 35, T.A.M. 4 and 64, and Geol. 61a for M.E. 41 and Technical Option . . . . .	9	M.E. 36, Geol. 60b, and Geol. 61b for M.E. 28 and 52 and Technical Option . . . . .	8
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RAILWAY MECHANICAL ENGINEERING

Substitute in Mechanical Engineering Curriculum as follows:

Fourth Year

M.E. 5 for Technical Option . . . . .	3	M.E. 8 for Technical Option . . . . .	3
		M.E. 54 for M.E. 52 . . . . .	3

<sup>1</sup>Special attention is called to Engineering 10, 20, 39, 40, 41, and 92.

TECHNICAL OPTIONS FOR THE CURRICULUM IN MECHANICAL ENGINEERING

Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
M.E. 5—Locomotives . . . . .		3	M.E. 7—Int. Combustion Engines . . .		3
M.E. 7—Int. Combustion Engines . . .		3	M.E. 8—Railway Operation . . . . .		3
M.E. 17—Refrigeration Engineering . .		3	M.E. 15—Engineering Thermody-		
M.E. 33—Aeronautical Engineering . .		3	namics . . . . .		3
M.E. 35—Petroleum Production Eng. .		3	M.E. 17—Refrigeration Engineering .		3
M.E. 84—Welding Engineering . . . . .		3	M.E. 34—Aeronautical Engineering . .		3
T.A.M. 4 and 64—Hydraulics . . . . .		3	M.E. 54—Locomotive and Car		
T.A.M. 41—Advanced Mechanics . . . .		3	Design . . . . .		3
T.A.M. 43—Hydraulics Laboratory . . .		3	M.E. 36—Petroleum Production Eng. .		3
T.A.M. 44—Testing Materials . . . . .		3	M.E. 84—Welding Engineering . . . . .		3
T.A.M. 47—Engineering Analysis . . . .		3	T.A.M. 4 and 64—Hydraulics . . . . .		3
T.A.M. 49—Advanced Dynamics and			T.A.M. 42—Engineering Materials . .		3
Vibrations . . . . .		3	T.A.M. 43—Hydraulics Laboratory . .		3
C.E. 89—Structural Engineering . . . . .		3	T.A.M. 44—Testing Materials . . . . .		3
			T.A.M. 48—Engineering Analysis . . .		3
			T.A.M. 50—Advanced Dynamics and		
			Vibrations . . . . .		3

Curriculum in Metallurgical Engineering

For the Degree of Bachelor of Science in Metallurgical Engineering

This curriculum is intended for the training of industrial metallurgists and those who wish to engage in advanced study and research, either in operational processes or in various problems involving physical and chemical phases of metallurgy.

First Year

Common Program for Freshmen (page 153), except that Chem. 5 and Math. 10a-10b are substituted for Chem. 4 and Math. 2, 4, 6a.

Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Chem. 22—Quantitative Analysis . . . .		5	C.E. 15—General Surveying . . . . .		3
Math. 8a—Differential Calculus . . . . .		3	Math. 8b—Integral Calculus . . . . .		3
Phys. 1a—General Physics . . . . .		4	M.E. 85—Pattern and Foundry Lab.;		
Phys. 3a—Physics Laboratory . . . . .		1	or German or French . . . . .		3 or 4
Physical Education . . . . .		1/2	Phys. 1b—General Physics . . . . .		4
Military Science (for Men) . . . . .		1	Phys. 3b—Physics Laboratory . . . . .		1
Approved Elective or German or			T.A.M. 1—Analyt. Mech. (Statics) . . .		2
French . . . . .		3 or 4	Physical Education . . . . .		1/2
			Military Science (for Men) . . . . .		1
<i>Total</i> . . . . .		17 1/2 or 18 1/2	<i>Total</i> . . . . .		17 1/2 or 18 1/2

Third Year

Cer.E. 29—Pyrometry . . . . .		2	Chem. 48b—Physical Chemistry . . . .		3
Chem. 48a—Physical Chemistry . . . . .		3	Met. 5—Ferrous Metallurgy . . . . .		3
Geol. 20—Mineralogy . . . . .		3	Met. 6—Metallurgical Calculations . .		2
Met. 2—Principles of Metallurgy . . . .		3	Met. 13—Utilization of Fuels . . . . .		3
Met. 4—Physical Metallurgy . . . . .		3	M.E. 62—Mech. Eng. Lab. . . . .		3
Min. 9—Principles of Mineral Dressing .		3	T.A.M. 3—Resistance of Materials . .		3
T.A.M. 2—Analytical Mechanics			T.A.M. 63—Resistance of Materials		
(Dynamics) . . . . .		3	Laboratory . . . . .		1
<i>Total</i> . . . . .		20	<i>Total</i> . . . . .		18

Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
E.E. 4—D.C. and A.C. Circuits and Machines.....		2	E.E. 5—Electrical Equipment.....		2
E.E. 64—D.C. and A.C. Circuits and Machines Laboratory.....		1	E.E. 65—Electrical Equipment Lab...		1
Met. 7—Ferrous Metallography.....		3	Met. 10—Non-Ferrous Metallography		3
Met. 8—Ferrous Metallography Lab.		2	Met. 11—Electrometallurgy.....		3
Met. 9—Non-Ferrous Metallurgy.....		3	Met. 42—Metallurgical Design.....		2
Met. 41—Metallurgical Design.....		3	Min. 2—Mining Principles or Approved Elective.....		3 <sup>1</sup>
Met. 99—Inspection Trip.....		0	Min. 90—Seminar.....		1
Approved Elective.....		2	T.A.M. 4—Hydraulics.....		2
<i>Total</i> .....		16	T.A.M. 64—Hydraulics Laboratory..		1
			<i>Total</i> .....		18 <sup>1</sup>

Curriculum in Mining Engineering

For the Degree of Bachelor of Science in Mining Engineering

First Year

Common Program for Freshmen (page 153).

Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Geol. 43—Engineering Geology.....		3	Geol. 20—General Mineralogy.....		3
Math. 7—Calculus.....		5	Math. 9—Calculus.....		3
Min. 1—Elements of Mining.....		4	Min. 2—Mining Methods.....		4
Phys. 1a—General Physics.....		4	Phys. 1b—General Physics.....		4
Phys. 3a—Physics Laboratory.....		1	Phys. 3b—Physics Laboratory.....		1
Physical Education.....		1½	T.A.M. 1—Analytical Mechanics (Statics).....		2
Military Science (for Men).....		1	Physical Education.....		1½
			Military Science (for Men).....		1
<i>Total</i> .....		18½	<i>Total</i> .....		18½

Third Year

C.E. 15—General Surveying.....		3	Econ. 41—Introduction to Labor Problems; or Econ. 43—Personnel Admin.; or Advanced Military.....		3
Econ. 2—Elements of Econ.; or Advanced Military.....		3	Geology Elective.....		2 or 3
Min. 10—Haulage, Hoisting, and Pumping.....		4	M.E. 62—Mech. Eng. Lab.....		3
T.A.M. 2—Analytical Mechanics (Dynamics).....		3	Min. 11—Mine Ventilation.....		2
T.A.M. 4—Hydraulics.....		2	Min. 12—Mine Surveying.....		2
T.A.M. 64—Hydraulics Lab.....		1	T.A.M. 3—Resistance of Materials..		3
			T.A.M. 63—Resistance of Materials Lab.....		1
<i>Total</i> .....		16	<i>Total</i> .....		16 or 17

SUMMER

First Week

Mining 61—First Aid and Mine Rescue.....1 hour

Second and Third Weeks

Mining 62—Summer Mine Surveying.....2 hours

<sup>1</sup>Students who took German or French in the sophomore year require only one hour of approved elective, or a total of 16 hours for the semester.

## Fourth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
C.E. 89—Structural Engineering; or M.E. 87—Machine Tool Lab. . . . .	3	E.E. 12—Direct and Alternating Cur- rent Apparatus. . . . .	3
E.E. 11—Direct and Alternating Cur- rent Circuits. . . . .	3	E.E. 62—Direct and Alternating Cur- rent Lab. . . . .	1
E.E. 61—Direct and Alternating Cur- rent Lab. . . . .	1	Met. 1—Elements of Metallurgy . . . .	3
Min. 20—Mine Administration . . . . .	3	Min. 23—Examination and Valuation	2
Min. 21—Mineral Dressing . . . . .	3	Min. 24—Mining Design . . . . .	3
Min. 22—Fuels. . . . .	3	Min. 25—Coal Preparation . . . . .	2
Min. 99—Inspection Trip. . . . .	0	Approved Elective. . . . .	3 or 4
<i>Total</i> . . . . .	16	<i>Total</i> . . . . .	17 or 18

Curriculum in Public Health Engineering<sup>1</sup>

*For the Degree of Bachelor of Science in Public Health Engineering*

## First Four Years

The first four years are the same as the Sanitary Option in Civil Engineering or the Sanitary Engineering curriculum. Students who have received the bachelor's degree in sanitary engineering or its equivalent at a recognized college of engineering are admitted to the fifth year in this curriculum providing they have had the necessary pre-requisites for the particular courses required at the University of Illinois. The work for the first semester of the fifth year is offered at Urbana, and the second half of the year is offered at the College of Medicine in Chicago.

## Fifth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Chem. 47—Physical Chemistry . . . . .	4	C.E. 140—Public Health Engineering	3
Chem. 86a—Chemistry of Water Treatment . . . . .	3	P.H. 1—Bact. and Protozoology . . . .	6
C.E. 45—Public Health Engineering. . .	3	P.H. 4—Preventive Medicine . . . . .	2
Zool. 1—General Zoology . . . . .	4	P.H. 12—Industrial Hygiene. . . . .	1
Approved Electives (D.H. 10; Entom. 2; Math. 22; M.E. 25) . . . . .	5	P.H. 50—Public Health. . . . .	1
<i>Total</i> . . . . .	19	P.H. 73—Advanced Public Health. . .	2
		Pharmacology or Approved Elective. .	3
		<i>Total</i> . . . . .	18

Curriculum in Sanitary Engineering<sup>1</sup>

*For the Degree of Bachelor of Science in Sanitary Engineering*

## First Three Years

The first three years are the same as the Curriculum in Civil Engineering except that Engineering 92 should be used as the approved elective in the third year.

## Fourth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Bact. 5a—Bacteriology . . . . .	3	Chem. 33—Organic Chemistry . . . . .	5
Chem. 22—Quantitative Analysis. . . .	5	C.E. 40—Water Supply . . . . .	4
C.E. 41—Sewerage. . . . .	3	C.E. 44—Water & Sewage Treatment	3
C.E. 66—Earth & Masonry Structures	3	C.E. 64—Structural Design. . . . .	5
C.E. 99—Inspection Trip . . . . .	0		
Approved Elective <sup>2</sup> . . . . .	4		
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	17

<sup>1</sup>Administered by the Department of Civil Engineering.

<sup>2</sup>Preferably selected from the following courses: Bact. 5b; Chem. 86a; Dairy Husb. 10; Entomology 2; Math. 22; M.E. 25; C.E. 45.

## The College of Agriculture

**T**O PREPARE MEN AND WOMEN FOR SUCCESSFUL CAREERS in agriculture and home economics, the College of Agriculture offers many courses in these two fields, which have in common an interest in the production, processing, sale, and use of food and clothing materials. Illinois, being in one of the greatest agricultural regions of the world, is in an advantageous position for teaching and research in agriculture and the related industries. While many courses in this college are open to all qualified students in the University, most of the courses are designed primarily for students who desire to follow a four-year curriculum in agriculture or home economics.

In agriculture there are several four-year curricula leading to the degree of Bachelor of Science, and a two-year curriculum preparing for entry into a school of forestry. The general agriculture curriculum is broad and flexible with sufficient electives to meet specific needs. Graduates from this curriculum engage in various types of farming, in educational and extension work, in civil or public service, in the processing and marketing of agricultural products, in the sale and service of agricultural equipment and supplies, in agricultural credit work, and in numerous other activities related to agriculture. Graduates from the curriculum in vocational agriculture are prepared to teach in the high schools of Illinois and most other states.<sup>1</sup> The curriculum in dairy technology leads to employment in the dairy manufacturing industry or to research or teaching in this field. The floriculture curriculum prepares for employment in the production and sale of flowers and other ornamental plants.

In home economics the College of Agriculture provides a four-year general curriculum leading to the degree of Bachelor of Science. Graduates of this curriculum are employed in homemaking, teaching, house planning and interior decorating, the designing of clothes and costumes, the management of cafeterias, dormitories, and tearooms, technical work in the textile and food industries, dietetics in hospitals and other institutions, research projects, and extension activities, including the introduction and demonstration of new products and processes in all these lines. Students preparing to teach home economics in the public schools receive their basic training in this curriculum and meet the requirements for teachers' certificates by electing courses in the College of Education and the College of Liberal Arts and Sciences.

The curriculum in agricultural engineering, which is administered by the College of Engineering, includes general and specialized courses offered in the College of Agriculture. A five-year program is available for any student who desires baccalaureate degrees from both these colleges.

The first two years in each curriculum include the necessary scientific and cultural basis for later specialization. Each student is assisted in arranging his program by a member of the faculty under the organized advisory system of this college. Every student is required to take certain courses offered in other colleges on the campus and is encouraged to elect additional courses to balance his program and extend his range of interests.

For *admission*, see page 81; for *buildings* used by this college, see page 69; for *clubs and societies* auxiliary to the curricula, see page 112; for *prizes*, see

<sup>1</sup>The minimum requirements for teaching vocational agriculture can be met also by graduation from the general curriculum in agriculture if the required courses in psychology and education are included as electives. The College of Education also offers a curriculum in agricultural education (see page 184).

page 120; for *fees*, see page 100; for regulations concerning *unclassified students*, see page 89; for general University requirements for *graduation*, see page 96; for *special conferences and short courses*, see page 433.

The instructional program of the College of Agriculture is constantly enriched by close association with the work of the Agricultural Experiment Station (see page 437) and the Extension Service in Agriculture and Home Economics (see page 427). Staff members and students thus have direct contact with current problems in research and practice.

### Departments and Curricula

The College of Agriculture comprises nine departments which offer courses open to all qualified students in the University. These departments, their work and equipment, are described in the following paragraphs with reference to the curricula as outlined on subsequent pages.

**Agricultural Economics.**—Courses in agricultural economics pertain to economic principles as applied to agriculture, farm management, land economics, agricultural marketing, agricultural credit, agricultural prices and statistics, and rural organizations. A basic course in agricultural economics is designed to give an introduction to these fields. A more advanced course deals with the external economic relationships of agriculture, while work in farm management deals with the internal economic relationships of farming based upon financial and detailed cost records secured from farmers throughout Illinois. Work in land economics includes utilization, tenure, and conservation of land, while a course in farm appraisals is conducted in cooperation with other departments. Courses are available dealing with the principles and problems of agricultural marketing and cooperation, as well as with the particular problems connected with the marketing of grain, livestock, dairy products, and horticultural products. Work is offered in the field of agricultural credit, dealing with the credit needs of farmers and the means of supplying these needs. Courses in agricultural prices and statistics include work in price analysis and the application of statistical methods to agricultural data. Work in rural organization deals with the structure and functions of and participation in farmers' organizations and trends in their development. Provision is made for advanced study in all of these fields by qualified undergraduate and graduate students.

**Agricultural Engineering.**—Courses in agricultural engineering cover the principles of engineering as applied to agriculture, including elementary farm mechanics, farm shop, drainage, soil and water conservation, farm buildings, concrete construction, farm machinery, tractors, harvesting machinery, horticultural machinery, dairy machinery, rural electrification, and farm home equipment. The University has an assortment of tractors, gas engines, and farm machinery in this department for student use. Lighting units and water systems are provided in the home equipment laboratory. There is a drafting room for work in farm buildings, and facilities are provided for concrete construction. A curriculum in agricultural engineering is provided in the College of Engineering (page 154) for those students who plan to enter teaching, research, commercial, or design work in this field. The first-year requirements in this curriculum are the same as in other engineering courses. Specialization begins in the second year. Early in the course students have an opportunity to take work in the Department of Agricultural Engineering and also certain basic courses in the College of Agriculture. Those who are particularly interested in power and machinery have an option of special training in machine design. Another option is provided in farm drainage and structures. Students in the curriculum in agricultural engineering may secure two degrees in five years, one in agriculture and one in agricultural engineering, if they will carefully schedule the required courses of study. It is essential that such students complete the courses in drawing, mathematics, physics, and mechanics required in agricultural engineering during their first three years at the University to be able to complete the requirements for both degrees by the end of the fifth year. Freshmen who are interested should consult the Head of the Department of Agricultural Engineering.

**Agronomy.**—Instruction in both crops and soils is given in the Department of Agronomy. Under crops are included such subjects as characteristics, production, and improvement of farm crops as well as the nature and control of the crop enemies such

as weeds, plant diseases, and insect pests. Courses in soils deal with the origin, formation, and classification of soils and also with variation, modification, and maintenance of productivity. Facilities for instruction include laboratories, field house, greenhouse, and field plots. Advanced students have opportunity to use these facilities both in their courses and in individual investigations.

**Animal Husbandry.**—Courses in animal husbandry cover the study of sheep, swine, poultry, and beef cattle, and their products; heavy and light horses, with their care and training; the management of herds, flocks, and studs; feeding, breeding, general sanitation, and disease control in livestock; and the chemical and physiological phases of animal nutrition. The University herds, flocks, and studs contain about six hundred purebred cattle, swine, sheep, and horses, and several hundred fowls, which are available for class purposes and for feeding and breeding investigations. The Stock Judging Pavilion offers opportunity for show and judging work. The department equipment includes buildings for the housing of beef cattle, swine, sheep, horses, and poultry, and a feed storage barn with grinding mills and other feed preparation machinery. Laboratories afford facilities for undergraduate and advanced study in animal nutrition and animal genetics.

**Animal Pathology and Hygiene.**—This department offers courses in the physiology and anatomy of farm animals and in various aspects of disease prevention and control as they relate to domestic animals, including poultry. An active program of research is maintained, and a constant stream of specimens is received from citizens of the state who look to the laboratories for diagnosis and recommended procedure. The veterinarians of Illinois cooperate with the department in many of its activities. This contact with current problems in animal pathology and hygiene provides material for teaching purposes. An exhibit of pathological specimens is maintained.

**Dairy Husbandry.**—The courses in dairy husbandry are concerned with the judging, breeding, feeding, and management of dairy cattle; the manufacture and marketing of dairy products; and dairy bacteriology and chemistry. The equipment of this department includes a complete commercial creamery, well-equipped laboratories for both dairy bacteriology and dairy chemistry, and a farm stocked with a herd of more than 200 head of dairy cattle which are typical representatives of the Holstein-Friesian, Jersey, Guernsey, Brown Swiss, and Ayrshire breeds.

**Forestry.**—The pre-forestry curriculum provides two years of study in subjects prerequisite to technical training in forestry. It prepares the student to enter a school of professional forestry with two years of advanced standing. Although registration is in the College of Agriculture, many of the courses of instruction are in the Colleges of Liberal Arts and Sciences and Engineering. The pre-forestry curriculum utilizes the laboratory, drafting, demonstration, and classroom facilities of several departments in each of these colleges as well as those of the College of Agriculture. The equipment of the Department of Forestry includes maps, charts, lantern slides, and a working library of some 3,500 books and pamphlets on forestry. Students who are interested in forestry as a profession should consult the Head of the Department of Forestry concerning registration.

**Home Economics.**—The courses given in this department are planned primarily to meet the needs of students who desire a knowledge of the general principles and facts of home economics. In addition to the courses in general home economics, opportunity is given for concentration in the following fields: foods and nutrition, hospital dietetics, institution management, household management, the child and the family, textiles and clothing, teacher training. The department is housed in the Woman's Building, where there are specially equipped laboratories and lecture rooms and a cafeteria which is used as a teaching laboratory. Facilities for demonstration and practice in household management and child development are provided in Davenport House.

**Bevier Lecture Fund.**—In 1942 the late Isabel Bevier, Professor of Home Economics, *Emerita*, bequeathed \$5,000 to the University of Illinois for the establishment of a lecture fund in the Department of Home Economics; the income from this fund is to be used for a series of lectures on the scientific, economic, aesthetic, and social aspects of home and family life.

**Horticulture.**—Courses in horticulture provide instruction in five divisions (pomology, vegetable crops, floriculture, plant breeding, and plant pathology) and in subjects dealing with all these divisions, such as plant propagation, spraying, the

evolution of horticultural plants, and experimental horticulture. For instruction in pomology and plant pathology, use is made of the varietal and experimental plantations maintained by the department, and of the Horticultural Field Laboratory. This building is equipped with cold storage rooms, constant-temperature chambers, and a greenhouse, and with chemical, physiological, histological and pathological laboratories. Facilities for instruction in vegetable crops include a physiological laboratory, greenhouses, and several acres of land on which garden operations are illustrated and the principal vegetable crops are grown. A laboratory furnishes opportunity for the study of methods of canning and packing. The equipment for floriculture includes ten glass-houses and a service building. The houses contain a selection of roses, carnations, and chrysanthemums, and of plants representing the forms used in commercial and decorative or conservatory work. The ornamental gardens furnish illustrative materials for students in floriculture and landscape architecture. Instruction in plant materials is facilitated by a collection of native woods and a forest tree plantation of about twenty acres.

### Requirements for Graduation

Students who have satisfied the general University requirements for graduation (page 96), have maintained throughout their course a satisfactory record of scholarship and moral character, and have completed a curriculum in the College of Agriculture, including the studies of the prescribed lists and sufficient electives to make a total of 130 semester hours in all curricula except in home economics, where the requirement is 120 hours exclusive of required work in physical education, are graduated with the degree of Bachelor of Science. (For the special requirements of each curriculum, see the outlines on the following pages.)

A candidate for graduation must have completed by the beginning of his final semester all studies required for the degree except those to be taken in class during the semester, except, however, special examinations to remove failures, proficiency examinations, and course substitutions which must be completed by the beginning of the tenth week of the student's final semester.

Students who have transferred from other educational institutions to the University of Illinois and are candidates for the degree of Bachelor of Science in Agriculture are required to complete in residence at least half the technical agriculture credit required for the degree; such credit must be in those courses for which seniors receive full credit. Graduates of approved colleges may secure a degree in agriculture from the University on completion of the technical and scientific requirements. This usually requires two years of residence work; a minimum of one year is required.

### Honors at Graduation

Honors awarded at graduation to superior students are designated, after the degree on the diploma, as Honors, High Honors, and Highest Honors, according to the following rules: (a) For the degree with Honors, the student must have an average of 4.0 in all courses used for graduation. (b) For the degree with High Honors, a student must have an average of 4.25 in all courses counted toward graduation and pass a comprehensive examination in his field of major interest. (c) For the degree with Highest Honors, the student must have an average of 4.5 in all courses used for graduation and give evidence of exceptional ability in passing a comprehensive examination in his field of major interest.

### Curriculum in Agricultural Engineering

#### *For the Degree of Bachelor of Science in Agricultural Engineering*

This curriculum, outlined on pages 154 and 155, is administered by the College of Engineering with the cooperation of the Department of Agricultural Engineering.

### General Curriculum in Agriculture

#### *For the Degree of Bachelor of Science in Agriculture*

All students in this curriculum are required to take certain prescribed courses during the freshman year and part of the sophomore and junior years. This work gives the student some training in the basic sciences and an insight into the technical branches of



agriculture and leaves a large part of the junior and senior years open for elective studies. The 130 hours required for graduation are grouped as follows:

### Prescribed Courses

HOURS		HOURS	
Accountancy 1a.....	3	Entomology 1.....	3
Agricultural Economics 1.....	3	Geology 44.....	3
Agricultural Engineering 1.....	3	Horticulture 1a-1b.....	4
Agronomy 25, 28.....	9	Hygiene.....	2
Animal Husbandry 1, 21.....	6	Military Science.....	4
Bacteriology 5a.....	3	Physical Education.....	2 <sup>1</sup>
Botany 5.....	3	Rhetoric 1, 2.....	6
Chemistry 1 (or 2), 5, 32.....	13 or 11	Zoology 14.....	3
Dairy Husbandry 24a or 24b.....	3		
Economics 1 or 2.....	5 or 3		
		<i>Total, Prescribed Courses.....</i>	<u>74-78</u>

### Summary

	HOURS
Agricultural courses prescribed (listed above).....	28
Non-agricultural courses prescribed (listed above).....	46-50
Agricultural courses to be elected from Group 1 (listed below).....	21
Non-agricultural courses to be elected from Group 2 (listed below).....	8
Free electives.....	<u>23-27<sup>1</sup></u>
<i>Total Required for Graduation.....</i>	<u>130</u>

After the second semester of the sophomore year, the minimum schedule is 15 hours each semester, exclusive of military science and physical education. Sophomore standing requires 30 hours; junior standing, 60 hours; senior standing, 94 hours.

### Electives

GROUP 1.—Minimum 21 hours.

All courses offered by the College of Agriculture other than those prescribed.

GROUP 2.—Minimum 8 hours in addition to prescribed courses.

Selected from courses offered in English, foreign language, geography, history, landscape architecture, law, philosophy, political science, psychology, rhetoric, sociology, and speech. *Desirable beginning courses:*

HOURS		HOURS	
English 12, 13, 20a, or 20b.....	2 or 4	Political Science 1a, 1b, or 16.....	2 or 3
French 1a and 1b.....	8	Portuguese 1a and 1b.....	8
Geography 1, 2, 14.....	3 or 5	Psychology 1.....	4
German 1 and 2.....	8	Rhetoric 10.....	2
History 1a, 1b, 3a, or 3b.....	3 or 4	Sociology 1.....	3
Landscape Architecture 62.....	2	Spanish 1a and 1b.....	8
Philosophy 1 or 2.....	3	Speech 1.....	3

NOTE.—Students expecting to take graduate work in agriculture should make their selection of electives primarily with this purpose in view, as the prescribed courses in the general curriculum in agriculture will not afford an adequate training for major work in any agricultural department in the Graduate School. For adequate undergraduate preparation in his chosen field of major study the student should elect advanced courses in this and in related fields under the guidance of the department within which his major is to be taken, and he should also make a judicious selection of non-agricultural courses in order to afford a broad scientific and cultural foundation for his specialized training.

A thorough training in the general principles of biology is highly desirable in all fields of agriculture and essential in most, the nature of the proposed major field determining whether this training will be pursued mainly along botanical or zoological lines. For specialization in farm organization and management and in other phases of agricultural economics, economics rather than biology is the basic science.

<sup>1</sup>For the duration of the war all men students under 30 years of age are required to register each semester in physical education. The additional credits so earned may be counted as free electives.

An introductory course in physics is necessary to a well-balanced knowledge of the natural sciences, and will prove of value for advanced study in all lines of technical agriculture, while in some lines it is essential.

Mathematics, including college algebra, trigonometry, analytical geometry, and the calculus, should be included in the program of the prospective research student, because a thorough understanding of statistical methods is essential to the interpretation of experimental data.

A reading knowledge of some of the foreign languages, particularly German and French, is essential to a study of the original contributions to any major field of graduate study. The prospective graduate student is advised to elect a year of work in either German or French.

The advisability of choosing other non-agricultural courses, such as those in advanced economics, accountancy, quantitative chemical analysis, physical chemistry, physiological chemistry, education, bacteriology, physiology, and entomology, will depend upon the nature of the proposed major and minors in the Graduate School.

### Outline of General Curriculum in Agriculture

#### First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Hygiene.....	2	Chem. 1 or 2—Inorganic Chemistry..	5 or 3
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
<i>Select from the following prescribed courses to make a total of 14½-18½ hours for each semester. Each of these courses (except Hort. 1a-1b) is offered both semesters:</i>			
Agr. Econ. 1—Introd. Agr. Economics	3	Entom. 1—Destructive and Useful	
Agr. Eng. 1—Introd. Agr. Engineering	3	Insects.....	3
Agron. 25—Farm Crops.....	4	Hort. 1a—Introd. Pomology and Or-	
An. Husb. 1—Livestock Judging....	3	namental Gardening.....	2
Bot. 5—General Botany.....	3	Hort. 1b—Introd. Vegetable Crops..	2
D.H. 24a—Dairy Production; or			
D.H. 24b—Dairy Manufacturing..	3		

#### Second Year

Chem. 5—Inorganic Chemistry and		Chem. 32—Organic Chemistry.....	3
Qualitative Analysis.....	5	Military Science (for Men).....	1
Military Science (for Men).....	1	Physical Education.....	1
Physical Education.....	1		
<i>Select from the following prescribed courses to make a total of 14½-18½ hours for each semester. Each of these courses (except Hort. 1a-1b) is offered both semesters:</i>			
Accy. 1a—Principles of Accounting..	3	Econ. 1 or 2—Prin. of Economics....	5 or 3
Agr. Eng. 1—Introd. Agr. Engineering	3	Entom. 1—Destructive and Useful	
Agron. 25—Farm Crops.....	4	Insects.....	3
Agron. 28—Soils.....	5	Geol. 44—Agricultural Geology.....	3
An. Husb. 1—Livestock Judging....	3	Hort. 1a—Introd. Pomology and Or-	
An. Husb. 21—Principles of Feeding..	3	namental Gardening.....	2
Bact. 5a—Introd. Bacteriology.....	3	Hort. 1b—Introd. Vegetable Crops..	2
Bot. 5—General Botany.....	3	Zool. 14—Elementary Zoology.....	3
D.H. 24a—Dairy Production; or			
D.H. 24b—Dairy Manufactures...	3		

#### Third Year

Agronomy 28, Soils, if not taken previously, should be scheduled either the first or second semester. Any remaining prescribed courses should be taken as early as possible. Select enough electives for each semester to make a total of 15-18 hours. Attention should be given to satisfying the requirements of Group 2 under electives, and it should be kept in mind that Group 1 requires the selection of a total of 21 hours

of agricultural electives in addition to the prescribed agricultural courses listed above. This leaves 23-27 hours of open electives which may be taken in any college or school of the University. It is recommended that at the beginning of the third year the student, in consultation with his faculty adviser, lay out a detailed program of courses for the third and fourth years. Care should be taken to avoid too narrow specialization but at the same time to take related groups of courses designed to prepare the individual for the life and work which he expects to pursue.

#### Fourth Year

Schedule 15-18 hours of work each semester, following the lines indicated for the third year. It is important that each student consult his faculty adviser and plan his work for the year.

#### Curriculum in Dairy Technology

##### *For the Degree of Bachelor of Science in Dairy Technology*

The curriculum in dairy technology is planned for students interested in the business and technical aspects of dairy manufacturing. This four-year curriculum allows ample opportunity for the student to elect courses in various phases of dairy manufactures and in the fields related to it. Thus a student may specialize in the manufacturing and marketing of dairy products or the bacteriological, chemical, or engineering aspects of the field.

#### Requirements

82-84 hours as indicated in the following sequence of courses.

15 hours in Group 1 (listed below).

8 hours in Group 2 (listed below).

10 hours in Group 3 (listed below).

13-15 hours open electives.

130 hours required for graduation.

#### Electives

GROUP 1.—A minimum of 15 hours in courses offered by the College of Agriculture in addition to those prescribed. (Electives in this group are to be chosen from advanced courses under the guidance of an adviser.)

GROUP 2.—A minimum of 8 hours selected from English, foreign language, geography, history, landscape architecture, philosophy, political science, psychology, rhetoric, sociology, speech.

GROUP 3.—A minimum of 10 hours in addition to prescribed courses, to be selected from courses offered in accountancy, bacteriology, business organization and operation, chemistry, economics, mathematics, and physics. *Desirable courses:*

Accountancy 1b, 2a, 2b

Bacteriology 5a, 5b, 8, 10

Business Law 2

Business Organization and Operation 2, 7, 8

Chemistry 22, 50

Economics 3, 10, 43, 51, 61

Mathematics 6a, 8a, 8b

Physics 15, 44

#### First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Chem. 1 or 2—Inorganic Chemistry..	5 or 3	D.H. 11—General Dairy Bacteriology	2
D.H. 24b—Elementary Testing and Manufacture of Dairy Products....	3	D.H. 12—General Dairy Bacteriology	2
D.H. 24a—Elementary Dairy Produc- tion.....	3	Chem. 5—Inorganic Chemistry and Qualitative Analysis.....	5
Physical Education.....	1	Hygiene.....	2
Military Science (for Men).....	1	Physical Education.....	1
Electives.....	0 or 3	Military Science (for Men).....	1
<i>Total</i> .....	16-17	<i>Total</i> .....	16

## Second Year

FIRST SEMESTER		SECOND SEMESTER	
	HOURS		HOURS
Chem. 33—Elementary Organic Chemistry.....	5	Math. 4—Trigonometry.....	2
D.H. 22—Cheese Manufacture.....	3	D.H. 8—Fluid Milk Plant Operations	3
D.H. 1—Chemical Control Methods for Dairy Plants.....	3	D.H. 7—Creamery Buttermaking and Factory Management.....	3
Math. 3—Algebra.....	5	D.H. 14—Milk Condensing.....	3
Physical Education.....	1	Physical Education.....	1
Military Science (for Men).....	1	Military Science (for Men).....	1
		Electives.....	5
<i>Total</i> .....	18	<i>Total</i> .....	18

## Third Year

Accy. 1a—Principles of Accounting..	3	Econ. 1—Principles of Economics....	5
D.H. 4—Ice Cream Manufacture....	3	Phys. 7b—General Physics (Light, Electricity, Magnetism).....	4
D.H. 9—Dairy Products Judging....	2	Phys. 8b—General Physics Laboratory	1
Phys. 7a—General Physics (Mechanics, Sound, Heat).....	4	Electives <sup>1</sup> .....	6
Phys. 8a—General Physics Laboratory	1		
Electives <sup>1</sup> .....	3		
<i>Total</i> .....	16	<i>Total</i> .....	16

## Fourth Year

Electives <sup>1</sup> .....	16	Electives <sup>1</sup> .....	16
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## Curriculum in Floriculture

*For the Degree of Bachelor of Science in Floriculture*

The purpose of this curriculum is to fit men and women for the profession of floriculture. The laboratory exercises in the technical subjects consist of practical work in the greenhouses and gardens and give the students a working knowledge of the best methods now in use. Of the 130 semester hours required for graduation, 101 are prescribed as shown below. The other 29 hours of credit necessary for graduation are elective.

## First Year

FIRST SEMESTER		SECOND SEMESTER	
	HOURS		HOURS
Chem. 1 or 2—Inorganic Chemistry..	5 or 3	Chem. 5—Inorganic Chemistry and Qualitative Analysis.....	5
Hort. 5—Plant Propagation.....	3	Hort. 4—Plant Houses.....	3
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Entom. 1—Destructive and Useful Insects; or Bot. 5—General Botany	3	Bot. 5—General Botany; or Entom. 1—Destructive and Useful Insects	3
Hygiene.....	2	Physical Education.....	1
Physical Education.....	1	Military Science (for Men).....	1
Military Science (for Men).....	1		
<i>Total</i> .....	16-18	<i>Total</i> .....	16

## Second Year

Accy. 1a—Principles of Accounting..	3	Accy. 1b—Accounting Procedure....	3
Bot. 3—Plant Physiology.....	5	Agron. 28—Soils.....	5
Econ. 2—Principles of Economics....	3	Bot. 6—Introductory Systematic Botany.....	3
Geol. 44—Agricultural Geology.....	3	Hort. 15a—Greenhouse Management	3
Physical Education.....	1	Physical Education.....	1
Military Science (for Men).....	1	Military Science (for Men).....	1
Electives.....	0-3	Electives.....	0-3
<i>Total</i> .....	16-19	<i>Total</i> .....	16-19

<sup>1</sup>Men students must include physical education.

## Third Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
B.O.O. 2—Marketing.....	3	Hort. 15c—Commercial Crops.....	3
Bot. 7—Plant Pathology.....	3	Hort. 31—Garden Flowers.....	3
Hort. 15b—Commercial Crops.....	3	Hort. 45—Plant Nutrition.....	3
Hort. 43—Floricultural Physiology...	3	Land. Arch. 52—Trees and Shrubs..	3
Land. Arch. 51—Trees and Shrubs...	3	Electives <sup>1</sup> .....	3-6
Electives <sup>1</sup> .....	0-3		
<i>Total</i> .....	<u>15-18</u>	<i>Total</i> .....	<u>15-18</u>

## Fourth Year

Hort. 32a—Floral Decoration.....	3	Hort. 30—Tender Bedding Plants...	3
Electives <sup>1</sup> .....	12-15	Hort. 32b—Floral Decoration.....	3
		Land. Arch. 64—Appreciation of Landscape Architecture.....	3
		Electives <sup>1</sup> .....	6-9
<i>Total</i> .....	<u>15-18</u>	<i>Total</i> .....	<u>15-18</u>

**Suggested Electives.**—The following courses are suggested as electives which may be taken during the third or fourth year: Bot. 46, Heredity and Evolution; Agron. 22, Improvement in Farm Crops by Breeding; Hort. 12, Evolution of Horticultural Plants; B.O.O. 7, Salesmanship; B.O.O. 8, Advertising; Bus. Law 2, Elementary Law of Business; Hort. 7, Spraying; Entom. 20, Insect Control.

## Pre-Forestry Curriculum

The purpose of the two-year pre-forestry curriculum is to prepare young men to enter a school of professional forestry with two years of advanced standing. The pre-forestry curriculum provides a course of study similar to that given during the first two years at a school of forestry. The course of study is of necessity modified somewhat to meet the different requirements of the various schools. Completion of the pre-forestry curriculum requires a minimum of 61 hours of work in addition to the University requirements in military science and physical education. Due to large increases in enrollment, many forestry schools have adopted rather high scholarship requirements. Students whose grades are below average in their pre-forestry work may be refused admittance to a forestry school.

The choice of electives will depend on the requirements of the particular school of forestry for which the student is preparing. Some forestry schools require a year of physics, and others do not; the same is true of zoology and other elective subjects. The branches of forestry in which a student is interested will also influence his choice of electives. A student expecting to stress the business and administrative aspects of the profession might well choose as electives other subjects than those indicated below. Any changes to meet the needs of individual students should be worked out in consultation with the Head of the Department of Forestry.

## First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Chem. 1 or 2—Inorganic Chemistry <sup>2</sup> ..	5 or 3	Rhet. 2—Rhetoric and Composition..	3
Rhet. 1—Rhetoric and Composition..	3	Math. 4—Trigonometry.....	2
Math. 3 or 2—Algebra <sup>2</sup> .....	5 or 3	Geol. 44—Agricultural Geology.....	3
Bot. 5—General Botany.....	3	Forestry 1—General Forestry.....	3
Hygiene.....	2	G.E.D. 1—Elements of Drawing....	4
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
<i>Total</i> .....	<u>16-18</u>	<i>Total</i> .....	<u>17</u>

<sup>1</sup>Men students must include physical education.

<sup>2</sup>Students who have not had chemistry in high school register in Chemistry 1 (five hours); those who have one unit of high school chemistry register in Chemistry 2 (three hours). Students who have had 1½ units of high school algebra register in Mathematics 2 (three hours); those who have not had advanced algebra in high school register in Mathematics 3 (five hours). It is to the advantage of students planning to study forestry to take chemistry and advanced algebra in high school.

## Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
C.E. 1—Plane Surveying.....		3	C.E. 2—Topographic Surveying.....		3
Econ. 2—Elements of Economics....		3	Agron. 28—Soils.....		5
Chem. 5—Qualitative Analysis.....		5	Military Science (for Men).....		1
Military Science (for Men).....		1	Physical Education.....		1
Physical Education.....		1	Electives.....		8
Electives.....		5			
<i>Total</i> .....		18	<i>Total</i> .....		18
<i>Electives</i>			<i>Electives</i>		
Bot. 3—Plant Physiology.....		5	Bot. 6—Systematic Botany.....		3
Physics 7a and 8a—Mechanics, Sound, and Heat.....		5	Physics 7b and 8b—Light, Electricity, and Magnetism.....		5
			Zoology 1—General Zoology.....		5
			Pol. Sci. 1a—American Government..		3
			Chem. 32—Organic Chemistry.....		3

## Curriculum in Vocational Agriculture

*For the Degree of Bachelor of Science in Vocational Agriculture*

The purpose of this curriculum is to train young men to teach agriculture in high schools having departments of vocational agriculture. In addition to the training outlined in this curriculum, the present Illinois State Plan for Vocational Education in Agriculture calls for a minimum of two years of practical experience on the farm after reaching the age of sixteen.

## Summary

	HOURS	TOTAL
<i>I. Prescribed Courses in Agriculture:</i>		
Agricultural Economics 1, 20, and 30.....	9	
Agricultural Engineering—nine hours selected from Agricultural Engineering 2, 3, 4, 5, and 21 <sup>1</sup> .....	9	
Agronomy 25 and 28, and three hours selected from Agronomy 7, 8, 10, 11, 13, 22, 33, and 34.....	12	
Animal Husbandry 1, <sup>2</sup> 6, 21, and 37.....	13	
Dairy Husbandry 24a and 33.....	5	
Horticulture 1a and 1b.....	4	52
<i>II. Prescribed Courses in Natural Science:</i>		
Bacteriology 5a.....	3	
Botany 5.....	3	
Chemistry 1 or 2, and 5.....	8 or 10	
Entomology 1.....	3	
Geology 44.....	3	
Psychology 1.....	4	
Zoology 14.....	3	27 or 29
<i>III. Prescribed Courses in Education:</i>		
Agricultural Education 50 and 51.....	10	
Education 1, 6, and 25.....	8	18
<i>IV. Prescribed Miscellaneous Courses:</i>		
Economics 2.....	3	
Hygiene 5.....	2	
Military Science.....	4	
Physical Education.....	2 <sup>3</sup>	
Rhetoric 1 and 2.....	6	17
<i>V. Electives</i> .....		15 or 13 <sup>3</sup>
<i>Total Required for Graduation</i> .....		130

<sup>1</sup>Students who have had an acceptable shop course in high school should omit Agricultural Engineering 21.

<sup>2</sup>Students who have had livestock judging in high school will not be required to take Animal Husbandry 1, but they are required to take a total of 13 hours in animal husbandry.

<sup>3</sup>For the duration of the war all men students under 30 years of age are required to register each semester in physical education. The additional credits so earned may be counted as electives.

First Year			
FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Bot. 5—General Botany .....	3	Chem. 1 or 2—Inorganic Chemistry..	.5 or 3
Hygiene .....	2	Entom. 1—Destructive and Useful Insects.....	3
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education .....	1	Physical Education.....	1
Other prescribed courses (see summary on page 176).....	6-9	Other prescribed courses (see summary on page 176).....	3-8
<i>Total</i> .....	<u>16-19</u>	<i>Total</i> .....	<u>16-19</u>

Second Year			
Chem. 5—Inorganic Chemistry.....	5	Psych. 1—Introduction to Psychology	4
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education .....	1	Physical Education.....	1
Other prescribed courses (see summary on page 176).....	9-12	Other prescribed courses (see summary on page 176).....	10-13
<i>Total</i> .....	<u>16-19</u>	<i>Total</i> .....	<u>16-19</u>

**Third and Fourth Years**

At the beginning of the third year the student should consult his adviser and plan a program for the junior and senior years. As many as possible of the prescribed courses should be included in the junior year. It is recommended that courses in speech and the social sciences be included among the electives. It should be noted that during the semester in which practice teaching (Agricultural Education 50) is taken the student will be off the campus part of the time, so that only a few courses, such as Agricultural Engineering 3 and 21 and Agricultural Education 51, can be taken. These courses should be reserved for that semester.

**General Curriculum in Home Economics**

*For the Degree of Bachelor of Science in Home Economics*

This four-year curriculum is provided for students in the College of Agriculture who desire training in home economics. The 120 semester hours required for graduation include prescribed subjects as listed below, of which at least 29 hours must be in home economics courses of the three groups specified for all students in this curriculum.

The first two years of this curriculum, which are shown in detail, allow some variations according to the purposes of individual students. The third and fourth years are largely determined by the choice of a field of concentration. Students who intend to enter the College of Education in their junior or senior year should refer to the requirements for the Bachelor of Science degree in home economics education (page 184). Those who wish to qualify for a baccalaureate degree in the College of Liberal Arts and Sciences should refer to the requirements of the general curriculum in that college (page 133). Students who hold scholarships in home economics must take each semester at least four hours in home economics or in courses prerequisite to those in home economics. At least five hours of advanced courses in one of the fields of concentration must be taken in residence at the University by any student transferring from another institution.

**Prescribed Courses**

	HOURS		HOURS
Art 1a.....	2	Physical Education (4 semesters)	0
Bacteriology 5a and/or 5b <sup>1</sup> .....	3 or 5	Physiology 1 or 1a <sup>1</sup> .....	3 or 5
Chemistry 1 (or 2), 5, 32, 33 (or 34).....	11-15	Psychology 1.....	4
Economics 2.....	3	Rhetoric 1 and 2.....	6
English Literature.....	6	Sociology 1.....	3
Home Economics:		Elective Social Studies <sup>2</sup> .....	6
Group I—(see below).....	9	<i>Total, Prescribed Courses</i> .....	<u>80-82</u>
Group II—(see below).....	8	<i>Open Electives</i> .....	<u>38-40</u>
Group III—(see below).....	12	<i>Total Required for Graduation</i> .....	<u>120</u>
Hygiene 2.....	2		

See footnotes at bottom of next page.

GROUP I.—The following courses, totaling nine hours, are required of all students in the curriculum: Home Economics 1, 4, 7, 56.

GROUP II.—A minimum of eight hours chosen from the following courses is required: Home Economics 2, 3, 10, 19, 29a, 29b, 56b, 58, 59. Students concentrating in Household Management or the Child and the Family must select twelve hours from this group.

GROUP III.—A minimum of twelve hours from the following courses is required. Students specializing in one of the following fields of concentration should elect twelve hours from that field. Students meeting graduation requirements in general home economics may select courses totaling twelve hours from any of the following:

(1) *Foods and Nutrition*.—Twelve hours selected from Home Economics 5, 20, 33, 35, 39a, 39b, 41, 63, 90a, 90b. The following courses also are required: Chemistry 22, 33 (instead of 32), and 50; Bacteriology 5a and 5b; Physiology 1a.

(2) *Hospital Dietetics*.—Home Economics 5, 33, 41, 46, 47, 48 are required. The following courses also are required: Bacteriology 5a and 5b; Chemistry 22, 33 or 34, 50; Education 25; Physiology 1a.

(3) *Household Management*.—Six hours selected from Home Economics 14, 28, 57a, 57b, 90a, 90b; and six hours selected from other advanced courses in home economics or from courses in economics.

(4) *Institution Management*.—Home Economics 5, 46, 47, 48, and 63 are required. In order to meet the American Dietetic Association training course requirements the following courses must be included: Chemistry 22, 33 or 34, 50; Education 25. For the National Restaurant Association training course requirements, include Accountancy 1a and 1b or 12, Economics 43, and Education 25.

(5) *The Child and the Family*.—Six hours selected from Home Economics 40, 57a, 57b, 65, 66, 90a, 90b; and six hours selected from other advanced courses in home economics or from courses in sociology and psychology.

(6) *Textiles and Clothing*.—Twelve hours selected from Home Economics 30, 31, 42, 43a, 43b, 50, 51, 90a, 90b. Art 1b is also required.

(7) *Teacher Education*.—Students preparing to teach Home Economics in secondary schools should follow the curriculum in Home Economics Education (see page 179).

### Outline of Curriculum in Home Economics

#### First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Art 1a—Design.....		2	Chem. 5—Inorganic Chemistry and Qualitative Analysis.....		5
Chem. 1 or 2—Inorganic Chemistry..		5 or 3	Home Econ. 4—Introd. to Foods and Nutrition; or Hygiene 2—Hygiene and Sanitation.....		2
Home Econ. 1—Introd. to Home Econ.		1	Rhet. 2—Rhetoric and Composition..		3
Home Econ. 7—Selection and Care of Textiles and Clothing.....		3	Physical Education.....		1
Hygiene 2—Hygiene and Sanitation; or Home Econ. 4—Introd. to Foods and Nutrition.....		2	Electives <sup>3</sup> .....		5
Rhet. 1—Rhetoric and Composition..		3			
Physical Education.....		1			
<i>Total</i> .....		17-15	<i>Total</i> .....		16

<sup>1</sup>Each student must take at least eight hours in physiology and bacteriology.

<sup>2</sup>Each student concentrating in household management, institution management, the child and the family, textiles and clothing, or in general home economics, must take at least six hours in economics, history, philosophy, political science, psychology, and sociology, in addition to the prescribed courses listed above.

<sup>3</sup>Students who plan to take courses in home architecture, home furnishings, or costume design should include Art 1b.



Second Year			
FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Chem. 32, 33 or 34—Elementary		Physiol. 1 or 1a—Mammalian	
Organic Chemistry.....	3 or 5	Physiology.....	3 or 5
Psych. 1—Introduction to Psychology	4	Sociol. 1—Principles of Sociology....	3
English Literature.....	3 or 4	English Literature.....	2 or 3
Econ. 2—Elements of Economics....	3	Group II courses <sup>1</sup> .....	6 or 4
Physical Education.....	1	Physical Education.....	1
Electives.....	2 or 0		
<i>Total</i> .....	16-17	<i>Total</i> .....	16-17

### Third and Fourth Years

In the third and fourth years each student will complete the prescribed courses in bacteriology, chemistry, and social studies, and will elect courses from Group II and Group III to complete the requirements in the chosen field of concentration.

Those who choose Foods and Nutrition or Hospital Dietetics should take Bacteriology 5a-5b, Chemistry 22, and Home Economics 59 in the first semester of their junior year.

### Curriculum in Home Economics Education

#### *For the Degree of Bachelor of Science in Home Economics*

Students preparing to teach home economics in the secondary schools should follow this curriculum. The 120 hours required for graduation are listed below. The degree may be earned in either the College of Agriculture or the College of Education.

Summary	HOURS
Art 1a, 1b.....	4
Bacteriology 5a and/or 5b <sup>2</sup> .....	3-5
Chemistry 1 or 2, 5, 32.....	13-11
Economics 2.....	3
Education:	
<i>Vocational:</i> Education 1, 6b, 10b, 25, 41; Educational Practice 14; Home Economics 11.....	22
<i>Non-Vocational:</i> Education 1, 6b, 10b, 25; Educational Practice 14; Home Economics 11.....	19
History 3a or 3b.....	3
Home Economics:	
<i>Vocational:</i> Home Economics 1, 2, 3, 4, 5, 7, 10, 14, 19, 29a-29b, 30, 40, 56, 56b, 58, 59.....	42
<i>Non-Vocational:</i> Home Economics 1, 2 or 3, 4, 7, 10, 29a-29b, 56, 58, 59, and a minimum of seven hours from 5, 14, 19, 30, 56b, 65.....	32-41
Hygiene 2.....	2
Literature.....	4
Physical Education (4 semesters).....	0
Physiology 1 or 1a <sup>2</sup> .....	3-5
Political Science 1a or 1b.....	3
Psychology 1.....	4
Rhetoric 1, 2 <sup>3</sup> .....	6
Sociology 1.....	3
Speech 1 <sup>3</sup> .....	3
<i>Total Required for Graduation</i> .....	120

<sup>1</sup>Students preparing for vocations in foods, hospital dietetics, household management, and teaching should include Home Economics 58 in the second semester of the sophomore year.

<sup>2</sup>Each student must take at least eight hours in physiology and bacteriology.

<sup>3</sup>Division of General Studies 1a-1b (Verbal Expression) may be taken in place of Rhetoric 1-2 and Speech 1.

## Outline of Curriculum in Vocational Home Economics Education

NOTE: To meet the non-vocational requirements, the student should substitute the non-vocational courses in home economics and education shown on page 179.

## First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Chem. 1 or 2—Inorganic Chemistry.	.5 or 3		Chem. 5—Inorganic Chemistry and Qualitative Analysis.	5	
Home Econ. 1—Introduction to Home Economics	1		Home Econ. 7—Selection and Care of Textiles and Clothing	3	
Art 1a—Design	2		Hygiene 2—Essentials of Hygiene and Sanitation; <i>or</i>		
Rhet. 1—Rhetoric and Composition <sup>1</sup> .	3		Home Econ. 4—Introduction to Foods and Nutrition	2	
Speech 1—Principles of Effective Speaking <sup>1</sup>	3		Rhet. 2—Rhetoric and Composition <sup>1</sup> .	2	
Home Econ. 4—Introduction to Foods and Nutrition; <i>or</i>			Art 1b—Design	2	
Hygiene 2—Essentials of Hygiene and Sanitation	2		Physical Education	1	
Physical Education	1				
<i>Total</i>		15-17	<i>Total</i>		16

## Second Year

Chem. 32—Elementary Organic Chemistry	3	Home Econ. 3—Home Decoration	3
Home Econ. 29a-29b—Clothing	4	Physiol. 1 or 1a—Mammalian Physiology <sup>2</sup>	3 or 5
Psych. 1—Introduction to Psychology	4	Hist. 3b—History of the United States	3
Home Econ. 2—Home Architecture	3	Educ. 1—American Public School	3
Literature	2	Literature	2
Physical Education	1	Physical Education	1
<i>Total</i>	17	<i>Total</i>	15-17

## Third Year

Home Econ. 58—Foods	3	Home Econ. 59—Food Economics	3
Home Econ. 19—Costume Design	2	Home Econ. 5—Dietetics	3
Home Econ. 56—The Child and His Development	3	Home Econ. 10—Organization and Management of the Home	3
Home Econ. 56b—Child Development Laboratory	2	Home Econ. 40—Home Care of the Sick	1
Econ. 2—Elements of Economics	3	Pol. Sci. 1a—American Government	3
Educ. 25—Educational Psychology	3	Educ. 6b—Principles of Secondary Education	3
<i>Total</i>	16	<i>Total</i>	16

## Fourth Year

Home Econ. 30—Clothing	3	Educ. 10b—Technic of Teaching in the Secondary School	3
Bact. 5a or 5b—Introductory Bacteriology <sup>2</sup>	3 or 5	Ed. Prac. 14—Home Economics Education	5
Educ. 41—Principles of Vocational Education	3	Home Econ. 14—Home Management	3
Sociol. 1—Principles of Sociology	3	Home Econ. 11—Teaching of Home Economics	3
<i>Total</i>	12-14	<i>Total</i>	14

<sup>1</sup>Division of General Studies 1a-1b (Verbal Expression) may be taken in place of Rhetoric 1-2 and Speech 1.

<sup>2</sup>Each student must take a total of eight hours in bacteriology and physiology.

**SPECIAL PROGRAMS OF STUDY IN AGRICULTURE****Five-Year Program in Agriculture and Engineering**

A five-year plan by which a student may earn degrees in agriculture and agricultural engineering has been arranged. Interested students should call at Room 104 New Agriculture Building for an outline of the program.

**Six-Year Program in Agriculture and Law**

A plan has been agreed upon between the College of Agriculture and the College of Law by which a student may earn the degree of Bachelor of Science in Agriculture and the degree of Bachelor of Laws in six years. In this case the student must plan carefully so as to include all prescribed courses in agriculture during the first three years, after which he transfers to the College of Law for the fourth year. He can thus receive the agricultural degree at the end of the fourth year and the law degree at the end of the sixth year. Interested students should call at Room 104 New Agriculture Building for an outline of the plan.

**Pre-Theological Program**

For students interested in the rural ministry, there has been arranged a plan of pre-theological study in agriculture as recommended by representatives of several theological seminaries and several land-grant colleges of agriculture in the middle west. Those who are interested should call at Room 104 New Agriculture Building for an outline of this plan of study.

**Pre-Veterinary Program**

Students planning to study veterinary medicine may take one or more years of pre-veterinary work at the University of Illinois. Those who are interested should call at Room 104 New Agriculture Building for a copy of the recommended program. Students in this program should ask to be assigned to a faculty adviser from the Department of Animal Pathology and Hygiene. Plans are under way for a College of Veterinary Medicine and Surgery, but until buildings and equipment are available only the pre-veterinary program can be offered.

## The College of Education

THE COLLEGE OF EDUCATION IS CONCERNED WITH LEARNING as a process, the principles and methods of teaching, and the organization of schools as agencies of culture. The courses of study, which are centered on the development of the individual as a social unit, fall into groups dealing with the philosophy, principles, and history of education, the psychology and technology of teaching, the management of school systems, the methods of extension and research, the planning of programs for group instruction and individual activities, and the development of attitudes and habits necessary for success in complex environments. These groups have in common the aim of anticipating the needs of students as explorers and cultivators of the fields of learning in which they will become teachers.

The courses of study are supplemented by practice in teaching under special supervisors in school systems cooperating with the College of Education. The University High School, which serves as a laboratory for this college, affords experimentation under controlled conditions.

Candidates for baccalaureate degrees in the College of Education take certain required courses and elect other courses in this college, and prepare themselves further for their chosen fields by concentrating in restricted groups of subjects in other colleges and schools of the University. For those who wish to concentrate in the fields of agricultural education, home economics education, or industrial education, specialized curricula are provided in this college, each leading to the degree of Bachelor of Science. In the fields of other teaching subjects, sequences of courses comparable to these curricula are arranged for individual students by advisers.

Except for the curriculum in industrial education which begins with the freshman year, the two years of study required for admission to the College of Education may be done in any college approved by the University. Juniors entering from the College of Liberal Arts and Sciences should have completed the prescribed subjects and group requirements of the general curriculum or the first two years of work in the Division of General Studies. A junior entering from any other college of the University should have completed the first two years of a regular curriculum, and anyone transferring from another institution must have acceptable credit for an equivalent amount of work in that institution.

All the introductory courses and most of the advanced courses offered in the College of Education are open to students enrolled in other colleges and schools of the University. Candidates for degrees in the other colleges and schools, while studying there the subjects they intend to teach, may fulfill the requirements for teachers' certificates by electing courses in education.

For *admission*, see pages 81 and 91; for regulations concerning *unclassified students*, see page 88; for general University requirements for *graduation*, see page 96; for *fees*, see page 100; for *prizes*, see page 120; for *clubs and societies*, see page 112; for *special conferences and short courses*, see page 434; for the *Bureau of Educational Research*, see page 445.

Students in the College of Education who are preparing for graduate work should arrange their undergraduate programs to meet the requirements for admission to the Graduate School (see page 216). Those who desire positions as school librarians may obtain professional training in the Library School (see page 214). Special programs leading to the degrees of Master of Education and Doctor of Education are described on page 219.

### Requirements for Graduation

Each candidate for a baccalaureate degree in the College of Education must meet the general University requirements with respect to registration, residence, fees, hygiene, military science, physical education, and rhetoric, and must secure credit, with a satisfactory scholastic average, in approved courses totaling at least 120 semester hours, including the credit accepted for admission to this college, but not counting the first two years of the required work in military science and physical education.

#### A. Prescribed Subjects:

Twenty hours in education, including the following courses: The American Public School, 2 hours; Educational Psychology, 3 hours; Technic of Teaching in the Secondary School *or* Technic of Teaching in the Elementary School, 3 hours; a teachers' course in the subject of specialization, 2 hours; Principles of Secondary Education *or* Principles of Elementary Education, 3 hours; and Educational Practice, 5 hours. (A 3.5 average is prerequisite to Educational Practice.)

#### B. Subjects of Specialization:

Students must specialize in three subjects selected from the following list. Each student must complete at least 20 hours of approved courses in his first subject of specialization (except that in Agricultural Education, 47 hours, Home Economics Education, 36 hours, and Industrial Education, 33 hours must be completed). In the other subjects of specialization the student must complete at least 16 hours of approved courses. In computing the hours in the subjects of specialization, courses taken in other colleges prior to admission may be counted.

##### *Art*

*Biology*.—(A well-balanced program selected from Zoology, Physiology, Entomology, Botany, Bacteriology. For a first subject of specialization, 25-32 hours are required; and for a second subject of specialization, 18-22 hours are required.)

##### *Chemistry*

*Civics*.—(Includes Political Science and Sociology with a minimum of 8 hours in either subject.)

*Commercial Subjects*.—(Includes Accountancy, Business Organization and Operation, Business Law, Business Letter Writing.)

##### *Economics*

*English*.—(Includes courses in English Literature, American Literature, and Rhetoric.)

##### *French*

*General Science*.—(From 32 to 35 hours of beginning sciences for a first subject of specialization; from 20 to 25 hours for a second subject. The total should include at least one year of work in the physical sciences and one year in the biological sciences.)

*Geography*.—(Includes Geology.)

*German*

*History*

*Home Economics*

*Industrial Education*.—(Includes Industrial Arts.)

*Journalism*.—(As a second or third subject of specialization.)

*Latin*

*Mathematics*

*Music*

*Physic*s. —(Includes courses in Theoretical and Applied Mechanics.)

*Physiology*.—(Includes Hygiene 10.)

*Physical Education for Men*

*Physical Education for Women*

*Spanish*

*Speech*.—(Minimum of sixteen hours in speech; the remainder may be English Literature and American Literature.)

NOTE:—All students are urged to consult the Secretary of the Appointments Committee concerning the combinations of subjects most frequently requested by the high schools of the state and the standard of preparation usually demanded.

#### C. Electives:

The remainder of the curriculum may be elected from courses offered by other colleges and schools in the University.

## Curriculum in Agricultural Education

### *For the Degree of Bachelor of Science in Agricultural Education*

This four-year curriculum, totaling 130 semester hours, is designed to meet the requirements for teaching agriculture under the State Board for Vocational Education. The first two years of work may be taken in the College of Agriculture (see page 167) or in any other college approved by the University. The third and fourth years may be taken in the College of Education by students who meet the requirements for admission to this college.

#### Summary

	HOURS	TOTAL
<i>I. Prescribed Courses in Agriculture:</i>		
Agricultural Economics 1, 20, and 30 . . . . .	9	
Agricultural Engineering—nine hours selected from Agricultural Engineering 2, 3, 4, 5, and 21 <sup>1</sup> . . . . .	9	
Agronomy 25 and 28, and three hours selected from Agronomy 7, 8, 10, 11, 13, 22, 33, and 34 . . . . .	12	
Animal Husbandry 1, <sup>2</sup> 6, 21, and 37 . . . . .	13	
Dairy Husbandry 24a and 33 . . . . .	5	
Horticulture 1a and 1b . . . . .	4	52
<i>II. Prescribed Courses in Natural Science:</i>		
Bacteriology 5a . . . . .	3	
Botany 5 . . . . .	3	
Chemistry 1 or 2, and 5 . . . . .	8 or 10	
Entomology 1 . . . . .	3	
Geology 44 . . . . .	3	
Psychology 1 . . . . .	4	
Zoology 14 . . . . .	3	27 or 29
<i>III. Prescribed Courses in Education:</i>		
Agricultural Education 50 and 51 . . . . .	10	
Education 1, 6, and 25 . . . . .	8	18
<i>IV. Prescribed Miscellaneous Courses:</i>		
Economics 2 . . . . .	3	
Hygiene 5 . . . . .	2	
Military Science . . . . .	4	
Physical Education . . . . .	2 <sup>3</sup>	
Rhetoric 1 and 2 . . . . .	6	
Speech 1 . . . . .	3	
Political Science 1a . . . . .	3	
History 3b . . . . .	3	
Humanities . . . . .	2	28
<i>V. Electives.</i> . . . . .		5 or 3 <sup>3</sup>
<i>Total Required for Graduation.</i> . . . . .		130

## Curriculum in Art Education

(See page 194)

## Curriculum in Home Economics Education

### *For the Degree of Bachelor of Science in Home Economics Education*

This four-year curriculum, totaling 120 semester hours, is designed to meet the requirements for certification of teachers of home economics by the State Superintendent of Public Instruction. The first two years of work in this curriculum may be taken in

<sup>1</sup>Students who have had an acceptable shop course in high school should omit Agricultural Engineering 21.

<sup>2</sup>Students who have had livestock judging in high school will not be required to take Animal Husbandry 1, but they are required to take a total of 13 hours in animal husbandry.

<sup>3</sup>For the duration of the war all men students under 30 years of age are required to register each semester in physical education. The additional credits so earned may be counted as electives.

the College of Agriculture (see page 177) or in the College of Liberal Arts and Sciences (see page 129) or in any other college approved by the University. The third and fourth years may be taken in the College of Education by students who meet the requirements for admission to this college.

Those who wish to meet the requirements of the State Board for Vocational Education should see the curriculum in vocational home economics education on page 180.

Summary	HOURS
Art 1a, 1b.....	4
Bacteriology 5a and/or 5b <sup>1</sup> .....	3-5
Chemistry 1 or 2, 5, 32.....	13-11
Economics 2.....	3
Education:	
<i>Vocational:</i> Education 1, 6b, 10b, 25, 41; Educational Practice 14; Home Economics 11.....	22
<i>Non-Vocational:</i> Education 1, 6b, 10b, 25; Educational Practice 14; Home Economics 11.....	19
History 3a or 3b.....	3
Home Economics:	
<i>Vocational:</i> Home Economics 1, 2, 3, 4, 5, 7, 10, 14, 19, 29a-29b, 30, 40, 56, 56b, 58, 59.....	42
<i>Non-Vocational:</i> Home Economics 1, 2 or 3, 4, 7, 10, 29a-29b, 56, 58, 59, and a minimum of seven hours from 5, 14, 19, 30, 56b, 65.....	32-41
Hygiene 2.....	2
Literature.....	4
Physical Education (4 semesters).....	0
Physiology 1 or 1a <sup>1</sup> .....	3-5
Political Science 1a or 1b.....	3
Psychology 1.....	4
Rhetoric 1, 2 <sup>2</sup> .....	6
Sociology 1.....	3
Speech 1 <sup>2</sup> .....	3
<i>Total Required for Graduation.....</i>	<i>120</i>

## Curriculum in Industrial Education

### *For the Degree of Bachelor of Science in Industrial Education*

This four-year curriculum, totaling 120 semester hours, is offered entirely in the College of Education, which admits freshmen for this purpose. Students completing this curriculum qualify for certification by the State Superintendent of Public Instruction and in most cases by the State Board for Vocational Education. Modifications of the work shown in the following outline may be made to meet special needs, particularly for teachers already in service. Minor teaching subjects recommended are: chemistry, mathematics, physics, social studies, or a combination of mathematics and physics.

First Year			
FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Indus. Ed. 3—The General Shop.....	4	Indus. Ed. 1—First Course in Wood-working.....	4
D.G.S. 1a—Verbal Expression.....	4	D.G.S. 1b—Verbal Expression.....	4
Math. 3—Algebra <sup>3</sup> .....	5	Chem. 1 or 2—Inorganic Chemistry...5 or 3	
or Elective.....	3	G.E.D. 1—Elements of Drawing....	4
Hygiene 5.....	2	Physical Education.....	1
Physical Education.....	1	Military Science (for Men).....	1
Military Science (for Men).....	1		
<i>Total.....</i>	<i>15-17</i>	<i>Total.....</i>	<i>17-19</i>

<sup>1</sup>Each student must take at least eight hours in physiology and bacteriology.

<sup>2</sup>Division of General Studies 1a-1b (Verbal Expression) may be taken in place of Rhetoric 1-2 and Speech 1.

<sup>3</sup>Required only of those who enter with 1 unit of high school algebra.

## Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Indus. Ed. 4—Advanced General Shop	4	Indus. Ed. 2—Advanced Wood Shop..	4
Pol. Sci. 1a—American Government..	3	Hist. 3b—History of the United States.....	3
G.E.D. 2—Descriptive Geometry....	4	Engl. 12—American Literature.....	2
Math. 4—Trigonometry.....	2	or Academic Elective.....	2 or 3
Ed. 1—The American Public School..	2	Psych. 1—Introduction to Psychology	4
Physical Education.....	1	Physical Education.....	1
Military Science (for Men).....	1	Military Science (for Men).....	1
		Electives.....	2 or 3
<i>Total</i> .....	17	<i>Total</i> .....	17-19

## Third Year

Agr. Eng. 3—Gas Engines and Tractors; or Shop Elective.....	3	Agr. Eng. 28—Advanced Gas Engines and Tractors; or M.E. 87—Machine Tool Laboratory.....	3
Arch. 43—Materials and Methods of Construction; or Elective.....	3	Arch. 44—Materials and Methods of Construction; or Elective.....	3
Physics 7a and 8a—General Physics..	5	Ed. 6b—Principles of Secondary Education.....	3
Indus. Ed. 53—Problems of Industrial Education.....	3	Physics 7b and 8b—General Physics..	5
Ed. 25—Educational Psychology.....	3	Econ. 1—Principles of Economics...	3
Physical Education for Men.....	1	Physical Education for Men.....	1
<i>Total</i> .....	18	<i>Total</i> .....	18

## Fourth Year

M.E. 88—Machine Tool Laboratory; or Shop Elective.....	3	Indus. Ed. 57—Methods of Shop Instruction.....	3
Indus. Ed. 62—History and Organization of Industrial Arts.....	3	Ed. Prac. 16—Supervised Teaching..	5
Engl. 13—American Literature.....	2	Ed. 10b—Technic of Teaching in the Secondary School.....	3
Econ. 41—Labor Problems; or Eng. 39—Industrial Relations.....	3	Physical Education for Men.....	1
Ed. 41—Principles of Vocational Education.....	3	Electives.....	4
Physical Education for Men.....	1		
<i>Total</i> .....	15	<i>Total</i> .....	16

## Curriculum in Music Education

(See page 199)

## Curriculum in Physical Education for Men

(See page 210)

## Curriculum in Physical Education for Women

(See page 212)

## CERTIFICATION OF TEACHERS

The University's Committee on Appointment of Teachers, in response to requests from school authorities, recommends qualified graduates of the University for positions as teachers and supervisors in public schools, colleges, and technical schools. Applicants should consult the secretary of this committee in 200 Gregory Hall.

Each applicant for a position in the schools of Illinois, on completing his work in the University, should have a transcript of his record sent by the Recorder at Urbana to the State Superintendent of Public Instruction at Springfield. When he



has obtained a position he should apply for a certificate through the office of the superintendent of schools in the county in which he is to teach. The requirements now in effect for the kinds of certificates most frequently needed by graduates of the University are as follows:

A limited high school certificate, valid for four years for teaching in grades seven to twelve of the common schools, may be issued to prospective teachers who have graduated with a bachelor's degree from a recognized college or who present certified evidence, accompanied by faculty recommendation, of having completed the requirements below. This certificate is renewable in periods of four years upon successful teaching and professional growth satisfactory to the county superintendent of schools.

<i>I. General Education:</i>	HOURS
Oral and Written Expression.....	8
Natural Science.....	6
(Includes biology, botany, chemistry, general science, geography, geology, mathematics, physics, physiology, and zoology, or their equivalents in integrated courses. It is suggested that at least one laboratory course be included.)	
Social Science.....	6
(A course in the history of the United States and the American government is required. Includes economics, general social science, geography, history, political science, and sociology, or their equivalents in integrated courses.)	
Humanities.....	6
(Includes art, languages, literature, music, philosophy, and psychology, or their equivalents in integrated courses.)	
Health and Physical Education.....	2 to 4
(Includes hygiene, health education, physical education, safety education, first aid, and recreation.)	
Additional work in any of the above fields.....	6
<i>Total, General Education.....</i>	<u>35</u>
<i>II. Professional Education:</i>	
Adolescent Growth and Development.....	2 or 3
Principles of Education or Philosophy of Education (including the study of professional ethics).....	2 or 3
Student Teaching (high-school level).....	5
Materials and Methods in the Secondary School, or a course in methods of teaching a particular secondary school subject.....	2 or 3
American Public Education.....	2 or 3
Electives in Professional Education.....	2 or 3
<i>Total, Professional Education.....</i>	<u>16</u>
<i>III. Major (one)<sup>1</sup>.....</i>	<u>32</u>
<i>IV. Minor (one)<sup>1</sup>.....</i>	<u>16</u>
Three minors, two of which are in related fields, will be accepted in lieu of one minor and one major.	
<i>V. Electives.....</i>	<u>21</u>
<i>Total.....</i>	<u>120</u>

A life high school certificate, valid for teaching and supervising in grades seven to twelve of the common schools, may be granted to those fulfilling the following requirements: a master's degree conferred by a recognized college or university, credit for 22 semester hours in education, and four years of successful teaching experience, two of which must have been in the State of Illinois.

Statements of the requirements for other types of certificates may be obtained from the State Superintendent of Public Instruction.

## THE UNIVERSITY HIGH SCHOOL

The purposes of the University High School are to offer instruction of a superior quality to pupils of the high school grades; to afford opportunities for observation

<sup>1</sup>The major and minor should be in separate areas or subjects selected from the following fields: agriculture, art, commerce, English, foreign languages, geography, home economics, industrial arts, library science, mathematics, music, physical education, psychology, science, social studies, and speech. Majors and minors approved for certification are not necessarily identical with institutional majors and minors.

and practice to University students who expect to teach; to provide a laboratory for the College of Education; to assist the teachers of the public schools of Illinois in the solution of their educational problems.

In order to insure the realization of these purposes, the University's officers of administration carefully select the teachers in the University High School; provide for the supervision of classroom activities; permit classes of only moderate size; limit the total enrollment, including the sub-freshman class, to two hundred fifty pupils; and require students in attendance to maintain high standards of scholarship.

The University High School is accredited by the North Central Association of Colleges and Secondary Schools and by the State Department of Public Instruction.

*Buildings and Equipment.*—The University High School is located at the corner of Mathews and Springfield Avenues in Urbana, on the campus of the University of Illinois. Near the high school is the gymnasium, in which the physical education classes meet and in which intramural and interscholastic games take place. The gymnasium is also a center for the social life of the school.

In the high school building are nine laboratories, supplied with ample modern equipment to serve the special needs of the departments of science, industrial arts, home economics, art, and commerce.

The library contains approximately 7,000 volumes of reference and recreational reading books carefully selected for high school pupils. In addition, there are in the library valuable picture and pamphlet collections. Thirty periodicals and a number of newspapers provide current reading materials. The University Library, of which the High School Library is a branch, supplements these facilities.

*Admission Requirements.*—The principal of the University High School will consider applications for admission in the order in which he receives them until he completes a registration of two hundred fifty pupils. Pupils are admitted to the University High School on the following plans:

1. Graduation from eighth grade. No examinations are required.
2. Transfer from another high school. Pupils transferring from other high schools will be admitted upon evidence of honorable release. They will be allowed full credit for all completed courses which are the equivalents of courses taught in this high school.
3. Sub-Freshmen: Twenty pupils who have completed the first six grades or the equivalent make up the personnel of this class. These pupils complete in one year the essential features of the seventh and eighth grades. Elementary school records, scores on achievement and intelligence tests, and a health examination are the bases for the selection of superior pupils for this group.

*Fees.*—The tuition fee is \$25 a semester. A fee of \$1 for the use and laundering of towels must be paid at the beginning of each year by all pupils registering for classes in physical education. Fifty cents of this fee will be refunded when the towel is returned at the end of the year. No charge is made for the use of lockers, laboratory or gymnasium equipment, or for the services rendered by the University of Illinois Health Station.

There is no tuition fee for the summer session. A charge of \$5 is assessed each student who registers in typewriting in the summer session. A small locker and towel fee will be charged each student who uses one of the University swimming pools.

*Summer Courses in the University High School.*—Pupils are eligible to attend classes in the University High School summer courses if they have been graduated from the eighth grade; or if they have been regularly registered pupils in good standing in another high school during the school year; or if they show evidence through written examinations of their ability to do satisfactory work. Students interested in attending the University High School summer session are asked to write to the Principal for a special summer announcement of courses which will be ready after May 1.

*University High School Publications.*—Circulars announcing the courses offered in the University High School are issued annually. Special bulletins on health programs, teaching of music appreciation, the place of agriculture in secondary schools, and the course of study in English may be obtained on request. An illustrated year-book, the "U and I," is compiled by committees of the senior class under faculty supervision. For further information, address the Principal of the University High School, Urbana, Illinois.

# The College of Fine and Applied Arts

**A**RT, ARCHITECTURE, LANDSCAPE ARCHITECTURE, AND MUSIC are taught in the College of Fine and Applied Arts. The professional curricula in all these subjects admit freshmen and consist of four years of study, with options that allow specialization for various purposes. In each curriculum the students are required to take certain basic and cultural courses in literature, language, and other subjects essential to a liberal education, and are permitted to elect additional courses according to individual interests.

For students enrolled in other colleges and schools at Urbana, the College of Fine and Applied Arts offers introductory courses designed to increase aesthetic appreciation and to portray the role of the arts in civilization. The Department of Architecture and the School of Music also conduct courses for graduate students who are candidates for advanced degrees.

For *admission*, see page 81; for general University requirements for *graduation*, see page 96; for regulations concerning *unclassified students*, see page 88; for *museums and collections*, see page 73; for *clubs and societies* auxiliary to the curricula, see page 112; for *prizes*, see page 120; for *fees*, see page 100; for the *Bureau of Community Planning*, see page 447; for *special conferences and short courses*, see page 435.

## Lorado Taft Lectureship

Alumni and friends of the University in 1930 endowed the Lorado Taft Lectureship in Art, for the maintenance of an annual series of lectures by one or more persons eminent in some field of art. From 1930 to the time of his death in 1936, invitations to give certain of these lectures were extended to Professor Taft, who thus continued to serve the University as Non-Resident Professor of Art. Lecturers prominent in the field of art appear in this series each year.

## Carnegie Visiting Professorship

In 1939 the Carnegie Corporation established a Visiting Professorship in Art at the University of Illinois, for the support of a prominent artist who will reside on the campus, practice his art, and deliver lectures. Because of the war there was no appointment for 1944-1945.

## Requirements for Graduation

Students who meet the general University requirements with respect to registration, residence, scholarship, fees, hygiene, military science, physical education, and rhetoric, and who maintain a satisfactory record, receive degrees appropriate to the curricula completed.

**Architecture.**—The curriculum in architecture, with two options, requires 142 semester hours for graduation. The degree of Bachelor of Science in Architecture is awarded on completion of the *general option*, and the degree of Bachelor of Science in Architectural Engineering on completion of the *construction option*.

**Art.**—Graduation from the curriculum in art requires 130 semester hours. This curriculum has four options: *painting*, *art education*, *commercial design*, and *industrial design*. The degree of Bachelor of Fine Arts is awarded in the option completed.

**Landscape Architecture.**—The curriculum in landscape architecture requires 130 semester hours for graduation. The degree of Bachelor of Fine Arts in Landscape Architecture is conferred on students completing this curriculum.

**Music.**—Graduation requires 130 semester hours, as outlined in one of the curricula, with piano as a major or minor subject. The curriculum in music with instrumental, voice, or theory major leads to the degree of Bachelor of Music. The curriculum in music education leads to the degree of Bachelor of Science in Music Education.

### Honors at Graduation

The honors awarded at graduation to superior students are designated on the diploma as Honors, High Honors, and Highest Honors. To be considered for honors, a student must have been in residence at the University for at least four semesters, or must have earned in residence a minimum of sixty-five hours credit. For the degree with Honors, the student must have a scholastic average of 4.0; for the degree with High Honors, a scholastic average of 4.25 (for transfer students no more than six hours of "D" in transferred credit); for the degree with Highest Honors, a scholastic average of 4.50 (for transfer students no hours of "D" in transferred credit).

### Electives

The electives provided in any curriculum of this college may consist of any courses given in the University and not required in the curriculum, not paralleling the subject matter of required courses, and not open to freshmen. The following, which are open to freshmen, are also acceptable as electives: History 1a, 1b, 2a, 2b, Library Science 12, Mathematics 2, 3, 4, 5, 6, Botany 1a, 1b, Geography 1, Geology 1, Zoology 1.

### Requirements in Foreign Language

In curricula where a foreign language is required, a student who has completed one or more high school units of a foreign language beyond the language entrance requirement may be excused from the curricula requirement to the extent that each high school unit is considered the equivalent of four semester hours' credit. Additional elective credit must be supplied for the credit requirement from which the student is excused.

### Inspection Trips

Inspection trips are required in the senior year of the curricula in architecture and landscape architecture. The time required is three or four days and the places visited are usually in Chicago. The trips are taken during term time under the supervision of University authorities. Students in certain art classes also make trips to industrial and art centers. (Not required in 1944-1945.)

### Departments and Curricula

The College of Fine and Applied Arts consists of the Department of Art, the Department of Architecture, the Department of Landscape Architecture, the School of Music, and the Bureau of Community Planning. The undergraduate curricula, which are described in the following paragraphs, are outlined on subsequent pages.

All departments in the College of Fine and Applied Arts reserve the right to retain, exhibit, and reproduce the work submitted by students for credit in any course.

**Architecture.**—Since the practice of architecture is so diversified that no one can encompass it in all its details, some degree of specialization is necessary. In order to train future architects two options are offered, the *general option* and the *construction option*. A general understanding of the profession of architecture from the standpoint of design, safety, and economy, and of the architect's duties, is emphasized in both options. The first year of work is identical in both; a field of specialization is selected in the second year.

The *general option* places the major emphasis on architectural design and includes a substantial program in architectural construction. While the aesthetic is emphasized, basic preparation in liberal and scientific fields is required. The aim is to train the student for efficient service as a draftsman or designer in an architectural organization and to provide him with the necessary foundation for future independent practice.

The *construction option* (architectural engineering) offers a major study in building design, a thorough training in all forms of building construction, and emphasizes the structural and mechanical aspects of architecture. As the curriculum includes two years of architectural design, freehand drawing, and the history of architecture, the student who is primarily interested in construction can acquire a considerable knowledge of the artistic and utilitarian phases of planning. This option affords a relatively wide range of elective courses in the social sciences, business, engineering, language, and literature. It also provides sufficient training for independent practice as an architectural engineer. Graduate courses leading to the degree of Master of Science in Architecture or Architectural Engineering are offered under the regulations of the Graduate School.

The Department of Architecture is located in the Building for Architecture and Kindred Subjects, where ample offices, studios, and drafting rooms are provided. The Ricker Library, occupying the second floor of the north wing of this building, includes 17,937 volumes on architecture and the allied arts, together with 18,077 lantern slides, 17,975 mounted photographs and drawings, 9,200 clippings, 1,115 pamphlets, and a large collection of stereoscopic views.

**Art.**—The curriculum in art permits a student to attain a proficiency in art and to secure a liberal education. The first year of the curriculum is basic and cultural, and at the beginning of the second year the student chooses his field of specialization in one of the following options:

The *option in painting* forms a preparation for the following fields of applied art and for related fields: landscape painting, portraiture, illustration, mural decoration.

The *option in art education* offers specialization in teaching methods, materials, and processes and conforms to the regulations set down by the office of the State Superintendent of Public Instruction. This option, while particularly designed for those students who are primarily interested in the teaching of art, affords preparation for the fields of art supervision and applied design.

The *option in industrial design* trains designers for machine industries. This option aims to give the student a firm grasp of the principles of design, to develop in him speed and resourcefulness in expression, and to train him to adapt his knowledge and creative abilities to the conditions under which the designer must work in industry. Students interested in *interior decoration* may secure basic training in the industrial design option.

The *option in commercial design* trains artists in the application of aesthetic principles in the fields of advertising, printing, merchandising, and salesmanship.

The Department of Art has a series of well-equipped and ideally lighted studios and modeling rooms in the Building for Architecture and Kindred Subjects. Additional studios are also maintained in Lincoln Hall, the Commerce Building, Engineering Hall, and the Civil Engineering Surveying Building.

This department has well-selected collections of models, casts, bronzes, paintings, etchings, and prints, and adequate collections of lantern slides and photographs of famous works of art. The Hall of Casts in the Architecture Building, well stocked with plaster replicas of many of the great works of sculptural art (including many of the masterpieces of Lorado Taft), makes an excellent place for sketching. Professional models are employed as subjects for the classes in drawing, painting, and modeling from life. Art students share in the use of the Ricker Library, which includes the literature of art as well as of architecture.

Courses in the history of art, drawing, and design are open to students from other colleges of the University.

**Landscape Architecture.**—The instructional work in landscape architecture consists of a four-year curriculum, leading to the degree of Bachelor of Fine Arts in Landscape Architecture, and is designed to prepare the student for professional practice by providing a carefully balanced program of technical courses and of basic courses in the humanities. Courses in the appreciation of landscape architecture, camouflage, and planning are offered for students in other colleges of the University.

The Department of Landscape Architecture occupies quarters in the New Agriculture Building. The equipment includes drafting rooms, a seminar room, a well-equipped room for making landscape models, and an excellent library. The collections of trees, shrubs, and other plants growing on the campus and about residences in the community, as well as a fine herbarium, furnish materials for the study of plants and of planting design.

**Music.**—The School of Music offers a curriculum in music, with three options as shown on the following pages, leading to the degree of Bachelor of Music, and a curriculum in music education, leading to the degree of Bachelor of Science in Music Education. A student enrolled in any music curriculum pursues throughout the four years of his course (except the third and fourth years of the curriculum in music education) a major applied subject (piano, voice, etc.) in which two 30-minute lessons a week are taken, and a *minor* in which one 30-minute lesson a week is taken for three years. Public performance is a definite part of the training in applied music, and all students, when sufficiently advanced, are required to participate in the student programs.

Courses in the history, theory, and appreciation of music are open to all qualified students in the University.

Graduate courses leading to the degree of Master of Music or the degree of

Master of Science in Music Education are offered under the regulations of the Graduate School.

The University Chorus, the University Orchestra, the University Men's Glee Club, and the University Women's Glee Club, are open to qualified persons from any college. The University Chorus meets once a week for rehearsal and gives two concerts during the year. Members of the faculty, students, and singers of the community are admitted by examination or conference with the director. The University Orchestra and the Glee Clubs meet for rehearsal twice each week and present concerts throughout the year.

The School of Music occupies the Tina Weedon Smith Memorial Hall, which has soundproof studios, extensive equipment of musical instruments, an auditorium designed for public recitals and concerts, a large lecture room, classrooms, and a library.

Vesper organ recitals on Sundays and concerts and recitals by members of the faculty and students in radio and other public programs are sponsored by the School of Music.

### Curriculum in Architecture — General Option

#### *For the Degree of Bachelor of Science in Architecture*

This curriculum, which requires 142 semester hours for graduation, emphasizes architectural design in the training of students for service as draftsmen and designers in architectural organizations and for independent practice. (Those who are especially interested in architectural engineering are referred to the construction option outlined on the following page.)

#### First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Arch. 31—Architectural Design.....	3		Arch. 32—Architectural Design.....	3	
Art 21a—Freehand Drawing.....	2		Art 21b—Freehand Drawing.....	2	
G.E.D. 7—Architectural Projections..	2		G.E.D. 8—Architectural Projections	2	
Rhet. 1—Rhetoric and Composition..	3		Rhet. 2—Rhetoric and Composition..	3	
Math. 2—College Algebra.....	3		Math. 6a—Analytic Geometry.....	4	
Math. 4—Trigonometry.....	2		Hygiene.....	2	
Physical Education.....	1		Physical Education.....	1	
Military Science (for Men).....	1		Military Science (for Men).....	1	
<i>Total</i> .....		17	<i>Total</i> .....		18

#### Second Year

Arch. 13—History of Architecture... 2	Arch. 14—History of Architecture... 2
Arch. 33—Architectural Design..... 3	Arch. 34—Architectural Design..... 3
Arch. 43—Technology of Materials... 3	Arch. 44—Technology of Materials... 3
Art 22a—Freehand Drawing..... 2	Art 22b—Freehand Drawing..... 2
Physics 7a—General Physics..... 4	Physics 7b—General Physics..... 4
Physics 8a—General Physics Lab.... 1	Physics 8b—General Physics Lab.... 1
T.A.M. 17—Elements of Mechanics.. 3	T.A.M. 18—Strength of Materials... 3
Physical Education..... 1	Physical Education..... 1
Military Science (for Men)..... 1	Military Science (for Men)..... 1
<i>Total</i> ..... 20	<i>Total</i> ..... 20

#### Third Year

Arch. 15—History of Architecture... 2	Arch. 16—History of Architecture... 2
Arch. 35—Architectural Design..... 5	Arch. 36—Architectural Design..... 5
Arch. 45—Structural Elements..... 3	Arch. 46—Theory of Structural Design 3
Arch. 65—Theory of Architecture... 1	Arch. 66—Theory of Architecture... 1
E.E. 90—Building Lighting..... 1	Arch. 55—Building Sanitation..... 1
Art 23a—Freehand Drawing..... 2	Art 23b—Freehand Drawing..... 2
French <sup>1</sup> ..... 4	French <sup>1</sup> ..... 4
Physical Education for Men..... 1	Physical Education for Men..... 1
<i>Total</i> ..... 19	<i>Total</i> ..... 19

<sup>1</sup>See requirements in foreign language, page 190.

## Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Arch. 17—History of Architecture . . .	2		Arch. 18—History of Architecture . . .	2	
Arch. 37—Architectural Design . . . . .	7		Arch. 38—Architectural Design . . . . .	7	
Arch. 68—Specifications . . . . .	3		Arch. 60—Concrete . . . . .	2	
Arch. 99—Inspection Trip . . . . .	0		Art 50—Modeling . . . . .	2	
Art 24a—Freehand Drawing . . . . .	2		Art 24b—Freehand Drawing . . . . .	2	
M.E. 25—Heating and Ventilating . . .	2		Physical Education for Men . . . . .	1	
Physical Education for Men . . . . .	1				
<i>Total</i> . . . . .		17	<i>Total</i> . . . . .		16

## Curriculum in Architecture—Construction Option

For the Degree of Bachelor of Science in Architectural Engineering

## First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Arch. 31—Architectural Design . . . . .	3		Arch. 32—Architectural Design . . . . .	3	
Art 21a—Freehand Drawing . . . . .	2		Art 21b—Freehand Drawing . . . . .	2	
G.E.D. 7—Architectural Projections . .	2		G.E.D. 8—Architectural Projections . .	2	
Rhet. 1—Rhetoric and Composition . .	3		Rhet. 2—Rhetoric and Composition . .	3	
Math. 2—College Algebra . . . . .	3		Math. 6a—Analytic Geometry . . . . .	4	
Math. 4—Trigonometry . . . . .	2		Hygiene . . . . .	2	
Physical Education . . . . .	1		Physical Education . . . . .	1	
Military Science (for Men) . . . . .	1		Military Science (for Men) . . . . .	1	
<i>Total</i> . . . . .		17	<i>Total</i> . . . . .		18

## Second Year

Arch. 13—History of Architecture . . .	2		Arch. 14—History of Architecture . . .	2	
Arch. 33—Architectural Design . . . . .	3		Arch. 34—Architectural Design . . . . .	3	
Art 22a—Freehand Drawing . . . . .	2		Art 22b—Freehand Drawing . . . . .	2	
Math. 7—Differential Calculus . . . . .	5		Math. 9—Integral Calculus . . . . .	3	
Physics 7a—General Physics . . . . .	4		Physics 7b—General Physics . . . . .	4	
Physics 8a—General Physics Lab. . . . .	1		Physics 8b—General Physics Lab. . . . .	1	
Physical Education . . . . .	1		T.A.M. 1—Analytical Mech. (Statics)	2	
Military Science (for Men) . . . . .	1		Physical Education . . . . .	1	
			Military Science (for Men) . . . . .	1	
<i>Total</i> . . . . .		19	<i>Total</i> . . . . .		19

## Third Year

Arch. 15—History of Architecture . . .	2		Arch. 16—History of Architecture . . .	2	
Arch. 43—Technology of Materials . . .	3		Arch. 44—Technology of Materials . . .	3	
Arch. 45—Structural Elements . . . . .	3		Arch. 46—Theory of Structural Design	3	
T.A.M. 3—Resistance of Materials . . .	3		T.A.M. 2—Analytical Mechanics		
T.A.M. 63—Resist. of Materials Lab.	1		(Dynamics) . . . . .	3	
Language or Elective . . . . .	4		Language or Elective . . . . .	4	
E.E. 14—Wiring and Illumination . . .	3		Physical Education for Men . . . . .	1	
Physical Education for Men . . . . .	1		Electives . . . . .	3	
<i>Total</i> . . . . .		20	<i>Total</i> . . . . .		19

## Fourth Year

Arch. 47—Theory of Structures . . . . .	5		Arch. 48—Advanced Structures . . . . .	5	
Arch. 57—Reinforced Concrete Theory	3		Arch. 58—Reinforced Concrete Design	3	
Arch. 83—Office Practice . . . . .	2		Arch. 56—Building Sanitation . . . . .	2	
Arch. 99—Inspection Trip . . . . .	0		Arch. 68—Specifications . . . . .	3	
M.E. 23—Mech. Equip. of Bldgs. . . . .	4		Physical Education for Men . . . . .	1	
M.E. 21—M.E. Laboratory . . . . .	1				
Physical Education for Men . . . . .	1				
<i>Total</i> . . . . .		16	<i>Total</i> . . . . .		14

**Curriculum in Art**

NOTE:—The first year is common to all options of the curriculum in art.

**First Year**

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Art 25—Art Form . . . . .	5		Art 26—Art Form . . . . .	5	
Arch. 71—Elements of Drawing . . . . .	3		Arch. 72—Elements of Drawing . . . . .	3	
Rhet. 1—Rhetoric and Composition . . . . .	3		Rhet. 2—Rhetoric and Composition . . . . .	3	
Language . . . . .	4		Language . . . . .	4	
Hygiene . . . . .	2		Physical Education . . . . .	1	
Physical Education . . . . .	1		Military Science (for Men) . . . . .	1	
Military Science (for Men) . . . . .	1				
<i>Total</i> . . . . .		18-19	<i>Total</i> . . . . .		16-17

**OPTION IN PAINTING**

*For the Degree of Bachelor of Fine Arts in Painting*

**First Year**

Common Program for Freshmen (see above).

**Second Year**

Art 13—History of Art and Culture— Ancient Period . . . . .	2	Art 14—History of Art and Culture— Medieval Period . . . . .	2
Art 27—Life Drawing . . . . .	5	Art 28—Life Drawing . . . . .	5
Art 32a—Elements of Composition . . . . .	2	Art 32b—Elements of Composition . . . . .	2
Art 41a—Still Life . . . . .	2	Art 41b—Still Life . . . . .	2
Physical Education . . . . .	1	Physical Education . . . . .	1
Military Science (for Men) . . . . .	1	Military Science (for Men) . . . . .	1
Electives . . . . .	4	Electives . . . . .	4
<i>Total</i> . . . . .	16-17	<i>Total</i> . . . . .	16-17

**Third Year**

Art 15—History of Art and Culture— Italian Renaissance . . . . .	2	Art 16—History of Art and Culture— Renaissance in Germany . . . . .	2
Art 29—Life Drawing and Portrait . . . . .	5	Art 30—Life Drawing and Portrait . . . . .	5
Art 33a—Intermediate Composition . . . . .	3	Art 33b—Intermediate Composition . . . . .	3
Art 37a—Illustration . . . . .	2	Art 37b—Illustration . . . . .	2
English or American Literature . . . . .	3	English or American Literature . . . . .	3
Physical Education for Men . . . . .	1	Physical Education for Men . . . . .	1
<i>Total</i> . . . . .	15-16	<i>Total</i> . . . . .	15-16

**Fourth Year**

Art 17—History of Art and Culture— Renaissance in France, Spain, and England . . . . .	2	Art 18—History of Art and Culture— Modern Period . . . . .	2
Art 34a—Advanced Composition . . . . .	4	Art 34b—Advanced Composition . . . . .	4
Art 47—Life Painting . . . . .	4	Art 48—Life Painting . . . . .	4
Art Elective . . . . .	2	Art Elective . . . . .	2
Physical Education for Men . . . . .	1	Physical Education for Men . . . . .	1
Electives . . . . .	1-5	Electives . . . . .	3-5
<i>Total</i> . . . . .	14-17	<i>Total</i> . . . . .	14-17

**OPTION IN ART EDUCATION**

*For the Degree of Bachelor of Fine Arts in Art Education*

**First Year**

Common Program for Freshmen (see above).



## Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Art 13—History of Art and Culture— Ancient Period . . . . .	2	Art 14—History of Art and Culture— Medieval Period . . . . .	2
Art 27—Life Drawing . . . . .	5	Art 28a—Life Drawing . . . . .	2
Art 32a—Elements of Composition . . . . .	2	Art 32b—Elements of Composition . . . . .	2
Ed. 1—American Public School . . . . .	3	Art 41a—Still Life . . . . .	2
D.G.S. 3a—General Biology . . . . .	4	D.G.S. 3b—General Biology . . . . .	4
Physical Education . . . . .	1	Psych. 1—Introduction to Psychology . . . . .	4
Military Science (for Men) . . . . .	1	Physical Education . . . . .	1
		Military Science (for Men) . . . . .	1
<i>Total</i> . . . . .	<u>17-18</u>	<i>Total</i> . . . . .	<u>17-18</u>

## Third Year

Art 15—History of Art and Culture— Italian Renaissance . . . . .	2	Art 16—History of Art and Culture— Renaissance in Germany . . . . .	2
Art 10a—Course for Teachers . . . . .	3	Art 10b—Art Education Methods . . . . .	2
Art 33a—Intermediate Composition . . . . .	3	Art 37a—Illustration . . . . .	2
Ed. 25—Educational Psychology . . . . .	3	Ed. 6b—Principles of Secondary Education . . . . .	3
Pol. Sci. 1a—American Government . . . . .	3	Hist. 3b—History of the United States . . . . .	3
Speech 10—Oral Interpretation of Literature . . . . .	2	Physical Education for Men . . . . .	1
Physical Education for Men . . . . .	1	Electives <sup>1</sup> . . . . .	3
<i>Total</i> . . . . .	<u>16-17</u>	<i>Total</i> . . . . .	<u>16-17</u>

## Fourth Year

Art 17—History of Art and Culture— Renaissance in France, Spain, and England . . . . .	2	Art 18—History of Art and Culture— Modern Period . . . . .	2
Art 70a—Craft Materials and Technique . . . . .	2	Art 70b—Advanced Crafts . . . . .	4
Ed. 10b—Technic of Teaching . . . . .	3	Art 2a—Water Color . . . . .	2
Ed. Prac. 9—Drawing, Art . . . . .	5	Physical Education for Men . . . . .	1
Physical Education for Men . . . . .	1	Electives . . . . .	3-7
Electives . . . . .	0-2		
<i>Total</i> . . . . .	<u>13-15</u>	<i>Total</i> . . . . .	<u>12-15</u>

## OPTION IN COMMERCIAL DESIGN

*For the Degree of Bachelor of Fine Arts in Commercial Design*

## First Year

Common Program for Freshmen (page 194).

## Second Year

Art 13—History of Art and Culture— Ancient Period . . . . .	2	Art 14—History of Art and Culture— Medieval Period . . . . .	2
Art 27—Life Drawing . . . . .	5	Art 28—Life Drawing . . . . .	5
Art 32a—Elements of Composition . . . . .	2	Art 32b—Elements of Composition . . . . .	2
Art 41a—Still Life . . . . .	2	Art 41b—Still Life . . . . .	2
Physical Education . . . . .	1	Physical Education . . . . .	1
Military Science (for Men) . . . . .	1	Military Science (for Men) . . . . .	1
Electives . . . . .	4	Electives . . . . .	4
<i>Total</i> . . . . .	<u>16-17</u>	<i>Total</i> . . . . .	<u>16-17</u>

<sup>1</sup>A minimum of 16 hours for a second teaching subject is required.

## Third Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Art 15—History of Art and Culture—			Art 16—History of Art and Culture—		
Italian Renaissance . . . . .	2		Renaissance in Germany . . . . .	2	
Art 29a—Figure Drawing . . . . .	3		Art 30a—Figure Drawing . . . . .	3	
Art 61—Patterns and Lettering . . . . .	3		Art 62—Patterns and Lettering . . . . .	3	
Art 65—Commercial Design . . . . .	3		Art 66—Commercial Design . . . . .	3	
Journ. 33—Advertising Layout . . . . .	3		Physical Education for Men . . . . .	1	
Physical Education for Men . . . . .	1		Electives . . . . .	4-5	
<i>Total</i> . . . . .		14-15	<i>Total</i> . . . . .		16-17

## Fourth Year

Art 19a—Hist. of Art in Industry . . . . .	2	Art 19b—Hist. of Art in Industry . . . . .	2
Art 67—Advanced Commercial		Art 68—Advanced Commercial	
Design . . . . .	5	Design . . . . .	5
B.O.O. 10—Newspaper Advertising . . . . .	3	B.O.O. 18—Advertising Campaigns . . . . .	3
Physical Education for Men . . . . .	1	Physical Education for Men . . . . .	1
Electives . . . . .	4-5	Electives . . . . .	5-6
<i>Total</i> . . . . .	15-16	<i>Total</i> . . . . .	15-17

## OPTION IN INDUSTRIAL DESIGN

*For the Degree of Bachelor of Fine Arts in Industrial Design*

## First Year

Common Program for Freshmen (page 194).

## Second Year

Art 13—History of Art and Culture—		Art 14—History of Art and Culture—	
Ancient Period . . . . .	2	Medieval Period . . . . .	2
Art 4a—Interior Design . . . . .	2	Art 4b—Interior Design . . . . .	2
Art 27a—Life Drawing . . . . .	2	Art 28a—Life Drawing . . . . .	2
Art 32a—Elements of Composition . . . . .	2	Art 32b—Elements of Composition . . . . .	2
Art 41a—Still Life Drawing . . . . .	2	Art 41b—Still Life Drawing . . . . .	2
Art 51a—Advanced Modeling . . . . .	2	Art 51b—Advanced Modeling . . . . .	2
Physical Education . . . . .	1	Physical Education . . . . .	1
Military Science (for Men) . . . . .	1	Military Science (for Men) . . . . .	1
Electives . . . . .	3	Electives . . . . .	3
<i>Total</i> . . . . .	16-17	<i>Total</i> . . . . .	16-17

## Third Year

Art 15—History of Art and Culture—		Art 16—History of Art and Culture—	
Italian Renaissance . . . . .	2	Renaissance in the Low Countries . . . . .	2
Art 61—Patterns and Lettering . . . . .	3	Art 62—Patterns and Lettering . . . . .	3
Art 71—Materials and Techniques . . . . .	2	Art 72—Materials and Techniques . . . . .	2
Art 75—Industrial Design . . . . .	3	Art 76—Industrial Design . . . . .	3
G.E.D. 4—Mechanical Drawing . . . . .	4	M.E. 85—Pattern and Foundry Lab.	3
or Home Econ. 7—Selection and		or Home Econ. 19—Costume De-	
Care of Textiles . . . . .	3	sign . . . . .	2
Physical Education for Men . . . . .	1	Physical Education for Men . . . . .	1
Electives . . . . .	1-2	Electives . . . . .	2-3
<i>Total</i> . . . . .	15-16	<i>Total</i> . . . . .	15-16

## Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Art 19a—Hist. of Art in Industry....	2		Art 19b—Hist. of Art in Industry... 2	2	
Art 77—Advanced Industrial Design..	5		Art 78—Advanced Industrial Design	5	
Econ. 2—Elements of Economics....	3		B.O.O. 2—Marketing.....	3	
M.E. 87—Machine Tool Lab.....	3		M.E. 88—Machine Tool Lab.; or		
or Arch. 75—Frame Construction..	2		Home Econ. 3—Home Decoration..	3	
Physical Education for Men.....	1		Physical Education for Men.....	1	
			Electives.....	3-4	
<i>Total</i> .....		12-14	<i>Total</i> .....		17

## Curriculum in Landscape Architecture

For the Degree of Bachelor of Fine Arts in Landscape Architecture

## First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Art 21a—Freehand Drawing.....	2		Art 21b—Freehand Drawing.....	2	
G.E.D. 7—Architectural Projections..	2		G.E.D. 8—Architectural Projections	2	
Rhet. 1—Rhetoric and Composition..	3		Rhet. 2—Rhetoric and Composition..	3	
L.A. 11—History of Land. Arch.....	3		Botany 5—General Botany.....	3	
L.A. 30a—Elements of Land. Arch... 3			L.A. 30b—Elements of Land. Arch... 3		
Physical Education.....	1		Physical Education.....	1	
Military Science (for Men).....	1		Military Science (for Men).....	1	
			Hygiene.....	2	
<i>Total</i> .....		14-15	<i>Total</i> .....		16-17

## Second Year

Arch. 11—History of Architecture....	3		Arch. 12—History of Architecture... 3		
Arch. 75—Frame Construction.....	2		Arch. 76—Masonry Construction... 2		
Art 22a—Freehand Drawing.....	2		Art 22b—Freehand Drawing.....	2	
C.E. 17—Surveying.....	3		C.E. 18—Surveying.....	3	
L.A. 31—Landscape Design.....	3		L.A. 32—Landscape Design.....	3	
Speech 1.....	3		L.A. 74—Regional Planning.....	3	
Physical Education.....	1		Physical Education.....	1	
Military Science (for Men).....	1		Military Science (for Men).....	1	
<i>Total</i> .....		17-18	<i>Total</i> .....		17-18

## Third Year

L.A. 33—Landscape Design.....	4		L.A. 34—Landscape Design.....	4	
L.A. 43—Landscape Construction... 3			L.A. 44—Landscape Construction... 3		
L.A. 51—Trees and Shrubs.....	3		L.A. 52—Trees and Shrubs.....	3	
English or American Literature....	3		English or American Literature....	3	
Physical Education for Men.....	1		Hort. 31—Garden Flowers.....	3	
Electives.....	3-5		Physical Education for Men.....	1	
<i>Total</i> .....		17-18	<i>Total</i> .....		16-17

## Fourth Year

L.A. 35—Landscape Design.....	5		L.A. 36—Landscape Design.....	5	
L.A. 55—Care of Plant Materials... 2			L.A. 46—Office Practice.....	2	
L.A. 53—Planting Design.....	4		L.A. 54—Planting Design.....	4	
L.A. 71—Planning of Towns and Cities 2			L.A. 72—Planning of Towns and Cities 2		
Physical Education for Men.....	1		Physical Education for Men.....	1	
Electives.....	0-2		Electives.....	0-3	
<i>Total</i> .....		14-16	<i>Total</i> .....		14-17

## Curriculum in Music—Instrumental Major

(Piano, Violin, Violoncello, Organ, or Band and Orchestral Instruments)

*For the Degree of Bachelor of Music*

NOTE: A student enrolled in this curriculum takes two applied subjects, one a major (34 to 40 hours credit), and the other a minor (12 hours credit).

In the Band and Orchestral Instruments Major (34 hours major credit), the credit in Major Applied Music in the second, third, and fourth years is 4 hours each semester, including work on supplementary band and orchestral instruments and conducting. Only 8 hours are required in the minor subject.

## First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Major Applied Music Subject	.....	5	Major Applied Music Subject	.....	5
Minor Applied Music Subject	.....	2	Minor Applied Music Subject	.....	2
Music 3a—Theory of Music	.....	3	Music 3b—Theory of Music	.....	3
Music 3c—Ear Training and Sight Singing	.....	1	Music 3d—Ear Training and Sight Singing	.....	1
Rhet. 1—Rhetoric and Composition	..	3	Rhet. 2—Rhetoric and Composition	..	3
Physical Education	.....	1	Physical Education	.....	1
Military Science (for Men)	.....	1	Military Science (for Men)	.....	1
			Hygiene	.....	2
<i>Total</i>	.....	15-16	<i>Total</i>	.....	17-18

## Second Year

Major Applied Music Subject	.....	4-5	Major Applied Music Subject	.....	4-5
Minor Applied Music Subject	.....	2	Minor Applied Music Subject	.....	2
Music 1—History of Music	.....	2	Music 2—History of Music	.....	2
Music 4a—Theory of Music	.....	3	Music 4b—Theory of Music	.....	3
Music 4c—Ear Training and Sight Singing	.....	1	Music 4d—Ear Training and Sight Singing	.....	1
French, German, or Italian	.....	4	French, German, or Italian	.....	4
Physical Education	.....	1	Physical Education	.....	1
Military Science (for Men)	.....	1	Military Science (for Men)	.....	1
<i>Total</i>	.....	17-19	<i>Total</i>	.....	17-19

## Third Year

Major Applied Music Subject	.....	4-5	Major Applied Music Subject	.....	4-5
Minor Applied Music Subject	.....	2	Minor Applied Music Subject	.....	2
Music 5a—Advanced Harmony	.....	2	Music 5b—Advanced Harmony	.....	2
Music 30a—Ensemble	.....	½	Music 30b—Ensemble	.....	½
Music 9—Analysis, Musical Form	....	2	Music 10—Analysis, Musical Form	..	2
Physical Education for Men	.....	1	Physical Education for Men	.....	1
Electives	.....	4-5	Electives	.....	4-5
<i>Total</i>	.....	15½-16½	<i>Total</i>	.....	15½-16½

## Fourth Year

Major Applied Music Subject	.....	4-5	Major Applied Music Subject	.....	4-5
Music 6a—Free Counterpoint <sup>1</sup>	.....	2	Music 6b—Free Counterpoint <sup>1</sup>	.....	2
Music 32—Adv. History of Music	....	2	Music 33—Adv. History of Music	..	2
Music 31a—Ensemble	.....	½	Music 31b—Ensemble	.....	½
Physical Education for Men	.....	1	Physical Education for Men	.....	1
Electives	.....	1-6	Electives	.....	5
<i>Total</i>	.....	10½-16½	<i>Total</i>	.....	14½-16½

<sup>1</sup>Music 19a and 20a (Double Counterpoint, Canon, and Fugue) are required of Organ Majors, instead of Music 6a and 6b. In the Band and Orchestral Instruments Major, Music 15 and 16 (Instrumentation), 2 hours each semester, are required instead of Music 6a and 6b.

## Curriculum in Music — Voice Major

*For the Degree of Bachelor of Music*

## First and Second Years

The first two years of work are the same as for the Instrumental Major, except that the credit in the Major Applied Music in the *Second Year* is four hours each semester instead of five hours. The Major Applied Music subject throughout the course includes classes in Singing Diction as well as private lessons in Voice. At least eight hours each of Italian, French, and German are required for the Voice Major.

## Third Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Music 54a—Voice.....	3		Music 54b—Voice.....	3	
Music 54c—Singing Diction.....	1		Music 54d—Singing Diction.....	1	
Minor Applied Music Subject.....	2		Minor Applied Music Subject.....	2	
Music 5a—Advanced Harmony.....	2		Music 5b—Advanced Harmony.....	2	
Music 30a—Ensemble.....	$\frac{1}{2}$		Music 30b—Ensemble.....	$\frac{1}{2}$	
Music 9—Analysis, Musical Form....	2		Music 10—Analysis, Musical Form..	2	
Language.....	4		Language.....	4	
Physical Education for Men.....	1		Physical Education for Men.....	1	
<i>Total.....</i>	$14\frac{1}{2}$ — $15\frac{1}{2}$		<i>Total.....</i>	$14\frac{1}{2}$ — $15\frac{1}{2}$	

## Fourth Year

Music 55a—Voice.....	3		Music 55b—Voice.....	3	
Music 55c—Singing Diction.....	1		Music 55d—Singing Diction.....	1	
Music 32—Adv. History of Music....	2		Music 33—Adv. History of Music...	2	
Music 28a—Music Dramas of Wagner	2		Music 28b—Music Dramas of Wagner	2	
Music 31a—Ensemble.....	$\frac{1}{2}$		Music 31b—Ensemble.....	$\frac{1}{2}$	
Physical Education for Men.....	1		Physical Education for Men.....	1	
Electives.....	6—7		Electives.....	3—7	
<i>Total.....</i>	$15\frac{1}{2}$ — $16\frac{1}{2}$		<i>Total.....</i>	$12\frac{1}{2}$ — $16\frac{1}{2}$	

## Curriculum in Music — Theory Major

*For the Degree of Bachelor of Music*

A student may take a major in Theory of Music only on recommendation of the Director. The complete theory course offered in the Instrumental Major must be completed with Music 3a-b and Music 4a-b taken concurrently in the freshman year. In addition, the courses in Composition (Music 11a-b and 12a-b) and Instrumentation (Music 15 and 16) must be taken in the third and fourth years. A recital of original composition is required.

The student will continue the study of applied music throughout three years of his course of study. Whether or not piano is the major instrument, the student should acquire a thorough practical knowledge of the pianoforte. He will find it advantageous to spend, if possible, at least one semester each in the study of three orchestral instruments, to include one instrument in each section of the orchestra, i.e., string, woodwind, and brass.

## Curriculum in Music Education

*For the Degree of Bachelor of Science in Music Education*

The minimum requirements for teaching music in the primary and secondary schools are (1) that the teacher be sufficiently proficient on the piano to play accompaniments of music education materials and to play at sight such materials as hymns, community songs, and folk songs, and (2) that he have a sufficient knowledge of voice to sing with a pleasant tone quality, to sing at sight, and to be able to impart the principles of voice production. If students in these areas of specialization can not meet these requirements, they must take additional work in the branches of applied music in which they are deficient.

First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Major Applied Music Subject	5		Major Applied Music Subject	5	
Minor Applied Music Subject	2		Minor Applied Music Subject <sup>1</sup>	2	
Music 3a—Strict Counterpoint	3		Music 3b—Strict Counterpoint	3	
Music 3c—Ear Training and Sight Singing	1		Music 3d—Ear Training and Sight Singing	1	
D.G.S. 1a—Verbal Expression	4		D.G.S. 1b—Verbal Expression	4	
Physical Education	1		Physical Education	1	
Military Science (for Men)	1		Military Science (for Men)	1	
			Hygiene	2	
<i>Total</i>		16-17	<i>Total</i>		18-19

Second Year

Major Applied Music Subject	5		Major Applied Music Subject	5	
Music 68a—String Instruments	2		Music 68b—String Instruments	2	
Music 1—History of Music	2		Music 2—History of Music	2	
Music 4a—Harmony	3		Music 4b—Harmony	3	
Music 4c—Ear Training and Sight Singing	1		Music 4d—Ear Training and Sight Singing	1	
D.G.S. 3a—General Biology	4		D.G.S. 3b—General Biology	4	
Physical Education	1		Physical Education	1	
Military Science (for Men)	1		Military Science (for Men)	1	
<i>Total</i>		18-19	<i>Total</i>		18-19

Third Year

Music 25—Elementary and Junior High School Music	2		Music 26—Senior High School Choral Music	2	
Music 98a—Wind Instruments	2		Music 98b—Wind Instruments	2	
Music 5a—Advanced Harmony	2		Music 5b—Advanced Harmony	2	
Music 30a—Ensemble	1/2		Music 30b—Ensemble	1/2	
Psych. 1—Introduction to Psychology	4		Ed. 25—Educational Psychology	3	
Pol. Sci. 1a—American Government	3		Hist. 3b—History of the United States	3	
Ed. 1—American Public School	3		Physical Education for Men	1	
Physical Education for Men	1		Electives <sup>2</sup>	2	
<i>Total</i>		16 1/2-17 1/2	<i>Total</i>		14 1/2-15 1/2

Fourth Year

Music 95c—Conducting	2		Music 27—Instrumental School Music	2	
Music 13—Appreciation of Music	2		Music 14a—Appreciation of Music	2	
Music 15—Instrumentation	1		Music 16—Instrumentation	1	
Music 31a—Ensemble	1/2		Music 31b—Ensemble	1/2	
Ed. Prac. 20a or 20b	2-3		Ed. Prac. 20a or 20b	2-3	
Ed. 10b—Technic of Teaching	3		Ed. 6b—Principles of Secondary Education	3	
Physical Education for Men	1		Physical Education for Men	1	
Electives	2-3		Electives	3-4	
<i>Total</i>		12 1/2-14 1/2	<i>Total</i>		12 1/2-14 1/2

<sup>1</sup>A qualifying examination in the Minor Applied Music Subject (piano and/or voice) is given at the end of one year of study. The subjects must be continued until the examination is passed.

<sup>2</sup>A minimum of 16 hours for a second teaching subject is required. Subjects recommended are English and art.

**THE UNIVERSITY BANDS**

**T**HE UNIVERSITY BANDS normally comprise three organizations: the Concert Band, the First Regimental Band, and the Second Regimental Band. Places in these organizations are determined by examination. Members of the Concert Band are eligible to receive scholarships amounting to the tuition fees required from students residing in Illinois.

The bands furnish the music for military ceremonies, parades, convocations, athletic events, Commencement, and other occasions. The First and Second Regimental Bands serve to train members for the Concert Band, which is composed of selected musicians whose main purpose is to study the higher forms of music. In addition to concerts on the campus, numerous concerts have been given in midwestern cities.

The University owns a varied and complete equipment of band instruments and a very extensive collection of band music, including the John Philip Sousa Memorial Library, which is undoubtedly the greatest collection of music for the modern symphonic band in this country and one of the largest and finest libraries of band music in the world.

Further information may be obtained by addressing the Director of University Bands, Band Building, Urbana, Illinois.

# The College of Law

**I**N TRAINING MEN AND WOMEN FOR THE PRACTICE OF LAW the College of Law seeks to inculcate an appreciation of the purpose of law in the social order and an understanding of the development of law and the necessity of its growth as conditions change. To this end the decisions of the courts are studied in relation to the social and economic forces that influence trends in the law. Emphasis is placed on the responsibility of lawyers to society for the rational development and improvement of the law, both in its substance and in its administration.

The faculty recognizes that some graduates of this college will not enter the practice of law but will go into government service or will become teachers or legislators or judges. The program of study therefore includes not only courses for those who are preparing themselves for general practice, but also a number of courses in special fields.

The case method of instruction is employed, especially in the courses of the first and second years. Through analysis of selected cases and statutes and through discussion of principles deduced from them, the students are introduced to materials used in the practice of law and are taught to make discriminations and to reason by analogy. The seminar method is used in some of the advanced courses, in which legal materials are studied in the context of disciplines related to law.

The College offers two curricula: a three-year program in law which is intended for students who have completed three or four years of college work; and a four-year program for those who have had two years of pre-legal college work.

For *admission*, see pages 81 and 91; for general University requirements for *graduation*, see page 96; for regulations concerning *unclassified students*, see page 89; for *prizes*, see page 120; for *fees*, see page 100. A more extended statement on the program of the College of Law may be obtained by writing to the Dean of the College of Law, 301 Altgeld Hall, Urbana, Illinois.

## Wartime Program

The College of Law operates on a year-round schedule, under which the calendar year is divided into three sixteen-week terms. Each of these terms is the equivalent of a normal semester. The program is so arranged that the student may start his law studies at the beginning of any session. If from then on he attends each successive term, it is possible for him to finish the regular three-year course in law in two calendar years. A student in the four-year curriculum in law may accelerate his program proportionately.

The College has initiated a program of refresher lectures in the basic law courses for returning veterans who had their law studies interrupted by the war. These lectures are offered for a period of two weeks before the beginning of each semester and are given without charge to the student.

## Building and Library

The Law Building was renamed Altgeld Hall in 1940 in honor of John Peter Altgeld, who as Governor of Illinois and a member of the Board of Trustees of the University from 1893 to 1897 was instrumental in the founding of the College of Law. The building, constructed in 1896 of Minnesota sandstone, and occupied by the University Library until 1926, is of modern Romanesque style. On the first floor are two large classrooms and lockers for students. On the second floor, besides offices and a reading room for the faculty, there are two reading rooms with a combined seating capacity of 165 persons; the library delivery room, with entrance to the book stack,



is on this floor. The third floor consists of administrative and faculty offices, two small classrooms, and an assembly room with a seating capacity of 350 persons.

The Law Library contains approximately 74,000 volumes, including the reports of the United States Supreme Court and of the inferior federal courts, reports of the state courts of last resort in both official edition and National Reporter System, practically all of the published decisions of inferior state courts, and most of the English, Irish, Scotch, and British Colonial reports. In addition it contains the current statute law of the United States, the several states, and Great Britain; it contains about 7,000 volumes of older compilations and session laws. It has an extensive collection of encyclopedias, digests, legal services, treatises, textbooks, and bar association reports, and 5,500 bound volumes of legal periodicals. More than 200 periodicals are received currently.

### Curricula and Degrees

Each student may choose one of the following programs, which allow combinations of courses leading to various degrees:

(1) He may pursue his college course for at least three years before entering the three-year curriculum in law. If he follows this program, and if he has spent at least one year in residence as an undergraduate in the University of Illinois, thirty-two hours of law may be credited toward the degree of Bachelor of Arts in the College of Liberal Arts and Sciences, or thirty hours toward the degree of Bachelor of Science in either the College of Commerce or the College of Agriculture. In this manner he may obtain in six years both the degree of A.B. or B.S. and a degree in law (LL.B. or J.D.).

(2) If a student pursues his college course for only two years and then enters the four-year curriculum in law, he can, after two years in the College of Law, obtain the degree of Bachelor of Science in law, and after two additional years a professional degree in law (LL.B. or J.D.). In this curriculum he will be required to register in certain courses particularly designed for it.

### Pre-Legal Study

Students are advised to plan their pre-legal college work with care and to consult members of the law faculty in regard to their plans. Those who are enrolled in a curriculum leading toward degrees in both liberal arts and law, or commerce and law, or agriculture and law, must exercise care to comply with the group, major, and minor requirements of the college in which their pre-legal work is taken. Such students are urged to complete all of these requirements before entering the College of Law, in order that they may devote their entire time to the first year of the law curriculum.

The prospective law student is advised to choose his work, beyond those subjects prescribed in the college in which he is registered, from among the following fields: English, with special emphasis on rhetoric and speech; political science; history, with emphasis on American and English constitutional history; economics; philosophy, and particularly logic; Latin; psychology; sociology; and accountancy. The social sciences provide an excellent background for law, and students carrying majors in other fields should take as much work as possible in the social sciences.

The curriculum in the Division of General Studies of the College of Liberal Arts and Sciences offers a well-balanced program for pre-legal students. Attention is also called to the fact that engineering and law, agriculture and law, and chemistry and law are very good combinations in the preparation they give for special fields of practice.

A student registered in another college of the University who is qualified to enroll in either the three-year or the four-year curriculum may elect courses in the College of Law, provided that no fewer than two courses amounting to at least five hours are taken each semester, under the advice of the Dean of the College of Law as to the courses to be taken; and provided, further, that if any such student desires to take more than six hours of law work, he must register in the College of Law and thus become subject to its regulations.

### Transfer of Credit

Students from law schools of approved standing who comply with the requirements for admission to this college may receive by transfer not to exceed two years of credit. The amount of credit given for work taken in another school is conditioned upon the standards of the school and the grades the student has received. As a rule, credit will

be given only in subjects in which the applicant has secured a grade ten per cent above the passing mark, or, where the letter system of grading is employed, one letter above the passing grade.

### Three-Year Curriculum in Law

The courses of the first year in this curriculum are prescribed as shown in the following outline. The courses of the second and third years are elective. Fifteen hours of law work are enough to occupy a student's full time; he can not register for more without special permission.

First Year	HOURS
Law 1a—Contracts I.....	3
Law 1b—Contracts I.....	3
Law 2a—Torts.....	3
Law 2b—Torts.....	3
Law 3a—Property I.....	3
Law 3b—Property II.....	3
Law 4a—Remedies.....	3
Law 4b—Trial Practice.....	3
Law 5—Criminal Law.....	3
Law 10—Equity.....	3
<i>Total</i> .....	<u>30</u>

### Four-Year Curriculum in Law

The prescribed courses of the first year of the four-year program are here outlined. The maximum number of hours for which a student may register in any semester is fifteen.

First Year	HOURS
Law 1a—Contracts I.....	3
Law 1b—Contracts I.....	3
Law 2a—Torts.....	3
Law 2b—Torts.....	3
Law 3a—Property I.....	3
Law 3b—Property II.....	3
Law 4a—Remedies.....	3
Law 10—Equity.....	3
Law 44a—Constitutional History of England.....	3
Law 44b—Constitutional History of England.....	3
<i>Total</i> .....	<u>30</u>

### Grades and Credits

Regular written examinations are given at the close of each semester in all subjects except those in which such an examination is impracticable. The grades given at the end of each course are A, excellent; B, good; C, fair; D, poor; E, failure. For the purpose of computing the average grade of a student, the following values are assigned to the grades received: A = 5; B = 4; C = 3; D = 2; E = 1.

A student in the College of Law will be dropped from the University if at the end of his first year of residence he has not secured an average of 3.0 in his work; or if at the end of any subsequent year of residence, except the final year of the curriculum in which he is registered, he has failed to secure an average of 3.0 in all of his law work taken up to that time; or if he has failed in any semester to pass in at least eight hours of the work in which he was registered; or if, being registered in less than eight hours in a semester, he has not passed all his courses. A student who, at the end of the final year of the three-year or four-year curriculum, has failed to secure an average of 3.0 in all law work taken by him in this college will be permitted to continue only by special permission granted on petition.

In order to count resident study in full satisfaction of the time requirement, a student must carry courses aggregating not less than ten hours a week each semester or term. Proportional credit toward the time requirement is awarded to students carrying less than ten hours a week.

### Requirements for Graduation

The law degree for which a student is eligible is determined by the curriculum in which he has been enrolled, the number of years of law work which he has completed, and the grades which he has received.

The degree of Bachelor of Science (B.S.) is conferred on a student who has completed the first two years of work (58 credit hours) in the four-year curriculum in law and has received grades averaging at least "C" (3.) in all courses taken in the College of Law.

The degree of Bachelor of Laws (LL.B.) is conferred on a student who has completed either the four-year curriculum (112 credit hours) or the three-year curriculum (84 credit hours) and has received grades averaging at least "C" (3.) in all courses taken in the College of Law. In the three-year curriculum the student must have studied law for a period equal to three academic years in order to qualify for the degree.

The degree of Doctor of Law (J.D.) is conferred on a student who has secured the B.S. degree in law (see above) or a bachelor's degree in an approved undergraduate college and has completed the work required for the degree of Bachelor of Laws (as stated above) and has obtained a minimum grade average of "B" (4.) in all courses taken in the College of Law.

### Honors

A student who complies with the requirements for graduation from the College of Law (degree of B.S. or LL.B. or J.D.) and who attains in all work done in this college that is presented for his degree the average grade specified below, may be recommended by the University Senate for the honors stated: For an average grade of not less than 4.35, graduation with Honors; for an average grade of not less than 4.75, graduation with High Honors. The honors conferred are noted on the diploma and in the Commencement program.

### Scholarships

A number of full-tuition scholarships, not exceeding four, and an additional number of half-tuition scholarships, not exceeding four, are available at the end of each semester to those students in the College of Law who have made the highest averages in their law work in the two preceding semesters in which they were in attendance.

To be eligible a student must have been registered as a regular student in the College of Law both semesters, and have taken at least 26 hours of work of which not less than 20 hours must have been in law courses.

A student who does not return the following semester may use his scholarship subsequently, provided a period of not more than one calendar year shall have intervened.

### Order of the Coif

The Order of the Coif is a national honorary law fraternity, the first chapter of which was established at the College of Law in 1902. Each year the local chapter elects to membership from the highest ten per cent of the senior class those students who are deemed qualified.

### Illinois Bar Journal

The section on "Current Law" in the *Illinois Bar Journal*, official publication of the Illinois State Bar Association, is prepared by a board of student editors who are chosen by the faculty on the basis of the best notes submitted in a competition to which all students who have attained a designated average grade are eligible. This editorial work is done with the advice of members of the faculty, and it forms a part of the educational program of the college.

### Junior Bar Association

The Junior Bar Association of the College of Law is an affiliate of the Illinois State Bar Association. Its purpose is to bring students into closer contact with the active bar of the state and to promote a consciousness of professional responsibility. Membership in it is open to all students and entitles them to many privileges in the state organization. All its activities, including moot-court competitions and round-table discussions, are under the direction of student officers.

## The School of Journalism

FOR THOSE WHO HAVE HAD TWO YEARS OF COLLEGE WORK the School of Journalism offers an additional two years of professional training, leading to the degree of Bachelor of Science in Journalism. The editorial curriculum is designed for those wishing to prepare themselves for positions as editors, reporters, and feature writers. The advertising curriculum is intended especially for those expecting to enter the advertising departments of newspapers, magazines, radio stations, industrial organizations, or retail stores. The publishing curriculum is planned for those who are particularly interested in management and circulation, or in community journalism, or in trade and technical publications.

Students planning to enter the School of Journalism are advised to register as pre-journalism freshmen and sophomores following either the regular program or that of the Division of General Studies in the College of Liberal Arts and Sciences. Courses in English literature and rhetoric, foreign languages, physical sciences, and social studies are recommended as necessary preparation for the profession of journalism. The ability to use a typewriter should be acquired before entering this school.

*Wartime Emergency Curriculum.*—To provide trained personnel for the existing wartime shortages in all fields of journalism as rapidly as possible, the School of Journalism inaugurated a two-year emergency curriculum open to freshmen and sophomores in the fall of 1943. The purpose of the program is to give students sufficient training in practical aspects of journalism to enable them to fill some of the openings at the end of four semesters of study. The student who completes the emergency two-year program may go on to a university degree or may take one of the many available jobs. In any event the student is urged to return to the University after the war to complete the requirements for a degree. (For details see page 209.)

*History.*—Instruction in journalism at the University of Illinois was begun in 1902 as part of the courses in rhetoric and was organized as a division of the Department of English in 1916. The School of Journalism was established in 1927 as a separate administrative unit, and in 1941 it was moved into quarters designed especially for its use in Gregory Hall. It is an accredited Class A school under standards of the American Association of Schools and Departments of Journalism.

For *admission*, see pages 81 and 91; for *fees*, see page 100; for *honors*, see page 100; for *prizes*, see page 120; for *clubs and societies*, see page 112; for regulations concerning *unclassified students*, see page 88; for general University requirements for *graduation*, see page 96; for *conferences and short courses*, see page 435.

### Journalism Library, Laboratories, and Equipment

A branch of the University Library is located in Gregory Hall, consisting of approximately 3,200 volumes especially selected for the students in journalism. It receives 43 daily newspapers and 73 magazines. The reading room has 73 chairs, and the newspaper stack room is equipped with individual study tables. The morgue contains clippings concerning the University's departments, faculty members, research agencies, and student organizations. Exhibits of photographs and books are arranged periodically.

Besides the usual classrooms, there are specially equipped laboratories. One classroom has press-box desks, and others have individual reporters' desks and typewriters. The printing laboratory is equipped with a linotype machine, two job presses, two proof presses, a casting box, a paper cutter, a "one-man" engraving outfit, and 112 fonts of type. The room designed for the production of the *Illini Ob-*

*server*, the laboratory newspaper, is connected to the printing laboratory and is equipped with a universal desk for the instructor and with reporters' desks for the students. In the copy-desk laboratory, which has two universal desks and individual typewriter desks, the students have the use of Press Association radio copy and United Press dispatches from telegraph-printer machines. In connection with the studio for experiments in photography, one darkroom is equipped for developing and drying films, and another for making contact prints and enlargements. Speed Graphic cameras are available for classroom and outdoor work. In the laboratory for preparing advertising copy and layouts, the equipment includes mat services, type charts, catalogs, and reference materials. For students of community journalism there is a newsroom equipped with a copy desk, typewriter desks, and files of weekly newspapers from towns throughout Illinois. A collection of manuscripts, cartoons, and books by graduates of the University was given to the School of Journalism in 1942 by C. A. Kiler, of Champaign, and is kept in a special workroom.

### Opportunities for Practical Experience

Students in the School of Journalism have opportunities for practical experience on the editorial and business staffs of the *Daily Illini*, which is a morning newspaper issued five days a week; the *Illio*, yearbook of the graduating class; the *Illinois Technograph*, quarterly magazine edited by students in the College of Engineering; the *Illinois Agriculturist*, monthly magazine edited by students in the College of Agriculture; and various house organs of fraternities and sororities. The official student publications are under the general management of the Illini Publishing Company, a non-profit corporation, which maintains its own printing plant on the campus. Students of exceptional ability have further opportunities as reporters for the *Illinois Alumni News*, monthly magazine of the Alumni Association, and as correspondents for newspapers published in Champaign and Urbana and other cities of Illinois. Special facilities for training are afforded by the University's radio station WILL, with its broadcasting studios in Gregory Hall.

### Requirements for Graduation

A candidate for the degree of Bachelor of Science in Journalism must (1) meet the general University requirements with respect to registration, residence, scholarship, and fees; (2) complete 64 semester hours of work in a curriculum of the School of Journalism, including not less than 30 nor more than 40 hours of credit in professional courses of junior-senior level, and the balance in social studies, arts, sciences, and other approved subjects, at least 20 hours of which must be in courses for advanced undergraduates; and (3) obtain as many grade-points as credit hours in courses taken at the University of Illinois and presented for the degree, except that the 60 hours required for admission to the School of Journalism and the military science and physical education required by the University are not included in the computation of grade-points for this purpose.

Attention is called to the general requirement that a student who enters the University without at least one unit of high school work in a laboratory science must substitute five hours of a laboratory science for five hours of free electives in the requirements for graduation.

For the duration of the war all men students under 30 years of age are required to register each semester in physical education. The credits earned in physical education may be counted as electives.

### Editorial Curriculum

#### *For the Degree of Bachelor of Science in Journalism*

#### Third Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Journ. 4—Typography . . . . .	2	Journ. 6—Reporting . . . . .	3
Journ. 5—Reporting . . . . .	3	Journ. 18—Press and Public Opinion . . . . .	3
Journ. 17—History of Journalism . . . . .	3	Journalism electives . . . . .	3
Advanced Social Studies . . . . .	5	Advanced Social Studies . . . . .	3
Electives . . . . .	3	Electives . . . . .	4
<i>Total</i> . . . . .	16	<i>Total</i> . . . . .	16

## Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Journ. 13—Copyreading	.....	3	Journ. 14—Copyreading	.....	3
Journ. 29—Advanced Reporting; or Journ. 54a—Publication of <i>Illini</i> <i>Observer</i>	.....	3	Journalism electives	.....	4
Advanced Social Studies	.....	6	Advanced Social Studies	.....	6
Electives	.....	4	Electives	.....	3
<i>Total</i>	.....	16	<i>Total</i>	.....	16

## Advertising Curriculum

For the Degree of Bachelor of Science in Journalism

## Third Year

Journ. 4—Typography	.....	2	B.O.O. 23—Marketing and Retailing	.....	3
Journ. 5—Reporting	.....	3	Journ. 17 <sup>2</sup> —History of Journalism; or Journ. 18—Press and Public Opinion	.....	3
Journ. 10—Principles of Advertising	.....	3	Journ. 26—Advertising Copy	.....	3
Advanced Social Studies	.....	5	Advanced Social Studies	.....	5
Electives <sup>1</sup>	.....	3	Electives	.....	2
<i>Total</i>	.....	16	<i>Total</i>	.....	16

## Fourth Year

Journ. 33—Advertising Layout	.....	3	Journ. 34—Advertising Problems	.....	3
Journ. 41—Newspaper Management I	.....	3	Journ. 38—Advertising Campaigns; or Journ. 54b—Publication of <i>Illini</i> <i>Observer</i>	.....	3
Advanced Social Studies	.....	5	Advanced Social Studies	.....	5
Journalism elective	.....	2	Journalism elective	.....	2
Electives	.....	3	Electives	.....	3
<i>Total</i>	.....	16	<i>Total</i>	.....	16

## Publishing Curriculum

For the Degree of Bachelor of Science in Journalism

## Third Year

Journ. 4—Typography	.....	2	Journ. 6—Reporting	.....	3
Journ. 5—Reporting	.....	3	Journ. 17 <sup>2</sup> —History of Journalism; or Journ. 18—Press and Public Opinion	.....	3
Journ. 10—Principles of Advertising	.....	3	Journalism electives	.....	2
Advanced Social Studies	.....	5	Advanced Social Studies	.....	5
Electives <sup>2</sup>	.....	3	Electives	.....	3
<i>Total</i>	.....	16	<i>Total</i>	.....	16

## Fourth Year

Journ. 11—Newspaper Law; or Journ. 13—Copyreading	.....	3	Journ. 42—Newspaper Management II	.....	3
Journ. 41—Newspaper Management I	.....	3	Journalism elective	.....	4
Journ. 43—Circulation and Promotion	.....	3	Advanced Social Studies	.....	5
Advanced Social Studies	.....	5	Electives	.....	4
Electives	.....	2	<i>Total</i>	.....	16
<i>Total</i>	.....	16	<i>Total</i>	.....	16

<sup>1</sup>Economics 1 or 2 must be elected by students who did not present a course in the elements of economics for entrance to the School of Journalism.<sup>2</sup>Accountancy 1a or 12 must be elected by students who did not present a course in accountancy for entrance to the School of Journalism.<sup>3</sup>Given in the first semester.

### Wartime Emergency Curriculum

To enter the wartime program in journalism, a student must be at least 16 years old and a graduate of an accredited high school, with 15 units of acceptable secondary school work including the following: (1) three units of English; (2) three units in either foreign language or mathematics, or three units in science or social sciences and two units in either foreign language or mathematics.

Under a recently adopted admissions rule, students who have senior standing in high school may under certain conditions be admitted to the School of Journalism without graduation from high school (see page 82).

#### First Year (For Freshmen)

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Rhetoric 1.....	3	Rhetoric 2.....	3
Foreign Language.....	4	Foreign Language.....	4
History, Science, or Mathematics....	3-5	History, Science, or Mathematics....	3-5
Typography (Journ. 4).....	2	Introduction to Journalism (Journ. 1)	1
Military Science (for Men).....	1	Reporting (Journ. 5).....	3
Hygiene.....	2	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
<i>Total</i> .....	16-18	<i>Total</i> .....	16-18

*Note*.—Courses in the Division of General Studies will fulfill the rhetoric, history, and science requirements.

#### Second Year (For Sophomores)

Students preparing for editorial positions on newspapers, press associations, magazines, and radio follow Sequence A. Students preparing for advertising and management positions on publications, in radio, and in advertising agencies follow Sequence B.

##### Sequence A. Editorial

Rhetoric 3 or 4.....	3	English 10a.....	3
Foreign Language.....	4	Foreign Language.....	4
History 3a.....	3	History 3b, Political Science 1a, or Economics 2.....	3
Reporting (Journ. 6).....	3	Copyreading (Journ. 14).....	3
Copyreading (Journ. 13).....	3	Journalism Elective (see below).....	3
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
<i>Total</i> .....	18	<i>Total</i> .....	18

*Electives for the Editorial Sequence:* Journ. 23, Press Photography; Journ. 30, Radio Broadcasting; Journ. 54a, Publication of Laboratory Newspaper.

##### Sequence B. Advertising and Publication Management

Rhetoric 3 or 4.....	3	Economics 2.....	3
Foreign Language.....	4	Foreign Language.....	4
History 3a.....	3	History 3b, Political Science 1a, B.O.O. 23, or Accountancy 1a.....	3
Advertising Copy (Journ. 26).....	3	Advertising Layout (Journ. 33).....	3
Introduction to Advertising (Journ. 10).....	3	Journalism Elective (see below).....	3
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
<i>Total</i> .....	18	<i>Total</i> .....	18

*Electives for the Advertising Sequence:* Journ. 38, Advertising Campaigns; Journ. 41, Newspaper Management; Journ. 54b, Publication of Laboratory Newspaper.

# The School of Physical Education

COURSES IN PHYSICAL EDUCATION ARE REQUIRED OF ALL undergraduate students, both men and women, in the University's colleges and schools at Urbana-Champaign. The School of Physical Education also offers professional curricula, one for men and one for women, each consisting of four years of work and leading to the degree of Bachelor of Science in Physical Education. These curricula provide for specialization in teaching physical education, health and safety, coaching sports, directing recreation, and related work. Advanced courses leading to the degree of Master of Science in Physical Education are offered under the regulations of the Graduate School.

For *admission*, see page 81; for *fees*, see page 100; for *clubs and societies auxiliary* to the curricula, see page 112; for regulations concerning *unclassified students*, see page 88; for general University requirements for *graduation*, see page 96.

## Programs of Physical Education

All male undergraduate students under thirty years of age and all freshman and sophomore women are required to take physical education three times a week. The programs offered in both the men's department and the women's department include a wide variety of courses designed to meet the varying needs of the students. The chief purposes of these programs are: (1) correcting and ameliorating defects; (2) developing fundamental motor abilities; (3) hardening the body for military service; (4) teaching activities useful in military service; (5) teaching recreational sports for life use; (6) developing an appreciation of physical fitness and sports. At the present time both programs emphasize war needs. Motor fitness tests are used as a basis for prescribing courses and determining each student's progress.

## Extracurricular Athletics

The Athletic Association, closely affiliated with the School of Physical Education, sponsors numerous programs of intercollegiate and intramural sports for undergraduate men and other recreational sports for students and members of the faculty.

The Department of Physical Education for Women conducts an extensive program of intramural sports for women. Students are organized in voluntary inter-class and inter-house teams in hockey, soccer, bowling, basketball, volleyball, apparatus, swimming, baseball, and track and field athletics.

## Curriculum in Physical Education for Men

### *For the Degree of Bachelor of Science in Physical Education*

The professional curriculum in physical education for men is designed to prepare students for teaching health, safety, and physical education, coaching athletics, and directing recreation. This curriculum consists of a freshman-sophomore program, which is the same for all students, and a junior-senior program, which allows each student to choose a field of specialization. The degree of Bachelor of Science in Physical Education is conferred on students who successfully complete a total of 130 semester hours as outlined below:

	HOURS
Professional physical education courses . . . . .	40
General courses, as prescribed (a student may be exempted from one of these courses if approved by the Director) . . . . .	26
Foundation science courses, as prescribed . . . . .	18
Education courses, as prescribed . . . . .	15
Second subject of specialization . . . . .	16
Free electives . . . . .	15
<i>Total</i> . . . . .	<u>130</u>



*Inspection Trip.*—All men students whose major is physical education are required to participate in an inspection trip during the second semester of the junior year. The trip usually occupies three days and involves expenses of not more than \$25 for each student. The party visits Chicago, St. Louis, or some other large community, to inspect elementary school, high school, and college physical education plants, athletic clubs, playgrounds, parks, and other recreational centers. Each student is asked to write a report of the trip.

**Freshman-Sophomore Program for Men**

In each of the first two years, students who take Group A in the first semester will take Group B in the second semester, and those who take Group B in the first semester will take Group A in the second semester.

**First Year**

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
<i>Group A</i>			<i>Group A</i>		
P.E.M. 4—Beginning Football.....	2		P.E.M. 4—Beginning Football.....	2	
P.E.M. 1—Beginning Basketball...	2		P.E.M. 1—Beginning Basketball..	2	
<i>Group B</i>			<i>Group B</i>		
P.E.M. 2—Gymnastics.....	2		P.E.M. 2—Gymnastics.....	2	
P.E.M. 12—Track and Field.....	2		P.E.M. 12—Track and Field.....	2	
P.E.M. 70—Professional Orientation..	2		Physiol. 3b—Physiological Anatomy	5	
Physiol. 3a—Physiological Anatomy..	5		Rhet. 2—Rhetoric and Composition..	3	
Rhet. 1—Rhetoric and Composition..	3		Greek 15—Greek and Roman Sports	2	
Military Science.....	1		Military Science.....	1	
Hygiene 5—Elementary Hygiene and Sanitation.....	2		Hygiene 10—Advanced Hygiene.....	2	
<i>Total</i> .....		17	<i>Total</i> .....		17

**Second Year**

<i>Group A</i>			<i>Group A</i>		
P.E.M. 15—Outdoor Recreational Sports.....	2		P.E.M. 15—Outdoor Recreational Sports.....	2	
P.E.M. 77—Indoor Recreational Sports.....	2		P.E.M. 77—Indoor Recreational Sports.....	2	
<i>Group B</i>			<i>Group B</i>		
P.E.M. 11—Swimming.....	2		P.E.M. 11—Swimming.....	2	
P.E.M. 14—Dance and Social Activities.....	2		P.E.M. 14—Dance and Social Activities.....	2	
P.E.M. 72—Camp Leadership....	3		P.E.M. 72—Camp Leadership....	3	
Psych. 1—Introduction to Psychology	4		Econ. 2—Elements of Economics....	3	
Journ. 12—Publicity Methods.....	2		Speech 1—Principles of Effective Speaking.....	3	
Pol.Sci. 1a—American Government..	3		Military Science.....	1	
Military Science.....	1		Electives.....	3 or 6	
Electives.....	0 or 3		<i>Total</i> .....		17
<i>Total</i> .....		17	<i>Total</i> .....		17

**Junior-Senior Program for Men**

*Non-Professional Courses Required*

Sociol. 1—Principles of Sociology....	3	Ed. 25—Educational Psychology....	3
Ed. 6b—Principles of Secondary Education.....	3	Ed.Prac. 1—P.E. for Men.....	3
Ed. 10b—Technic of Teaching.....	3	Ed.Prac. 2—P.E. for Men.....	3
		P.E.M. 99—Inspection Trip.....	0

*Professional Courses Recommended for Students in Each of the  
Four Fields of Specialization*

ATHLETIC COACHING	HOURS	PHYSICAL EDUCATION	HOURS
P.E.M. 3—Theory of Coaching.....	3	P.E.M. 5—Theory of Prescribing Sports.....	2
P.E.M. 6—Wrestling, Boxing, Fencing	2	P.E.M. 7—Training and First Aid...	2
P.E.M. 7—Training and First Aid...	2	P.E.M. 9—School Program in Health	3
P.E.M. 8—Baseball.....	2	P.E.M. 13—Program in Extracur- ricular Sports.....	3
P.E.M. 13—Program in Extracur- ricular Sports.....	3	P.E.M. 18—Curriculum in Sports...	3
P.E.M. 16—History of Sports.....	2	P.E.M. 19—Recreational Leadership	3
P.E.M. 18—Curriculum in Sports...	3	P.E. 71—Safety Education.....	2
P.E. 71—Safety Education.....	2	P.E.M. 73—Tests and Measurements in Health and Physical Education..	3
P.E.M. 78—Advanced Football.....	2		
P.E.M. 79—Advanced Basketball....	2	RECREATION	
		P.E.M. 5—Theory of Prescribing Sports.....	2
HEALTH AND SAFETY		P.E.M. 6—Wrestling, Boxing, Fencing	2
P.E.M. 5—Theory of Prescribing Sports.....	2	P.E.M. 7—Training and First Aid...	2
P.E.M. 7—Training and First Aid...	2	P.E.M. 13—Program in Extracur- ricular Sports.....	3
P.E.M. 9—School Program in Health	3	P.E.M. 16—History of Sport.....	2
P.E.M. 18—Curriculum in Sports...	3	P.E.M. 19—Recreational Leadership	3
P.E. 71—Safety Education.....	2	P.E. 71—Safety Education.....	2
P.E.M. 73—Tests and Measurements in Health and Physical Education..	3	P.E.M. 76—Philosophy of Recreation	3
P.E.M. 74—Health Education.....	3		
P.E.M. 76—Philosophy of Recreation	3		

### Curriculum in Physical Education for Women

*For the Degree of Bachelor of Science in Physical Education*

The four-year curriculum in physical education for women is designed to train teachers in the fields of physical education, health education, community welfare, and recreation. The Degree of Bachelor of Science in Physical Education is conferred on students who successfully complete a total of 130 semester hours as summarized below:

#### Summary of Requirements for Women

	HOURS
Professional physical education courses.....	40
Second subject of specialization.....	16
Education courses (including Education 6, 10, and 25, and Educa- tional Practice 3 and 4).....	18
Other courses required and electives.....	56
<i>Total</i> .....	130

Modifications of this curriculum are provided for students who wish to prepare themselves to teach various combinations of subjects in high school. Thus, with physical education as the major subject, the second teaching subject may be English, or biological science, or general science; or some other combination may be arranged. Another modification of the curriculum allows for specialization in the dance. The choice of electives in each semester must have the approval of the class adviser at registration time.

Transfer students from other colleges or normal schools must have the necessary prerequisites in order to make physical education their major subject.

## First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Zool. 1—General Zoology.....	5	P.E.W. 70b—(Rhythms, Basketball, and Softball).....	2
P.E.W. 70a—(Orientation, Hockey, and Gymnastics).....	2	Hygiene 2.....	2
P.E.W. 74, 75, or 76—Swimming....	1	English 10b or Language.....	3-4
Hygiene 2 or Elective.....	2	Bot. 1a—Introductory Botany.....	3
English 10a or Language.....	3-4	Electives <sup>1</sup> .....	2
<i>Total</i> .....	16-17	<i>Total</i> .....	15-16

## Second Year

Hist. 3b—Hist. of United States.....	3	Pol. Sci. 1a—American Government..	3
Speech 1—Effective Speaking.....	3	Physiol. 3b—Physiological Anatomy..	5
Physiol. 3a—Physiological Anatomy..	5	P.E.W. 71b—(Folk Dancing, Stunts and Tumbling, Tennis).....	2
P.E.W. 71a—(Tap Dancing, Soccer, Advanced Gymnastics, Apparatus)	2	P.E.W. 82—Technic of Teaching Swimming.....	1
Ed. 1—American Public School.....	2	Psych. 1—Introduction to Psychology	4
Electives <sup>1</sup> .....	2	Electives <sup>1</sup> .....	2-3
<i>Total</i> .....	17	<i>Total</i> .....	17-18

## Third Year

Ed. 25—Educational Psychology.....	3	Ed. 6—Principles of Secondary Ed...	3
P.E.W. 81—Games for the Ele- mentary School.....	2	P.E.W. 62—Advanced Rhythms....	3
P.E.W. 83a—(American Square and Social Dancing).....	1	P.E.W. 83b—(Volleyball and Archery).....	1
P.E.W. 95a—Technic of Teaching Sports.....	4	P.E.W. 95b—Technic of Teaching Sports.....	4
P.E.W. 96a—Kinesiology.....	3	P.E.W. 96—Kinesiology.....	3
Sociol. 1—Intro. to Sociology; <i>or</i> Sociol. 70—Soc. Relations and the International Order.....	3	Electives <sup>2</sup> .....	3
<i>Total</i> .....	16	<i>Total</i> .....	17

## Fourth Year

Ed. 10—Technic of Teaching.....	3	Ed. Prac. 4—P.E. for Women.....	3
Ed. Prac. 3—P.E. for Women.....	3	P.E.W. 90—Organization and Admin- istration of Physical Education....	2
P.E.W. 93a—(Speedball, Badminton)	1	P.E.W. 93b—(Bowling and Golf)....	1
P.E.W. 98—Theory of Individual and Remedial Gymnastics.....	3	P.E.W. 97—Tests and Measurements	3
Electives <sup>2</sup> .....	5-7	P.E.W. 99—School Health and First Aid.....	3
<i>Total</i> .....	15-17	Electives <sup>2</sup> .....	7
		<i>Total</i> .....	16

<sup>1</sup>Electives recommended for the first and second years are English, foreign languages, history, library science, mathematics, and sciences.

<sup>2</sup>Electives recommended for the third and fourth years are education, philosophy, and sociology.

# The Library School

FOR COLLEGE GRADUATES PREPARING FOR THE PROFESSION of librarianship, the Library School offers a two-semester program of courses leading to the degree of Bachelor of Science in Library Science. This program covers general principles and practices of librarianship; during the second semester some opportunity is provided for the study of specialized aspects of library service. For those who have completed such a program and wish to prepare for more responsible and exacting positions in libraries, advanced courses are offered, which lead to the degree of Master of Science, under the auspices of the Graduate School. Seminar courses, individual study, research methods, and bibliographic training are important parts of this advanced program.

For undergraduates in other colleges and schools of the University, introductory courses in library science are offered. Freshmen and sophomores may elect a course in the use of the library and of the reference books which are of most value to college students. Juniors and seniors may elect courses designed to assist them in making fuller use of the library as an instructional aid, and to prepare themselves for positions as teacher-librarians.

For *admission*, see pages 81 and 91; for an account of the *Library*, see page 71; for *honors*, see page 100; for *fees*, see page 100; for *courses*, see page 319.

Application blanks for admission may be obtained from the Library School and should be returned early enough to allow time for correspondence with the applicant's references before registration day.

## Pre-Professional Study

Because of the variety of opportunities in library service, the Library School considers applications from students with many kinds of undergraduate specialization. A good general education is a fundamental requirement. Foreign languages, literature, history, the social sciences, and the natural sciences are all important for the prospective librarian.

A reading knowledge of French and German is strongly recommended, and some knowledge of Latin is desirable. In many fields of librarianship a knowledge of Spanish is becoming increasingly important.

Courses in political science (particularly public administration), psychology, sociology, and education are of value, depending on the type of library service in which the student is most interested. The prospective school librarian, for example, should be certain that he can qualify for a teacher's certificate. Students interested in service in a specialized library should have a good background in the subjects involved.

Every student should have a strong major in some academic field during his last two years of undergraduate work. As a general rule courses of a vocational nature, including undergraduate work in library science, should not be included in the program of study.

## Advanced Standing

After matriculation, an applicant for advanced standing may obtain credit for some of the courses required for the bachelor's degree in library science by transfer of credits from an approved institution, or by examination if the applicant gives indication of having adequate preparation. In such cases, however, the student must still meet the residence requirements for the degree, and, in consequence, must register for a sufficient number of courses, either in the Library School or in a subject of special interest to him, to make up the usual full schedule of work. Information concerning the possibility of securing advanced standing should be requested with the letter of application.

## Curriculum in Library Science

### *For the Degree of Bachelor of Science in Library Science*

Each student's program is planned individually in consultation with the Assistant Director or other designated officer of the School. The student's special abilities and pre-professional training, his interests, and probable professional future form the basis for selecting his course of study. During the first semester each student must complete satisfactorily the five required courses listed below. In the second semester, opportunity is provided for individual specialization.

First Semester	HOURS
60—Development of the Modern Library .....	3
61—Cataloging and Classification .....	4
62—Reference Service .....	3
63—Library Materials .....	3
64—Library Administration .....	3
<i>Total</i> .....	16

### Second Semester

During the second semester each student must take Library Science 99 (Inspection Trip). All other courses are elective, and each student is given the opportunity to develop his special interests. Normally the student elects at least one course from each of the following groups, and his program of study totals from fourteen to sixteen semester hours.

#### *Organization and Management:*

70—Organization and Management of Public Libraries .....	3
71—Organization and Management of College and University Libraries .....	3
72—Organization and Management of School Libraries .....	3
73—Service in Special Libraries .....	2

#### *Types of Materials:*

53—Biological Literature and Reference Work .....	2
54—Audio-Visual Aids and Library Service .....	3
80—Bibliography and Reference .....	4
81—Introduction to Government Publications .....	3

#### *Fields of Special Interest:*

75—Reading Interests and Guidance of Adults .....	3
76—Reading Interests and Guidance of Adolescents .....	3
77—Reading Interests and Guidance of Children .....	3
78—Problems in Cataloging and Classification .....	3

#### *Free Electives:*

90—History of Books .....	3
91—Psychology for Librarians .....	2
92—The Library and the Community .....	3

Among his free electives the student may include courses in other departments and schools of the University, provided they are approved for graduate credit. Elections of this type should center about the student's field of special interest and are subject to the approval of the Library School.

### Graduate Work

For students who have received a bachelor's degree in library science (see above) and meet the requirements for admission to the Graduate School, programs are arranged which lead to the degree of Master of Science in library science. Each student's program is determined by his previous experience and his individual purposes. The work required for a master's degree may consist entirely of courses in library science approved for graduate credit, or may include a minor in any subject for which the student is adequately prepared.

# The Graduate School

**F**ACILITIES FOR ADVANCED STUDY AND FOR RESEARCH IN various lines were offered by the University as early as 1872, and organized instruction under the name of the Graduate School was first undertaken in 1892. In 1906 the Graduate School was organized as a separate faculty. By action of the Trustees of the University, the teaching faculty of the Graduate School includes all members of the University faculty who give instruction in approved graduate courses. The affairs of the school are in charge of its executive faculty.

## Executive Faculty

ROBERT DANIEL CARMICHAEL, Ph.D., Professor of Mathematics and Dean of the Graduate School  
RAYMOND BERNARD ALLEN, M.D., Ph.D., Executive Dean of the Chicago Colleges and Dean of the College of Medicine  
ALBERT WILLIAM ARON, Ph.D., Professor of German  
REYNOLD CLAYTON FUSON, Ph.D., Professor of Organic Chemistry  
HORACE MONTGOMERY GRAY, Ph.D., McKinley Professor of the Economics of Public Utilities  
CARL GOTTFRIED HARTMAN, Ph.D., Professor of Zoology  
HENNING LARSEN, Ph.D., Professor of English  
EDWIN HEWETT REEDER, Ph.D., Professor of Education  
ELMER ROBERTS, Ph.D., Professor of Animal Genetics  
FRED WILBUR TANNER, Ph.D., D.Sc., Professor of Bacteriology  
WILBUR M. WILSON, M.M.E., C.E., D.Eng., Research Professor of Structural Engineering  
HERBERT WOODROW, Ph.D., Professor of Psychology  
CLYDE MELVIN WOODWORTH, Ph.D., Professor of Plant Genetics

## Admission

Admission to the Graduate School may be granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois. Admission to the Graduate School, however, does not imply admission to candidacy for an advanced degree, and gives the student no right or claim to be so admitted. A mere accumulation of "credits" or "grades" is not sufficient.

Admission to graduate courses may be granted only to those who have had the requisite undergraduate work in those courses or departments. But a student of mature age who satisfies the Dean and the department concerned of his ability to pursue graduate work in a given line may be enrolled in particular graduate courses, without reference to a degree, and permitted to carry on such study or investigation under the direction of a department of the University as the department shall recommend and the Dean approve.

Application blanks for admission may be obtained from the Registrar of the University. Every applicant must submit with his application for admission an official transcript of his college record. All applicants who have not previously taken a physical examination at the University must take such an examination. The examination is given by the University Health Service without cost to the student, if taken during the registration period.

Directions for registration and regulations for programs of study are given in the annual *Graduate School Announcement*, copies of which may be obtained at the office of the Dean, 109 Administration Building, Urbana, Illinois.

## Character of Graduate Work

The principal aims of graduate study are the development of the power of independent work and the promotion of the spirit of research. Each candidate for a degree is expected to have a wide knowledge of his subject and of related fields of work; for the graduate student is not expected to get from lecture and laboratory courses all the knowledge and training necessary to meet the requirements for his degree.

### Graduate Study in Summer

Graduate students in summer sessions are subject to the same requirements as those in the regular academic year. Their study-lists must be approved by the Dean of the Graduate School, or his representative. Two to two and one-half units of graduate work may be taken in a summer session. Attendance during four out of six consecutive summer sessions, or one semester and two summer sessions, is considered the equivalent of one year in residence.

The Executive Faculty may, at the request of a given department, accord recognition to its summer session work subject to the following conditions: (1) Study in the University of Illinois summer session may be counted in partial fulfillment of the residence requirements for the degree of Doctor of Philosophy, but at least one continuous academic year of residence at the University at some time during the second or third years of the doctoral program is required. (2) Persons electing to use this plan shall be required to submit a schedule of study covering the second and third years of work toward the doctorate. This schedule of study must be approved by the adviser in charge of the major subject and by the Dean of the Graduate School.

### Masters' Degrees

The Master's degree conferred on a candidate depends on the character of his baccalaureate degree, the usual practice being that A.M. shall follow A.B., and that M.S. shall follow B.S. However, this practice may be departed from in cases where the candidate's undergraduate course of study was of a kind for which some reputable institutions in this country give A.B. while others give B.S. In music the M.Mus. shall follow the B.Mus., and the M.S. in Music Education shall follow the B.S. in Music Education.

*Amount of Work Required.*—Candidates for the degree of Master of Arts or Master of Science are required to do at least one full year's work in residence, usually including a thesis. Four to five units constitute a normal semester program for the master's degree. A minimum of eight units must be completed for the degree. Only first-rate students are permitted to secure a degree with this minimum program. In some departments special examinations are required of candidates for masters' degrees. In all cases, the student must satisfy the duly approved conditions set by his major and minor departments.

Unless otherwise permitted, every student must take each semester at least one course open to graduate students only (courses numbered 100 and upwards).

In the first year of his graduate study each student is required to attend a minimum of four formal class, lecture, or laboratory exercises a week. Schedules involving an unusually large number of formal class meetings each week will require the special approval of the Dean.

*Extramural Work.*—Students who began their extramural graduate work in September, 1941, or thereafter, may apply no more than four units of graduate credit earned through extramural courses toward meeting the requirements of the degree of Master of Arts or Master of Science. Credit earned in extramural courses may be applied toward graduate work beyond the masters' degrees only in individual cases, and upon approval of the Dean of the Graduate School. Such approval must be obtained not later than the time of registration for such courses.

*Work Done Elsewhere.*—Members of the staff and high school teachers residing and employed in Urbana or Champaign who have done graduate work in approved institutions elsewhere may secure credit not to exceed four units towards the master's degree by passing examinations in that work. Admission to such examinations requires the prior approval of the Dean of the Graduate School. They may complete the work for the degree by securing at least four units more while registered in the Graduate School for not less than one academic year.

Graduate students who have been in residence one semester or its equivalent may offer for credit not more than nine weeks of work at a marine or fresh-water biological laboratory or in biological or geological field work, on condition that the work be of graduate grade under a qualified instructor or director as certified by the student's major adviser and approved by the Dean of the Graduate School; that approval be obtained by the student in advance; and that a written report of the work accomplished be presented by the student and approved as satisfactory by the student's major adviser.

*Majors and Minors.*—A candidate for a master's degree may do all his work in one subject, or he may select a major and one minor, or a major and two minors. A major or minor denotes the field of knowledge of a department, or such part thereof as constitutes a separate and independent division of that field. For a master's degree a major is at least half the work, or a minimum of four units, for one year. Less than one unit may not be counted as satisfying the requirements of a minor without the approval of the department concerned.

*Foreign Language.*—The ability to use one or more of the modern languages ordinarily studied in the undergraduate curriculum is desirable for all candidates for the master's degree, and in some lines of study is required. No student will be permitted to acquire residence toward the second year for the doctorate until he has passed the preliminary examination in at least one of these languages.

*Master's Thesis.*—Each candidate for a master's degree is required to present two copies of a thesis on some subject approved by the professor in charge of his major work. Such approval, except in case of students working for masters' degrees in summer sessions only, must be secured and the subject of the thesis filed at the office of the Graduate School not later than the beginning of the second half-year of residence. Students working for masters' degrees exclusively in summer sessions must announce their thesis subjects not later than the beginning of their third session in residence. The requirement of a thesis may be waived, however, on the recommendation of the professor in charge of his major work and the approval of the Dean, *provided application to waive the thesis is made at the time for announcing thesis subjects.* A student excused from writing a thesis must replace it with courses of instruction. Both copies of the thesis in its final form, together with a certificate of approval by the proper officer, must be left at the Dean's office at least two weeks before the date on which the degree is to be conferred. No article prepared for another use, or previously published, will be accepted as a thesis.

Permission for the publication of the material of a master's thesis should be obtained from the Dean of the Graduate School before such publication is carried out.

*Thesis Work on Leave of Absence.*—Under proper conditions a student may be permitted to complete the last fourth of his work, if devoted to this thesis, under leave of absence for a period not to exceed the equivalent of two semesters. To get such permission the student must have secured credit for at least six units; must petition for the privilege; must submit to the Dean an outline of the proposed investigation, approved by the professor in charge of his major work; and must submit satisfactory evidence that adequate facilities are available to him at the place where he intends to do the proposed work. Approval on all these points must be obtained one collegiate year before the thesis is due. Immediately following approval the student must register and pay a tuition fee of \$20.

## Second Degrees in Engineering

Two classes of second degrees are open to graduates of the College of Engineering, namely, academic and professional.

The *academic* second degree in engineering is Master of Science, following Bachelor of Science, in civil engineering, electrical engineering, etc. This degree is conferred in accordance with regulations described above, for *academic work in residence only.*

The *professional* second degrees in engineering are as follows:

Master of Architecture, after B.S. in architecture.

Architectural Engineer, after B.S. in architectural engineering.

Ceramic Engineer, after B.S. in ceramic engineering.

Chemical Engineer, after B.S. in chemical engineering.

Civil Engineer, after B.S. in civil engineering or in railway civil engineering.

Electrical Engineer, after B.S. in electrical engineering or in railway electrical engineering.

Mechanical Engineer, after B.S. in mechanical engineering or in railway mechanical engineering.

Metallurgical Engineer, after B.S. in metallurgy.

Engineer of Mines, after B.S. in mining engineering.

Engineer-Physicist, after B.S. in engineering physics.

Professional degrees in engineering may be conferred on two classes of candidates: (1) those who have received an academic degree in engineering or in architecture from the University of Illinois; (2) those who have received an academic



degree in engineering, including chemical engineering, from other institutions of equal standing and who have been members of the teaching or research staff of the College of Engineering or Engineering Experiment Station or the Department of Chemistry of the University of Illinois for at least three years prior to the conferring of the professional degree.

A candidate declares his candidacy by filing with the Dean of the College of Engineering, as chairman of the committee in charge, a detailed statement covering his professional engineering experience. This statement must be made on a standard form supplied by the Dean of the College of Engineering, and must be filed not later than the first Monday in November preceding the Commencement at which the candidate expects to receive the degree. No statement of experience will be considered by the committee which does not show that the candidate has had a minimum of eight years of acceptable engineering experience after receiving the degree of Bachelor of Science, and that for at least five years he has been in responsible charge of engineering work. Responsible charge in engineering teaching may be considered as responsible charge of work. In determining the acceptability of the engineering experience of the candidate the committee will be guided by the character of his professional work and the degree of responsibility involved, and will take into consideration such evidences of professional ability and growth as may be shown by his investigation of engineering problems, his contributions to technical literature, and his membership and activity in engineering societies.

If the professional experience of the candidate is accepted he must submit for approval, prior to December 31, an outline of his proposed thesis or, in lieu of a thesis, a technical report of plans and specifications for engineering projects which he has conceived and designed or directed. The completed thesis, in the form prescribed in the "Instructions for the Preparation of Masters' and Doctors' Theses," must be deposited with the Dean of the College of Engineering not later than May 1. The candidate must present himself at Commencement in order to receive the degree.

A candidate for a professional engineering degree must pay the tuition fee of twenty-five dollars on being notified that his professional experience is accepted as qualifying him to enter as a candidate for the degree. No one will be enrolled as a candidate for the degree at the following Commencement who does not pay his fee at this time. When a candidate for a professional engineering degree has once been accepted and paid his fee, he is eligible to receive the degree at any time within five years, without additional fee, on completion of the requirements; provided, however, that unless he completes the requirements within two years his name will be dropped from the list of candidates, and in order to receive the degree within the five-year period he must register once more.

### Professional Degrees in Education

*The Degree of Master of Education.*—This degree is designed for teachers, supervisors, administrative officers, and others engaged in educational work demanding broad fundamental and practical preparation and the ability to utilize professionally the contributions of research and of philosophy.

A minimum of two years of approved professional experience and the completion of the requirements for the degree of Master of Arts or Master of Science, or the equivalent, are required for admission to the curriculum leading to the degree of Master of Education. In addition, the candidate must be recommended by the college committee on admissions and guidance as showing promise of superior professional competence. In case the first year of graduate study does not include a major in education, the candidate will be required to take additional courses in education. The student's general education will also be reviewed, and appropriate courses may be required to correct any deficiencies.

A minimum of one year of graduate study (8 units) in addition to the requirements stated above will be required for the Ed.M. degree. This year of graduate study will be planned as a whole in consultation with the student's advisory committee. In addition to meeting other requirements, the candidate must pass a final examination administered by a college committee of at least three members.

*The Degree of Doctor of Education.*—The purpose of the Doctor of Education (Ed.D.) degree is to continue the type of preparation indicated for the Master of Education (Ed.M.) degree and, in addition, to develop in the candidate further ability for scholarly study of professional problems. A candidate for the degree of Doctor of Education must have completed the requirements for the degree of Master of Educa-

tion, or the equivalent. Toward the end of his second year or, by special permission, at the beginning of his third year of graduate study, a student who wishes to become a candidate for the degree of Doctor of Education must submit to preliminary examinations conducted by a committee appointed by the Dean of the Graduate School. The graduate faculty will advise a student not to attempt these examinations if the evidence does not indicate promise of outstanding professional competence.

The candidate, having completed the requirements for the degree of Master of Education, or the equivalent, and having passed the required preliminary examinations, must satisfy the residence requirements for the degree as stated below and must conduct a field study or other type of professional investigation, the report of which will constitute the thesis for the degree. This study will consist of a scholarly investigation of a significant professional problem.

The topic of the study, selected in consultation with the student's advisory committee, must be announced before the third year of graduate residence may begin. The study must have the approval of the graduate faculty of the College of Education and of the executive faculty of the Graduate School.

In a typical case, the candidate who is employed in professional work during the school year will devote a minimum of three summer sessions and two academic years to the field study or the professional investigation. The candidate will begin the first academic year of his study immediately after the completion of the first summer session. He will register during both semesters in a special seminar for candidates for the degree of Doctor of Education. This seminar will require a minimum of three days each semester at the University. The candidate will be expected to demonstrate continued progress in the organization, planning, and execution of the study.

For the second year the requirements will be similar to those of the first year and will include resident study during the summer session, devoted primarily to reading directed by the candidate's adviser, and followed by work in the field during the succeeding academic year. The third summer session in residence will be devoted primarily to the completion of the written report of the study which shall constitute the thesis for the degree of Doctor of Education.

Candidates for the degree of Doctor of Education who already hold the degree of Ph.D. from a recognized university will be regarded as special cases. They will be required to take the prescribed seminars and such other courses as the advisory committee may require. They will also take the preliminary examinations and conduct a field study or other type of professional investigation.

At least two weeks before the time when the degree is to be conferred, the candidate must submit to a final examination given by a committee appointed by the Dean of the Graduate School. This examination will deal primarily with the report of the thesis study, but will not be confined to that. It will be so conducted as to determine whether the candidate has a thorough and mature understanding of the field of education as a whole. The student may, in addition, be required to take any other examination, oral or written, that is thought proper by the various departments in which he has studied. The final examination may not be divided, but must be taken all at one time, even though this may require several sessions.

Two typewritten copies of the complete thesis in final form, the original on thesis paper and the first carbon on plain paper of approximately the same weight, must be deposited in the office of the Dean of the Graduate School for presentation to the examining committee not later than two weeks prior to the final examination and not less than four weeks before the time when the degree is to be conferred. With respect to form and to all other requirements, the regulations of the Graduate School covering theses for the Ph.D. degree will apply also to the report of the study for the Ed.D. degree.

### The Degree of Doctor of Philosophy

*Major and Minor Subjects.*—A student in the Graduate School who desires to become a candidate for the degree of Doctor of Philosophy is required to pursue a major subject in the department in which his research lies. He is also required to choose one minor subject, or he may choose two. If one minor only is chosen it must be taken in a department of study other than that of the major, and credit for it may be earned by work representing not less than four units, or one-sixth of the total residence required for the doctorate. If two minors are chosen, one must be a subject closely related to the major. With the approval of the adviser and the Dean it may be a division of the major field of study. The other minor (not less than two units) must, in that case, be taken in a department of study other than that of the

major. Except by special permission of the Dean the preliminary examination in major and minor subjects may not be taken until the minor work has been done.

*Method of Computing Residence.*—Credit for a full year of graduate work means that the student has during that time devoted all his working time and energy to study of a graduate grade. Second-year and third-year students shall register in terms of units. For each course with fixed credit or with variable credit within fixed limits, the registration shall be for such credit as is determined in the usual way for such courses. For thesis courses the amount of credit may be widely variable and may be fixed in each case in accordance with the judgment of the department and the needs of the student, subject to approval of the Dean of the Graduate School and the following provision regarding total credits: The registration for a full-time student shall be for not less than four nor more than five units; for a part-time student the registration shall ordinarily be on the basis of such fraction of four units as corresponds to the time given to study. It should be clearly understood, however, that for second-year students, a mere accumulation of unit credits will not in itself entitle a student to the privilege of taking preliminary examinations, and that, for third-year students, such an accumulation of credits will not in itself entitle the student to admission to the final examination.

*Period of Study.*—The normal *minimum* period of study required for securing the degree of Doctor of Philosophy is three years, during which the student is required to devote all his working time to his studies. All three years must be spent in resident graduate study at some accredited educational institution and either the first two or the last one of the three must be spent at the University of Illinois. The degree is conferred, however, not for residence during a certain period, but for scholarly attainments and power of investigation, as proved by a thesis and examinations.

*Work Done in Other Universities.*—Credit for graduate work done in other universities is not "transferred." However, it may be accepted on examination as equivalent to resident work at the University of Illinois, provided the institution in which it was done is of high standing.

*Examinations in Languages.*—The student will be required to demonstrate his ability to read French and German and other languages needed in his work. (In special cases the executive faculty, on recommendation of the student's adviser, may substitute for either one of the languages usually required some other language which can be shown to be more useful in that student's professional research.) No student will be considered as beginning his second year of residence for graduate credit until he has passed the examination in at least one of these languages. Both the examination in French and that in German must be passed before the student is admitted to the preliminary examination in his major and minor subjects. For the dates of these language examinations consult the calendar at the beginning of the Graduate School Announcement, which also shows the dates when application for admission to these examinations must be made.

*Examinations in Major and Minors.*—Towards the end of his second year of study, or by special permission, at the beginning of his third year (not later than about November 1), a student who wishes to become a candidate for the degree must submit to a preliminary examination conducted by a committee appointed by the Dean. This examination is intended to test the student's knowledge of the fields of his major and minor subjects of study and to determine whether he is prepared for the final year of work for the doctorate. It is partly oral, and may be wholly so. The student will not be admitted to his preliminary examination until the faculty is satisfied that he has finished substantially the equivalent of two years' graduate work. He must do a full year's graduate work between his preliminary examination and the completion of his work for the doctorate.

*Final Examination.*—At least two weeks before the time when the degree is conferred, the candidate must submit to a final examination, given by a committee appointed by the Dean. This examination is primarily on the research work of the student, as embodied in his thesis, but it is not confined to that. It extends to the whole field of study of the candidate. It will not be confined to the courses which the candidate has attended in the University of Illinois only, if he has done part of the work elsewhere; nor even to the field covered by the courses specifically taken in this or other universities; but will be so conducted as to determine whether the candidate has a satisfactory grasp of his major subject as a whole, and a general acquaintance with the fields of knowledge represented by his course of study.

The final examination may not be divided. The examination must be taken all at one time even though it requires several sessions.

If after having passed his preliminary examination, he fails in the third year of his study to meet the expectations of the professors in charge of his work, or in any way fails to maintain the standard of scholarship and power of research expected of him, he may be refused admission to the final examination.

*Other Examinations.*—Before the candidate is admitted to the final examination and the defense of his thesis, he may be required to take any other examination, oral or written, that is thought proper by the various departments in which he has studied. Such examinations are in addition to those regularly scheduled in the courses for which the student is registered.

*Thesis.*—The power of independent research must be shown by the production of a thesis on some topic connected with the major subject of study. The candidate is expected to defend his thesis or dissertation before the members of the faculty, or as many of them as may wish to question him, in connection with his final examination.

The subject of the thesis should be chosen not later than the end of the second year of residence and must be submitted for formal approval by the faculty not later than six weeks from the beginning of his third year of residence.

Two typewritten copies of the complete thesis, *the original on thesis paper* (no other will be accepted by the Dean), and the first carbon on plain paper of approximately the same weight, and in final form, must be deposited in the office of the Dean for presentation to the examining committee not later than two weeks prior to the final examination and not less than four weeks before the time when the degree is conferred. At the same time, the candidate must deposit with the Dean a manuscript of the essential part, or an abstract, or a digest of his thesis, in condition for publication at a cost not to exceed seventy-five dollars (\$75). The manuscript must be sufficient to show the method followed, the evidence used, and the conclusions reached in the investigation, and must bear the approval of the department and the Executive Faculty of the Graduate School.

The candidate must pay to the Comptroller before graduation the sum of seventy-five dollars (\$75) out of which the University will print at least one hundred copies of this manuscript for circulation by the University, unless the thesis entire or in abbreviated form is published by the author or is accepted for publication by a standard journal or publisher within a year from the date of graduation. In the latter event, and after one hundred copies have been presented to the University by the writer, the cash deposit shall be returned to him.

The typewritten and printed forms of the thesis must comply with the regulations given in "Instructions for the Preparation of Masters' and Doctors' Theses," copies of which may be obtained at the Dean's office.

### Degree of Doctor of Philosophy in Engineering

The degree of Doctor of Philosophy in Engineering is offered in certain lines of academic work of a high scholastic type in engineering science for students who wish to prepare themselves as teachers, investigators, and experts. The general requirements for this degree, as to preliminary education, linguistic attainments, etc., are the same as in other subjects.

The following lines of engineering science, or others approved by the Graduate School, may be elected as majors: ceramic engineering; chemical engineering; coal-mining engineering; electrical engineering; heating and ventilation engineering; hydraulic and sanitary engineering; masonry construction and structural engineering; mechanical engineering; steam engineering.

The first minor may be in any of the above lines, or it may be one of the following sciences or an authorized combination of two of them: bacteriology; botany; chemistry; economics; geology; mathematics; physics (experimental or mathematical); theoretical mechanics; thermodynamics; zoology.

The second minor should be in other than engineering subjects.

### Agricultural and Engineering Experiment Stations

Attention is called to the unusual opportunities for graduate study in connection with the Agricultural and Engineering Experiment Stations. By undertaking a line of graduate study in close association with some one of the projects carried on in those Stations, the student will come into contact with aspects of his specialty which he

would rarely touch in a purely academic study, and he will thus broaden his outlook. The Experiment Stations make available apparatus, equipment, and the services of mechanics, which may materially facilitate the carrying on of investigations.

### Scholarships, Fellowships, and Assistantships

A number of scholarships and fellowships have been established by the Trustees of the University open to candidates who are not over thirty years of age at the time when the appointment is to be made. To first-year graduate students of ability and promise there are open a number of scholarships carrying stipends of \$350 and exemption from the payment of the usual tuition. Fellowships open to second-year and third-year graduate students carry stipends of \$575 and \$700, respectively, and exemption from tuition. To be eligible for a \$700 fellowship, an applicant must pass his language examinations before the date for filing applications and must be prepared to take the preliminary examination in his major and minor subjects by the following June.

Application must be made on blanks to be obtained from the Dean of the Graduate School. These application forms should be sent to the Dean of the Graduate School as early as possible in February of the academic year preceding that for which the fellowship is desired. No application will be considered if received later than February fifteenth, until after April fifteenth, the date when appointees from the first list of applications must accept or refuse their appointments.

Persons appointed are notified on April first and must send the Secretary of the Board of Trustees notice of their acceptance or refusal by April fifteenth; and must agree that, if accepted, the appointment will not be resigned to take a similar one in any other institution during the year for which it is awarded, and that they will not engage in any outside employment for remuneration.

Nominations to fellowships are made on the grounds of worthiness of character, scholastic attainments, and promise of success in the principal line of study or research to which the candidate proposes to devote himself.

*Andersen Scholarship in Accountancy.*—One scholarship is offered annually by Arthur Andersen, C.P.A., through the Arthur Andersen Research and Educational Fund, to a first-year graduate student in accountancy. It is awarded with a stipend of \$500 on recommendation of a committee of the College of Commerce and Business Administration selected for that purpose.

*Carr Fellowship in Chemistry.*—The Honorable Robert F. Carr, of the Class of 1893, gave in 1919 the sum of ten thousand dollars, the income of which is to be used as the stipendium of a fellowship in chemistry or chemical engineering.

*Sharp Scholarship in Library Science.*—The Katharine L. Sharp scholarship was endowed in 1933 by the University of Illinois Library School Association as a memorial to the founder of the Library School. It is awarded, with a stipend of \$300 and exemption from tuition, on recommendation of the Library School faculty.

*Research Graduate Assistantships in the Engineering Experiment Station.*—The Engineering Experiment Station is devoted to the study of problems of special importance to engineering and to manufacturing, railway, mining, and industrial interests, and the stimulation and elevation of engineering education. Approximately fourteen research graduate assistantships with a nominal stipend have been established, open to graduates of approved technical schools and universities. Applicants to whom these graduate assistantships are awarded agree to hold them for two years, devoting one-half their time to the work of the Engineering Experiment Station. At the end of this period, if all requirements have been met, the degree of Master of Science will be conferred. Several additional assistantships are usually maintained by industrial organizations. Applications for graduate assistantships should be made to the Director of the Engineering Experiment Station not later than March 1.

### The Illinois Historical Survey

PROFESSOR THEODORE CALVIN PEASE, Ph.D., Director

The Illinois Historical Survey is a department of the Graduate School, established in 1910 to conduct research in the history of the State of Illinois. It possesses extensive collections of source materials for western history and is continually adding to them. It assisted the Illinois State Historical Library in the publication of these and other materials in the *Illinois Historical Collections*. It offers to graduate students direction in the preparation of theses or monographs based on its collections.

# Department of Military Science and Tactics

**M**ILITARY TRAINING HAS BEEN GIVEN AT THE UNIVERSITY of Illinois ever since the University was opened in 1868, under the charter issued by the State of Illinois, in compliance with the Federal law which provided for the establishment of land-grant colleges. Since the first World War, this training has been given under the provisions of the Acts of Congress of 1916 and 1920, commonly known as the National Defense Acts. Under these laws, the Reserve Officers' Training Corps at the University of Illinois was organized to provide the required basic training and to offer advanced voluntary training on a selective plan. Its program of instruction is normally a part of the academic program of the Urbana departments of the University, since military training has educational values as well as practical values of national defense. Planned primarily for times of peace, the R.O.T.C. program was accelerated after the outbreak of the present war, until the operation of the Selective Service Act, with its minimum age of 18, inactivated the advanced course and brought about the consolidation of the basic courses under one program.

## RESERVE OFFICERS' TRAINING CORPS

### Requirements

All male students, unless specifically exempted under University rules, must register for military training and, unless properly excused, must take the full basic course, whether they intend to graduate or not. If credit is to be counted toward graduation, the full basic course of two years must be completed. The exempted students may take military work, if they so desire, by registering for it, except that no student who is not a citizen of the United States and no student who holds a commission, or a certificate therefor, in the Officers' Reserve Corps, Army, Navy, or Marine Corps, will be permitted to register.

### Exemptions

- (1) Students over 22 years of age when entering the University.
- (2) Students entering the University with junior standing.
- (3) Students who are not citizens of the United States.
- (4) Students who have had two years of military training in other senior units of the R.O.T.C. or equivalent training in junior units of the R.O.T.C.
- (5) Students holding commissions in the Officers' Reserve Corps, Army, Navy, or Marine Corps.
- (6) Students who are certified by the University Health Officer to be physically disqualified for military work.

### Units, Staff, and Equipment

Units of the R.O.T.C. at the University of Illinois are: (1) Infantry, (2) Cavalry, (3) Field Artillery, (4) Coast Artillery, (5) Engineers, and (6) Signal Corps. For the duration of the war these units are combined and instructed in subjects common to all branches.

Army officers are detailed by the War Department as instructors in the several units. The senior officer, as academic head of the University's Military Department, is Professor of Military Science and Tactics. In the military organization he is Commandant of Cadets. All other officers hold appropriate subordinate academic and military positions on his staff. An enlisted detachment is also assigned to assist with the instruction.

The equipment for military instruction is furnished by the War Department. It includes the necessary training equipment of uniforms, weapons, and materiel.

The Armory, located on the south campus, includes classrooms, storerooms, and offices, and encloses a drill floor 400 feet long and 200 feet wide, under an arched roof 100 feet high at the center. Near by are the drill fields and parade grounds.

### **Army Specialized Training Program**

General Marshall, Chief of Staff of the Army, has stated that with the establishment of the minimum selective service age at 18, the Army was compelled to assure itself that there would be no interruption in the flow of professionally and technically trained men in the fields of medicine, engineering, languages, science, mathematics, and psychology. The Army Specialized Training Program was established to supply the needs of the army for such men.

The University of Illinois is instructing a unit of the Army Specialized Training Program of approximately 500 students who are principally those in the reserve section, under 18 years of age. There is a small section of regular A.S.T.P. students in the sanitary engineering program in advanced work. This unit is under the Commandant for administration and military training.

## The Division of Special Services for War Veterans

THE DIVISION OF SPECIAL SERVICES FOR WAR VETERANS was established on April 1, 1944, to meet the varied needs of the men and women who served in the armed forces, the auxiliary services, or the merchant marine, of the United States or its allies after September 15, 1940, and prior to the cessation of hostilities. It is the agency through which the University will help the veteran, particularly the veteran who wishes to begin or continue his education, to prepare himself for life as a civilian. It is a pioneering educational venture breaking traditional educational policies, and allowing for such educational freedom as will serve the best interests of the veteran.

The Division attempts to discover and to meet the needs of the returning veteran. It supplies information to the veteran, and to the man or woman still in service, on the various services of the University, and will, at his request, help him to obtain the benefits which have been offered to him by the State and the Nation. It helps him to determine his educational aims and assists him in attaining them. It aids him in making educational adjustments. It guides him in his search for the curriculum which will best satisfy his needs and helps him in arranging for modifications thereof which he desires and which will be accepted by those administering it.

For the veteran whose special needs can not be satisfied by existing curricula, the Division will arrange and administer educational programs equivalent in quantity and quality to the traditional curricula. Upon the successful completion of such a course of study, the veteran will be granted the degree of Bachelor of Science.

The veteran whose previous training has not fitted him for admission to the curriculum of his choice may, subject to the admission requirements of the Division, register in the Division, take such courses as will enable him to meet the requirements for admission to that curriculum, and transfer into it when he is adequately prepared to pursue it. Through the Registrar of the University, the veteran can ascertain to what extent he may meet entrance or graduation requirements by credit for service or for courses taken through the United States Armed Forces Institute. Credit in military science, physical education, and hygiene will be granted to any veteran, honorably discharged, who presents evidence that he has completed the basic training program in the Army, Navy, Marine Corps, or Coast Guard. Credit for work taken in college training programs, in technical schools, and in courses pursued while the veteran was in service may be transferred upon the basis of evaluation by the Registrar. For *admission*, see pages 81 and 85.

The veteran may register in the Division of Special Services for War Veterans:

- (1) If he so elects at the time of his first registration and is accepted by the Division.
- (2) If he is referred to the Division by any school or college, and is accepted.
- (3) If he voluntarily transfers to the Division from any school or college according to the usual University procedures.

The man or woman in service, as well as the veteran, is invited to bring or to send to the Division, before, during, or after the time he is an enrolled student, any questions concerning his plans for an education, and to make himself familiar with the services of the Division. An extended explanation of these services may be obtained from the office of the Director, 209 Lincoln Hall, Urbana, Illinois.



# COURSES OFFERED AT URBANA

## EXPLANATION

THE PURPOSE OF THIS CATALOG IS NOT TO ANNOUNCE future courses of study but to constitute a record of the courses offered in the academic year ending in June, 1945. Prior to the date for registration of students in each term, the courses to be offered in all the Urbana departments of the University are announced in the "Time Table," copies of which may be obtained from the Information Office in the Administration Building. Separate circulars announcing courses are issued annually by the College of Law, the School of Journalism, the Library School, and the Graduate School. Announcements of correspondence courses and extramural courses are issued by the Division of University Extension (see page 422). Courses given during the current year in the Colleges of Medicine, Dentistry, and Pharmacy are listed under those colleges (see page 363).

The following list of courses offered at Urbana in 1944-1945 (including the 1944 summer semester) is arranged in alphabetic order of departments. The courses offered by each department are listed numerically in groups with headings to indicate the students for whom they are designed. Special requirements for admission to certain courses are introduced by the word *prerequisite*. Each course that was not given in the current year is enclosed in brackets.

Terms of the year are represented by symbols: "S" for the summer term (8 weeks or 16 weeks), "I" for the first semester, and "II" for the second semester. Courses extending through both semesters are designated as "continuous through I and II." Some courses, indicated by the letter "S" before their serial numbers, are offered only in the summer session.

Names of staff members in each department are listed by rank and by seniority of appointment within each rank, except the head of the department who is listed first. In descriptions of courses, the names of persons teaching in the summer but not in the first or second semester are enclosed in parenthesis with the symbol "S."

Credit for undergraduate students is counted in *semester hours*. A semester hour represents the work of one classroom period of fifty minutes each week through one semester, or the equivalent in laboratory or field work. In descriptions of courses the credit values are shown in parenthesis; for example, "(3)" meaning three hours of credit each semester.

Credit for graduate students is counted in *units*. A unit course requires approximately ten hours of time each week through one semester, irrespective of the distribution of that time in class work, laboratory or field work, and private study. Four such courses constitute a student's normal program for one semester. In descriptions of courses for graduates, the unit values are stated in parenthesis. Courses in the intermediate groups, which are open to advanced undergraduates as well as to graduates, generally are evaluated for graduate credit as follows:

- (a) 1 *unit* for a 5-hour or 4-hour course, and  $\frac{1}{2}$  *unit* for a 3-hour, 2-hour, or 1-hour course, to which senior standing is prerequisite.
- (b)  $\frac{1}{2}$  *unit* for a 5-hour or 4-hour course, and  $\frac{1}{4}$  *unit* for a 3-hour, 2-hour, or 1-hour course, to which junior standing is prerequisite.

Some courses have variable credit, as 3 to 5 hours or  $\frac{1}{2}$  to 2 units. In registering for a course with variable credit, each student puts on his study-list the number of hours or units for which he intends to take the course.

## AERONAUTICAL ENGINEERING

Associate Professor STILLWELL (Head of the Department)

### Courses for Undergraduates

1. AERODYNAMICS.—Fundamentals of aerodynamics as applied to the airplane and other means of flight. Propeller selection, classical performance analysis, and principles of airplane stability. I, (3). *Prerequisite:* Theoretical and Applied Mechanics 1. Associate Professor STILLWELL.
- [2. AIRCRAFT MATERIALS AND PROCESSES.—Physical and chemical properties of materials used in aircraft construction; thermal and chemical treatments of aircraft materials; forming and fabrication. II, (3). *Prerequisite:* Mechanical Engineering 81 and 82; Theoretical and Applied Mechanics 3; Aeronautical Engineering 1. Not given in 1944-1945.]
- [22. AIRCRAFT STRUCTURES.—Structural analysis as applied to aircraft; analysis of beams, columns, trusses, connections, and frames; allowable stresses. II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63; Aeronautical Engineering 1. Not given in 1944-1945.]
- [23. AIRCRAFT STRUCTURES.—Continuation of Aeronautical Engineering 22. Buckling of plates; bending and torsion analysis of single and multicell shell structures; analysis of tension field beams and beam columns. I, (3). *Prerequisite:* Aeronautical Engineering 22; Mathematics 16. Not given in 1944-1945.]
- [33. AIRCRAFT DETAIL DESIGN.—Layout and design of simple aircraft components; installation, assembly, and detail drawings; standards and specifications. I, (2). *Prerequisite:* General Engineering Drawing 3; Aeronautical Engineering 22; Mechanical Engineering 32. Not given in 1944-1945.]
- [43. AIRPLANE DESIGN.—Preliminary design of the airplane primarily from the aerodynamic standpoint; planning through to the three-view layout; weight and balance calculations, performance estimation, stability, and load determination. I, (3). *Prerequisite:* Theoretical and Applied Mechanics 2; Aeronautical Engineering 22. Not given in 1944-1945.]
- [44. AIRPLANE DESIGN.—Airworthiness requirements, stress analysis procedure, and design of the airplane structure. II, (3). *Prerequisite:* Aeronautical Engineering 2, 23, and 43. Not given in 1944-1945.]
- [62. AERODYNAMICS LABORATORY.—Experimental aerodynamics illustrating basic principles; use and calibration of instruments; measurement of airflow; pressure distribution; wind tunnel tests of aircraft components and the complete model airplane. II, (2). *Prerequisite:* Theoretical and Applied Mechanics 5; Aeronautical Engineering 43. Not given in 1944-1945.]
- [64. AIRCRAFT STRUCTURES LABORATORY.—Physical testing of aircraft components and assemblies; use and calibration of instruments and study of fixtures used for testing. II, (1). *Prerequisite:* Aeronautical Engineering 2. Not given in 1944-1945.]
- [66. AIRCRAFT ENGINE LABORATORY.—Performance testing of aircraft engines; tests of volumetric efficiency, flame propagation, proper fuel distribution, fuel consumption, detonation, ignition, engine friction, and supercharging; installation. II, (2). *Prerequisite:* Mechanical Engineering 9. Not given in 1944-1945.]

## AGRICULTURAL ADMINISTRATION

Professor SPITLER, Associate Professor KEILHOLZ<sup>1</sup>

### Courses for Undergraduates

- [1. AGRICULTURAL AND HOME ECONOMICS WRITING.—Same as Journalism 24. Open to students in agriculture, home economics, and journalism. I, (3). *Prerequisite:* Junior standing. Not given in 1944-1945.]
- [6. AGRICULTURAL EXTENSION.—II, (2). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor SPITLER.]

<sup>1</sup>Resigned.

## AGRICULTURAL ECONOMICS

*Professors:* CASE<sup>1</sup> (Head of the Department), NORTON (Acting Head of the Department), LLOYD (Emeritus), HUDELSON, STEWART, ASHBY, JOHNSTON, JORDAN, ROSS, WORKING,<sup>2</sup> BARTLETT, LINDSTROM.

*Associate Professors:* WILCOX.

*Assistant Professors:* HANNAH,<sup>3</sup> WILLS.

*Associates:* REISS, KELLY.

*Assistants:* THOMPSON,<sup>3</sup> SNYDER.<sup>3</sup>

## Courses for Undergraduates

1. INTRODUCTORY AGRICULTURAL ECONOMICS.—Historical basis of current farm problems; relation of production to domestic and foreign demand; marketing, prices, finance, taxation, farm records, social relationships. II, (3). No credit for juniors and seniors. Professor ROSS, Mr. KELLY.
- [12. RURAL ORGANIZATIONS.—II, (3). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor LINDSTROM.]
20. FARM MANAGEMENT.—Types of farming; farm planning for soil conservation and profit; interpretation of farm records, credit, tenure, and leases. Lectures, quiz, and laboratory. Field trips to local farms required; estimated expense, \$2. S and I, (3). *Prerequisite:* Sophomore standing. Assistant Professor WILLS; (S, Mr. REISS).
30. MARKETING OF AGRICULTURAL PRODUCTS.—Practices, processes, and agencies (private, cooperative, governmental) related to the marketing of farm crops, livestock, and livestock products. II, (3). *Prerequisite:* Sophomore standing. Professor JORDAN.
41. PROBLEMS IN AGRICULTURAL ECONOMICS.—I and II, (5). *Prerequisite:* Senior standing; approval of head of department. Work may be taken in the following:
  - (a) AGRICULTURAL MARKETING.—Professors NORTON, ASHBY, and BARTLETT.
  - (b) AGRICULTURAL PRICES AND STATISTICS.—Professor WORKING.
  - (c) FARM MANAGEMENT.—Professors CASE and ROSS.
  - (d) LAND ECONOMICS.—Professor STEWART.
  - (e) RURAL ORGANIZATION.—Professor LINDSTROM.

## Courses for Advanced Undergraduates and Graduates

- [6. AGRICULTURAL STATISTICS.—I, (3). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor WORKING.]
8. AGRICULTURAL PRICES.—Prices of agricultural products in the light of price theory and statistical analysis. II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor WORKING.
10. ECONOMIC RELATIONSHIPS OF AGRICULTURE.—Farming as a way of conserving human values; technical changes affecting production and saving in agricultural activities; public policies affecting farm production and outlets at home and abroad; social security for farm people. S, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor STEWART.
- [14. COOPERATION IN AGRICULTURE.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Professor BARTLETT.]
- [15. FINANCING AGRICULTURE.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Professor NORTON.]
- [17. ECONOMIC HISTORY OF AGRICULTURE.—I, (2). *Prerequisite:* Economics 1 or 2. Not given in 1944-1945.]
- [18. LAND ECONOMICS.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Professor STEWART.]
22. TYPES AND SYSTEMS OF FARMING.—Factors determining the location of important farming areas and systems in the United States, with special reference to Illinois; area differences in farm organization, capital requirements, cropping and livestock systems, relation of farming types to income; effect of changing economic conditions. Lectures and quiz. Local field trips will be arranged; estimated expense, \$3. I, (3). *Prerequisite:* Agricultural Economics 20. Associate Professor WILCOX.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence until January 1, 1945.

<sup>3</sup>Resigned.

25. **ADVANCED FARM MANAGEMENT.**—Planning the farm business for soil conservation and for profit; fitting the livestock organization to the kind of crops produced and to market outlets; economic information for farm planning; measures of farm efficiency; labor and power problems. Field trip to study successful farms; estimated expense, \$5. S and II, (3). *Prerequisite:* Agricultural Economics 20; junior standing. Assistant Professor WILLS; (S, Mr. REISS).
- [26. **FARM ADMINISTRATION.**—I, (3). *Prerequisite:* Agricultural Economics 20; senior standing. Not given in 1944-1945. Professor CASE.]
- [31. **GRAIN GRADING AND MARKETING.**—Same as Agronomy 14. I, (3). *Prerequisite:* Agronomy 25; Agricultural Economics 30, or consent of instructor; junior standing. Not given in 1944-1945. Professor NORTON.]
- [34. **MARKETING DAIRY PRODUCTS.**—II, (2). *Prerequisite:* Agricultural Economics 30, or Business Organization and Operation 2, or twelve hours of dairy husbandry; junior standing. Not given in 1944-1945. Professor BARTLETT.]
- [36. **MARKETING HORTICULTURAL PRODUCTS.**—I, (3). *Prerequisite:* Agricultural Economics 30, or twelve hours of horticulture; senior standing. Not given in 1944-1945.]
37. **MARKETING LIVESTOCK.**—Livestock market practice, as applied in current marketing operations. II, (2). *Prerequisite:* Agricultural Economics 30, or consent of instructor; junior standing. Professor ASHBY.
- [42. **FARM APPRAISALS.**—Same as Agronomy 35. II, (5). *Prerequisite:* Agronomy 28 and Agricultural Economics 20, or their equivalents. Not given in 1944-1945. Members of the departments involved.]
- See also Sociology 7, RURAL SOCIOLOGY.*—II, (3). Professor LINDSTROM.

### Courses for Graduates

**NOTE:**—Graduate students may take work in agricultural economics leading to the degrees of Master of Science and Doctor of Philosophy. In the general field of agricultural economics, work is offered in farm organization and management, land economics, agricultural marketing, agricultural prices and statistics, and rural sociology.

Graduate work in agricultural economics as a major subject is open to two groups of students: (1) those who have had at least twenty hours of undergraduate work in economics, agricultural economics, business organization and operation, accountancy, history, political science, or sociology, of which at least twelve hours must have been in economics and agricultural economics; or (2) those who have had a thorough training in the principles of agricultural economics, including at least twelve hours in economics and agricultural economics, either in connection with or in addition to a course of study substantially equivalent to that required for the degree of Bachelor of Science in agriculture in the University of Illinois.

Graduate students taking major work in agricultural economics for the degree of Master of Science are required to take at least two units in economics, including one unit of economic theory, and for the degree of Doctor of Philosophy at least five units in economics, including economic theory and history of economic thought.

The required work in economics may be treated as a part of the work in the major field with the approval of the Department of Agricultural Economics and the Dean of the Graduate School. Otherwise, the work in the Department of Economics will be considered a first minor, in which case the program in that minor will require the approval of the Department of Economics.

To take agricultural economics as a minor, a student must have had at least twenty hours of undergraduate work in agricultural and economic subjects.

- [103. **PERSONNEL RELATIONSHIPS IN TEACHING, RESEARCH, AND EXTENSION WORK.**—Same as Animal Husbandry 103. II, (½ unit). Not given in 1944-1945.]
109. **SEMINAR. THESIS COURSE.**—All graduate students whose major is agricultural economics must register in this course, but only those writing theses acceptable for the degree of Master of Science will be given credit. S, I, and II, (½ to 2 units). Members of the department.
110. **THEORY OF AGRICULTURAL ECONOMICS.**—Economic principles relating to farm land and governmental policies; land classification, use, taxation, tenure, transfer, valuation, and related problems. S, I, and II, (1 unit). Professor STEWART.
- [111. **AGRICULTURAL PRICES AND STATISTICS.**—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor WORKING.]
112. **AGRICULTURAL ECONOMICS RESEARCH.**—S, I, and II, (1 to 2 units). Credit is conditional on completion of acceptable report of investigation. Members of the department.

- [120. FARM MANAGEMENT PRINCIPLES AND INVESTIGATIONAL METHODS.—II, (1 unit). Not given in 1944-1945. Professor CASE.]
135. PROBLEMS IN MARKETING AGRICULTURAL PRODUCTS.—Factors influencing growth of markets; methods of cheapening and improving marketing processes; activities of governmental agencies; cooperative efforts. I, (1 unit). Professors NORTON, ASHBY, and BARTLETT.
- [140. SEMINAR IN RURAL SOCIOLOGY.—II, (1 unit). Not given in 1944-1945. Professor LINDSTROM.]

## AGRICULTURAL ENGINEERING

*Professors:* LEHMANN (Head of the Department), CARTER, SHAWL.

*Associate Professors:* YOUNG.

*Associates:* REED,<sup>1</sup> RAMSER.

*Assistants:* HUBER.<sup>1</sup>

*Cooperating:* Associate Professor M. HENDERSON.

### Courses for Undergraduates

1. INTRODUCTION TO AGRICULTURAL ENGINEERING.—Agricultural problems involving an application of engineering knowledge and methods; land engineering, power and machinery, buildings and equipment. Lectures, recitations, and laboratory. I, (3). Seniors receive only two hours credit. Associate Professor YOUNG.
2. FIELD AND POWER-DRIVEN MACHINERY.—Theory of design and construction; operation and management of machines for soil and feed preparation; seeding, cultivating, and harvesting. Lectures, recitations, and laboratory. I, (3). *Prerequisite:* Agricultural Engineering 1. Professor SHAWL.
3. GAS ENGINES AND TRACTORS.—Theory of construction and operation of engines, timing, ignition, carburetors; fuels, carburetion, lubrication, cost of operation, and trouble work. Lectures, recitations, and laboratory. S and II, (3). *Prerequisite:* Agricultural Engineering 1. Professor SHAWL; (S, Associate Professor YOUNG).
- [11. DAIRY EQUIPMENT AND MACHINERY.—II, (2). *Prerequisite:* Agricultural Engineering 1. Not given in 1944-1945. Associate Professor YOUNG.]
- [20. FARM CONCRETE AND CONSTRUCTION.—I, (2). *Prerequisite:* Agricultural Engineering 1. Not given in 1944-1945. Professor CARTER.]

### Courses for Advanced Undergraduates

- [4. FARM BUILDINGS.—II, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Not given in 1944-1945. Professor CARTER.]
5. SURVEYING, DRAINAGE, AND THE MECHANICS OF SOIL AND WATER CONSERVATION.—Chaining, mapping, leveling; drainage principles; setting grade stakes; laying tile, soil erosion control; water conservation. Lectures, field work, and drafting. S and I, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Professor LEHMANN; (S, Professor CARTER).
- [12. FARM HOME EQUIPMENT AND RURAL ELECTRIFICATION.—II, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Not given in 1944-1945. Professor LEHMANN.]
- [14. RURAL ELECTRIFICATION.—S and II, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Not given in 1944-1945. Professor LEHMANN.]
- [17. HARVESTING MACHINERY.—II, (3). *Prerequisite:* Agricultural Engineering 2; junior standing. Not given in 1944-1945. Professor SHAWL.]
- [18a-18b. INVESTIGATION WITH THESIS.—Continuous through I and II, (5); credit toward graduation not given for either semester separately. *Prerequisite:* Senior standing; 20 hours pertinent to the thesis problem; approval of head of department. Not given in 1944-1945. Professors LEHMANN, CARTER, and SHAWL.]
21. FARM SHOP WORK.—Farm machinery and equipment repairs, simple construction jobs, care of tools, shop planning. Recitations and laboratory. II, (3). Associate Professors YOUNG and HENDERSON.
- [28. ADVANCED GAS ENGINES AND TRACTORS.—I, (3). *Prerequisite:* Agricultural Engineering 3; consent of instructor. Not given in 1944-1945. Professor SHAWL.]

<sup>1</sup>On leave of absence for war service.

### Courses for Advanced Undergraduates and Graduates

- [42. HYDRAULICS OF SOIL AND WATER CONSERVATION.—I, (3). *Prerequisite:* Civil Engineering 15; Theoretical and Applied Mechanics 4 and 64; credit or registration in Civil Engineering 50, 62, and 63. Not given in 1944-1945. Professor LEHMANN.]
- [43. FARM POWER.—I, (3). *Prerequisite:* Mechanical Engineering 10 or 13. Not given in 1944-1945. Mr. RAMSER.]
- [44. DESIGN OF AGRICULTURAL MACHINERY.—II, (3). *Prerequisite:* Mechanical Engineering 41; consent of instructor. Not given in 1944-1945. Mr. RAMSER.]
- [45. ADVANCED FARM STRUCTURES.—II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63; Civil Engineering 61. Not given in 1944-1945. Professor CARTER.]
51. SPECIAL PROBLEMS.—Each student chooses a special problem for design, laboratory, or field work with special library research. S, I, and II, (3). *Prerequisite:* Senior standing; approval of head of department. Members of the department.

### AGRONOMY

*Professors:* BURLISON (Head of the Department), BAUER, DETURK, R. S. SMITH, WOODWORTH, DUNGAN, NORTON, SEARS, KOEHLER, WIMER, BONNETT, BRAY.

*Associate Professors:* CRANE, GIESEKING.

*Assistant Professors:* SHERWOOD,<sup>1</sup> STAUFFER, FUELLEMAN, BOLIN, APPLEMAN.

*Associates:* G. D. SMITH.<sup>1</sup>

### Courses for Undergraduates

18. INVESTIGATION WITH THESIS.—Continuous through I and II, (5); credit toward graduation not given for either semester separately. *Prerequisite:* Senior standing; 20 hours pertinent to the thesis problem; approval of head of department.
- (a) SOILS.—Professors BAUER, DETURK, R. S. SMITH, SEARS, and BRAY, Associate Professor GIESEKING.
- (b) CROPS.—Professors BURLISON, WOODWORTH, DUNGAN, KOEHLER, and BONNETT, Assistant Professor FUELLEMAN.
25. FARM CROPS.—Production and harvesting of common farm crops; means of improvement; diseases, insects, weeds, and their control; seed purity and germination; market grades of grain; grain judging. Lecture, laboratory, and discussion. II, (4). Seniors receive only three hours credit. *Prerequisite:* Botany 5. Professor DUNGAN, Assistant Professor FUELLEMAN.
28. SOILS.—Origin, formation, and nature of soils; kinds of soils and their properties; increase and maintenance of productive capacity; fertilizers, management practices, and cropping systems. Lectures, quiz, and laboratory. I and II, (5). *Prerequisite:* Chemistry 5; Geology 44. Professor WIMER, Associate Professor CRANE.
- [34. CROP QUALITY.—II, (3). *Prerequisite:* Botany 5. Not given in 1944-1945. Professor DUNGAN, Assistant Professor BOLIN.]

### Courses for Advanced Undergraduates and Graduates

7. CROP PRODUCTION AS AFFECTED BY ENVIRONMENTAL FACTORS.—Ecological behavior of farm crops. Lectures and assigned readings. S, (3). *Prerequisite:* Agronomy 25; junior standing. Professors BURLISON and DUNGAN.
8. FORAGE CROPS.—Adaptation, culture, utilization, and preservation. Lectures, discussions, and readings. II, (3). *Prerequisite:* Agronomy 25. Assistant Professor FUELLEMAN.
- [10. GENESIS, MORPHOLOGY, CLASSIFICATION, AND GEOGRAPHY OF SOILS.—II, (3). *Prerequisite:* Agronomy 28; junior standing. Not given in 1944-1945. Professor R. S. SMITH.]
11. ROLE OF MICROORGANISMS IN SOIL FERTILITY.—Microorganisms of the soil in relation to fertility; nitrogen fixation, assimilation, and preservation. Lectures. I, (3). *Prerequisite:* Agronomy 28; Bacteriology 5a; junior standing. Professor SEARS.

<sup>1</sup>On leave of absence for war service.

13. SOIL PRODUCTIVITY, ITS VARIATION, MODIFICATION, AND MAINTENANCE.—Factors affecting soil productivity; soil type response; influence of cropping systems, fertilizers, and management practices on productivity trends. Lectures, discussions, and assigned readings. S, (3). *Prerequisite*: Agronomy 28; senior standing. Professor BAUER.
14. GRAIN GRADING AND MARKETING.—See Agricultural Economics 31.
- [22. IMPROVEMENT OF FARM CROPS BY BREEDING.—II, (3). *Prerequisite*: Agronomy 25; junior standing. Not given in 1944-1945. Professor BONNETT, Assistant Professor BOLIN.]
- [29. PRINCIPLES OF FIELD PLOT EXPERIMENTATION.—I, (3). *Prerequisite*: Senior standing. Not given in 1944-1945. Professor WOODWORTH.]
- [30. METABOLISM OF SOIL MICROORGANISMS.—II, (3). *Prerequisite*: Bacteriology 5a-5b (or 20); Chemistry 32; junior standing. Not given in 1944-1945. Professor SEARS, Assistant Professor APPLEMAN.]
- [31. BIOLOGICAL METHODS OF SOIL INVESTIGATIONS.—II, (3). *Prerequisite*: Agronomy 11; senior standing. Not given in 1944-1945. Professor SEARS, Assistant Professor APPLEMAN.]
- [32. PHYSICAL METHODS OF SOIL INVESTIGATION.—I, (3). *Prerequisite*: Agronomy 28; junior standing. Not given in 1944-1945. Assistant Professor STAUFFER.]
- [33. CHEMISTRY OF FERTILIZERS AND THEIR SOIL REACTIONS.—II, (3). *Prerequisite*: Agronomy 28; junior standing. Not given in 1944-1945. Professor DETURK.]
35. FARM APPRAISALS.—See Agricultural Economics 42.

### Courses for Graduates

NOTE:—Candidates for the M.S. and Ph.D. degrees in agronomy may specialize in soil fertility, soil physics, soil biology, plant breeding, or crop production. For either degree, if two minors are chosen, the first should be, and both may be, taken in a department other than agronomy. If only one minor is chosen, it must be in some other department. A candidate for the master's degree in agronomy must present an acceptable thesis, and show proficiency in his work as demonstrated by suitable examinations, prescribed by the department. Students must have had the fundamental work in science prerequisite to the major and minor fields of study. Fifteen semester hours in agronomy and related subjects are prerequisite for a minor, and five additional hours for a major; but students with unusually good training in science may be exempted from certain of these requirements.

101. CHEMICAL PROPERTIES OF SOILS: THEIR RELATION TO SOIL DEVELOPMENT AND PLANT GROWTH.—Chemical properties of soils and soil materials; chemical aspects of soil development; their significance as factors in crop growth and plant nutrition. Discussion and assigned reading. I, (1 unit). Professor DETURK.
- [104. SEMINAR.—I and II, ( $\frac{1}{4}$  unit). Not given in 1944-1945. Graduate staff.]
- [112. THEORY AND ANALYSIS OF PLANT BREEDING PROBLEMS.—II, (1 unit). Not given in 1944-1945. Professor WOODWORTH.]
- [114. PRINCIPLES UNDERLYING THE PRODUCTION OF CROPS.—II, (1 unit). Not given in 1944-1945. Professor DUNGAN.]
118. RESEARCH.—S, I, and II, ( $\frac{1}{2}$  to 4 units). Work may be taken in the following:  
 (a) SOILS.—Professors BAUER, DETURK, R. S. SMITH, SEARS, and BRAY, Associate Professor GIESEKING.  
 (b) CROPS.—Professors BURLISON, WOODWORTH, DUNGAN, KOEHLER, and BONNETT.
119. PERSONNEL RELATIONSHIPS IN TEACHING, RESEARCH, AND EXTENSION WORK.—See Animal Husbandry 103.

### ANIMAL HUSBANDRY

*Professors*: CARROLL (Head of the Department), GRINDLEY (Emeritus), RUSK, EDMONDS, CARD, MITCHELL, ROBERTS, ASHBY, BULL, KAMMLADE, SNAPP,<sup>1</sup> FAIRBANKS, HAMILTON.

*Assistant Professors*: CRAWFORD, JOHNSON, KRIDER, NALBANDOV, BEAN.

*Associates*: SPECTOR.

*Assistants*: GARRIGUS,<sup>1</sup> TERRILL.<sup>1</sup>

*Cooperating*: Professor H. C. M. CASE.<sup>1</sup>

<sup>1</sup>On leave of absence for war service.

### Courses for Undergraduates

1. INTRODUCTION TO ANIMAL HUSBANDRY.—Elementary livestock judging. May be taken by any freshman or sophomore. Required of agriculture students who have not had livestock judging in high school. I, (3). Juniors and seniors receive only two hours credit. Assistant Professor CRAWFORD.
- [3. BREEDS AND MARKET CLASSES OF LIVESTOCK.—I, (5). *Prerequisite:* Animal Husbandry 1, or equivalent. Not given in 1944-1945. Professors EDMONDS, FAIRBANKS, and KAMMLADE.]
6. LIVESTOCK MANAGEMENT.—Breeding, feeding, and management of horses, beef cattle, sheep, and swine. II, (3). *Prerequisite:* Animal Husbandry 21. Professor EDMONDS.
- [10. FARM MEATS.—II, (3). *Prerequisite:* Animal Husbandry 36. Not given in 1944-1945. Professor BULL.]
- [12. SPECIAL PROBLEMS.—I and II, (5). *Prerequisite:* Senior standing; approval of head of department. Not given in 1944-1945. Members of the department.]
21. PRINCIPLES OF FEEDING.—II, (3). *Prerequisite:* Chemistry 1 or 2. Professor BULL.
36. SELECTION AND USE OF MEAT.—Physical and chemical composition; nutritive value; economy, selection, and utilization of cuts. Lectures and demonstrations. I, (2). Professor BULL.
37. POULTRY MANAGEMENT.—Lectures, readings, quizzes, and laboratory. II, (3 or 4). Students may register for this course either with or without the laboratory. *Prerequisite:* Animal Husbandry 21. Professor CARD, Assistant Professor NALBANDOV.
- [38. POULTRY BREEDS AND JUDGING.—From the students taking or having had this course will be chosen the team to represent the University in the Annual Mid-West Intercollegiate Student Poultry Judging Contest. I, (3). *Prerequisite:* Animal Husbandry 37. Not given in 1944-1945.]

### Courses for Advanced Undergraduates and Graduates

- [22. ADVANCED STOCK JUDGING.—From the students in this class will be chosen the team to represent the University in the Annual Intercollegiate Student Judging Contest. I, (3). *Prerequisite:* Animal Husbandry 3. Not given in 1944-1945. Professor EDMONDS and heads of divisions.]
- [24. MEAT JUDGING AND SPECIAL PROBLEMS.—I, (3). *Prerequisite:* Animal Husbandry 10 or 36. Not given in 1944-1945. Professor BULL.]
25. BEEF PRODUCTION.—I, (3). *Prerequisite:* Animal Husbandry 6. Professor CARROLL.
26. PORK PRODUCTION.—I, (3). *Prerequisite:* Animal Husbandry 21. Professor FAIRBANKS.
27. SHEEP HUSBANDRY.—I and II, (3). *Prerequisite or concurrent:* Animal Husbandry 6. Professor KAMMLADE.
- [28. HISTORY OF BREEDS OF LIVESTOCK.—II, (3). *Prerequisite:* Animal Husbandry 3. It is recommended that this course precede Animal Husbandry 22. Not given in 1944-1945. Professor KAMMLADE and heads of divisions.]
33. HORSE PRODUCTION.—II, (3). *Prerequisite or concurrent:* Animal Husbandry 3, 6. Professor EDMONDS, Assistant Professor CRAWFORD.
- [39. POULTRY BREEDING AND IMPROVEMENT.—I, (3). *Prerequisite:* Animal Husbandry 37. Not given in 1944-1945. Professor CARD.]
- [41. ANIMAL GENETICS.—II, (3). *Prerequisite:* Zoology 14, or 15 and junior standing. Not given in 1944-1945. Professor ROBERTS.]
43. ANIMAL NUTRITION.—For students whose major is not animal nutrition and who desire an introduction to the principles and the practical applications of this science to animal feeding. II, (3). *Prerequisite:* Animal Husbandry 21; Chemistry 32. Professor HAMILTON.

### Courses for Graduates

NOTE:—Students entering graduate work in animal husbandry must have had a thorough training in the fundamental principles of the subject, either in connection with, or in addition to, a course of study in agriculture substantially equivalent to that offered in the University.

- [103. PERSONNEL RELATIONSHIPS IN TEACHING, RESEARCH, AND EXTENSION WORK.—Same as Agricultural Economics 103. II, (½ unit). Not given in 1944-1945.]



107. PRINCIPLES OF ANIMAL NUTRITION.—Principles involved in determining an animal's food requirements and the physiological and biological processes of food utilization. I, (1 unit). Professor HAMILTON.
112. RESEARCH.—I and II, ( $\frac{1}{2}$  to 2 units). Work may be taken in the following:  
 (a) ECONOMIC FACTORS IN MEAT PRODUCTION.—Professors RUSK, CARROLL, KAMMLADE, FAIRBANKS, and BULL.  
 (b) SYSTEMS OF LIVESTOCK FARMING.—Professor CASE.  
 (d) ANIMAL NUTRITION.—Professors MITCHELL and HAMILTON.  
 (e) ANIMAL GENETICS.—Professor ROBERTS, Assistant Professor NALBANDOV.  
 (f) POULTRY HUSBANDRY.—Professor CARD, Assistant Professor NALBANDOV.
117. ANIMAL GENETICS.—Physiology of reproduction, fertility, heredity. I and II, (1 unit). Professor ROBERTS, Assistant Professor NALBANDOV.
118. ANIMAL NUTRITION SEMINAR.—I and II, ( $\frac{1}{2}$  unit). Professor MITCHELL.
119. LABORATORY METHODS IN ANIMAL NUTRITION.—I, ( $\frac{1}{2}$  to 1 unit). Professor HAMILTON.
120. METHODS OF VITAMIN ASSAY.—II, ( $\frac{1}{2}$  to 1 unit). *Prerequisite:* Chemistry 50; consent of instructor. Assistant Professor JOHNSON.
121. LABORATORY METHODS IN ANIMAL GENETICS.—I, ( $\frac{1}{2}$  to 1 unit). Professor ROBERTS.
- [131. ADVANCED COURSE IN ANIMAL NUTRITION.—Physiology, factors affecting metabolism. Lectures, quizzes, and readings. II, (1 unit). *Prerequisite:* Animal Husbandry 7. Not given in 1944-1945. Professor MITCHELL.]

## ANIMAL PATHOLOGY AND HYGIENE

*Professors:* GRAHAM (Head of the Department), SAMPSON.

*Assistant Professors:* BOLEY,<sup>1</sup> MORRILL, ALBERTS.

*Associates:* LEVINE.<sup>1</sup>

*Assistants:* HARDENBROOK.

### Courses for Undergraduates

1. ANIMAL HYGIENE.—Prevention of infectious, contagious, parasitic, and nutritional diseases of animals in relation to agriculture and public health. Two lectures each week. It is recommended that all sophomore students primarily interested in animal and dairy husbandry enroll in this course. I, (2). *Prerequisite:* Sophomore standing. Professor GRAHAM.
2. PHYSIOLOGY AND ANATOMY OF FARM ANIMALS.—Two lectures and one recitation or demonstration each week. II, (3). *Prerequisite:* Chemistry 1 or equivalent; sophomore standing. Professor SAMPSON and staff.

### Courses for Advanced Undergraduates and Graduates

3. NONCONTAGIOUS AND CONTAGIOUS DISEASES OF FARM ANIMALS.—Prevention of bacterial, fungal, protozoan, virus, and metabolic diseases of farm animals. S, (5). *Prerequisite:* Animal Pathology and Hygiene 2, or equivalent. *Recommended:* Bacteriology 5a; Animal Husbandry 43. Professors GRAHAM and SAMPSON.
- [4. PARASITIC DISEASES OF DOMESTIC ANIMALS.—II, (3). *Prerequisite:* Zoology 14, or equivalent. *Recommended:* Animal Pathology and Hygiene 1 or 2. Not given in 1944-1945. Professors GRAHAM and SAMPSON.]

### Courses for Graduates

NOTE:—Candidates for the degree of M.S. or Ph.D. in animal pathology and hygiene must be graduates of a recognized veterinary college. Students whose major is in related fields may register for a minor in this field.

101. LABORATORY DIAGNOSTIC METHODS IN ANIMAL PATHOLOGY.—Diagnosis of the animal diseases caused by bacteria, filtrable viruses, and fungi. S and I, ( $\frac{1}{2}$  to 1 unit). Professors GRAHAM and SAMPSON.
102. LABORATORY DIAGNOSTIC METHODS IN ANIMAL PATHOLOGY.—Diagnosis of the animal diseases caused by parasitic protozoa, helminths, arthropods, metabolic disturbances, and poisonous plants. S and II, ( $\frac{1}{2}$  to 1 unit). Professors GRAHAM and SAMPSON.

<sup>1</sup>On leave of absence for war service.

103. RESEARCH.—Assigned problems of research in veterinary pathology, histology, physiology, parasitology, and bacteriology. S, I, and II, (1 to 2 units). Professors GRAHAM and SAMPSON.
104. SEMINAR.—Required of all graduate students whose major is animal pathology and hygiene. I and II, ( $\frac{1}{4}$  unit). Professors GRAHAM and SAMPSON.
105. ADVANCED ANIMAL PATHOLOGY.—Advanced study of gross and microscopic pathology of diseases of domestic animals. II, (1 unit). Professors GRAHAM and SAMPSON.

## ARCHITECTURE

*Professors:* PROVINE (Head of the Department), NEWCOMB, PALMER, DEAM, MORGAN, LAING, LESCHER.

*Associate Professors:* O'DONNELL, SCHEICK,<sup>1</sup> LOVE.

*Assistant Professors:* FJELDE, KEITH, SWEET,<sup>2</sup> TOTH.

*Associates:* BRANCH,<sup>2</sup> DOBBERMAN,<sup>3</sup> LINDSAY.

*Instructors:* DAVIS.<sup>2</sup>

*Cooperating:* Assistant Professor FLORENCE B. ROBINSON.

### Courses for Undergraduates

- [11. HISTORY OF ARCHITECTURE.—Not open to students expecting a degree in architecture. I, (3). Not given in 1944-1945. Professor LAING.]
- [12. HISTORY OF ARCHITECTURE.—Not open to students expecting a degree in architecture. II, (3). *Prerequisite:* Architecture 11, or consent of instructor. Not given in 1944-1945. Professor LAING.]
13. HISTORY OF ARCHITECTURE.—Architecture and civilization of the Near-Orient. An analysis of structural space and form in the Near-Orient, from Egypt to Persia (Iran)—based on a study of the environmental influences and scientific achievement which governed the production in each area. Illustrated lectures, readings, sketches, and reports. I, (2). *Prerequisite:* Architecture 31 or 32, or sophomore standing. Associate Professor O'DONNELL.
14. HISTORY OF ARCHITECTURE.—Architecture and civilization of Greece and Rome. An analysis of structural space and form in the areas affected by the classical developments of Greece and Rome. The course follows the pattern of Architecture 13 in the consideration of environmental influences and scientific achievement as factors underlying classic structural form. Illustrated lectures, readings, sketches, and reports. I and II, (2). *Prerequisite:* Architecture 13. Associate Professor O'DONNELL.
- 31-32. ARCHITECTURAL DESIGN.—Beginning study of architectural planning and designing. Fundamentals of sketching and presentation. S, I, and II, (3). Assistant Professor FJELDE, Mr. LINDSAY; (S, Assistant Professor KEITH).
- 33-34. ARCHITECTURAL DESIGN.—Continued study of architectural planning and designing; study of principles of plan, elevation, and section of small buildings. S, I, and II, (3). *Prerequisite:* Architecture 32. Assistant Professor KEITH; (S, Assistant Professor FJELDE).
43. MATERIALS AND METHODS OF CONSTRUCTION.—Methods and materials of wood frame construction; manufacture and installation of millwork, roofing, paints, glass, insulation, sheet metal, etc.; working drawings; detailing. I and II, (3). *Prerequisite:* Architecture 32. Professor LESCHER.
44. MATERIALS AND METHODS OF CONSTRUCTION.—Methods of masonry, steel, concrete, and other fireproof construction; manufacture and uses of materials of such construction; working drawings; detailing. I and II, (3). *Prerequisite:* Architecture 43. Professor LESCHER.
45. STRUCTURAL ELEMENTS.—Graphical and algebraic analysis of forces; centroids; moments of inertia; bending moments, shear, and deflection in beam design; truss loadings and stresses; and kerns, pressures, shear, and moments in masonry structures. Use of handbooks. I and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 1 or 18. Assistant Professor TOTH.
46. THEORY OF STRUCTURAL DESIGN.—Analysis and design of timber trusses, riveted steel trusses, welded steel trusses, timber floor panels, steel floor panels, columns, plate girders, trussed beams, various structural details, and application prob-

<sup>1</sup>On leave of absence to act as Coordinator of the Small Homes Council.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>On leave of absence for the year.

- lems from actual professional practice. Use of handbooks. I and II, (3). *Prerequisite*: Architecture 45. Assistant Professor TOTH.
55. BUILDING SANITATION.—Water supply and treatment, drainage systems, sewage disposal, plumbing fixtures and their installation. I and II, (1). *Prerequisite*: Physics 8a-8b; Architecture 44. Professor LESCHER.
56. BUILDING SANITATION.—Water supply and treatment, purification, pumping and storage, piping and drainage systems, plumbing fixtures and their installation. Plumbing design. I and II, (2). *Prerequisite*: Junior standing in architecture. Professor LESCHER.
- [60. REINFORCED CONCRETE.—II, (2). *Prerequisite*: Senior standing in architecture. Not given in 1944-1945. Professor PALMER.]
- 65-66. THEORY OF ARCHITECTURE.—Study of modern planning problems. Lectures and discussions. I and II, (1). *Prerequisite*: Registration in Architecture 35 or 36. Professor DEAM.
- 71-72. ELEMENTS OF DRAWING.—Not open to students expecting a degree in architecture. Architectural elements, rendering, and composition. I and II, (3). Associate Professor LOVE, Assistant Professors FJELDE and KEITH, Mr. LINDSAY.
75. FRAME CONSTRUCTION DETAILS.—For landscape architects. Not open to students expecting a degree in architecture. Characteristics and uses of various woods. Lectures and drafting-room work involving details of construction for garden fences, gates, pergolas, shelters. I, (2). *Prerequisite*: Consent of instructor. Assistant Professor ROBINSON.
76. MASONRY CONSTRUCTION DETAILS.—For landscape architects. Not open to students expecting a degree in architecture. Materials used in masonry construction, stone, brick, terra cotta, tile, and other materials as applied to walks, walls, gateways, shelters, and similar objects. Lectures and drafting room work. II, (2). *Prerequisite*: Architecture 75. Assistant Professor ROBINSON.
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite*: Senior standing in architecture. Not given in 1944-1945.]

#### Courses for Advanced Undergraduates and Graduates

- 15-16. HISTORY OF ARCHITECTURE.—Architecture and civilization of Europe from A.D. 300 to 1400. An analysis of structural space and medieval form in Europe, based on a study of the environmental influences and scientific achievement which governed production during this epoch. Illustrated lectures, readings, and semester reports. I and II, (2). *Prerequisite*: Architecture 14. Associate Professor O'DONNELL.
17. HISTORY OF ARCHITECTURE.—Architecture and civilization of Europe since 1400. An analysis of structural space and form in Europe during the Renaissance, based on a study of the environmental influences and scientific achievement which governed the production of modified classic structural forms. Illustrated lectures, readings, sketches, and reports. I, (2). *Prerequisite*: Architecture 16. Associate Professor O'DONNELL.
18. HISTORY OF ARCHITECTURE.—Architecture and civilization of the Americas and Modern Europe. An analysis of structural space and form in the Americas down to the present time, and in modern Europe, based on a study of environmental influences and modern scientific achievement, which have brought about a gradual change from traditional to modern methods of construction. Illustrated lectures, readings, sketches, and reports. II, (2). *Prerequisite*: Architecture 17. Associate Professor O'DONNELL.
- 35-36. ARCHITECTURAL DESIGN.—Principles of site planning, group planning, and studies of other contemporary architectural problems. S, I, and II, (5). *Prerequisite*: Two years of architectural design. Professor DEAM; (S, Assistant Professor KEITH).
- 37-38. ARCHITECTURAL DESIGN.—Advanced study of community planning, with reference to modern complex building requirements. I and II, (7). *Prerequisite*: Senior standing in architecture. Professor DEAM.
47. THEORY OF STRUCTURES.—Simple framing, churches, industrial buildings, arches; deflections; elastic theory. S, I, and II, (5). *Prerequisite*: Architecture 46; registration in Architecture 57. Professor MORGAN.
48. ADVANCED STRUCTURES.—Theatres, assembly halls, and high buildings; continuous beams and trusses; rigid frames; statical indetermination. S and II, (5). *Prerequisite*: Architecture 47; registration in Architecture 58. Professor MORGAN.

57. REINFORCED CONCRETE THEORY.—Principles of reinforced concrete construction; theory of design of structural elements. I and II, (3). *Prerequisite:* Architecture 46; registration in Architecture 47. Professor PALMER.
58. REINFORCED CONCRETE DESIGN.—Reinforced concrete building design; analysis of various types of construction. S and II, (3). *Prerequisite:* Architecture 57; registration in Architecture 48. Professor MORGAN.
68. SPECIFICATIONS.—Lectures and discussion of specifications for buildings; supplementary and general conditions of the contract; detailed specifications; supervision and superintendence; building laws and codes. I and II, (3). *Prerequisite:* Senior standing in architecture. Professor PROVINE.
83. OFFICE PRACTICE.—From school to practice; discussion of professional ethics and problems confronting the architect in the conduct of his business; procedure and control of work in the office and in the field; methods of making architectural estimates; contracts and contract documents; awarding of contracts. I and II, (2). *Prerequisite:* Senior standing in architecture. Professor PROVINE.

### Courses for Graduates

NOTE:—The prerequisite for graduate work in architecture is the equivalent of the undergraduate courses required for the bachelor's degree in the branches of the subject in which registration is desired.

- [101. ARCHITECTURAL CONSTRUCTION.—Theory and design. ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945. Professor PALMER.]
103. ARCHITECTURAL CONSTRUCTION.—Special problems. I and II, ( $\frac{1}{2}$  to 2 units). Professor MORGAN.
104. ARCHITECTURAL DESIGN.—Advanced course. I and II, (1 to 3 units). Professor DEAM.
- [105. ARCHITECTURAL PRACTICE.—Research in special topics. ( $\frac{1}{4}$  to  $\frac{1}{2}$  unit). Not given in 1944-1945. Professor PROVINE.]
106. ARCHITECTURAL HISTORY.—Special research. I and II, ( $\frac{1}{2}$  to 2 units). Professors NEWCOMB and LAING.

### ART

*Professors:* VAN DERPOOL (Head of the Department), BAILEY, BRADBURY, DONOVAN.<sup>1</sup>

*Assistant Professors:* HOGAN,<sup>2</sup> KENNEDY, WOODROOFE, DOOLITTLE, SCHULTZ,<sup>2</sup> DIETEMANN.

*Associates:* RAE,<sup>2</sup> SHIPLEY.

*Instructors:* RAUSHENBERGER, HULT,<sup>2</sup> BRITSKY,<sup>2</sup> HYSLOP, JOHNSON, MARTIN, ZIROLI.

*Assistants:* POST.

*Cooperating:* Professor A. K. LAING.

### Courses for Undergraduates

- 1a-1b. DESIGN.—For home economics students. Composition in line, pattern, monochrome, and color. I and II, (2). Seniors receive only one hour credit. Professors LAING and DONOVAN, Assistant Professors DOOLITTLE, KENNEDY, and DIETEMANN, Mr. JOHNSON.
- 2a-2b. WATER COLOR.—Still-life and outdoor sketching. S, I, and II, (2). *Prerequisite:* Art 26. Assistant Professors KENNEDY and DOOLITTLE; (S, Assistant Professor DIETEMANN).
- 4a-4b. INTERIOR DESIGN.—Continuous through I and II, (2). *Prerequisite:* Art 32a concurrently, or Art 1b. Professor LAING.
11. INTRODUCTION TO THE HISTORY OF FINE ARTS.—Exclusively for non-art students. Cultural analysis of the interrelated fields of architecture, sculpture, painting, and other humanistic studies previous to the Italian Renaissance. I, (3). *Prerequisite:* Sophomore standing. Mr. HYSLOP.
12. INTRODUCTION TO THE HISTORY OF FINE ARTS (CONTINUED).—Exclusively for non-art students. Cultural analysis of the interrelated fields of architecture, sculpture,

<sup>1</sup>On leave of absence second semester.

<sup>2</sup>On leave of absence for war service.

- painting, and other humanistic studies beginning with the Italian Renaissance and continuing through the Modern Period. II, (3). *Prerequisite*: Sophomore standing. Mr. HYSLOP.
13. HISTORY OF ART AND CULTURE: ANCIENT PERIOD.—Painting, sculpture, and minor arts from the Early Egyptian, through the Assyrian, Babylonian, Persian, Pre-Greek, Greek, Etruscan, and Roman periods. I, (2). *Prerequisite*: Sophomore standing. Mr. HYSLOP.
14. HISTORY OF ART AND CULTURE: MEDIEVAL PERIOD.—Painting, sculpture, and minor arts of the Early Christian, Byzantine, Romanesque, and Gothic periods. S and II, (2). *Prerequisite*: For art students, Art 13; for non-art students, sophomore standing or consent of instructor. Mr. HYSLOP; (S, Professor VAN DERPOOL).
- 21a-21b. FREEHAND DRAWING.—Primarily for students in architecture and landscape architecture. Simple groups of block forms, still-life, and casts in pencil and charcoal. S, I, and II, (2). Professor BAILEY, Assistant Professor WOODROOFE, Miss POST; (S, Professors BRADBURY and DONOVAN, Assistant Professor DIETEMANN, Mr. RAUSHENBERGER).
- 22a-22b. FREEHAND DRAWING (CONTINUED).—Primarily for students in architecture and landscape architecture. Charcoal drawing from the cast; water color. S, I, and II, (2). *Prerequisite*: Art 21b. Assistant Professor WOODROOFE; (S, Professor DONOVAN, Assistant Professor DIETEMANN).
- 25-26. ART FORM.—Structure of graphic expression; drawing from cast and still-life; design; clay modeling; action sketch from model. Weekly lecture; demonstrations on various phases of art. S, I, and II, (5). Seniors receive only four hours credit. Professor BAILEY, Assistant Professors DOOLITTLE, KENNEDY, and DIETEMANN, Mr. RAUSHENBERGER, Mr. MARTIN, Miss POST; (S, Professor DONOVAN).
- 27-28. LIFE DRAWING.—Construction of the figure in charcoal and study of head from life; anatomy and figure sketch. S, I, and II, (5). *Prerequisite*: Art 26. Professors BAILEY and BRADBURY, Mr. ZIROLI; (S, Assistant Professor KENNEDY).
- 27a-28a. LIFE DRAWING.—Primarily for students in industrial design curriculum. S, I, and II, (2). *Prerequisite*: Art 26. Professor BAILEY; (S, Professor BRADBURY, Assistant Professor KENNEDY).
- 32a-32b. ELEMENTARY COMPOSITION.—Pictorial composition in line, pattern, and color. S, I, and II, (2). *Prerequisite*: Sophomore standing in art. Assistant Professor DOOLITTLE, Mr. ZIROLI; (S, Professor DONOVAN, Assistant Professor DIETEMANN).
- 41a-41b. STILL-LIFE.—Painting from arranged groups. S, I, and II, (2). *Prerequisite*: Art 26. Assistant Professor KENNEDY, Mr. ZIROLI; (S, Professor BRADBURY).
50. MODELING.—Open to students in other colleges. Sculptural art; anatomical and ornamental forms; plaster molds and models. I and II, (2). *Prerequisite*: Consent of instructor. Mr. MARTIN.
- 51a-51b. MODELING (CONTINUED).—I and II, (2). *Prerequisite*: Art 26. Mr. MARTIN.
- [60. LETTERING AND LAYOUT IN ADVERTISING.—I, (2). *Prerequisite*: Business Organization and Operation 8 or 10. Not given in 1944-1945. Professor DONOVAN.]
- 70a. CRAFT MATERIALS AND TECHNIQUES.—Primarily for students in occupational therapy curriculum and for recreation majors in physical education for men. Introduction to the design and execution of craft projects in leather, wood, and metal. S, I, and II, (2). *Prerequisite*: Sophomore standing, or consent of instructor. Mr. SHIPLEY.

### Courses for Advanced Undergraduates

- [3a-3b. WATER COLOR.—I and II, (2). *Prerequisite*: Art 2b. Not given in 1944-1945.]
- 10a-10b. COURSE FOR TEACHERS.—Public school art for the first eight grades and high school; organization, equipment, and administrative duties of the supervisor. I, (3); II, (2). *Prerequisite*: Art 32b, or junior standing. Mr. JOHNSON.
15. HISTORY OF ART AND CULTURE: ITALIAN RENAISSANCE.—Painting and sculpture considered against the cultural background; fourteenth through the eighteenth century. S and I, (2). *Prerequisite*: For art students, Art 14; for non-art students, junior standing or consent of instructor. Mr. HYSLOP; (S, Professor VAN DERPOOL).
16. HISTORY OF ART AND CULTURE: RENAISSANCE IN THE LOW COUNTRIES AND GERMANY.—Flemish, Dutch, and German painting and sculpture as related to the cultural backgrounds; fifteenth through the eighteenth century. S and II, (2). *Prerequisite*:

- site: For art students, Art 15; for non-art students, junior standing or consent of instructor. Professor VAN DERPOOL; (S, Mr. HYSLOP).
17. HISTORY OF ART AND CULTURE: RENAISSANCE IN FRANCE, SPAIN, AND ENGLAND.—Painting and sculpture considered against the cultural background; fifteenth through the eighteenth century. I, (2). *Prerequisite:* For art students, Art 16; for non-art students, junior standing or consent of instructor. Professor VAN DERPOOL.
18. HISTORY OF ART AND CULTURE: MODERN PERIOD.—Painting and sculpture as related to the cultural backgrounds of Europe and America; nineteenth and twentieth centuries. II, (2). *Prerequisite:* For art students, Art 17; for non-art students, junior standing or consent of instructor. Mr. HYSLOP.
- 19a-19b. HISTORY OF ART IN INDUSTRY.—Analysis of applied art in crafts and industrial procedure from early antiquity to the present. Inspection trip required. Continuous through I and II, (2). *Prerequisite:* Junior standing. Mr. SHIPLEY.
- 23a-23b. FREEHAND DRAWING (CONTINUED).—Primarily for students in architecture. Arrangement of form and color; rhythm and sequence; harmony and contrast. Charcoal, pen, pencil, and water color drawing from the cast and still-life. Outdoor sketching. I and II, (2). *Prerequisite:* Art 22b. Assistant Professor WOODROOFE, Miss POST.
- 24a-24b. FREEHAND DRAWING (CONTINUED).—Primarily for students in architecture. Figure drawing from the cast and from life. I and II, (2). *Prerequisite:* Art 23b. Assistant Professor WOODROOFE.
- 29-30. LIFE DRAWING AND PORTRAIT.—Study in charcoal from the figure; quick action poses and technique of sketch in various media; painting from head. S, I, and II, (5). *Prerequisite:* Art 28. Professor BRADBURY; (S, Assistant Professor KENNEDY).
- 29a-30a. FIGURE DRAWING AND SKETCH.—Primarily for students in commercial design curriculum. S, I, and II, (3). *Prerequisite:* Art 28. Professors BAILEY and BRADBURY.
- 33a-33b. INTERMEDIATE COMPOSITION.—S, I, and II, (3). *Prerequisite:* Art 32b. Assistant Professor WOODROOFE; (S, Professor DONOVAN, Assistant Professor DIETEMANN).
- 34a-34b. ADVANCED COMPOSITION.—I and II, (4). *Prerequisite:* Art 33b. Assistant Professor DOOLITTLE.
- 37a-37b. ILLUSTRATION.—Problems in the design and execution of book and periodical illustration. I and II, (2). *Prerequisite:* Art 32b. Assistant Professor DIETEMANN.
- 38a-38b. ADVANCED ILLUSTRATION.—S, I, and II, (2). *Prerequisite:* Art 37b. Assistant Professor DIETEMANN; (S, Professor BRADBURY).
- [42a-42b. LANDSCAPE.—I and II, (2). *Prerequisite:* Art 41b. Not given in 1944-1945. Assistant Professor KENNEDY.]
- 47-48. LIFE PAINTING.—Painting full length from life. I and II, (4). *Prerequisite:* Art 30. Professor BRADBURY.
- [52a-52b. MODELING.—I, (2). *Prerequisite:* Art 51b. Not given in 1944-1945.]
- 61-62. PATTERNS AND LETTERINGS.—Application of design, lettering, and layout for industrial purposes. S, I, and II, (3). *Prerequisite:* Junior standing in art. Professor DONOVAN, Mr. SHIPLEY.
- 65-66. COMMERCIAL DESIGN.—Methods of drawing and painting for commercial purposes. I and II, (3). *Prerequisite:* Art 28; Architecture 72. Professor DONOVAN, Mr. SHIPLEY.
- 67-68. ADVANCED COMMERCIAL DESIGN.—S, (5). *Prerequisite:* Art 66. Professor DONOVAN, Assistant Professor DIETEMANN.
- 70b. ADVANCED CRAFT MATERIALS AND TECHNIQUES.—Continuation of Art 70a. Primarily for students in occupational therapy curriculum. Principles of design and technical execution in the fields of metalry, book binding, pottery, and basic photography. S, I, and II, (4). *Prerequisite:* Art 70a. Mr. SHIPLEY.
- 71-72. MATERIALS AND TECHNIQUES.—Use and manipulation of basic materials in modern industry. S, I, and II, (2). *Prerequisite:* Junior standing in art. Mr. SHIPLEY.
- 75-76. INDUSTRIAL DESIGN.—Designing of objects for manufacture by the machine industries. S, I, and II, (3). *Prerequisite:* Architecture 72; Art 28. Mr. SHIPLEY.
- 77-78. ADVANCED INDUSTRIAL DESIGN.—S, I, and II, (5). *Prerequisite:* Art 76. Mr. SHIPLEY.

## ASTRONOMY

*Professors:* BAKER (Head of the Department).

*Assistants:* NANTKES.

### Courses for Undergraduates

1. DESCRIPTIVE ASTRONOMY.—The solar system. I and II, (3). *Prerequisite:* Sophomore standing. Professor BAKER, Miss NANTKES.
- [2. DESCRIPTIVE ASTRONOMY.—The stars. II, (3). *Prerequisite:* Sophomore standing. Not given in 1944-1945. Professor BAKER.]
5. NAVIGATION.—*Prerequisite or concurrent:* Mathematics 4. S, I, and II, (3). Professor BAKER, Miss NANTKES.
- †M8. NAVIGATION AND NAUTICAL ASTRONOMY.—I, (3). *Prerequisite:* Mathematics 4. Professor BAKER.
- †M9. NAVIGATION AND NAUTICAL ASTRONOMY.—S and II, (3). *Prerequisite:* Mathematics 4. Professor BAKER.

### Courses for Advanced Undergraduates and Graduates

- [7. CELESTIAL MECHANICS.—II, (3). *Prerequisite:* Mathematics 9. Not given in 1944-1945. Professor BAKER.]
- [S14. OBSERVATIONAL ASTRONOMY.—S, (2). *Prerequisite:* Consent of instructor. Not given in 1944. Professor BAKER.]
- [15. GEODETIC ASTRONOMY.—Laboratory. I, (3). *Prerequisite:* Consent of instructor. Not given in 1944-1945. Professor BAKER.]

### Courses for Graduates

NOTE.—The prerequisites for graduate study in astronomy are mathematics through the calculus, a year's course in descriptive astronomy, and a course in college physics.

101. SEMINAR.—I and II, (1 unit). Professor BAKER.
- [103. CELESTIAL MECHANICS.—I and II, (1 unit). Not given in 1944-1945.]

## BACTERIOLOGY

*Professors:* TANNER (Head of the Department).

*Associate Professors:* WALLACE.

*Assistant Professors:* CLARK, SEVERENS.

*Assistants:* NIENOW, HUBBARD.

*Research Assistants:* DEHR,<sup>1</sup> HUSSEMANN.<sup>1</sup>

### Requirements for L.A.S. Students

*Major:* 20 hours chosen from the courses offered by this department. Dairy Husbandry 10 (Advanced Dairy Bacteriology) may be counted toward this requirement. At least five hours must be taken from the advanced group.

*Minors:* 20 hours chosen from one or two of the following subjects: agronomy, botany, chemistry, entomology, physiology, and zoology. At least eight hours must be taken in each subject, if two are chosen.

### Courses for Undergraduates

3. BACTERIOLOGY FOR NURSES.—Fundamentals in general and medical bacteriology designed to give student nurses a foundation in bacteriology necessary for nursing practice. I and II, (5). *Prerequisite:* Enrollment in Burnham Hospital Nurses School. Associate Professor WALLACE, Miss NIENOW.
- 5a. INTRODUCTORY BACTERIOLOGY.—Bacteria, yeasts, and molds; structure, morphology, and systematic relationships; general sanitation, communicable diseases, etc. Designed to accompany Bacteriology 5b, but may be elected without it. S, I, and II, (3). *Prerequisite:* Sophomore standing or consent of instructor. Assistant Professor CLARK and assistants.

†Navy College Training Program course, open to engineering students.

<sup>1</sup>Second semester.

- 5b. **INTRODUCTORY BACTERIOLOGY LABORATORY.**—Morphology and physiology of bacteria and related microorganisms, preparation of media and apparatus, staining, cultivation. Designed to accompany Bacteriology 5a. S, I, and II, (2). *Prerequisite:* Bacteriology 5a, or concurrent registration in it. Assistant Professors CLARK and SEVERENS, and assistants.

#### Courses for Advanced Undergraduates

- 7a-7b. **RESEARCH AND SPECIAL PROBLEMS.**—S, I, and II, (3 to 5). *Prerequisite:* Junior standing; ten hours of bacteriology; consent of instructor. Associate Professor WALLACE, Assistant Professors CLARK and SEVERENS.

#### Courses for Advanced Undergraduates and Graduates

8. **FOOD AND APPLIED BACTERIOLOGY.**—Microbiology of foods; preservation, technology, analysis; food poisoning and food-borne intoxications. Laboratory, lectures, discussions, readings, and reports. II, (5). *Prerequisite:* Junior standing; Bacteriology 5a and 5b; consent of instructor. Professor TANNER, Assistant Professors CLARK and SEVERENS.
10. **EPIDEMIOLOGY.**—Spread and control of communicable diseases. Lectures, readings, and problems. II, (2). *Prerequisite:* Junior standing; Bacteriology 5a or 20; consent of instructor. Associate Professor WALLACE.
20. **GENERAL BACTERIOLOGY.**—Laboratory, lectures, readings, and reports. S, I, and II, (5). *Prerequisite:* Two years of college chemistry; senior standing; consent of instructor. Students with credit in Bacteriology 5a and 5b will not be allowed credit for Bacteriology 20. Associate Professor WALLACE.
26. **PATHOGENIC BACTERIOLOGY.**—Pathogenic bacteria, diagnosis of communicable diseases, immunology and serology. Lectures, laboratory, and assigned readings. S and I, (5). *Prerequisite:* Bacteriology 5a and 5b (or 20); junior standing. Associate Professor WALLACE.

#### Courses for Graduates

**NOTE:**—Students electing bacteriology as a major for an advanced degree must have had at least ten semester hours of bacteriology and fifteen semester hours of some other physical or biological science.

Bacteriology 8, 20, 26, 103, and 107, or their equivalents, are required for a master's degree. Each candidate is required to pass a general written examination toward the close of the second semester of residence.

Candidates for the Ph.D. degree in bacteriology are required to have a general knowledge of bacteriology as applied to plant pathology, dairy bacteriology, and soil biology; appropriate courses in these subjects will be counted toward the requirements for the degree. Those who select a first or second minor in bacteriology must offer at least three units for the first minor and two and one-half units for the second minor, exclusive of an introductory course (Bacteriology 20 or its equivalent), selected from the courses offered in this department or, for satisfactory reasons, from certain courses in the related subjects mentioned above, and must include Bacteriology 103 and one advanced laboratory course.

Attention is called to the following courses, some of which must be elected for advanced degrees in bacteriology: Agronomy 11, 30, 31; Animal Pathology and Hygiene 3, 101, 102, 103; Botany 72, 79, 117, 171, 172; Chemistry 29b, 50, 86a; Dairy Husbandry 10, 106, 112, 113; Horticulture 51, 151, 152; Zoology 18, 30, 31, 118, 131.

For a master's degree in the biological sciences, see page 243.

103. **PHYSIOLOGY OF BACTERIA.**—Fermentation, growth, and death. Lectures, readings, and reports. I, (1 unit). Professor TANNER.
107. **RESEARCH.**—S, I, and II, ( $\frac{1}{2}$  to 4 units). Professor TANNER, Associate Professor WALLACE.
- 118a-118b. **CURRENT LITERATURE.**—Required of all graduate students whose major is bacteriology. Continuous through I and II, ( $\frac{1}{4}$  unit). *Prerequisite:* Ten hours of bacteriology; consent of instructor. Professor TANNER.



## BIOLOGICAL SCIENCES

Through the Division of the Biological Sciences (including bacteriology, botany, entomology, physiology, psychology, zoology) it is possible to arrange a program leading to the degree of Master of Science in the Biological Sciences, intended especially to serve the needs of high school teachers of biology. While the main emphasis is on botany and zoology, the candidate must have at least one unit in each of the following subjects: bacteriology, botany, entomology, physiology, and zoology. One unit in psychology (other than educational psychology) is strongly recommended. In planning his course of study the candidate should seek to attain the desired diversity by giving less emphasis to subjects in which he has already had considerable training; but at least one unit must be taken in courses of strictly graduate grade. No thesis is required, but at least one course should be included in which individual problems are assigned.

## BOTANY

*Professors:* STEVENS (Head of the Department), HOTTES (Emeritus),  
 TRELEASE<sup>1</sup> (Emeritus), BUCHHOLZ, A. G. VESTAL.  
*Associate Professors:* FULLER,<sup>2</sup> THUT (Visiting).  
*Assistant Professors:* WYND, TIPPO,<sup>2</sup> JONES.  
*Associates:* HAGUE (Emerita).  
*Instructors:* SHANOR,<sup>2</sup> W. P. VESTAL.  
*Assistants:* FULTON,<sup>2</sup> MOSELEY,<sup>2</sup> CONOVER,<sup>2</sup> SNOW,<sup>3</sup> RAPP, KEIZER.<sup>4</sup>  
*Research Assistants:* NOGGLE, GIBBS.

## Requirements for L.A.S. Students

*Major:* 20 hours of botany, excluding Botany 1 and 5, and including Botany 3, 6, and 22, and at least five hours in courses listed for advanced undergraduates and graduates.

*Minors:* 20 hours in one or two departments chosen in consultation with the head of the department from the following list: agronomy, bacteriology, chemistry, entomology, geology, horticulture, mathematics, physics, physiology, and zoology. At least eight hours must be taken in each department, if two are chosen.

## Courses for Undergraduates

NOTE:—Division of General Studies 3 (General Biology) may be substituted for Botany 1 or 5 wherever the latter constitute a prerequisite.

- 1a. INTRODUCTORY BOTANY.—Relation of the plant world to the physical and animal worlds; progressive development of the plant world and its evolutionary significance; its part in the formation of soils, the production of food, and the maintenance of life. Lectures and demonstrational quiz. Designed to accompany Botany 1b, but may be elected without it. S, I, and II, (3). Seniors receive only two hours credit. Professor STEVENS, Visiting Associate Professor THUT; (S, Assistant Professor JONES).
- 1b. INTRODUCTORY BOTANY (LABORATORY).—Morphology, physiology, and ecology of representative groups of the plant world. *Prerequisite:* Botany 1a, or concurrent registration therein. One or two field trips. S, I, and II, (2). Visiting Associate Professor THUT, Assistant Professor JONES, Dr. W. P. VESTAL, and assistants.
3. PLANT PHYSIOLOGY.—Absorption of materials from the external world and their transformation within the organism; the production and use of food. I, (5). *Prerequisite:* Botany 1a-1b, or 5. Assistant Professor WYND.
5. BOTANY FOR STUDENTS IN AGRICULTURE.—Lectures, discussions, and laboratory. I, (3). Seniors receive only two hours credit. Professor STEVENS, Dr. W. P. VESTAL, and others.
6. INTRODUCTORY SYSTEMATIC BOTANY.—Classification and identification of flowering plants, with special reference to the local flora, and the needs of high school teachers. Occasional field trips required. S and II, (3). *Prerequisite:* Botany 1a-1b, or 5. Assistant Professor JONES.

<sup>1</sup>Deceased January 1, 1945.

<sup>3</sup>Resigned.

<sup>2</sup>On leave of absence for war service.

<sup>4</sup>Second semester.

- [7. PLANT PATHOLOGY.—I, (3). *Prerequisite*: Botany 1a-1b, or 5. Not given in 1944-1945. Professor STEVENS.]
16. ECONOMIC BOTANY.—Uses of plants and plant products; history of economic plants. II, (3). *Prerequisite or concurrent*: Botany 1a-1b, or 5. Visiting Associate Professor THUT.

#### Courses for Advanced Undergraduates

8. FOREST ECOLOGY.—American trees and their requirements; forest types, regions, and sites. II, (3). *Prerequisite*: One year of botany; junior standing, or registration in pre-forestry curriculum. Professor VESTAL.
- 90a-90b. THESIS COURSE.—S, I, and II, (2). *Prerequisite*: Fifteen hours of botany; senior standing.
- 91a-91b. HONORS COURSE.—I and II, (2). *Prerequisite*: Fifteen hours of botany; senior standing.

#### Courses for Advanced Undergraduates and Graduates

- [20. CYTOLOGY.—II, (3 or 5). *Prerequisite*: One year of botany, including Botany 45; junior standing. Given in alternate years; not given in 1944-1945. Professor BUCHHOLZ.]
- [22. GENERAL PLANT MORPHOLOGY.—S and II, (3). *Prerequisite*: Botany 1a-1b, or 5; senior standing, or consent of instructor. Not given in 1944-1945. Professor BUCHHOLZ.]
- [33. PLANT PHYSIOLOGY.—I, (3 or 5). *Prerequisite*: Botany 3; junior standing. Given in alternate years; not given in 1944-1945. Associate Professor FULLER.]
- [35. PHYSIOLOGY: METABOLIC TRANSFORMATIONS.—II, (3 or 5). *Prerequisite*: One year of botany, including Botany 3; one year of chemistry; junior standing. Not given in 1944-1945. Assistant Professor WYND.]
- [36. BIOLOGY FOR TEACHERS.—Same as Zoology 36. Limited to teachers and those who expect to teach. S, (3). *Prerequisite*: One course in zoology and one in botany; junior standing. Not given in 1944-1945. Professors HARTMAN and VESTAL.]
- [40. HISTOLOGICAL TECHNIC.—II, (3). *Prerequisite*: One year of botany or ten hours of zoology; junior standing. Not given in 1944-1945. Assistant Professor TIPPO and assistant.]
- [41. BRYOPHYTES.—II, (3 to 5). *Prerequisite*: Botany 1a-1b; junior standing. Not given in 1944-1945. Assistant Professor JONES.]
- [43. PTERIDOPHYTES.—I, (3 or 5). *Prerequisite*: One year of botany, including Botany 22; senior standing. Not given in 1944-1945. Professor BUCHHOLZ.]
44. SPERMATOPHYTES.—I, (3 or 5). *Prerequisite*: One year of botany, including Botany 22; senior standing. Professor BUCHHOLZ.
- [45. PLANT ANATOMY.—I, (3). *Prerequisite*: One year of botany; junior standing. Not given in 1944-1945. Assistant Professor TIPPO.]
46. HEREDITY AND EVOLUTION.—II, (3 or 5). *Prerequisite*: One year of botany; senior standing. Professor BUCHHOLZ.
- [51. FRUIT DISEASES.—Same as Horticulture 51. I, (3). *Prerequisite*: Botany 7 or 72. Not given in 1944-1945. Professor ANDERSON.]
- [52. VEGETABLE DISEASES.—Same as Horticulture 52. II, (3). *Prerequisite*: Botany 7 or 72. Not given in 1944-1945. Professor ANDERSON.]
- [55. PLANT GEOGRAPHY OF NORTH AMERICA.—I, (3 or 5). *Prerequisite*: One year of botany; junior standing. Given in alternate years; not given in 1944-1945. Professor VESTAL.]
56. PLANT GEOGRAPHY.—Plant and vegetation of continents other than North America; geographic relations of floras. I, (3 or 5). *Prerequisite*: One year of botany; junior standing. Given in 1944-1945 and in alternate years. Professor VESTAL.
60. ADVANCED SYSTEMATIC BOTANY.—Phylogenetic study of flowering plants; relationship of the principal orders and families; problems of nomenclature; identification of species. S, (3 or 5). *Prerequisite*: Botany 6; junior standing. Assistant Professor JONES.
- [72. GENERAL MYCOLOGY.—II, (4). *Prerequisite*: One year of botany, bacteriology, entomology, or zoology; junior standing. Not given in 1944-1945.]
77. DISEASES OF FIELD CROPS.—S, (3). *Prerequisite*: Botany 7 or 72; junior standing. Professor STEVENS.

- [79. RESEARCH METHODS IN PLANT PATHOLOGY.—I, (2). *Prerequisite:* Botany 7; senior standing. Not given in 1944-1945. Professor STEVENS.]
- [80. ECOLOGY: PLANT ENVIRONMENTS.—II, (3 or 5). *Prerequisite:* One year of botany, including Botany 8 or 81; junior standing. Given in alternate years; not given in 1944-1945. Professor VESTAL.]
- [81. PLANT ECOLOGY.—S, (3). *Prerequisite:* One year of botany; junior standing. Not given in 1944-1945. Professor VESTAL.]
- [88. ECOLOGY: PLANT COMMUNITIES.—II, (3 or 5). *Prerequisite:* One year of botany, including Botany 8 or 81; junior standing. Given in alternate years; not given in 1944-1945. Professor VESTAL.]

### Courses for Graduates

NOTE:—Candidates for advanced degrees in botany must have had at least twenty hours of undergraduate work in botany, including courses 3, 6, and 22, or fifteen hours in botany and five hours in a related subject acceptable to the department. Graduate students who elect botany for minor credit must have had fifteen hours in botany, or ten hours in botany and five hours in a related subject acceptable to the department.

Attention is called to courses in agronomy, bacteriology, chemistry, entomology, geography, geology, horticulture, mathematics, physics, physiology, and zoology, which are available to advanced students and offer a broad foundation for the different phases of botanical work. The practical work in plant sciences in the College of Agriculture and the Agricultural Experiment Station offers unusual facilities to graduate students. Joint majors may be arranged in botany and agronomy, or botany and horticulture.

Special programs leading to the degrees of M.S. and Ph.D. in plant pathology may be arranged for individual students, under the guidance of the interdepartmental committee.

For a master's degree in the biological sciences, see page 243.

100. RESEARCH.—S, I, and II, ( $\frac{1}{2}$  to 4 units). Work may be taken in the following fields, subject to approval of one of the staff:
- (a) PLANT MORPHOLOGY.—Professor BUCHHOLZ.
  - (b) PLANT PHYSIOLOGY.—Assistant Professor WYND.
  - (c) SYSTEMATIC BOTANY OF VASCULAR PLANTS AND BRYOPHYTES.—Assistant Professor JONES.
  - (d) MYCOLOGY.—Professor STEVENS.
  - (e) PLANT PATHOLOGY.—Same as Agronomy 118b and Horticulture 150, 151, or 152. Professors STEVENS, ANDERSON and KOEHLER.
  - (f) PLANT ECOLOGY OR GEOGRAPHY.—Professor VESTAL.
110. BOTANICAL DISCUSSIONS.—Required of all graduate students in botany. I and II, ( $\frac{1}{4}$  unit, or no credit). Members of the department.
- [112. DISCUSSIONS IN PLANT MORPHOLOGY.—I and II, ( $\frac{1}{4}$  unit). Not given in 1944-1945. Professor BUCHHOLZ.]
- [113. DISCUSSIONS IN PLANT PHYSIOLOGY.—I and II, ( $\frac{1}{4}$  unit). Not given in 1944-1945. Assistant Professor WYND.]
- [117. DISCUSSIONS IN PLANT PATHOLOGY AND MYCOLOGY.—I, ( $\frac{1}{4}$  unit). Not given in 1944-1945. Professor STEVENS, Dr. SHANOR.]
- [118. DISCUSSIONS IN PLANT ECOLOGY.—I and II, ( $\frac{1}{4}$  unit). Not given in 1944-1945. Professor VESTAL.]
- [133. ADVANCED PHYSIOLOGY OF GROWTH, RESPONSE, AND REPRODUCTION.—II, ( $\frac{1}{2}$  unit). Not given in 1944-1945. Associate Professor FULLER.]
- [134. CHEMISTRY OF PLANT PRODUCTS.—I, ( $\frac{1}{2}$  unit). Not given in 1944-1945. Assistant Professor WYND.]
- [135. RESEARCH TECHNIC IN CHEMICAL PLANT PHYSIOLOGY.—I and II, ( $\frac{1}{2}$  to  $1\frac{1}{2}$  units). Not given in 1944-1945. Assistant Professor WYND.]
171. MYCOLOGY OF SPECIAL GROUPS.—II, ( $\frac{1}{2}$  unit). Professor STEVENS.
172. EPIDEMIOLOGY OF PLANT DISEASES.—I, ( $\frac{1}{2}$  unit). *Prerequisite:* Graduate standing with a major in botany, entomology, or bacteriology. Professor STEVENS.
- [177. VIRUS DISEASES OF PLANTS.—Same as Horticulture 177. II, (1 unit). Given in alternate years; not given in 1944-1945.]

## BUSINESS ADMINISTRATION

(See also Business Organization and Operation)

**NOTE:**—The degree Master of Business Administration is granted to those who complete satisfactorily a course of study which is substantially a fifth year of work in departments of the College of Commerce and Business Administration. The work of such fifth year is supervised by a committee representing the courses in economics, accountancy, and business organization and operation. The degree may be conferred upon candidates who have completed satisfactorily the required amount of seminar work and study, and passed a comprehensive examination in the various aspects of business administration—production, personnel administration, control (accounting and statistics), finance, market distribution, and social responsibility.

The requirements for registration in the course leading to the degree are: (1) a bachelor's degree from a recognized college of commerce, school of business, or the equivalent, and (2) a scholastic average in academic subjects substantially above the minimum requirements for that bachelor's degree.

### Courses for Graduates

100. SEMINAR.—I and II, (4 units). Professors LITTLETON, DILLAVOU, and others on the staff of the departments of the College of Commerce.

## BUSINESS ORGANIZATION AND OPERATION

(Including Accountancy and Business Law)

*Professors:* SCOVILL (Head of the Department), MOREY, FILBEY, RUSSELL, CONVERSE, LITTLETON, ANDERSON, SCHLATTER, DILLAVOU, SAUNDERS.

*Associate Professors:* THEISS, BAILY, HACKETT, BEACH, HUEGY.<sup>1</sup>

*Assistant Professors:* CURTIS, NEWCOMER, EDWARDS, MOYER, JONES, MANDEVILLE,<sup>2</sup> ROBERTS.

*Instructors:* MITCHELL,<sup>2</sup> HAGAN, DELONG, PRATT.<sup>3</sup>

*Cooperating:* Associate Professor ARNE RAE, Assistant Professor L. W. McCLURE.

## ACCOUNTANCY

### Courses for Undergraduates

- 1a. PRINCIPLES OF ACCOUNTING.—Simple transactions, accounts, books, statements; trial balances, adjustments; partnerships. Students who present one unit of bookkeeping for entrance will not be allowed credit for Accountancy 1a and should register in Accountancy 1c. S, I, and II, (3). Seniors receive only two hours credit. Professors LITTLETON and DILLAVOU, Associate Professors THEISS and HACKETT, Assistant Professor NEWCOMER; (S, Assistant Professor ROBERTS).
- 1b. ACCOUNTING PROCEDURE.—Relation of business documents to accounts; balance sheet and income statement. S, I, and II, (3). Seniors receive only two hours credit. *Prerequisite:* Accountancy 1a or 1c. Professor DILLAVOU, Associate Professors THEISS, BAILY, and HACKETT, Assistant Professor MOYER.
- 1c. PRINCIPLES OF ACCOUNTING.—Similar to Accountancy 1a, for those who present one unit of entrance credit in bookkeeping. Students who have failed in Accountancy 1a are permitted to register in Accountancy 1c and receive credit as in Accountancy 1a if their final grade is "C" or above. I and II, (2). Seniors receive only one hour credit. *Prerequisite:* One unit of entrance credit in bookkeeping. Professor LITTLETON, Associate Professor THEISS, Assistant Professors NEWCOMER and ROBERTS.
- 2a. ELEMENTARY COST ACCOUNTING.—Departmental, process, sequential, and job lot cost; cost records and procedures; disposition of burden. S, I, and II, (3). *Prerequisite:* Accountancy 1b; registration or credit in Economics 1 or 2. Professor SCHLATTER; (S, Associate Professors THEISS and HACKETT).

<sup>1</sup>On leave of absence until January 26, 1945.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>Second semester.

- 2b. INTERMEDIATE ACCOUNTING.—Depreciation; corporation accounts; interpretation of balance sheet and income statements. S, I, and II, (3). *Prerequisite*: Accountancy 2a. Professor FILBEY, Associate Professor THEISS, Assistant Professor NEWCOMER; (S, Associate Professor HACKETT).
- [10. BUSINESS COMPUTATIONS.—Offered primarily for those registered in the commercial teaching curriculum. I and II, (3). Not given in 1944-1945. Professor SCHLATTER.]

#### Courses for Advanced Undergraduates

12. FUNDAMENTALS OF ACCOUNTING.—Survey course for non-commerce students only. II, (3). *Prerequisite*: Junior standing. Assistant Professor MOYER.
- [S15. TEACHING METHODS.—S, (2). Not given in 1944. Associate Professor BAILY.]
- 90a-90b. HONORS COURSE.—Senior candidates for graduation with honors or high honors should elect one or the other of the following options: Option A—an acceptable thesis in accountancy. Option B—a comprehensive examination, six hours in length, covering a review of various aspects of accountancy. I and II, (2 to 4). Professor LITTLETON and others.
- 91a-91b. INDEPENDENT STUDY.—Seniors registered in the College of Commerce and Business Administration who were awarded class or college honors in their junior year may do independent study for a total of not more than ten semester hours in this department or sixteen semester hours if divided between this department and any other department. S, and continuous through I and II, (3 to 5). Professor LITTLETON and others.

#### Courses for Advanced Undergraduates and Graduates

- 3a. ADVANCED ACCOUNTING.—Reserves, sinking funds, actuarial methods, investments, consolidated statements, foreign exchange, liquidation, estates. S, I, and II, (3). *Prerequisite*: Accountancy 2a-2b; junior standing; an average of "C" or better in Accountancy 1 and 2. Assistant Professor NEWCOMER; (S, Associate Professor THEISS).
- 3b. AUDITING.—S, I, and II, (3). *Prerequisite*: Accountancy 3a; junior standing. Professor FILBEY; (S, Associate Professor THEISS, Assistant Professor MOYER).
- 4a. COST ACCOUNTING.—Factory procedure, departmental burden, standard costs, cost control, cost reports, installation of cost systems. S, I, and II, (2). *Prerequisite*: Accountancy 2a; junior standing. Professor SCHLATTER; (S, Associate Professor THEISS, Assistant Professor MOYER).
- 4b. ACCOUNTING SYSTEMS.—Systems used by banks, building and loan associations, insurance companies, brokers, department stores. I and II, (2). *Prerequisite*: Accountancy 2a-2b; junior standing. Credit is given for either Accountancy 4a or 4b separately. Associate Professor BAILY.
- 5a-5b. C.P.A. PROBLEMS.—Type problems and questions, including theory and auditing; consolidated statements; foreign exchange. S (5a only), and continuous through I and II, (3). *Prerequisite*: Credit or registration in Accountancy 3b; senior standing. Professor SCOVILL; (S, Assistant Professor NEWCOMER).
13. GOVERNMENTAL ACCOUNTING.—Accounts of institutions, municipalities, and of state and federal governments; organization; procedure, budget, accounts and records, reports, audits; purchasing and storekeeping. I and II, (2). *Prerequisite*: Accountancy 2b; junior standing. Associate Professor HACKETT, Assistant Professor MOYER.
20. INCOME TAX PROCEDURE.—I and II, (2). *Prerequisite*: Registration or credit in Accountancy 3b; senior standing. Professor FILBEY.
30. BUDGETS AND ACCOUNTING CONTROL.—I, (3). *Prerequisite*: Accountancy 2b; junior standing. Associate Professor THEISS.

#### Courses for Graduates

NOTE:—Candidates for the M.S. or Ph.D. degree in accountancy must have had the equivalent of twenty hours of undergraduate work in accountancy and at least one course each in principles of economics and finance. Graduate students in other departments who choose accountancy as a minor must present similar courses, with fifteen instead of twenty hours in accountancy as a minimum.

101. CONCEPTS AND PRINCIPLES.—S and I, (1 unit). Professor LITTLETON.
103. INCOME DETERMINATION.—II, (1 unit). Professor LITTLETON.

- 104a-104b. ACCOUNTING SYSTEMS.—S (104a only), (1 unit). Professor SCOVILL.  
 [106. COST ACCOUNTING.—II, (1 unit). *Prerequisite*: Accountancy 4a. Not given in 1944-1945. Professor SCHLATTER.]
107. SURPLUS AND DIVIDENDS.—II, (1 unit). Professor LITTLETON.  
 [109. ACCOUNTING HISTORY.—II, (1 unit). Not given in 1944-1945. Professor LITTLETON.]
110. ACCOUNTING REPORTS.—II, (1 unit). *Prerequisite*: Accountancy 3b. Professor SCOVILL.
113. GOVERNMENTAL ACCOUNTING.—S, (1 unit). Professor MOREY.  
 [117. ACCOUNTING TECHNIQUES.—S, (1 unit). Credit not allowed for this course in addition to credit for Accountancy 4a-4b and 13. Not given in 1944-1945. Associate Professor HACKETT.]
- [120. INCOME TAX DEVELOPMENT.—I, (1 unit). *Prerequisite*: Accountancy 20. Not given in 1944-1945. Professor FILBEY.]
129. THESIS.—S, I, and II, (1 unit). Credit not allowed for either semester separately. Professor LITTLETON and others.

## BUSINESS ORGANIZATION AND OPERATION

### Courses for Undergraduates

- 12a-12b. TYPEWRITING.—For beginners who intend to apply their knowledge later in teaching the subject. Primarily for students in the Commercial Teaching field of concentration. To be taken concurrently with course 13a-13b. Credit toward graduation is granted only to those registered in the curriculum in commercial teaching. Continuous through I and II, (3). *Prerequisite*: Junior standing; credit or concurrent registration in Education 25. Mrs. HAGAN.
- 13a-13b. SHORTHAND.—For beginners who intend to apply their knowledge later in teaching the subject. Primarily for students in the Commercial Teaching field of concentration. To be taken concurrently with course 12a-12b. Credit toward graduation is granted only to those registered in the curriculum in commercial teaching. Continuous through I and II, (3). *Prerequisite*: Junior standing; credit or concurrent registration in Education 25. Mrs. HAGAN.
26. ADVERTISING COPY WRITING.—Same as Journalism 26. Theory and practice in writing advertising copy for newspapers and magazines. S, I, and II, (3). *Prerequisite*: Business Organization and Operation 10, or consent of instructor. Assistant Professor McCLURE; (S, Associate Professor RAE).
33. ADVERTISING LAYOUT.—Same as Journalism 33. Preparation of layout for newspaper advertising units; sales problems, advertising promotion, advertising research, marketing research, etc. I, (3). *Prerequisite*: Business Organization and Operation 26. Assistant Professor McCLURE.
44. TYPOGRAPHY.—Same as Journalism 4. Type faces, publishing, engraving, offset, etc. S, I, and II, (2). *Prerequisite*: Freshman standing. Associate Professor RAE; (S, Assistant Professor McCLURE).

### Courses for Advanced Undergraduates

1. INDUSTRIAL ORGANIZATION AND MANAGEMENT.—Organization and administrative policy; supervision and management of industrial units. S, I, and II, (3). *Prerequisite*: Economics 1 or 2; junior standing. Junior and senior engineering students admitted with consent of instructor. Professor ANDERSON, Associate Professor HUEGY; (S, Assistant Professor JONES).
2. MARKETING ORGANIZATION AND OPERATION.—Methods and problems in marketing raw materials and manufactured products. S, I, and II, (3). *Prerequisite*: Economics 1 or 2; junior standing. Professor CONVERSE, Associate Professor BEACH, Assistant Professor JONES.
3. RETAIL AND CHAIN STORE ORGANIZATION AND OPERATION.—I, (3). *Prerequisite*: Business Organization and Operation 2. Assistant Professor JONES.
7. SALESMANSHIP.—Brief historical review of selling; fundamentals and technique of salesmanship today. S, I, and II, (2). *Prerequisite*: Business Organization and Operation 2. Associate Professor BEACH.
10. PRINCIPLES OF ADVERTISING.—Same as Journalism 10. For non-commerce students only. S, I, and II, (3). *Prerequisite*: Sophomore standing; credit or concurrent registration in Business Organization and Operation 44. Professor RUSSELL.

- [15. PROBLEMS OF MANAGEMENT.—II, (3). *Prerequisite:* Business Organization and Operation 14. Not given in 1944-1945.]
23. MARKETING AND RETAILING.—Phases of marketing and retailing of interest to students in journalism and home economics. This course may be used instead of Business Organization and Operation 2 as a prerequisite for other courses in marketing. II, (3). *Prerequisite:* Junior standing. Assistant Professor JONES.
24. PURCHASING.—Organization and operation of the purchasing department, basic materials, substitutes, imitations, sources of supply, catalogs, terms, discounts, relation to salesmen. II, (2). *Prerequisite:* Business Organization and Operation 1 and 2; senior standing. Assistant Professor EDWARDS.
- [28. LETTERING AND LAYOUT IN ADVERTISING.—Same as Art 60. I, (2). *Prerequisite:* Business Organization and Operation 8 or 10. Not given in 1944-1945.]
34. NEWSPAPER ADVERTISING PROBLEMS.—Same as Journalism 34. Preparation of layout for newspaper advertising units; sales problems, advertising, promotion, advertising research, marketing research, etc. I and II, (3). *Prerequisite:* Business Organization and Operation 33. Assistant Professor McCLURE.
46. OFFICE APPLIANCES.—The functions, application, and limitations of various fundamental types of office equipment as related to modern business management. II, (3). *Prerequisite:* Senior standing. Mr. PRATT.
50. AIRPORT MANAGEMENT.—Organization of staff; problems of management, including personnel, insurance, budgets, ethics, business promotion, accounting control, and communications. I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor MOYER.
52. AIRLINE MANAGEMENT.—General problems arising in the management of airlines, station organization, scheduling, personnel, purchasing, air express, air mail, advertising, interline traffic. II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor JONES.
- 90a-90b. HONORS COURSE.—Senior candidates for graduation with honors or high honors should elect one or the other of the following options: Option A—an acceptable thesis in business organization and operation. Option B—a comprehensive examination, six hours in length, covering a review of various aspects of business organization and operation. S, I, and II, (2 to 4). Professor RUSSELL and others.
- 91a-91b. INDEPENDENT STUDY.—Seniors registered in the College of Commerce and Business Administration who were awarded class or college honors in their junior year may do independent study for a total of not more than ten semester hours in this department or sixteen semester hours if divided between this department and any other department. S, and continuous through I and II, (3 to 5). Professor RUSSELL and others.

#### Courses for Advanced Undergraduates and Graduates

4. MANAGEMENT IN MANUFACTURING.—Internal problems of production and efficient control in factories. I and II, (3). *Prerequisite:* Business Organization and Operation 1. Professor ANDERSON.
8. INTRODUCTION TO ADVERTISING.—S, I, and II, (3). *Prerequisite:* Business Organization and Operation 2, or (for non-commerce students) concurrent registration therein. Professor RUSSELL.
- [9. TRADE ASSOCIATIONS AND COMMERCIAL ORGANIZATIONS.—II, (2). Not given in 1944-1945.]
14. TECHNIQUE OF EXECUTIVE CONTROL.—II, (3). *Prerequisite:* Credit or concurrent registration in Business Organization and Operation 4. Professor ANDERSON.
17. PROBLEMS IN SALES ADMINISTRATION.—Modern sales organization; selling problems of manufacturers, wholesalers, and retailers; management of salesmen. I, (2). *Prerequisite:* Credit or concurrent registration in Business Organization and Operation 7. Associate Professor BEACH.
18. ADVERTISING CAMPAIGNS.—Same as Journalism 38. Planning of campaigns; choice of appeals; selection and use of media; sales promotion. I and II, (3). *Prerequisite:* Business Organization and Operation 8 or 10. Professor RUSSELL.
20. CREDITS AND COLLECTIONS.—II, (3). *Prerequisite:* Business Organization and Operation 2; junior standing. Associate Professor HUEGY.
22. MARKET RESEARCH.—I, (3). *Prerequisite:* Business Organization and Operation 2. Professor CONVERSE.

- [25. HISTORY OF MARKETING IN THE UNITED STATES.—I, (3). *Prerequisite:* Business Organization and Operation 2; senior standing. Not given in 1944-1945. Assistant Professor JONES.]
27. ADVANCED SALESMANSHIP.—Intensive study of methods used to market selected products, such as automobiles, refrigerators, insurance. II, (2). *Prerequisite:* Business Organization and Operation 7. Associate Professor BEACH.
- [30. ADVANCED PROBLEMS IN RETAIL STORE MANAGEMENT.—II, (2). *Prerequisite:* Business Organization and Operation 3. Not given in 1944-1945. Assistant Professor JONES.]
- [32. CONTEMPORARY PROBLEMS IN MARKETING MANAGEMENT.—II, (3). *Prerequisite:* Business Organization and Operation 2; senior standing. Not given in 1944-1945.]

### Courses for Graduates

NOTE:—Work may be done in the field of business organization and operation for a major or a minor for the M.S. degree, and for a minor for the Ph.D. degree. To do major work in this field, a student must have completed at least twenty hours of undergraduate work in marketing, management, business administration, economics, business law, or accountancy. To do minor work in this field, a student must have had at least twelve hours of work in the subjects named above. To do work either in marketing or management, the student must have completed a course in the fundamentals of the subject.

- 102a-102b. MARKETING PRINCIPLES AND PROBLEMS.—Continuous through I and II, (1 unit). Professor CONVERSE.
- 104a-104b. SCIENTIFIC MANAGEMENT.—S, and continuous through I and II, (1 unit). Professor ANDERSON.
- [107a-107b. SALES CAMPAIGNS.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor RUSSELL.]
- [126. ANALYSIS OF CONSUMER MARKETS.—I, (1 unit). Not given in 1944-1945. Professor CONVERSE.]
- [127. PRICES AND PRICE POLICIES.—II, (1 unit). Not given in 1944-1945. Professor CONVERSE.]
129. SEMINAR.—S, I, and II, (1 unit). Professor RUSSELL and others; (S, Professor ANDERSON).

## BUSINESS LAW

### Courses for Undergraduates

- 1a-1b. GENERAL PRINCIPLES OF BUSINESS LAW.—Contracts, agency, sales of personal property, negotiable instruments, partnerships, and business corporations. S (1a only), and continuous through I and II, (3). *Prerequisite:* Economics 1; Accountancy 1b; junior standing. Professor DILLAVOU, Assistant Professors CURTIS and ROBERTS.
2. ELEMENTARY LAW OF BUSINESS.—Contracts, leases, and property. For non-commerce students. I and II, (3). *Prerequisite:* Junior standing. Assistant Professor CURTIS.

### Courses for Advanced Undergraduates and Graduates

10. LAW OF SECURITY RELATIONS AND BANKING.—Suretyship, mortgages, pledges, personal property, real property, insurance, bankruptcy, banking, Federal Reserve Board, S, I, and II, (3). *Prerequisite:* Senior standing; registration or credit in Business Law 1b. Professor DILLAVOU.

## CERAMIC ENGINEERING

*Professors:* ANDREWS (Head of the Department), PARMELEE (Emeritus), HURSH.

*Associate Professors:* BADGER.

*Assistant Professors:* HARMAN, COOK.

*Assistants:* FILIPPI.<sup>1</sup>

<sup>1</sup>On leave of absence for war service.



## Courses for Undergraduates

1. CERAMIC MATERIALS.—Properties of clays and other ceramic materials. Lectures. S and II, (3). *Prerequisite:* Chemistry 6. Assistant Professor HARMAN.
4. CERAMIC MATERIALS.—Laboratory. I, (3). *Prerequisite:* Ceramic Engineering 1. Assistant Professor COOK.
5. CERAMIC BODIES.—Composition and properties, effects of ingredients, special bodies. Lectures and laboratory. S and II, (5). *Prerequisite:* Ceramic Engineering 1 and 4. Assistant Professors HARMAN and COOK.
7. STRUCTURAL CLAY PRODUCTS.—Manufacture and testing of brick, tile, hollow tile, sewer pipe, etc. Lectures and field trips. I, (3). *Prerequisite:* Ceramic Engineering 1 and 4. Professor ANDREWS.
8. GLASS TECHNOLOGY.—The chemistry and physics of the silicate glasses and their preparation; industrial methods. Lectures and discussions. I, (2). *Prerequisite:* Chemistry 40; Ceramic Engineering 14. Associate Professor BADGER.
10. CEMENTS.—S, (2). *Prerequisite:* Chemistry 40; registration in Ceramic Engineering 28. Assistant Professor COOK.
11. DRYING CLAY PRODUCTS.—Drying, drying equipment, construction and regulation of dryers. Lectures. I, (3). *Prerequisite:* Physics 1a-1b and 3a-3b; Ceramic Engineering 1. Professor HURSH.
14. GLASSES AND GLAZES.—The properties of glasses and glazes as influenced by composition; types of glazes, preparation and uses. Lectures and laboratory. I and II, (3). *Prerequisite:* Ceramic Engineering 5; registration in Chemistry 40. Assistant Professors HARMAN and COOK.
16. ENAMELS.—Composition, preparation, application, properties, and tests. Lectures and quiz. I, (3). *Prerequisite:* Ceramic Engineering 14. Assistant Professor COOK.
17. ENAMELS.—Composition, application, properties, and testing. Lectures and laboratory. II, (3). *Prerequisite:* Ceramic Engineering 14 and 16. Professor ANDREWS, Assistant Professor COOK.
18. CERAMIC MICROSCOPY.—Use of the microscope for studying ceramic materials and products. II, (3). *Prerequisite:* Chemistry 40; Geology 20 and 6, or equivalent. Assistant Professor HARMAN.
20. REFRACTORY MATERIALS.—Composition and properties of refractory materials and products, and their adaptability to conditions of service. Lectures and discussions. I, (2). *Prerequisite:* Chemistry 40. Assistant Professor HARMAN.
22. KILNS AND THE BURNING OF CLAY PRODUCTS.—The burning process, utilization of fuels, types of kilns and their operation. Lectures. S and II, (3). *Prerequisite:* Ceramic Engineering 5 and 11. Professor HURSH.
23. DRYER AND KILN DESIGN.—Design problems. Laboratory. I, (2). *Prerequisite:* Ceramic Engineering 11; registration in Ceramic Engineering 22; General Engineering Drawing 1 or 4. Professor HURSH.
24. CERAMIC ENGINEERING DESIGN.—Design of special ceramic equipment, factory planning, and layout. Laboratory. S and II, (3). *Prerequisite:* Ceramic Engineering 23; Theoretical and Applied Mechanics 3. Professor HURSH.
28. PYROCHEMICAL PROBLEMS.—The Phase Rule; graphic representation and interpretation of equilibria in ceramics. Lectures. I, (2). *Prerequisite:* Ceramic Engineering 14; Chemistry 40. Professor ANDREWS.
29. PYROMETRY.—Principles and methods used in high temperature measurement. Lectures and laboratory. S, I, and II, (2). *Prerequisite:* General physics; inorganic chemistry. Assistant Professor HARMAN.
- [31. INTRODUCTION TO CERAMIC ENGINEERING.—Raw materials; classification and characteristics of ceramic products; methods of manufacture. Recitations and laboratory. I, (3). Not given in 1944-1945.]
- [32. CERAMIC PROCESSES AND EQUIPMENT.—Sources, preparation of materials, and manufacturing processes and control. Recitations and field trip. II, (3). Not given in 1944-1945.]
- [33. CERAMIC TECHNOLOGY.—Physical and chemical properties and reactions of ceramic materials and mixtures. Recitations and laboratory. I, (5). *Prerequisite:* Junior standing. Not given in 1944-1945.]
- [34. CERAMIC TECHNOLOGY.—Continuation of Ceramic Engineering 33. Recitations and laboratory. II, (5). *Prerequisite:* Ceramic Engineering 33. Not given in 1944-1945.]

- [35. PRINCIPLES OF DRYING.—Drying, drying equipment, construction and regulation of dryers. Recitations. I, (3). *Prerequisite:* Credit or registration in Ceramic Engineering 33. Not given in 1944-1945.]
- [36. KILNS, FURNACES, AND FIRING OPERATIONS.—The firing process, utilization of fuels, types of kilns and furnaces and their operation. Recitations. II, (3). *Prerequisite:* Credit or registration in Ceramic Engineering 34. Not given in 1944-1945.]
- [37. PYROMETRY.—Principles and methods used in high temperature measurement. Recitations and laboratory. I and II, (2). *Prerequisite:* Junior standing. Not given in 1944-1945.]
- [38. CERAMIC ENGINEERING DESIGN.—Design of ceramic dryers, kilns, and furnaces. Laboratory. I, (2). *Prerequisite:* Theoretical and Applied Mechanics 3; Ceramic Engineering 35 and 36. Not given in 1944-1945.]
- [39. CERAMIC ENGINEERING DESIGN.—Design of special ceramic equipment, factory planning and layout. Laboratory. II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3; Ceramic Engineering 35, 36, and 38. Not given in 1944-1945.]
- [40. CERAMIC BODIES AND GLAZES.—Materials, compositions, processing, properties, and tests. Recitations and laboratory. I, (5). *Prerequisite:* Ceramic Engineering 34. Not given in 1944-1945.]
- [41. REFRACTORIES.—Composition and properties of refractory materials and products, their manufacture and use. Recitations. II, (2). *Prerequisite:* Ceramic Engineering 34 and 36. Not given in 1944-1945.]
- [42. CERAMIC MICROSCOPY.—The application of microscopic methods for the study of ceramic materials, reactions, and products. Recitations and laboratory. II, (3). *Prerequisite:* Geology 6. Not given in 1944-1945.]
- [43. CEMENTS, LIMES, AND PLASTERS.—Compositions, reactions, method of manufacture, and testing. Recitations. I, (2). *Prerequisite:* Ceramic Engineering 33 and 34. Not given in 1944-1945.]
- [44. ELEMENTARY GLASS TECHNOLOGY.—Preparation of glasses of various compositions, measurement of properties; and methods of melting and forming used in industry. Recitations and laboratory. II, (3). *Prerequisite:* Junior standing. Not given in 1944-1945.]
- [45. ADVANCED GLASS TECHNOLOGY.—Constitution and physical and chemical properties of glasses. Recitations. I, (2). *Prerequisite:* Senior standing. Not given in 1944-1945.]
- [46. PORCELAIN ENAMELS.—Compositions, preparation, application, properties, and tests. Recitations and laboratory. II, (4). *Prerequisite:* Registration in Ceramic Engineering 34. Not given in 1944-1945.]
- [96. RESEARCH METHODS.—Procedures and planning of investigations in ceramic research. I or II, (1 to 3). *Prerequisite:* Senior standing in ceramic engineering. Not given in 1944-1945.]
- 97-98. THESIS.—Research on a selected subject. S and I, (1 to 3). *Prerequisite:* Ceramic Engineering 96; consent of head of department. Professors ANDREWS and HURSH, Associate Professor BADGER, Assistant Professors HARMAN and COOK.
- [99. INSPECTION TRIP.—Visits to industrial plants. I, (no credit). *Prerequisite:* Senior standing. Not given in 1944-1945.]

### Courses for Graduates

NOTE:—This department offers graduate work leading to the degrees of Master of Science in Ceramics, Master of Science in Ceramic Engineering, Doctor of Philosophy in Ceramics, and Doctor of Philosophy in Engineering.

Candidates for the degree of Doctor of Philosophy in Ceramics must have had the equivalent of at least twenty-five semester hours of satisfactory courses in general, analytical, physical, and organic chemistry; also calculus, one year of college physics, one semester of optical mineralogy, and at least eighteen semester hours or their equivalent in acceptable ceramic courses.

- 101a-101b. CHEMISTRY OF THE COMPOUNDS OF SILICON.—Seminar. S (101b only), I, and II, (1 unit). *Prerequisite:* Elementary courses in organic and physical chemistry. Professor ANDREWS.
102. GENERAL TECHNOLOGY OF THE SILICATE INDUSTRIES.—Chemical and physical problems related to the utilization of ceramic materials. Lectures, seminar, and

laboratory. I and II, (1 to 2 units). *Prerequisite:* Elements of mineralogy and physical chemistry.

(a) CERAMIC MATERIALS AND PROCESSES.—Assistant Professor HARMAN.

(b) DRYING AND FIRING PROCESSES.—Professor HURSH.

(c) ENAMELS AND EQUILIBRIUM STUDIES.—Professor ANDREWS.

(d) REFRACTORIES.—Professors ANDREWS and HURSH.

103. CHEMISTRY OF SILICATES.—Laboratory to supplement Ceramic Engineering 101, which must precede or accompany it. I and II, (1 to 2 units). Professors ANDREWS and HURSH.
104. TECHNOLOGY OF GLASS.—Physical and chemical properties of glasses. Lectures and laboratory. I and II, (1 to 2 units). Associate Professor BADGER.
105. METHODS OF CERAMIC RESEARCH.—Present status of ceramic research—its methods and apparatus; analysis of data. I and II, (1 unit).
106. RESEARCH.—S, I, and II, (1 to 4 units). Professors ANDREWS and HURSH, Associate Professor BADGER, Assistant Professor HARMAN.

## CHEMISTRY

### (Including Chemical Engineering)

*Professors:* ADAMS<sup>1</sup> (Head of the Department), ROSE (Acting Head of the Department), BUSWELL,<sup>2</sup> HOPKINS (Emeritus), RODEBUSH, CLARK, MARVEL, FUSON, PHIPPS,<sup>3</sup> G. F. SMITH, BAILAR, REEDY.

*Associate Professors:* ENGLIS, AUDRIETH,<sup>3</sup> PRICE, CARTER, SNYDER, WALL.

*Assistant Professors:* BARTOW, LAITINEN, MOELLER.

*Associates:* PARR (Emerita), NICHOLSON,<sup>3</sup> VESTLING, FRANK, LEONARD, F. A. MILLER.

*Lecturers:* HOPKINS.

*Instructors:* MARTIN, QUAGLIANO,<sup>6</sup> KEIZER.

*Assistants:* ANDERS, BAILEY, BELINSKEY, F. E. BOETTNER, L. M. BOETTNER, BROCK, BURTON,<sup>4</sup> CRAIG, DOWNS, EDWARDS, ENOS,<sup>4</sup> FELDMAN, FOX, HRUDA,<sup>6</sup> IRVIN,<sup>5</sup> JONASSEN, KLOSE, LUCAS, MARGARETTEN,<sup>4</sup> MARTIN,<sup>4</sup> MAXWELL, MEISEL, PIPENBERG,<sup>6</sup> POGGEMEIER, PORTER, REMLINGER, ROWLAND, RYAN, SHOTWELL, STARR, TREUMANN, TRUMBULL, WILLIAMS, YOUNG, ZEIDMAN, ZELIKOFF.

*Special Research Appointees:* (Post-doctorate)—DEASY, DICKMAN, LAMBERT, LOO, PARMERTER, SKELL, STRONG, WOMACK; (Post-graduate)—CAGLE, CLARK, COON, LOCKHART, MITCHELL,<sup>4</sup> POGRUND, RHYMER.

*Summer of 1944 but not in current year:* C. A. DEKKER, A. M. HYSON, W. E. MORRELL, E. W. MAYNERT, MILDRED REBSTOCK, JANET VERNON.

### CHEMICAL ENGINEERING:

*Professors:* KEYES,<sup>3</sup> JOHNSTONE, SWANN, STRAUB.

*Associate Professors:* COMINGS.

*Assistant Professors:* DEEM,<sup>3</sup> LANGDON, LEWIS.

### Requirements for L.A.S. Students

*For the curricula in chemistry and chemical engineering,* see page 135.

*For special requirements for admission to graduate work,* see page 258.

*Major:* 20 hours in chemistry, excluding Chemistry 1, 2, 3, 4, 5, 6, 7a, 8a, 8b, and including courses in qualitative, quantitative, and organic chemistry. At least five hours must be taken from the advanced group.

*Minors:* 20 hours chosen from not more than two of the following: bacteriology, botany, ceramic engineering, entomology, geology, mathematics, philosophy, physics, physiology, psychology, and zoology. At least eight hours must be taken in each subject if two are chosen.

<sup>1</sup>On leave of absence as Head of the Department.

<sup>2</sup>On leave of absence until December 16, 1944.

<sup>3</sup>On leave of absence for war service.

<sup>4</sup>Second semester.

<sup>5</sup>First semester.

<sup>6</sup>Resigned.

*Honors:* Students registered in Chemistry 90a or 90b are eligible for honors without examination. All other students in the chemistry or chemical engineering curriculum or majors in chemistry who have a 4.0 average or better are eligible to become candidates for honors, provided they signify their intentions in writing to the Head of the Chemistry Department during the senior year and not later than at the beginning of the second semester. Such students must pass a comprehensive examination to be given about May 1. Chemical engineers may offer, in place of this examination, the solution of an assigned problem in plant design.

### Sequence of Courses

Students in the curriculum of chemistry, majors in chemistry, and all others who desire a thorough training in the fundamentals of chemistry and their applications to modern life, should select courses from the following, and usually in the sequence given: Chemistry 1 or 2, 6, 10, 24, 34, 36, 37, 40, 41, 42, 43, 50, and courses in the chemical engineering, sanitary chemistry, and miscellaneous groups. Students in the curriculum of chemical engineering who have had a thorough training in preparatory chemistry may be able to shorten the time spent in the foundational courses by taking the sequence Chemistry 8a, 8b, 24, 34, 36, 37, 40, 41, 42, and other advanced courses. Students in the College of Engineering (except ceramists, ceramic engineers, and those who desire to take Chemistry 40) should register in Chemistry 3 or 2, 4, 22.

Students who are compelled to meet chemical requirements briefly may register for the following sequence: Chemistry 1 or 2, 5, 22, 32 or 33. Students who find it impossible to take more than one semester's work are requested to register in Chemistry 1 or 2 in the second semester rather than in the first.

### Restrictions

With the exception of students in the College of Engineering and the College of Agriculture, registration of students in chemistry courses (other than Chemistry 1, 2, 3, 4, 5, 6, 8a, 8b, 10, 22, 23b, 24, 32, 33, 34) is restricted to those having a grade-point average of at least 3.5 in all subjects, exclusive of the basic courses in military training and the required work in physical education and hygiene, and an average of at least 3.5 in chemistry courses. Transfer students to be admitted must have a corresponding record in the institution from which they transfer and must maintain a similar average at the University of Illinois. A student in the College of Liberal Arts and Sciences who desires to minor in chemistry must maintain a 3.5 average in all chemistry courses. Should he fall below that average and his adviser deem certain chemistry courses essential to him, the head of his department may request in writing and secure his admittance, provided space is available.

### Courses for Undergraduates

#### *Inorganic Chemistry and Qualitative Analysis*

1. **INORGANIC CHEMISTRY.**—For students who have no entrance credit for high school chemistry. S, I, and II, (5). Seniors receive only three hours credit. Students who have received entrance credit for high school chemistry are given only three hours credit for Chemistry 1. *Prerequisite:* One unit of entrance credit in physics, or 2½ units of entrance credit in mathematics, or credit in Mathematics 2 or 3. Assistant Professor MOELLER; (S, Dr. MORRELL); and assistants. †C1a. **INORGANIC CHEMISTRY.**—Equivalent to Chemistry 3. S, I, and II, (4). Dr. QUAGLIANO, Dr. MARTIN.
2. **INORGANIC CHEMISTRY.**—Lectures, recitations, and laboratory. For all students who have had one year of high school chemistry. S, I, and II, (3). Seniors and students who have credit in Chemistry 7a receive only two hours credit. Students who have not used their high school chemistry for entrance may receive five hours credit for Chemistry 2 if they complete the course with a grade of "C" or higher. Students who have failed in Chemistry 1 are permitted to register for Chemistry 2 and will receive five hours credit if their final grade is "C" or higher. *Prerequisite:* One unit of entrance credit in chemistry. Students whose preparation proves to be inadequate for continuing this course will be required to change their registration to Chemistry 1 or 3. Assistant Professors LAITINEN and BARTOW; (S, Professor BAILAR); and assistants.

†Navy College Training Program course, open to engineering students.

- †2a-C6. INORGANIC CHEMISTRY AND ENGINEERING MATERIALS.—Equivalent to Chemistry 4, S, I, and II, (4). *Prerequisite*: Chemistry Cla. Dr. QUAGLIANO, Dr. MARTIN.
3. INORGANIC CHEMISTRY.—Lectures, recitations, and laboratory. For engineering students who have had no chemistry. S, I, and II, (4). Seniors receive only three hours credit. Students who have received entrance credit for high school chemistry are given only three hours credit for Chemistry 3. Assistant Professor MOELLER; (S, Dr. MORRELL); and assistants.
4. CHEMISTRY OF THE METALLIC ELEMENTS.—Lectures, recitations, and laboratory. Limited to students in the engineering curricula. S, I, and II, (4). Credit in Chemistry 4 will not be granted to students who have received credit in Chemistry 5 or Chemistry 6. Seniors receive only three hours credit. *Prerequisite*: Chemistry 1, 2, or 3. Assistant Professor LAITINEN, Dr. MARTIN, Dr. KEIZER; (S, Dr. MORRELL); and assistants.
5. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—Lectures, recitations, and laboratory. For students who are not eligible for Chemistry 4 or 6. S, I, and II, (5). Credit in Chemistry 5 will not be granted to students who have received credit in Chemistry 4 or Chemistry 6. Seniors receive only three hours credit. *Prerequisite*: Chemistry 1, 2, or 3. Assistant Professor BARTOW, Dr. KEIZER; (S, Assistant Professor MOELLER); and assistants.
6. INORGANIC CHEMISTRY.—Metallic elements. For students in the curricula of chemistry, ceramics, and ceramic engineering, and chemistry majors who are not pre-medics. S, I, and II, (5). Credit in Chemistry 6 will not be granted to students who have received credit in Chemistry 4 or Chemistry 5. Seniors receive only three hours credit. *Prerequisite*: Chemistry 1, 2, or 3. Professor BAILAR; (S, Dr. MORRELL); and assistants.
- [8a-8b. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—For students in the curriculum of chemistry or chemical engineering. Lectures, recitations, and laboratory. I and II, (5). Seniors receive only three hours credit. *Prerequisite*: One unit of entrance credit in chemistry and a qualifying examination. Not given in 1944-1945.]
10. QUALITATIVE ANALYSIS.—Qualitative analysis of metals and inorganic compounds. Required of students whose major is chemistry and those registered in the curriculum of chemistry or chemical engineering except those who qualify for Chemistry 8a-8b. Lectures, recitations, and laboratory. I and II, (5). *Prerequisite*: Chemistry 6. Professor REEDY and assistants.

#### *Analytical Chemistry*

22. ELEMENTARY QUANTITATIVE ANALYSIS.—Gravimetric and volumetric analysis, stoichiometrical relations, practical applications. Lectures, recitations, and laboratory. S, I, and II, (5). *Prerequisite*: Chemistry 4 or 5. For students in home economics and pre-medical courses and all others who have not followed the sequence Chemistry 1, 2 or 3, 6 and 10. Associate Professor ENGLIS and assistants.
- [23b. ELEMENTARY QUANTITATIVE ANALYSIS.—For ceramics students only. Gravimetric and volumetric analysis, modern theory and practice, practical applications, especially in the field of ceramic materials. Lectures, recitations, and laboratory. II, (4). *Prerequisite*: Chemistry 10. Not given in 1944-1945.]
24. QUANTITATIVE ANALYSIS.—Gravimetric and volumetric analysis, modern advanced theory and practice. Lectures, recitations, and laboratory. S, I, and II, (5). *Prerequisite*: Chemistry 10 or satisfactory record in Chemistry 8a-8b. Professors CLARK and G. F. SMITH, and assistants.

#### *Organic Chemistry*

32. ELEMENTARY ORGANIC CHEMISTRY.—Especially for students in agriculture. Important compounds of carbon. Lectures, recitations, and laboratory. I and II, (3). *Prerequisite*: Chemistry 5 or 10. Dr. LEONARD and assistants.
- [33. ELEMENTARY ORGANIC CHEMISTRY.—For students in home economics and pre-medical courses. Lectures, recitations, and laboratory. S, (5). *Prerequisite*: Chemistry 5 or 10. Not given in 1944-1945.]

†Navy College Training Program course, open to engineering students.

### Courses for Advanced Undergraduates

#### *Organic Chemistry*

34. ORGANIC CHEMISTRY.—For students whose major is chemistry or for those registered in the curriculum of chemistry or chemical engineering. Lectures, recitations, and laboratory. S, I, and II, (5). *Prerequisite:* Chemistry 6, 10, and 24. Dr. LEONARD and assistants; (S, Associate Professor SNYDER).

#### *Physical Chemistry*

47. ELEMENTARY PHYSICAL CHEMISTRY.—For pre-medical students only. Lectures and laboratory. II, (4). *Prerequisite:* Chemistry 22, 33; Physics 7b, 8b, or equivalent; junior standing. Dr. MILLER.
- [48a-48b. ELEMENTARY PHYSICAL CHEMISTRY.—For engineers. Not open to chemistry majors. I and II, (3). *Prerequisite:* Chemistry 22; Physics 1a-1b or 7a-7b; Mathematics 7 or 8a-8b. Not given in 1944-1945.]

#### *Chemical Engineering*

- [66a-66b. INSPECTION TRIP.—I and II, (½). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1944-1945.]

#### *Miscellaneous*

- 90a-90b. THESIS.—Limited in general to seniors in the curriculum of chemistry or chemical engineering. Majors in chemistry in the general curriculum may register if they have completed a minimum of twenty-three hours of chemistry, which must include at least five hours from courses for advanced undergraduates. Any others must have the consent of the Head of the Department. Each student who desires research must obtain, before the time of registration, special written permission from the instructor under whom he is to work. Except under unusual circumstances, only those students registered in Chemistry 90a or 90b will be recommended for honors. All students taking this course must present a thesis in order to receive credit. S, I, and II, (2 to 6). Professor ROSE (in charge).
- 91b. ELEMENTS OF GLASS BLOWING.—Laboratory. Construction and repair of glass apparatus. II, (1). *Prerequisite:* Two years of work in chemistry. Mr. ANDERS.
92. CHEMICAL LITERATURE AND REFERENCE WORK.—Required of juniors in the chemistry curriculum; advised for juniors whose major is chemistry and for students in the curriculum of chemical engineering. I and II, (1). *Prerequisite:* Eighteen hours of chemistry; one year of French or German; junior standing. Assistant Professor BARTOW.
- 93b. CHEMICAL LITERATURE AND REFERENCE WORK.—For those who have had one semester of Chemistry 92. Required of juniors in chemistry; advised for juniors whose major is chemistry and for students in the curriculum of chemical engineering. II, (1). *Prerequisite:* Chemistry 92. Assistant Professor BARTOW.
- [94b. TEACHERS' COURSE.—II, (2). *Prerequisite:* Thirteen hours of chemistry; senior standing. Not given in 1944-1945.]

### Courses for Advanced Undergraduates and Graduates

#### *Inorganic Chemistry*

15. INORGANIC CHEMISTRY.—Periodic relationship, preparation, and application of the common elements and compounds. Lectures and recitations. S, I, and II, (3). *Prerequisite:* Junior standing; fifteen hours credit in chemistry in addition to the elementary courses. Assistant Professor MOELLER.
16. INORGANIC CHEMISTRY.—Laboratory. Preparation of the less easily produced inorganic compounds. S, I, and II, (2). *Prerequisite:* Registration or credit in Chemistry 15. Assistant Professor MOELLER.
- [S17. METHODS OF TEACHING ELEMENTARY CHEMISTRY IN THE HIGH SCHOOL.—S, (3). *Prerequisite:* At least one full year's teaching in high school or consent of instructor. Not given in 1944.]

*Analytical Chemistry*

- 25b. A SURVEY OF ANALYTICAL CHEMISTRY.—For advanced undergraduate and graduate students requiring further training and review in analytical chemistry. Not open to students who have had Chemistry 10, 24, or S120. II, (3). *Prerequisite:* Senior standing, or consent of instructor. Professor REEDY.
27. SPECIAL METHODS AND INSTRUMENTS IN QUANTITATIVE ANALYSIS.—Gas analysis; electrometric titration, optical methods, and other advanced analyses. S and II, (3). *Prerequisite:* Chemistry 24 and 34; registration or credit in Chemistry 40 and 41. Professor G. F. SMITH.
- 28a. QUALITATIVE MICROANALYSIS.—Laboratory and conferences. I, (3). *Prerequisite:* Chemistry 24, and 33 or 34. Professor REEDY.
- 29b. FOOD ANALYSIS.—Quantitative organic analysis of food products; alcohols, carbohydrates, fats and oils, cereals, nitrogenous bodies, preservatives, and colors. II, (5). *Prerequisite:* Chemistry 24, and 33 or 34. Associate Professor ENGLIS.

*Organic Chemistry*

36. ORGANIC CHEMISTRY.—Second course. Lectures and recitations. S, I, and II, (3). *Prerequisite:* Chemistry 34. Dr. FRANK; (S, Dr. LEONARD).
37. ORGANIC CHEMISTRY.—Organic synthesis. Laboratory, to accompany Chemistry 36. S, I, and II, (2). *Prerequisite:* Chemistry 34; registration or credit in Chemistry 36. Dr. FRANK and assistants; (S, Dr. LEONARD).
38. SYSTEMATIC IDENTIFICATION OF ORGANIC COMPOUNDS.—I and II, (3). *Prerequisite:* Chemistry 36 and 37. Professor FUSON, Associate Professor SNYDER.

*Physical Chemistry*

40. ELEMENTARY PHYSICAL CHEMISTRY.—Lectures and problems. S, I, and II, (3). *Prerequisite:* Chemistry 24; Physics 1a-1b or 7a-7b; Mathematics 7 or 8a-8b. Professor RODEBUSH, Associate Professor WALL; (S, Dr. MILLER).
41. ELEMENTARY PHYSICAL CHEMISTRY.—Laboratory, to accompany Chemistry 40. S, I, and II, (1). *Prerequisite:* Chemistry 24; Physics 1a-1b or 7a-7b; Mathematics 7 or 8a-8b. Associate Professor WALL, Dr. MILLER, and assistants.
42. ELEMENTARY PHYSICAL CHEMISTRY.—Lectures. Continuation of Chemistry 40. I and II, (3). *Prerequisite:* Chemistry 40. Dr. MILLER.
43. ELEMENTARY PHYSICAL CHEMISTRY.—Laboratory, to accompany Chemistry 42. S, I, and II, (1). *Prerequisite:* Chemistry 40 and 41; credit or registration in Chemistry 42. Dr. MILLER.
- 44a. ADVANCED PHYSICAL CHEMISTRY.—Thermodynamics and free energy calculations. S and I, (2). *Prerequisite:* Chemistry 40 and 41. Dr. MILLER.
- [46b. ADVANCED PHYSICAL CHEMISTRY.—Atomic structure. II, (2). *Prerequisite:* Chemistry 40 and 41. Not given in 1944-1945.]
- 49b. CHEMISTRY OF COLLOIDS.—II, (3). *Prerequisite:* Chemistry 22 and 47, or equivalent. Professor RODERUSH.

*Biochemistry*

50. BIOCHEMISTRY.—Proteins, fats, and carbohydrates; tissues, digestion, intestinal putrefaction, and feces; quantitative analysis of gastric contents, blood, milk, and urine. Clinical aspects for prospective students of medicine. Lectures, demonstrations, conferences, laboratory, and readings. S, I, and II, (5). *Prerequisite:* Chemistry 24 or 22 and 33 or 34. Professor ROSE, Associate Professor CARTER, Dr. VESTLING, and assistants.
- 51b. BIOCHEMISTRY. PROBLEMS OF METABOLISM.—Micro-methods of blood and urine analysis, with their applications to metabolism and to the diagnosis and treatment of disease. Lectures, conferences, and laboratory. II, (3). *Prerequisite:* Chemistry 50. Associate Professor CARTER and assistants.
- 52b. BIOCHEMISTRY OF VITAMINS AND HORMONES.—Lectures. S and II, (3). *Prerequisite:* Chemistry 50. Associate Professor CARTER.

*Chemical Engineering*

- 60a. CHEMICAL ENGINEERING UNIT PROCESSES.—Heat and material balances and design problems. Lectures and recitations. S and I, (3). *Prerequisite:* Chemistry 63b. Assistant Professor LANGDON; (S, Assistant Professor LEWIS.)

- 61a-61b. PRINCIPLES OF CHEMICAL ENGINEERING.—Scientific principles in unit operations of chemical engineering. Lectures and laboratory. S, I, and II, (3). *Prerequisite:* Chemistry 63b. Associate Professor COMINGS, Assistant Professor LANGDON; (S, Assistant Professor LEWIS.)
- 62a. PRINCIPLES OF RESEARCH AND DEVELOPMENT.—S and II, (2). *Prerequisite:* Chemistry 63b or 67b. Assistant Professor LANGDON and assistants.
- 63b. INTRODUCTION TO CHEMICAL ENGINEERING.—Unit operations, equipment, and calculations. Lectures. S and II, (3). *Prerequisite:* Junior standing; Chemistry 40. Assistant Professor LANGDON.
- 64b. HIGH PRESSURE REACTIONS.—II, (2). *Prerequisite:* Chemistry 34 and 44a. Associate Professor COMINGS.
- 65b. CHEMICAL ENGINEERING CALCULATIONS.—Applied thermodynamics. II, (3). *Prerequisite:* Chemistry 34 and 44a. Assistant Professor LANGDON.
- [67b. CHEMICAL TECHNOLOGY.—Modern industrial chemical processes. II, (3). *Prerequisite:* Chemistry 34 and 40; registration in the chemistry or chemical engineering curriculum. Not given in 1944-1945.]
- 68a-68b. UNIT OPERATIONS.—Laboratory. S, I, and II, (2). *Prerequisite:* Registration or credit in Chemistry 61a. Assistant Professor LANGDON; (S, Assistant Professor LEWIS.)
- 69a. CHEMICAL ENGINEERING PROJECTS.—Laboratory. Development of an individual project. S and I, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Associate Professor COMINGS, Assistant Professor LANGDON.
- [70b. ECONOMICS OF CHEMICAL ENGINEERING.—Lectures. II, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1944-1945.]
- [71a. APPLIED ELECTROCHEMISTRY.—Lectures. I, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1944-1945.]
- [72a. POWER PLANT AND BOILER WATER PROBLEMS.—Lectures. I, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1944-1945.]

#### *Water Chemistry*

- 49b. CHEMISTRY OF COLLOIDS.—See under Physical Chemistry (above).
- [86a. CHEMISTRY OF WATER TREATMENT.—Methods for determining water quality; special water requirements of industries, chemistry of water conditioning for municipal and industrial use; by-product recovery from industrial and other wastes. Lectures, demonstrations, and field trips. I, (3). *Prerequisite:* Chemistry 24. Not given in 1944-1945.]

#### *Miscellaneous*

- 95a. HISTORY OF SCIENCE WITH PARTICULAR REFERENCE TO CHEMISTRY.—Lectures and readings. I, (2). *Prerequisite:* Twenty hours of laboratory science; junior standing. Assistant Professor BARTOW.

#### Courses for Graduates

NOTE:—Students who intend to take graduate work for an advanced degree in chemistry or chemical engineering should include in their undergraduate preparation at least the equivalent of one full year of physics, one year of French, one year of German, and mathematics through differential and integral calculus. Any student without the necessary physics or mathematics may enter the Graduate School but will be required to spend part of his time in residence to remove the deficiency. In order to be admitted as a candidate for an advanced degree in chemistry a student must have had one year of college French or German (preferably German). Where the applicant has done two or three years of work in French or German in a secondary school, the requirement will be considered to be met provided at least one quarter or one semester of the language more advanced than his secondary school work has been done in college. Four years of French or German completed in a secondary school will be accepted in lieu of any college work in the subject. An applicant who has a knowledge of French or German, but who lacks formal credentials, may be examined to determine his language status. Such an applicant should correspond with the Registrar with reference to this examination.

At the time of applying for admission to the Graduate School, each prospective student should notify the Head of the Chemistry Department, stating the degree for which he wishes to study and the field of specialization. Neglect to do this may result



in a delay before the student can begin his research, because of the limited space in the laboratories, or may make it impossible for him to continue his work for the Ph.D. degree. See regulations concerning research under Chemistry 190a-190b.

Candidates for an advanced degree in chemistry must have had the equivalent of 25 semester hours in chemistry, properly distributed.

Candidates for the A.M. or M.S. degree with the principal work in chemistry must include among their courses Chemistry 40 and 41, or must have had the equivalent.

Candidates for the Ph.D. degree in any branch of chemistry must include among their courses Chemistry 40, 41, 42, and 43, or must have had the equivalent.

Candidates for the Ph.D. degree with the principal work in chemical engineering must have had undergraduate training comparable to that offered in the chemical engineering curriculum at the University of Illinois. They must include among their courses Chemistry 40, 41, 42, and 44a, or must have had the equivalent.

Graduate students whose major subject is in some department other than chemistry, before taking chemistry courses for graduate credit, must have had the equivalent of fifteen semester hours in chemistry, and the ground covered should include satisfactory work in general chemistry and in qualitative and quantitative analysis and elementary organic chemistry. Such students are advised to make selections from the following courses: Chemistry 40, 41, 42, 43, 27, 36, 37, 50, 60a, 15, 16, and 29b. Courses of a more special nature will not, as a rule, be accepted for graduate work unless preceded by one of the courses above.

Those who intend to take a first minor in chemistry or any branch of chemistry toward the Ph.D. degree must include among their courses Chemistry 40 and 41, or must have had the equivalent.

#### *Inorganic Chemistry*

101b. INORGANIC CHEMISTRY.—The less familiar elements and their relationship in the periodic system. Lectures and recitations. II, ( $\frac{3}{4}$  unit). Assistant Professor LAITINEN.

102b. INORGANIC CHEMISTRY.—Inorganic preparations and qualitative analysis of the less familiar elements. Laboratory, to accompany or follow Chemistry 101b. II, ( $\frac{1}{4}$  to  $\frac{3}{4}$  unit). Assistant Professor LAITINEN.

105a-105b. INORGANIC CHEMISTRY.—Seminar. Required of all graduate students whose major is inorganic chemistry. I and II, ( $\frac{1}{4}$  unit). Professor BAILAR.

106a-106b. SPECIAL TOPICS IN INORGANIC CHEMISTRY.—Discussions and reports. S and II, ( $\frac{3}{4}$  unit). 106a not given in 1944-1945. Assistant Professor LAITINEN; (S, Professor BAILAR).

[S107. RECENT DEVELOPMENTS IN INORGANIC CHEMISTRY.—Designed particularly for high school teachers. Lectures, discussions, reports, and assigned readings. S, ( $\frac{3}{4}$  unit). *Prerequisite:* Graduate standing in chemistry, or consent of instructor. Not given in 1944.]

#### *Analytical Chemistry*

[S120. SURVEY OF MODERN ANALYTICAL CHEMISTRY.—Lectures and recitations. S, ( $\frac{3}{4}$  unit). Not given in 1944.]

[S121b. QUALITATIVE MICROANALYSIS.—Laboratory and conferences. S, ( $\frac{3}{4}$  unit). Not given in 1944.]

123a. QUALITATIVE ANALYSIS.—Advanced principles, calculations, methods, and applications. Required of all graduate students whose major or minor is analytical chemistry. Lectures. I, ( $\frac{1}{2}$  unit). Professor REEDY.

124b. QUANTITATIVE ANALYSIS.—Advanced principles, calculations, experimental methods, and applications. Required of all graduate students whose major or minor is analytical chemistry. Lectures. II, ( $\frac{1}{2}$  unit). Professor G. F. SMITH.

124d. QUANTITATIVE ANALYSIS.—Laboratory. Optional, to accompany Chemistry 124b. II, ( $\frac{1}{2}$  unit). Professor G. F. SMITH.

125a-125b. ANALYTICAL CHEMISTRY.—Seminar. Special topics in analytical chemistry. Required of all graduate students whose major or minor is analytical chemistry. S, I, and II, ( $\frac{1}{4}$  to 1 unit). Professor CLARK; (S, Professor SMITH).

126a. QUANTITATIVE INSTRUMENTAL AND CHEMICAL METHODS OF ANALYSIS IN CHEMICAL RESEARCH.—Spectroscopy, polarimetry, refractometry, spectrophotometry, colorimetry, microscopy, etc. Lectures and laboratory. I, ( $\frac{3}{4}$  unit). Associate Professor ENGLISH.

127a-127b. APPLIED X-RAYS.—Lectures. I and II, ( $\frac{1}{2}$  unit). Professor CLARK.

127c-127d. APPLIED X-RAYS.—Laboratory. Optional, to accompany Chemistry 127a-127b. I and II, ( $\frac{1}{2}$  unit). Professor CLARK.

*Organic Chemistry*

- 130a. ORGANIC CHEMISTRY.—Survey of organic chemistry designed for first-year graduate students. S and I, (1 unit). Professor FUSON; (S, Associate Professor SNYDER).
- [S131. RECENT DEVELOPMENTS IN ORGANIC CHEMISTRY.—Lectures, discussions, and reports. S, (1 unit). *Prerequisite*: One year of organic chemistry (Chemistry 36, or equivalent). Not given in 1944.]
- 132b. ORGANIC CHEMISTRY.—Advanced survey of organic chemistry (to follow Chemistry 130a). Lectures. II, (1 unit). Associate Professor SNYDER.
- 133a. ORGANIC CHEMISTRY.—Optical isomerism, *cis-trans* isomerism, tautomerism, chemistry of the carbohydrates, etc. Lectures. I, ( $\frac{3}{4}$  unit). Associate Professor PRICE.
- 134a. ORGANIC CHEMISTRY.—Advanced organic synthesis. Laboratory. S and I, ( $\frac{1}{2}$  to 1 unit). Associate Professor SNYDER.
- 135a-135b. ORGANIC CHEMISTRY.—Seminar. Current literature. I and II, ( $\frac{1}{4}$  unit). Associate Professor PRICE.
- 136b. ORGANIC CHEMISTRY.—Newer methods in organic laboratory procedure. Lectures and laboratory. II, ( $\frac{1}{4}$  to 1 unit). Dr. FRANK.

*Physical Chemistry*

- [140a. PHYSICAL CHEMISTRY.—I, ( $\frac{3}{4}$  unit). Not given in 1944-1945.]
- 144a-144b. PHYSICAL CHEMISTRY.—Kinetic theory, statistical mechanics, molecular dynamics. Lectures. II, ( $\frac{3}{4}$  unit). 144a not given in 1944-1945. Associate Professor WALL.
- 145a-145b. PHYSICAL CHEMISTRY.—Seminar. Recent developments. II, ( $\frac{3}{4}$  unit). 145a not given in 1944-1945. Professor RODEBUSH.
- [S146. ATOMIC STRUCTURE.—Includes a review of recent work upon the structure of the nucleus, isotopes, ultimate particles and nuclear transformation, involving neutrons. Non-mathematical. This course is intended to familiarize teachers of chemistry with as much of the recent work in chemistry and chemical physics as may be understood without extensive mathematical preparation. S, ( $\frac{3}{4}$  unit). Not given in 1944.]

*Biochemistry*

- 150b. BIOCHEMISTRY.—Chemistry of intermediary metabolism. Lectures, discussions, and readings. II, ( $\frac{3}{4}$  unit). Professor ROSE.
- 152a-152b. BIOCHEMISTRY.—Difficult biochemical preparations; analytical methods. Chiefly laboratory. S and II, ( $\frac{1}{2}$  to 1 unit). Professor ROSE; (S, Dr. VESTLING).
- 155a-155b. BIOCHEMISTRY.—Seminar. Current literature. Required of all graduate students whose major is biochemistry. I and II, ( $\frac{3}{4}$  unit). Professor ROSE.

*Chemical Engineering*

- 160a. FLOW OF FLUIDS.—II, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61a. Assistant Professor LEWIS.
- 161a. HEAT TRANSMISSION.—Lectures. Especially designed for first-year graduate students. I, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61a. Associate Professor COMINGS.
- [163a. EVAPORATION, DRYING, HUMIDIFICATION, AND DEHUMIDIFICATION.—Lectures. I, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61b. Not given in 1944-1945.]
- [164a. ABSORPTION AND EXTRACTION.—Lectures. I, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61b. Not given in 1944-1945.]
- 165a-165b. CHEMICAL ENGINEERING.—Seminar. Required of all graduate students whose major is chemical engineering. II, ( $\frac{1}{4}$  unit). 165a not given in 1944-1945. Professor JOHNSTONE.
- [166b. FILTRATION AND SEPARATION.—Lectures. II, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61b. Not given in 1944-1945.]
- [167b. DISTILLATION.—Lectures. II, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61b. Not given in 1944-1945.]
- [168b. ECONOMIC BALANCE AND PLANT DESIGN.—Lectures. II, ( $\frac{1}{2}$  unit). *Prerequisite*: Chemistry 61b. Not given in 1944-1945.]
- [169b. CATALYSIS.—Lectures. II, ( $\frac{1}{2}$  unit). Not given in 1944-1945.]

*Sanitary Chemistry*

[185a-185b. THE CHEMISTRY OF WATER TREATMENT.—Seminar. Special problems and new developments in sanitary chemistry. I and II, ( $\frac{1}{4}$  to  $1\frac{1}{4}$  units). Not given in 1944-1945.]

*Miscellaneous*

190a-190b. RESEARCH.—Candidates for the A.M. or M.S. degree who elect research are required to present a thesis. A thesis is always required of students taking the Ph.D. degree. Not all candidates for thesis work necessarily will be accepted. Students whose major is in departments other than chemistry must receive permission from the Head of the Chemistry Department to register in this course. S, I, and II. Work may be taken in the following fields, subject to the approval of one of the qualified staff members:

PHYSICAL AND ELECTROCHEMISTRY.—Professor RODEBUSH, Associate Professor WALL.

INORGANIC CHEMISTRY.—Professors REEDY and BAILAR, Assistant Professors LAITINEN and MOELLER.

ANALYTICAL CHEMISTRY.—Professors CLARK, G. F. SMITH, and REEDY, Associate Professor ENGLIS.

FOOD CHEMISTRY AND PHYTOCHEMISTRY.—Associate Professor ENGLIS.

APPLIED X-RAYS.—Professor CLARK.

ORGANIC CHEMISTRY.—Professors ADAMS, MARVEL, and FUSON, Associate Professors PRICE and SNYDER, Dr. FRANK, Dr. LEONARD.

COLLOID CHEMISTRY; WATER CHEMISTRY; ZYMOCHEMISTRY.—

BIOCHEMISTRY.—Professor ROSE, Associate Professor CARTER, Dr. VESTLING.

CHEMICAL ENGINEERING.—Professors KEYES, JOHNSTONE, SWANN, and STRAUB, Associate Professor COMINGS.

CERAMIC CHEMISTRY.—Professor ANDREWS.

192a. CHEMICAL LITERATURE AND REFERENCE WORK.—I, ( $\frac{1}{4}$  unit). Assistant Professor BARTOW.

**CIVIL ENGINEERING**

*Professors:* HUNTINGTON (Head of the Department), KING, WILSON, BABBITT, CRANDELL, PICKELS,<sup>1</sup> DOLAND, SHEDD, VAWTER, WILEY, NEWMARK.<sup>2</sup>

*Associate Professors:* RAYNER, OLIVER.

*Assistant Professors:* BAUER, DELL, PECK, CLARK.<sup>3</sup>

*Associates:* EVANS,<sup>3</sup> MOORE.

*Lecturers:* CUMMINGS, WISELY, RANDALL.

*Cooperating:* Professors S. H. WHITE and O. G. SCHAFFER.

**Courses for Undergraduates**

[1. PLANE SURVEYING.—S, I, and II, (3). *Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4. Not given in 1944-1945. Assistant Professor BAUER.]

†1N. PLANE SURVEYING.—(Similar to Civil Engineering 1 with part of Civil Engineering 15). S, I, and II, (3). *Prerequisite:* Mathematics 4, M1, or M3; General Engineering Drawing 1, 4, or D1N. Associate Professor RAYNER, Assistant Professors BAUER and DELL.

[2. TOPOGRAPHIC SURVEYING.—S, I, and II, (3). *Prerequisite:* Civil Engineering 1. Not given in 1944-1945. Associate Professor RAYNER.]

†2N. GEODETIC SURVEYING.—S, I, and II, (5). *Prerequisite:* Civil Engineering 1N or 1; registration in Mathematics M5. Associate Professor RAYNER, Assistant Professor DELL.

3. ROUTE SURVEYING.—Horizontal and vertical alinement for railways and highways; grades and grade reduction; curves, turnouts, and earthwork, principles of economic location; surveys, plans, and estimates. S, (4). *Prerequisite:* Civil Engineering 2, 15, or 18. Professor WILEY.

<sup>1</sup>Deceased December 2, 1944.

<sup>2</sup>On leave of absence until January 20, 1945.

<sup>3</sup>On leave of absence for war service.

†Navy College Training Program course, open to engineering students.

- †7N. STRUCTURAL ANALYSIS.—(Civil Engineering 61 with part of 62). I and II, (5). *Prerequisite:* Registration or credit in Theoretical and Applied Mechanics 3. Professor VAWTER, Associate Professor OLIVER.
- †8N. THEORY OF REINFORCED CONCRETE.—(Parts of Civil Engineering 63 and 64). II, (3). *Prerequisite:* Civil Engineering 7N or 61. Professor SHEDD.
- †9N. ELEMENTARY STRUCTURAL DESIGN IN STEEL AND WOOD.—(Parts of Civil Engineering 63 and 64). II, (3). *Prerequisite:* Civil Engineering 7N or 61. Assistant Professors DELL and PECK.
- [10. MARINE AND AIR NAVIGATION.—I, (3). *Prerequisite:* Mathematics 4, 4a, or 5; junior standing. Not given in 1944-1945. Assistant Professor DELL.]
- †10N. CURVES AND EARTHWORK.—(Similar to Civil Engineering 3). I and II, (3). *Prerequisite:* Civil Engineering 1N or 1. Professor WILEY, Associate Professor RAYNER.
- [15. GENERAL SURVEYING.—For students in other departments. S, I, and II, (3). *Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4. Not given in 1944-1945. Assistant Professor DELL.]
17. SURVEYING FOR LANDSCAPE ARCHITECTS.—Field problems; use of instruments, note-keeping, signals, basic surveying operations; office problems. I, (3). *Prerequisite:* Sophomore standing in landscape architecture. (Given in cooperation with Department of Landscape Architecture). Professors WHITE and SCHAFFER.
18. SURVEYING FOR LANDSCAPE ARCHITECTS.—Use and construction of contour maps; methods of mapping; computation of earthwork; office problems; actual surveys. II, (3). *Prerequisite:* Civil Engineering 17. (Given in cooperation with Department of Landscape Architecture). Professors WHITE and SCHAFFER.
- [19. CONSTRUCTION SURVEYING.—II, (3). *Prerequisite:* Civil Engineering 3; Mathematics 7. Not given in 1944-1945. Associate Professor RAYNER.]
20. HIGHWAY CONSTRUCTION.—Soils, drainage, and materials of construction for roads and pavements; construction of earth, gravel, and macadam roads; city and rural pavement construction, repairs and maintenance; accessories; resurfacing; width and capacity of roads and streets; estimates. S and I, (3). *Prerequisite:* Civil Engineering 2, 15, 18, or consent of instructor. Professor WILEY, Assistant Professor BAUER.
22. HIGHWAY AND MUNICIPAL DESIGN.—Road systems, city streets, pavement types; design, preparation of plans, specifications, and estimates of cost. I, (4). *Prerequisite:* Civil Engineering 20, or consent of instructor. Professor CRANDELL.
23. HIGHWAY ADMINISTRATION.—Relation of road and street improvement to social and economic welfare; highway organization; highway and pavement financing. II, (3). *Prerequisite:* Civil Engineering 20, or consent of instructor. Professor WILEY.
24. AIRPORT DESIGN.—Requirements of site; arrangement of various facilities; location, soil studies, grading, drainage, and surfacing of runways; general features of hangars, shops, and other buildings. I, (2). *Prerequisite:* Senior standing in engineering or architecture. Professors CRANDELL, DOLAND, and SHEDD, Assistant Professor PECK.
25. RAILWAY CONSTRUCTION AND MAINTENANCE.—Earthwork and rockwork; track materials; track stresses; and track design. I, (3). *Prerequisite:* Civil Engineering 3. Professor WILEY.
26. ECONOMICS OF RAILWAY LOCATION AND OPERATION.—Influence of volume of traffic, alinement, and gradient upon operating expenses. II, (3). *Prerequisite:* Civil Engineering 3. Professor WILEY.
- [27. RAILWAY YARDS AND TERMINALS.—II, (2). *Prerequisite:* Civil Engineering 3. Not given in 1944-1945. Professor WILEY.]
- [29. RAILWAY SIGNALING.—II, (2). *Prerequisite:* Junior standing in engineering. Not given in 1944-1945. Professor WILEY.]
- [30. HIGHWAY MATERIALS LABORATORY.—S, I, and II, (1). *Prerequisite:* Junior standing in engineering, architecture, or landscape architecture. Not given in 1944-1945. Assistant Professor BAUER.]
- [31. ADVANCED HIGHWAY MATERIALS.—II, (2). *Prerequisite:* Civil Engineering 30, 32, or 35. Not given in 1944-1945. Assistant Professor BAUER.]
- [32. ENGINEERING PROPERTIES OF SOILS.—I and II, (2). *Prerequisite:* Senior standing in engineering, or consent of instructor. Not given in 1944-1945. Assistant Professor BAUER.]

35. PLAIN CONCRETE.—Tests for Portland cement; aggregates; field and laboratory examination and tests; proportioning. Laboratory practice. S, I, and II, (2). *Prerequisite:* Junior standing in engineering, architecture, or landscape architecture. Assistant Professor BAUER.
- [36. CONSTRUCTION MATERIALS.—This course supplements Civil Engineering 30, 31, and 35. S, I, and II, (1). *Prerequisite:* Junior standing in engineering, architecture, or landscape architecture. Not given in 1944-1945. Associate Professor OLIVER.]
- †36N. CONSTRUCTION MATERIALS.—(Civil Engineering 36 and part of 30). S and I, (2). *Prerequisite:* Junior standing in engineering or architecture, or consent of instructor. Assistant Professor BAUER.
40. WATER SUPPLY.—Finances, hydraulics, demands, sources, reservoirs, pipe lines, pumping machinery, materials, distribution systems. S, I, and II, (4). *Prerequisite:* Theoretical and Applied Mechanics 3, 4, and 64; Mechanical Engineering 1 or 2. Professors BABBITT, PICKELS, and WILEY, Mr. MOORE.
41. SEWERAGE.—Sewerage systems, surveys and plants, hydraulics, house sewerage, rainfall and storm-water flow, size and capacity of sewers, appurtenances, estimates and specifications, construction. S, I, and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 4 and 64. Professors BABBITT and PICKELS, Mr. MOORE.
44. WATER AND SEWAGE TREATMENT.—Principles, design, and operation of water purification and sewage treatment works. II, (3). *Prerequisite:* Bacteriology 5a; registration or credit in Civil Engineering 41. Professor BABBITT.
- [45. PUBLIC HEALTH ENGINEERING.—I, (4). *Prerequisite:* Civil Engineering 44. Not given in 1944-1945. Professor BABBITT.]
50. HYDROLOGY.—Precipitation, evaporation, transpiration, deep seepage, run-off, hydraulics of rivers and small streams; use of current meter, float, weir, etc. I, (2). *Prerequisite:* Senior standing in engineering. Professors PICKELS and DOLAND.
51. DRAINAGE AND FLOOD CONTROL.—Land drainage, river improvement, flood control. II, (3). *Prerequisite:* Civil Engineering 50. Professor DOLAND.
- [55. WATER POWER.—II, (3). *Prerequisite:* Theoretical and Applied Mechanics 4 and 64. Not given in 1944-1945. Professor DOLAND.]
- [60. BRIDGE AND BUILDING CONSTRUCTION.—S, I, and II, (3). *Prerequisite:* Sophomore standing. Not given in 1944-1945. Professor HUNTINGTON.]
61. STRUCTURAL STRESSES.—Analysis of stresses in statically determinate structures. S, (4). *Prerequisite:* Registration or credit in Theoretical and Applied Mechanics 3. Associate Professor OLIVER.
62. STRUCTURAL ANALYSIS.—A continuation of Civil Engineering 61. S and I, (3). *Prerequisite:* Theoretical and Applied Mechanics 3; registration or credit in Civil Engineering 61. Professor VAWTER, Associate Professor OLIVER.
63. ELEMENTARY STRUCTURAL DESIGN.—S and I, (2). *Prerequisite:* Theoretical and Applied Mechanics 3; registration or credit in Civil Engineering 61. Professors SHEDD and VAWTER, Associate Professor OLIVER.
64. STRUCTURAL DESIGN.—Theory of design and design of structures of steel, concrete, and timber. Primarily building design. S, I, and II, (5). *Prerequisite:* Civil Engineering 62 and 63. Associate Professor OLIVER, Assistant Professor DELL.
65. STRUCTURAL DESIGN.—Continuation of Civil Engineering 64, devoted principally to bridges. S, I, and II, (4). *Prerequisite:* Civil Engineering 64. Professor VAWTER, Associate Professor OLIVER.
- 65w. STRUCTURAL DESIGN.—An abbreviation of Civil Engineering 65. S, I, and II, (3). Professor VAWTER.
66. EARTH AND MASONRY STRUCTURES.—Dams, retaining walls, bridge piers and abutments, shallow bins, deep bins, culverts, arches, foundations, and soil mechanics. S, I, and II, (3). *Prerequisite:* Civil Engineering 61 and 63. Professor HUNTINGTON.
67. STATICALLY INDETERMINATE STRUCTURES.—Elastic theory and its applications to statically indeterminate structures. I, (3). *Prerequisite:* Registration or credit in Civil Engineering 64. Civil Engineering 67 is recommended for graduate students who have not had similar training. Professor SHEDD.

†Navy College Training Program course, open to engineering students.

68. **STATICALLY INDETERMINATE STRUCTURES.**—Continuation of Civil Engineering 67. S and II, (3). *Prerequisite:* Civil Engineering 67. Professors SHEDD and VAWTER.
- [70. **AIRPLANE STRUCTURES.**—II, (3). *Prerequisite:* Registration or credit in Civil Engineering 67 and Mechanical Engineering 33, or consent of instructor. Not given in 1944-1945. Assistant Professor CLARK.]
89. **STRUCTURAL ENGINEERING.**—Design of steel, reinforced concrete, and timber structures. For students in other departments. S, (3). *Prerequisite:* Senior standing in engineering or architecture. Professor HUNTINGTON.
90. **CONTRACTS AND SPECIFICATIONS.**—Engineering relations; the law of contracts; business and technical clauses used in specifications. S, I, and II, (2). *Prerequisite:* Senior standing in engineering or architecture. Professors CRANDELL and PICKELS.
91. **ESTIMATES AND COSTS.**—Economic selection; construction cost estimating; direct and overhead costs; cost keeping; construction by force account and contract; time schedules and progress charts; valuation. S, I, and II, (2). *Prerequisite:* Senior standing in engineering or architecture. Associate Professor OLIVER.
- [95-96. **SPECIAL PROBLEMS.**—I, (1). *Prerequisite:* Senior standing in civil engineering or architecture. Not given in 1944-1945. Assistant Professor PECK and others.]
- 97-98. **THESIS.**—Investigation or design. May be substituted for certain technical subjects in any of the five options of the senior year. S, and continuous through I and II, (1 to 3). *Prerequisite:* Senior standing; consent of head of department.
- [99. **INSPECTION TRIP.**—I, (no credit). *Prerequisite:* Senior standing. Not given in 1944-1945.]

#### Courses for Graduates

NOTE:—The prerequisite for graduate work in civil engineering is the equivalent of the undergraduate curriculum required for a bachelor's degree in the branch of the subject in which registration is desired.

101. **WATER SUPPLY.**—Design, pumping machinery, administration, operation. I and II, (1 unit). Professor BABBITT.
- [102. **SEWERAGE.**—II, (1 unit). Not given in 1944-1945. Professor BABBITT.]
103. **HIGHWAY ENGINEERING.**—Highway transportation, airport design, street layouts, regional plans, and pavements for cities. I, (1 unit). Professor CRANDELL.
104. **MUNICIPAL ENGINEERING.**—City finances and budgets, the work of the city manager and city engineer, zoning, playgrounds and parks, street cleaning, smoke prevention, and fire prevention. II, (1 unit). Professor CRANDELL.
105. **REINFORCED CONCRETE DESIGN.**—Theories of action of beams, slabs, and columns of reinforced concrete; codes and specifications and their influence on design; effect of continuity. I, (1 unit). Professor SHEDD.
106. **STRUCTURAL THEORY AND DESIGN.**—General theory of continuity; moment distribution; the column analogy; rigid frame bridges and buildings; fixed and continuous arches; classification of structures from viewpoint of design. I and II, (1 or 2 units). Professor SHEDD.
107. **STEEL DESIGN.**—Design of steel members; codes and specifications for buildings; riveted and welded connections; evolution of bridge specifications; loads and working stresses; economic proportions. S and II, (1 unit). Professor SHEDD.
108. **STRUCTURAL THEORY AND DESIGN.**—Statically indeterminate trusses; continuous trusses; steel arches; secondary stresses; suspension bridges; long-span roofs; skeleton steel buildings. S and II, (1 to 2 units). Professor SHEDD.
109. **PUBLIC HEALTH ENGINEERING.**—Design of water purification works and principles of sanitation. S and I, (1 unit). Professor BABBITT.
- [110. **SEWAGE DISPOSAL, WASTES DISPOSAL, AND GENERAL SANITATION.**—II, (1 unit). Not given in 1944-1945. Professor BABBITT.]
112. **EARTH AND MASONRY STRUCTURES.**—Design and construction of dams, retaining walls, abutments and piers, culverts, grain elevators, and bins. S and I, (1 unit). Professor HUNTINGTON.
113. **SOIL MECHANICS AND FOUNDATIONS.**—Geological considerations; sub-surface exploration; classification, properties, and tests for rock and soil; stress distribution under foundations; consolidation and settlement; percolation and seepage; spread footings; pile foundations; cofferdams; deep foundations; dam foundations. S and I, (1 unit). Assistant Professor PECK.
- [114. **ANALYTICAL STUDY OF TESTS OF STRUCTURAL STEEL MEMBERS.**—I, (1 unit). Not given in 1944-1945. Professor WILSON.]

- [120. HIGHWAY TRAFFIC, TRANSPORT, AND SAFETY.—I, (1 unit). Not given in 1944-1945. Professor WILEY.]  
 [125. RAILWAY LOCATION AND OPERATION.—I, (1 unit). Not given in 1944-1945. Professor WILEY.]  
 [130. HYDROLOGY AND FLOOD CONTROL.—I, (1 unit). Not given in 1944-1945.]  
 [131. WATER POWER.—II, (1 unit). Not given in 1944-1945. Professor DOLAND.]  
 [132. WATER RESOURCES PLANNING AND DEVELOPMENT.—II, (1 unit). Not given in 1944-1945. Professor DOLAND.]  
 140. SPECIAL PROBLEMS.—Individual investigations or studies of various phases of civil engineering. S, I, and II, ( $\frac{1}{2}$  to 2 units). Members of the department.  
 198. THESIS.—S, I, and II, (1 to  $2\frac{1}{2}$  units). Members of the department.

## CLASSICS

*Professors:* OLDFATHER (Chairman of the Department), PERRY.

*Associates:* OLIVER.<sup>1</sup>

*Instructors:* KAISER.

*Research Assistants:* JONES.

*Summer of 1944 but not in current year:* Professor K. M. ABBOTT, Dr. THEODORE BEDRICK.

### Undergraduate Major in Greek

*Major:* 20 hours in Greek, excluding Greek 1a-1b, 15, 16, and 17.

*Minors:* 20 hours chosen from not more than two of the following: foreign language (Latin being especially recommended), English literature, history, and philosophy. At least eight hours must be taken in each subject, if two are chosen.

### Undergraduate Major in Latin

*Major:* 20 hours in Latin, excluding Latin 1a-1b, 6, 11a-11b, 13, 20, and including six hours in translation courses for advanced undergraduates and graduates.

*Minors:* 20 hours chosen from not more than two of the following: foreign language (Greek being especially recommended), English literature, history, and philosophy. At least eight hours must be taken in each subject, if two are chosen.

### Undergraduate Major in the Classics

*Major:* 20 hours in Greek and Latin, excluding Greek 1a-1b, 15, 16, 17, and Latin 1a-1b, 6, 9, 11a-11b, 13, 20. At least six hours must be taken in the secondary language and the remaining hours in the primary one.

*Minors:* 20 hours chosen from not more than two of the following: foreign language, English literature, history, and philosophy. At least eight hours must be taken in each subject, if two are chosen.

### Graduate Major in the Classics

*Major:* For the degree of Master of Arts in the Classics, the major may be either Greek or Latin. For the degree of Doctor of Philosophy in the Classics, the major may be either Greek or Latin, but whichever language is taken as a major, the other must be taken as a minor.

## GREEK

### Courses for Undergraduates

NOTE:—Greek 1a-1b is intended for students who can not present Greek for entrance to the University but who desire to begin the study of the language. The normal sequence of the translation courses is Greek 3, 4, 5 or 7, 6 or 8.

*Knowledge of Greek is not required* in courses 15, 16, 17, 18a-18b, 54a-54b, 55. See also Latin 13, 20, 56.

<sup>1</sup>On leave of absence for war service.

- 1a-1b. ELEMENTARY GREEK.—I and II, (4). Professor PERRY.  
 3. SECOND YEAR GREEK.—Plato. I, (3). *Prerequisite:* Greek 1a-1b. Professor PERRY.  
 4. SECOND YEAR GREEK.—Homer, selections from the *Iliad*. II, (3). *Prerequisite:* Greek 3, or equivalent. Professor PERRY.  
 15. GREEK AND ROMAN SPORTS.—Lectures and readings. II, (2). Professor OLDFATHER.  
 16. LIFE OF THE ANCIENT GREEKS.—Lectures and readings. I, (1). *Prerequisite:* Sophomore standing. Dr. KAISER.  
 17. GREEK DRAMA IN ENGLISH TRANSLATION.—II, (2). *Prerequisite:* Sophomore standing. Professor PERRY.

#### Courses for Advanced Undergraduates and Graduates

- [5. HERODOTUS AND THE LYRIC POETS.—I, (3). *Prerequisite:* Greek 4, or equivalent. Not given in 1944-1945. Professor PERRY.]  
 [6. THUCYDIDES AND PLATO.—II, (3). *Prerequisite:* Greek 5, or equivalent. Not given in 1944-1945. Professor PERRY.]  
 [7. GREEK DRAMA.—I, (3). *Prerequisite:* Greek 4, or equivalent. Not given in 1944-1945.]  
 [8. ORATORY AND ARISTOTLE.—II, (3). *Prerequisite:* Greek 5 or 7, or equivalent. Not given in 1944-1945. Professor PERRY.]  
 [18a-18b. GREEK ARCHAEOLOGY.—I and II, (2). *Prerequisite:* Junior standing. Not given in 1944-1945.]  
 54a-54b. COMPARATIVE LITERATURE.—See English 54a-54b.  
 55. HISTORY OF THE ANCIENT GREEK STATES.—Same as History 55. I, (3). *Prerequisite:* One year of college history. Professor OLDFATHER.

#### Courses for Graduates

NOTE:—Students desiring to do graduate work in Greek should have at least three years of college Greek and two years of college Latin, or the equivalent. A reading knowledge of French and German is required. The study of history and philosophy is especially recommended.

- [104a-104b. HOMER.—I and II, (1 unit). Not given in 1944-1945. Professor OLDFATHER.]  
 [105a. ARISTOTLE'S ETHICS.—I, (1 unit). Not given in 1944-1945. Professor OLDFATHER.]  
 [106a. GREEK DRAMA: TRAGEDY.—I, (1 unit). Not given in 1944-1945. Professor PERRY.]  
 [106b. GREEK DRAMA: COMEDY.—II, (1 unit). Not given in 1944-1945. Professor PERRY.]  
 [108. HERODOTUS.—The great battles of the Persian War and the reliability of the account. I, (1 to 1½ units). Not given in 1944-1945.]  
 110a-110b. BIBLIOGRAPHY AND CRITICISM.—Thesis course. Same as Latin 110a-110b. Continuous through I and II, (1 unit). Professors OLDFATHER and PERRY.  
 120. THEOCRITUS.—I, (1 unit). Professor PERRY.  
 [121. THUCYDIDES.—II, (1 to 1½ units). Not given in 1944-1945. Professor PERRY.]  
 [122. LUCIAN AND HIS AGE.—II, (1 unit). Not given in 1944-1945. Professor PERRY.]  
 [125. PLATO.—I, (1 unit). Not given in 1944-1945.]

### LATIN

#### Courses for Undergraduates

NOTE:—Students who can not present Latin for entrance to the University register for Latin 11a-11b. Those who have had but two years of Latin in high school should register for Latin 6; those who have had three years, for Latin 1a-1b; those who have had four years, for Latin 12a-12b. It is recommended that Latin 5a-5b be taken in conjunction with Latin 6 or 1a-1b.

*Knowledge of Latin is not required in courses 13, 20, 54a-54b, 56.*

*See also Greek 15, 16, 17, 18a-18b, 55.*

- 1a. OVID.—S, (2 or 4); I, (4). *Prerequisite:* Two or three entrance units in Latin, or Latin 11b, or Latin 6. Dr. BEDRICK.  
 [1b. VERGIL.—II, (4). *Prerequisite:* Two or three entrance units in Latin, or Latin 1a. Not given in 1944-1945.]



- [S1. CAESAR.—Intended primarily to meet the needs of teachers of Latin. S, (2). Not given in 1944.]
- [3. LUCRETIUS AND HORACE (*Odes*).—I, (3). *Prerequisite*: Latin 12a-12b, or equivalent. Not given in 1944-1945.]
- [4. HORACE (*Satires*) AND VERGIL (*Eclogues* and *Georgics*).—II, (3). *Prerequisite*: Latin 12a-12b, or equivalent. Not given in 1944-1945.]
- 5a-5b. LATIN COMPOSITION.—Grammatical drill and practice in the simpler forms of expression. Required of those receiving the recommendation of the department as teachers. Continuous through I and II, (2). *Prerequisite*: Three entrance units in Latin, or registration in Latin 6. Dr. KAISER.
- [6. CICERO.—I, (4). *Prerequisite*: Two entrance units in Latin, or Latin 11a-11b. Not given in 1944-1945.]
9. TEACHERS' COURSE.—Required of those receiving the recommendation of the department as teachers. S, (2). *Prerequisite*: Twelve hours of Latin acceptable for a major.
- 11a-11b. ELEMENTARY LATIN.—Continuous through I and II, (4). Seniors receive only three hours credit. Dr. KAISER.
- 12a. PLAUTUS, TERENCE, CATULLUS.—I, (4). *Prerequisite*: Four entrance units in Latin, or Latin 1a-1b. Dr. KAISER.
- [12b. SALLUST AND CICERO (*De Senectute*).—II, (4). *Prerequisite*: Four entrance units in Latin, or Latin 1a-1b. Not given in 1944-1945.]
13. ROMAN PRIVATE LIFE.—Social organization, marriage, education, amusements. Lectures (illustrated) and readings. S and II, (1). *Prerequisite*: Sophomore standing. Dr. KAISER.
20. MYTHOLOGY OF GREECE AND ROME.—Lectures and readings. I, (2). *Prerequisite*: Sophomore standing. Professor PERRY.
- [28. CLASSICAL ARCHAEOLOGY.—S, (1). Not given in 1944-1945.]

#### Courses for Advanced Undergraduates

- 30a-30b. HONORS COURSE.—Thesis or a special course of study approved by the department. S, and continuous through I and II, (2). *Prerequisite*: Senior standing; fourteen hours of Latin acceptable for a major. Professor OLDFATHER.

#### Courses for Advanced Undergraduates and Graduates

10. LATIN COMPOSITION.—Required of those receiving the recommendation of the department as teachers. II, (2). *Prerequisite*: Twelve hours of Latin acceptable for a major, including Latin 5a-5b or equivalent. Professor PERRY.
- [21. TACITUS (*Annales*) AND JUVENAL.—I, (3). *Prerequisite*: Twelve hours of Latin acceptable for a major. Not given in 1944-1945.]
22. MARTIAL, SUETONIUS, AND APULEIUS.—II, (3). *Prerequisite*: Twelve hours of Latin acceptable for a major. Dr. KAISER.
- [23. LIVY, TIBULLUS, AND PROPERTIUS.—I, (3). *Prerequisite*: Twelve hours of Latin acceptable for a major. Not given in 1944-1945.]
- [24. OVID (*Elegy*) AND SENECA (*Epistles* and *Tragedies*).—II, (3). *Prerequisite*: Twelve hours of Latin acceptable for a major. Not given in 1944-1945.]
- 54a-54b. COMPARATIVE LITERATURE.—See English 54a-54b.
56. HISTORY OF THE ROMAN REPUBLIC.—Same as History 56. II, (3). *Prerequisite*: Junior standing; one year of college history. Professor OLDFATHER.

#### Courses for Graduates

NOTE:—Students desiring to do graduate work in Latin should have at least three years of college Latin or the equivalent. A reading knowledge of French and German is important. Some acquaintance with Greek is desirable, and the study of history and philosophy is especially recommended.

- [101. LATIN EPIGRAM.—I, (1 unit). Not given in 1944-1945.]
- S101. INTRODUCTION TO THE HISTORY OF THE LATIN LANGUAGE.—S, (1 unit). Professor ABBOTT.
- [102. ROMAN ORATORY.—II, (1 unit). Not given in 1944-1945.]
104. PALAEOGRAPHY.—I, (1 unit). Professor OLDFATHER.

- [106. TERENCE.—I, (1 unit). Not given in 1944-1945. Professor OLDFATHER.]  
 [107. LATIN EPIGRAPHY.—II, (1 unit). Not given in 1944-1945.]  
 [109. VERGIL.—I, (1 unit). Not given in 1944-1945. Professor OLDFATHER.]  
 110a-110b. BIBLIOGRAPHY AND CRITICISM.—Thesis course. Same as Greek 110a-110b. S, and continuous through I and II, (1 unit). Professor OLDFATHER.  
 [113. PLAUTUS.—I, (1 unit). Not given in 1944-1945.]  
 [114. CAESAR.—II, (1 unit). Not given in 1944-1945. Professor OLDFATHER.]  
 [115. LATIN ELEGY.—II, (1 unit). Not given in 1944-1945.]  
 [116. LATIN SATIRE.—I, (1 unit). Not given in 1944-1945.]  
 [117. LUCRETIUS.—S, (1 unit). Not given in 1944-1945. Professor PERRY.]  
 [118. LATIN ROMANCE.—S, (1 unit). Not given in 1944-1945. Professor PERRY.]  
 119. SUETONIUS.—II, (1 unit). Professor OLDFATHER.  
 150. CICERO'S LETTERS.—S, (1 unit). Professor ABBOTT.  
 [151. ANNALES OF TACITUS.—II, (1 unit). Not given in 1944-1945.]

### DAIRY HUSBANDRY

*Professors:* RUEHE<sup>1</sup> (Head of the Department), FRASER<sup>2</sup> (Emeritus), GAINES, PRUCHA (Emeritus), YAPP, NEVENS, TRACY, OVERMAN, HUSSONG, HERREID.

*Assistant Professors:* TUCKEY.<sup>2</sup>

*Associates:* KUHLMAN,<sup>2</sup> ORMISTON,<sup>2</sup> ALEXANDER, HETRICK, MENEFFEE, KENDALL.

*Instructors:* SHEURING.<sup>2</sup>

*Assistants:* HARSHBARGER.<sup>2</sup>

### Courses for Undergraduates

- [1. CHEMICAL CONTROL METHODS FOR DAIRY PLANTS.—I, (3). *Prerequisite:* Dairy Husbandry 24b, or sophomore standing. Not given in 1944-1945. Professor OVERMAN, Mr. MENEFFEE.]  
 2a. DAIRY CATTLE BREEDING AND FEEDING.—Lectures, recitations, and problems. S and II, (3). *Prerequisite:* Dairy Husbandry 24a, or junior standing. Professors YAPP and NEVENS.  
 [2b. DAIRY CATTLE JUDGING.—II, (2). *Prerequisite:* Dairy Husbandry 24a, or junior standing. Not given in 1944-1945. Professor YAPP.]  
 [†4. ICE CREAM MANUFACTURE.—I, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1944-1945. Professor TRACY, Mr. HETRICK.]  
 [†7. CREAMERY BUTTERMILKING AND FACTORY MANAGEMENT.—II, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1944-1945.]  
 [†8. FLUID MILK PLANT OPERATIONS.—II, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1944-1945. Professor TRACY.]  
 [†9. DAIRY PRODUCTS JUDGING.—I, (2). *Prerequisite:* Dairy Husbandry 24b. Not given in 1944-1945. Professor TRACY.]  
 [11. GENERAL DAIRY BACTERIOLOGY.—Milk sanitation. II, (2). *Prerequisite:* Sophomore standing, or consent of instructor. Not given in 1944-1945. Professor HUSSONG.]  
 [12. GENERAL DAIRY BACTERIOLOGY.—Contamination and control. II, (2). *Prerequisite:* Dairy Husbandry 11, or registration therein. Not given in 1944-1945. Professor HUSSONG.]  
 [†14. MILK CONDENSING.—II, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1944-1945. Professor TRACY.]  
 [†22. CHEESE MANUFACTURE.—I, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1944-1945. Professor TRACY.]  
 24a. ELEMENTARY DAIRY PRODUCTION.—Survey of the industry; breeds of dairy cattle; selection, feeding, and management of herds. Lecture, quiz, and laboratory. I,

<sup>1</sup>On leave of absence for the year.      <sup>2</sup>On leave of absence for war service.

<sup>3</sup>Deceased April 16, 1945.

†All students specializing in dairy manufactures are expected to make an inspection trip in either the junior or senior year. The trip covers dairy manufacturing plants and wholesale markets. Expenses are about \$15.

- (3). Juniors and seniors receive only two hours credit. Professor NEVENS, Mr. KENDALL.
- [24b. ELEMENTARY TESTING AND MANUFACTURE OF DAIRY PRODUCTS.—II, (3). Juniors and seniors receive only two hours credit. Not given in 1944-1945. Professor TRACY.]
27. SPECIAL PROBLEMS.—I and II, (5). *Prerequisite:* Senior standing; approval of head of department, Members of the department.
- [33. DAIRY PRODUCTION.—For students specializing in the teaching of vocational agriculture. I, (2). *Prerequisite:* Dairy Husbandry 24a; junior standing. Not given in 1944-1945. Professor YAPP, Mr. KENDALL.]

#### Courses for Advanced Undergraduates and Graduates

- [5. COMPOSITION OF DAIRY PRODUCTS.—II, (3). *Prerequisite:* Chemistry 32; junior standing. Not given in 1944-1945. Professor OVERMAN.]
10. ADVANCED DAIRY BACTERIOLOGY.—Bacterial flora of milk and milk products. I, (4). *Prerequisite:* Bacteriology 5a and 5b; junior standing. Professor HUSSONG.
- [17. ADVANCED STUDY OF DAIRY BREEDS.—I, (3). *Prerequisite:* Dairy Husbandry 2a; junior standing. Not given in 1944-1945. Professor YAPP.]
20. PROBLEMS IN DAIRY FARMING.—Dairy farm management, including field and building arrangement, cropping systems, herd management, sanitary milk production, and farm marketing problems. Recitations, problems, assigned readings. I, (3). *Prerequisite:* Junior standing. Professor YAPP.
- [25. ADVANCED STUDY OF DAIRY CATTLE FEEDING.—I, (2). *Prerequisite:* Dairy Husbandry 2a; junior standing. Not given in 1944-1945. Professor NEVENS.]
- [30. ADVANCED DAIRY MANUFACTURES.—II, (3). *Prerequisite:* Dairy Husbandry 1, 11, 12, 4, 8, 14; senior standing. Not given in 1944-1945. Professor TRACY.]
- [31. ADVANCED DAIRY MANUFACTURES.—I, (3). *Prerequisite:* Dairy Husbandry 1, 7, 11, 12, 22 or equivalent; senior standing. Not given in 1944-1945.]
- [32. PLANT MANAGEMENT.—I, (3). *Prerequisite:* Senior standing; consent of instructor. Not given in 1944-1945. Professor TRACY.]

#### Courses for Graduates

NOTE:—Candidates for advanced degrees in dairy husbandry must have had adequate undergraduate training in dairy husbandry and should have had courses in the following subjects, depending on the field of specialization: bacteriology, chemistry, economics, genetics, mathematics, physics, and zoology.

Dairy husbandry may be elected as a major subject for the M.S. or Ph.D. degree. For either degree, a first minor must be taken outside the department, preferably outside the college; if a second minor is elected, it may be chosen in the department.

- [101. ECONOMIC MILK PRODUCTION.—I and II, ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945. Professor YAPP.]
105. DAIRY MANUFACTURES.—S, I, and II, ( $\frac{1}{2}$  to 2 units). Professor TRACY.
106. DAIRY BACTERIOLOGY.—Assigned problems. S and II, ( $\frac{1}{2}$  to 2 units). Professor HUSSONG.
- [107. DAIRY CHEMISTRY.—Assigned problems. I and II, ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945. Professor OVERMAN.]
- [108. PHYSIOLOGY OF LACTATION.—I, ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945. Professor GAINES.]
112. RESEARCH.—S, I, and II, (1 to 4 units). Graduate students writing a thesis should so indicate when registering. Work may be taken in the following subjects:
- (a) DAIRY BACTERIOLOGY.—Professor HUSSONG.
  - (b) DAIRY CHEMISTRY.—Professor OVERMAN.
  - (c) DAIRY CATTLE BREEDING.—Professor YAPP.
  - (d) DAIRY CATTLE FEEDING.—Professor NEVENS.
  - (e) DAIRY PRODUCTION.—Professor GAINES.
  - (f) DAIRY MANUFACTURES.—Professor TRACY.
- [113. SEMINAR.—Current literature in dairy bacteriology, dairy chemistry, and dairy manufactures. I and II, ( $\frac{1}{2}$  unit). Not given in 1944-1945. Members of graduate staff.]
- [114. SEMINAR.—Current literature relating to various phases of milk production. I and II, ( $\frac{1}{2}$  unit). Not given in 1944-1945. Professors GAINES, YAPP, and NEVENS.]

## DIVISION OF GENERAL STUDIES (L.A.S.)

*Professors:* BAKER, GOTSHALK.

*Associate Professors:* WANLESS, HERRICK (in charge).

*Assistant Professors:* TEMPLEMAN, WYND, HAGAN, WILL, MORRELL, FISCHER.

*Associates:* KUGLER, SHATTUCK, MATHEWS, SHOEMAKER, SIRICH.

*Instructors:* HOUTCHENS, CORLETT, HOLADAY, REAVER.

*Assistants:* MATHIS, PARMETER, SCOUFFAS, BUNCH, MAGILL, WELTIN, JANTZEN, BENNETT, CAMP.<sup>1</sup>

## Courses for Undergraduates

- 1a-1b. VERBAL EXPRESSION.—Oral and written communication. S (1a only), I, and II, (4). Assistant Professor TEMPLEMAN, Dr. SHATTUCK, Dr. MATHEWS, Dr. HOUTCHENS, Dr. HOLADAY, Dr. REAVER, Mr. SCOUFFAS, Miss JANTZEN, Mr. MAGILL.
- 2a-2b. HISTORY OF CIVILIZATION.—Survey of the social, economic, political, and intellectual life of the Western World from the earliest times to the present. S (2a only), I, and II, (4). Dr. SIRICH, Dr. CORLETT, Miss BUNCH, Mr. WELTIN.
- 3a-3b. GENERAL BIOLOGY.—Introduction to the biological sciences, their aims, content, and methods, with especial reference to their application to human life and civilization. S (3a only), I, and II, (4). Assistant Professor WYND, Dr. KUGLER, Dr. SHOEMAKER, Mr. BENNETT.
- 4a-4b. PHYSICAL SCIENCE.—Survey of the sciences of astronomy, physics, chemistry, and geology; their importance in a scientific age and their influence on modern life. S (4a only), I, and II, (4). Professor BAKER, Associate Professor WANLESS, Assistant Professor MORRELL.
- 5a-5b. SOCIAL SCIENCE.—Organization of the major social groups in which an individual in contemporary America finds himself involved; resources; social relations; institutions and institutional change; dominant contemporary issues. I and II, (4). Assistant Professor HAGAN.
- 6a-6b. LITERATURE AND FINE ARTS.—Introduction to the general principles of art by analysis of selected works of literature, music, painting, sculpture, and architecture. I and II, (4). Professor GOTSHALK, Associate Professor HERRICK.
- 7a-7b. PSYCHOLOGY AND PHILOSOPHY.—Investigation of the essential elements of action; analysis of the individual's capacities to think and to act; discussion of a pattern for integrating the fields of knowledge. I and II, (4). Assistant Professors WILL and FISCHER.

## ECONOMICS

*Professors:* HUNTER (Head of the Department), KINLEY<sup>2</sup> (Emeritus), ROBINSON (Emeritus), BOGART (Emeritus), THOMPSON (Emeritus), LITMAN (Emeritus), LEE, BELL, BROWN, GRAY, LOCKLIN.

*Associate Professors:* DICKINSON, NEISWANGER,<sup>3</sup> ALLEN,<sup>3</sup> BLODGETT.

*Assistant Professors:* GREEN,<sup>3</sup> NOLEN, KEMMERER, McNATT,<sup>3</sup> ROBB, RUGGLES,<sup>3</sup> VAN ARSDELL.<sup>3</sup>

*Associates:* HOOVER (Emeritus), HAWORTH, WESTON, BECKETT, HAMMOND,<sup>4</sup> McCONNELL.<sup>3</sup>

*Assistants:* GRODSKI.

*Cooperating:* Professor F. A. RUSSELL.

## Requirements for L.A.S. Students

*Major:* For students in the College of Liberal Arts and Sciences, 20 hours made up of Economics 1 and other courses in economics for which it is a prerequisite.

*Minors:* 20 hours in any one or two of the following subjects: geography, geology, history, mathematics, philosophy, political science, psychology, social welfare administration, and sociology. At least eight hours must be taken in each subject, if two are chosen. The curriculum on international affairs will be accepted as a minor.

<sup>1</sup>Second semester.

<sup>3</sup>On leave of absence for war service.

<sup>2</sup>Deceased December 3, 1944.

<sup>4</sup>On leave of absence until January 26, 1945.

### Courses for Undergraduates

NOTE:—Economics 1 is the fundamental course in economics and is prerequisite for most of the advanced courses. Students expecting to do advanced work in economics should take Economics 1 in their sophomore year.

Economics 2, though open to all students who have had one year of University work, is primarily for students in the Colleges of Agriculture and Engineering and in courses in home economics, chemistry, and other sciences. It may not be used as a prerequisite for advanced courses in economics except as indicated.

1. PRINCIPLES OF ECONOMICS.—Value, price, money, exchange, distribution, consumption, and other fundamental concepts. S, I, and II, (5). *Prerequisite:* One year of university work. Professor HUNTER and others.
- †BA1. PRINCIPLES OF ECONOMICS.—Value, price, money, exchange, distribution, consumption, and other fundamental concepts. S, I, and II, (3). Professor HUNTER, Dr. WESTON.
2. ELEMENTS OF ECONOMICS.—A briefer presentation of the matter covered in Economics 1. For non-commerce students. S, I, and II, (3). *Prerequisite:* One year of university work. Associate Professor BLODGETT and others.
- †BA2. PROBLEMS OF ECONOMICS.—Banking, business cycles, transportation, agriculture, public expenditures and revenues, and relation of government to industry. S, I, and II, (3). *Prerequisite:* Economics BA1. Dr. HAMMOND, Dr. WESTON.
22. ECONOMIC HISTORY OF THE UNITED STATES.—Explorations and settlements; colonization; growth of industry, agriculture, commerce, transportation, and labor. Open to freshmen only. S and I, (3). Assistant Professor KEMMERER and others.
27. INTRODUCTION TO BUSINESS.—Survey of principles and practices, from the point of view of the business manager. Open to freshmen who have had one semester of university work. I and II, (3). Professor RUSSELL and others.
70. ELEMENTS OF STATISTICS.—Methods of collection, presentation, and interpretation of quantitative economic data; averages, dispersion, index numbers, time series analysis, and simple correlation. S, I, and II, (3). *Prerequisite:* Economics 1 or 2; sophomore standing. Dr. HAWORTH and others.

### Courses for Advanced Undergraduates

- [35. CORPORATION FINANCE.—For non-commerce students. I, (3). *Prerequisite:* Economics 1 or 2. Not given in 1944-1945. Professor GRAY.]
- 90a-90b. HONORS COURSE.—Senior candidates for graduation with honors or high honors should elect one or the other of the following options: Option A—an acceptable thesis in economics. Option B—a comprehensive examination, six hours in length, covering a review of various aspects of economics. I and II, (2 to 4). Professor LEE and others.
- 91a-91b. INDEPENDENT STUDY.—Seniors registered in the College of Commerce and Business Administration who were awarded class or college honors in their junior year may do independent study for a total of not more than ten semester hours in this department or sixteen semester hours if divided between this department and any other department. S (91a only), I, and II, (3 to 5). Professor LEE and others.

### Courses for Advanced Undergraduates and Graduates

NOTE:—Courses in economics may be grouped in several rather distinct fields in which students may find it profitable to concentrate in their junior and senior years. The following fields are suggested: economic theory, history, and statistics; public and private finance, including insurance; labor; foreign trade; public utilities and transportation.

3. MONEY, CREDIT, AND BANKING.—S, I, and II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor NOLEN and others; (S, Professor LEE, Dr. HAWORTH).
- [5. FINANCIAL HISTORY OF THE UNITED STATES.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Assistant Professor NOLEN.]
- [6. PRINCIPLES AND PRACTICES OF INVESTMENT BANKING.—I, (3). *Prerequisite:* Economics 3. Not given in 1944-1945. Professor LEE.]

†Navy College Training Program course, open to engineering students.

- [8. MONEY, PRICES, AND FOREIGN EXCHANGES.—II, (3). *Prerequisite:* Economics 3; junior standing. Not given in 1944-1945. Assistant Professor NOLEN.]
9. COMPARATIVE BANKING SYSTEMS AND PRACTICES.—Banking practice in the United States. II, (3). *Prerequisite:* Economics 3; junior standing. Professor LEE.
10. CORPORATION FINANCE AND MANAGEMENT.—Corporations, their promotion and organization; capital and capitalization; working capital and income administration; operating and dividend policy; expansion, reorganization, and consolidation. I and II, (3). *Prerequisite:* Economics 1; Accountancy 1a and 1b; junior standing. Professor BROWN.
11. INDUSTRIAL CONSOLIDATION.—Growth of monopoly; monopoly prices and methods; effect of trusts on prices, wages, interest, and profits of monopolies; control of trusts. II, (3). *Prerequisite:* Economics 10. Professor BROWN and others.
15. ECONOMICS OF CONSUMPTION.—Economic theory as applied to consumption; analysis of consumer problems; relation of consumption to the social order. II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Dr. WESTON.
19. ECONOMIC DEVELOPMENT OF THE UNITED STATES BEFORE 1860.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor KEMMERER.
20. ECONOMIC DEVELOPMENT OF THE UNITED STATES SINCE 1860.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor KEMMERER.
23. CURRENT ECONOMIC PROBLEMS (NATIONAL AND INTERNATIONAL).—A survey of the important economic problems arising from the prosecution of the war such as the role of money and banking, methods of finance, priorities, price control, labor, transportation, and international trade. S, I, and II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Dr. BECKETT and others; (S, Associate Professor BLODGETT, Assistant Professor NOLEN).
- [24. ECONOMIC DEVELOPMENT OF MODERN EUROPE, I.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Dr. HAMMOND.]
- [25. ECONOMIC DEVELOPMENT OF MODERN EUROPE, II.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Dr. HAMMOND.]
29. FOREIGN COMMERCE AND COMMERCIAL POLICIES.—International trade relations and attempts to solve them; changes in theories and in policies; customs tariffs, commercial treaties, export trade. S and II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Dr. BECKETT.
- [30. WORLD MARKETS.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945.]
31. ORGANIZATION OF INTERNATIONAL COMMERCE.—Exporting and importing; foreign trade-promoting institutions; financing shipments. I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Dr. BECKETT.
36. INVESTMENTS.—Nature of saving, investment, and speculation; forms of investment; institutions for facilitating investment. II, (3). *Prerequisite:* Economics 10; senior standing. Professor BROWN.
- [39. ECONOMICS OF SOCIAL SECURITY.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Assistant Professor McNATT.]
- [40. LABOR AND THE LAW.—II, (3). *Prerequisite:* Economics 41. Not given in 1944-1945. Assistant Professor McNATT.]
41. LABOR PROBLEMS.—Economic, legal, and social position of the wage-earner; risks and uncertainties of the worker; problems involved in marketing his labor. S, I, and II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor NOLEN and others; (S, Assistant Professor ROBB).
- [42. TRADE UNIONISM.—II, (3). *Prerequisite:* Economics 41; junior standing. Not given in 1944-1945. Assistant Professor McNATT.]
43. PERSONNEL ADMINISTRATION.—Management and the problems of labor administration; job analysis; labor turnover; selection, training, promotion, transfer, and dismissal of workers; wage systems and financial incentives; industrial accidents; employee representation plans; collective bargaining and recent legislation. S, I, and II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor ROBB.
44. COMPARATIVE ECONOMIC SYSTEMS.—Economics of capitalism, socialism, communism, and fascism. I and II, (3). *Prerequisite:* Economics 1 or 2; senior standing. Associate Professor BLODGETT.
51. PUBLIC FINANCE.—Public expenditures, financial administration, taxation, public debts. S and I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor HUNTER.

- [52. STATE AND LOCAL FINANCES OF ILLINOIS.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Associate Professor ALLEN.]
54. ECONOMICS OF INSURANCE.—An analysis of the economic principles which underlie insurance. I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Associate Professor DICKINSON.
- [55. LIFE INSURANCE.—II, (3). *Prerequisite:* Economics 54. Not given in 1944-1945. Associate Professor DICKINSON.]
- [56. PROPERTY INSURANCE.—II, (3). *Prerequisite:* Economics 54. Not given in 1944-1945. Associate Professor DICKINSON.]
61. ECONOMIC THEORY.—Leading economic theories, particularly value and distribution. I, (3). *Prerequisite:* Economics 1 or 2; senior standing. Professor BROWN.
62. HISTORY OF ECONOMIC THOUGHT.—A survey of the principles advocated by the different schools of economic thought. II, (3). *Prerequisite:* Economics 1 or 2; senior standing. Professor BELL.
65. SOCIAL CONTROL OF BUSINESS.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor GRAY.
71. BUSINESS STATISTICS.—Analysis of business data through the use of statistical methods. The normal curve and sampling; construction and use of special purpose index numbers; analysis of changing seasonal factors; curvilinear trend analysis; multiple and partial correlation, with special reference to market analysis. I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Dr. HAWORTH.
72. BUSINESS BAROMETRICS.—Analysis of types of variation in individual industry series and the economy as a whole; use of various indicators of economic conditions. II, (3). *Prerequisite:* Economics 70 and 71. Dr. HAWORTH.
81. PRINCIPLES OF PUBLIC UTILITIES.—Historical development of public utility industries; legal status; economic characteristics; production and utilization of service; rates, services, finance, and regulation. II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor GRAY.
- [82. REGULATION OF PUBLIC UTILITIES.—II, (3). *Prerequisite:* Economics 1 or 2, and 81. Not given in 1944-1945. Professor GRAY.]
- [83. PUBLIC UTILITY RATES.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Professor GRAY.]
92. ECONOMICS OF TRANSPORTATION.—Economics of the railroad industry and of other transportation agencies; problems of regulation. II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor LOCKLIN.
- [93. INDUSTRIAL TRAFFIC MANAGEMENT.—II, (3). *Prerequisite:* Economics 92 or registration therein. Not given in 1944-1945.]
95. ECONOMIC PROBLEMS OF AIR TRANSPORTATION.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor LOCKLIN.
- [96. CURRENT TRANSPORTATION PROBLEMS.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1944-1945. Professor LOCKLIN.]

### Courses for Graduates

NOTE:—Students who wish to make economics their major subject for an advanced degree must have had at least 27 hours of undergraduate work in social science, 15 of which must have been in economics; the work in economics must include a course in principles of economics, a course in statistics, and other courses for which the course in principles is a prerequisite. Students in other departments who wish to take a minor in economics must have had at least twelve hours in social science, eight hours of which must have been in economics, consisting of a course in principles of economics and other courses for which the course in principles is a prerequisite. Students who can not meet these requirements may register for graduate work but, unless specially exempted for reasons satisfactory to the adviser in charge, must remove any deficiencies during the first year of residence by taking prescribed courses without graduate credit.

A first-year student whose major is economics must take either Economics 101 or 103 throughout the year. If a minor is taken outside the department, two units of work will ordinarily be required. Undergraduate courses that are approved for graduate credit may be taken in lieu of graduate courses but not to exceed a total credit of two units.

A student who wishes to become a candidate for the Ph.D. degree with a major in economics must pass a preliminary examination showing: (1) a detailed knowledge

of economic theory and its history; (2) a detailed knowledge of certain special fields of economics or allied fields, the number and selection of which is to be determined by the adviser in consultation with the student; and (3) a general acquaintance with the subject matter and bibliography of other branches of economics. In the work offered in some related field outside the department the student will be expected to satisfy the examiners as to his proficiency in that subject.

A student who chooses economics as a minor for the Ph.D. degree must take at least two units of work in this department.

101. ECONOMIC THEORY.—For students whose minor is economics and other students who have had only the minimum preparation for graduate study in economics. I and II, (1 unit). Associate Professor BLODGETT.
- [102. MONETARY THEORY AND HISTORY.—I and II, (1 unit). Not given in 1944-1945. Assistant Professor NOLEN.]
- [103. ECONOMIC THEORY.—For students whose major is economics and others who have had a thorough training in economics. I, (1 unit). Not given in 1944-1945. Associate Professor BLODGETT.]
- [104a. THEORIES AND POLICIES OF INTERNATIONAL COMMERCE.—I, (1 unit). Not given in 1944-1945.]
- [104b. THEORIES AND POLICIES OF INTERNATIONAL TRADE.—II, (1 unit). Not given in 1944-1945.]
105. PUBLIC FINANCE.—I and II, (1 unit). Professor HUNTER.
- [109. THEORY AND PRACTICE OF CENTRAL BANKS.—I and II, (1 unit). Not given in 1944-1945. Professor LEE.]
110. CORPORATION FINANCE.—I and II, (1 unit). Professor BROWN.
112. LABOR ECONOMICS.—II, (1 unit). Assistant Professor NOLEN.
118. SEMINAR.—Required of all graduate students writing theses in economics; optional for other students. S, I, and II, ( $\frac{1}{2}$  to 4 units). Associate Professor BLODGETT.
120. HISTORY OF ECONOMIC THOUGHT.—Evolution of economic thought from early times to the present. I and II, (1 unit). Professor BELL.
- [122. ECONOMIC HISTORY OF THE UNITED STATES.—I and II, (1 unit). Not given in 1944-1945. Assistant Professor KEMMERER.]
123. INDUSTRIAL AND FINANCIAL ORGANIZATION OF SOCIETY.—II, (1 unit). Professor LEE.
- [124. INTERNATIONAL ECONOMICS AND FINANCE.—I, (1 unit). Not given in 1944-1945. Associate Professor ALLEN.]
- [127. CONTEMPORARY ECONOMIC PROBLEMS AND LITERATURE.—S, (1 unit). Not given in 1944-1945.]
- [136. INVESTMENTS.—I and II, (1 unit). Not given in 1944-1945. Professor BROWN.]
- [140. COMPARATIVE ECONOMIC SYSTEMS.—I, (1 unit). Not given in 1944-1945. Associate Professor BLODGETT.]
- [144. THEORY AND MEASUREMENT OF BUSINESS CYCLES.—I and II, (1 unit). Not given in 1944-1945. Associate Professor DICKINSON.]
- [165. SOCIAL CONTROL OF BUSINESS.—I and II, (1 unit). Not given in 1944-1945. Professor GRAY.]
- [170. ECONOMIC STATISTICS.—I and II, (1 unit). Not given in 1944-1945.]
- [180. ECONOMICS OF PUBLIC UTILITIES.—I and II, (1 unit). Not given in 1944-1945. Professor GRAY.]
- [192. ECONOMICS OF TRANSPORTATION.—I and II, (1 unit). Not given in 1944-1945. Professor LOCKLIN.]

## EDUCATION

(Including Agricultural and Industrial Education)

*Professors:* BENNER (Dean), MONROE, CLEMENT (Emeritus), SEYBOLT, MAYS, GRIFFITH, REEDER, HAMLIN, WEBER.

*Associate Professors:* NOLAN (Emeritus), ODELL, SMITH, POTTHOFF, DODGE, BROWNE, SANFORD, BENNE,<sup>1</sup> WALSH.

*Assistant Professors:* JOHNSTON, DOLCH, REAGAN, HABBERTON,<sup>1</sup> FINCH, HARNISH, HUMBLE,<sup>1</sup> LAWSON, MCHARRY, WILLIAMS, ANDERSON, LAMBERT, BLAIR, KITCHELL, SCHULTZ,<sup>1</sup> STANLEY (Visiting), HARTLEY, SHORES.<sup>1</sup>

<sup>1</sup>On leave of absence for war service



*Associates:* ROBINSON, BRAUCHER (Emeritus), KETTELKAMP, HASTINGS, ANDREWS,<sup>1</sup> BODENBACH, KUHN, WEISS.

*Lecturers:* JENSEN.<sup>2</sup>

*Instructors:* HAGAN, KOUNIN,<sup>1</sup> FUZAK, ENGLE, JOHNSON, WILKES, POGUE, THOMPSON.

*Teachers in University High School*—C. M. ALLEN (Principal), HOWD,<sup>1</sup> WILSON,<sup>3</sup> CHANGNON, TERRY,<sup>1</sup> SKINNER,<sup>1</sup> ZICKGRAF, GOESSLING,<sup>1</sup> HINES, SWINDELL, GOURLEY, IBALL, R. M. ALLEN, BAUM, BIRDZELL, GRIBANOVSKY, TURNELL, MCGREW.

*Cooperating:* Professors C. E. PALMER, G. B. WEISIGER, and F. W. ZNANIECKI.

*Summer of 1944 but not in current year:* MARION C. CARSWELL, J. F. KARBER, J. C. DELAURENTI, EDNA L. OLSON, GENEVIEVE BOWEN, Mrs. LEOTA L. JANKE.

### Introductory Courses

1. THE AMERICAN PUBLIC SCHOOL.—Introduction to the study of education. Required of all students who apply for the teacher's certificate in Illinois after September 1, 1945. S, I, and II, (3). *Prerequisite:* Sophomore standing. Dean BENNER, Professors REEDER and WEBER, Associate Professor ODELL, Assistant Professor ANDERSON, Mr. THOMPSON.
25. EDUCATIONAL PSYCHOLOGY.—S, I, and II, (3). *Prerequisite:* Psychology 1 and a psychological test. Assistant Professors FINCH, BLAIR, and STANLEY; (S, Assistant Professors DOLCH and WILLIAMS).

### Courses for Advanced Undergraduates

2. HISTORY OF EDUCATION.—A general survey. I and II, (3). *Prerequisite:* Junior standing. Professor SEYBOLT.
5. COMPARATIVE EDUCATION.—I and II, (3). *Prerequisite:* Junior standing. Assistant Professor JOHNSTON.
- 6a. PRINCIPLES OF ELEMENTARY EDUCATION.—S, I, and II, (3). *Prerequisite:* Education 25. Professor REEDER; (S, Assistant Professors DOLCH and WILLIAMS).
- 6b. PRINCIPLES OF SECONDARY EDUCATION.—S, I, and II, (3). *Prerequisite:* Education 25. Professor WEBER, Assistant Professors JOHNSTON and ANDERSON; (S, Assistant Professors DOLCH and WILLIAMS).
- 10a. TECHNIC OF TEACHING IN THE ELEMENTARY SCHOOL.—S, I, and II, (3). *Prerequisite:* Education 25 and 6a; concurrent registration in Educational Practice 25. Mr. WILKES; (S, Assistant Professor DOLCH).
- 10b. TECHNIC OF TEACHING IN THE SECONDARY SCHOOL.—S, I, and II, (3). *Prerequisite:* Education 6 and concurrent registration in Educational Practice. Students concurrently registered in Educational Practice 8, 11, 11a, 15, 27, 29, or 32 receive four hours credit. Assistant Professors HARNISH, LAWSON, MCHARRY, KITCHELL, and HARTLEY, Dr. KETTELKAMP, Mrs. HAGAN, Miss BODENBACH, Mr. ENGLE, Mr. JOHNSON; (S, Assistant Professor DOLCH).

### Courses in Educational Practice

The following courses in practice teaching are given in both semesters and are open to seniors in the University who have credit for Education 6. A scholastic average of 3.5 is required for admission to these courses.

- |  |                                    |
|--|------------------------------------|
| 1. PHYSICAL EDUCATION FOR MEN.—(2 to 4). | 11. ENGLISH.—(5).                  |
| 2. PHYSICAL EDUCATION FOR MEN.—(2 to 4). | 11a. SPEECH.—(5).                  |
| 3. PHYSICAL EDUCATION FOR WOMEN.—(3).    | 12. FRENCH.—(5).                   |
| 4. PHYSICAL EDUCATION FOR WOMEN.—(3).    | 13. GENERAL SCIENCE.—(5).          |
| 5. AGRICULTURAL EDUCATION.—(3 to 5).     | 14. HOME ECONOMICS EDUCATION.—(5). |
| 6. BIOLOGY.—(5).                         | 15. HISTORY.—(5).                  |
| 7. CHEMISTRY.—(5).                       | 16. INDUSTRIAL EDUCATION.—(5).     |
| 8. CIVICS.—(5).                          | 17. LATIN.—(5).                    |
| 9. DRAWING, ART.—(5).                    | 19. MATHEMATICS.—(5).              |
| 10. DRAWING, MECHANICAL.—(5).            | 20a-20b. MUSIC.—(2 to 5).          |

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>First semester. <sup>3</sup>On leave of absence for the year.

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|---------------------------------------|-----------------------|
| 21. PHYSICS.—(5).                     | 28. GERMAN.—(5).      |
| 23. SPANISH.—(5).                     | 29. GEOGRAPHY.—(5).   |
| 24. STENOGRAPHY AND TYPEWRITING.—(5). | 30. PHYSIOLOGY.—(5).  |
| 25. ELEMENTARY EDUCATION.—(5).        | 31. PHYSIOLOGY.—(5).  |
| 26. BOOKKEEPING.—(5).                 | 32. SOCIOLOGY.—(5).   |
| 27. ECONOMICS.—(5).                   | 33. AERONAUTICS.—(5). |

### Courses for Advanced Undergraduates (continued)

- [S22. VISUAL AND AUDITORY INSTRUCTIONAL AIDS.—S, (2). *Prerequisite:* Senior standing, experience in teaching, or consent of instructor. Not given in 1944.]
69. PRINCIPLES AND METHODS IN REMEDIAL READING.—I, (3). *Prerequisite:* Education 25; junior standing. Assistant Professor DOLCH.
- [91. SPECIAL PROBLEMS OF EDUCATION IN RURAL COMMUNITIES.—Same as Agricultural Education 91. II, (2). *Prerequisite:* Junior standing; at least five hours in education. Not given in 1944-1945. Professor HAMLIN.]
- 99a-99b. THESIS.—S, I, and II, (2). *Prerequisite:* Senior standing. Dean BENNER and others.

### Related Courses in the Teaching of Special Subjects

NOTE:—For courses for librarians and teacher-librarians, see Library Science 7, Reading Guidance in Adolescent Literature (4); Library Science 8, Reading Guidance in Children's Literature (4); and Library Science 9, School Library Management (4). *Prerequisite:* Junior standing.

The following courses given by departments not in the College of Education may be presented as meeting in part the requirements for the twenty hours in education for graduation, for the sixteen hours in education for the State High School Certificate, or for the hours in education necessary as a qualification for teachers in the North Central Association accredited schools.

- |                     |                             |                          |
|---------------------|-----------------------------|--------------------------|
| Art 10a.—(3).       | History 18.—(2).            | P.E. for Men 18.—(3).    |
| Art 10b.—(3).       | Home Economics 11.—(3).     | P.E. for Men 73.—(3).    |
| Botany 36.—(2).     | Home Economics 56.—(3).     | P.E. for Men 74.—(3).    |
| Chemistry 94b.—(2). | Journalism 47.—(3).         | P.E. for Women 95a.—(4). |
| English 41.—(2).    | Latin 9.—(2).               | P.E. for Women 95b.—(4). |
| English 42.—(2).    | Mathematics 35.—(3).        | Psychology 16.—(3).      |
| French 25.—(3).     | Music 25.—(2).              | Psychology 21.—(3).      |
| Geography S9.—(2½). | Music 26.—(2).              | Spanish 25.—(3).         |
| German 25.—(2).     | Physical Education 71.—(2). | Speech 12.—(2).          |
|                     |                             | Zoology 36.—(2).         |

### Courses for Advanced Undergraduates and Graduates

11. ANCIENT AND MEDIEVAL EDUCATION.—II, (2). *Prerequisite:* Senior standing, or Education 2 or 30. Professor SEYBOLT.
18. EDUCATIONAL MEASUREMENTS.—I, (3). *Prerequisite:* Education 25. Associate Professor ODELL.
30. HISTORY OF AMERICAN EDUCATION.—S, (2); I, (3). *Prerequisite:* Senior standing, or Education 2 or 11. Professor SEYBOLT.
- [40. PROGRAMS AND PROCEDURES IN BUSINESS EDUCATION.—I and II, (3). *Prerequisite:* Junior standing. Not given in 1944-1945.]
41. PRINCIPLES OF VOCATIONAL EDUCATION.—Same as Industrial Education 41. S, I, and II, (3). *Prerequisite:* Senior standing. Professor MAYS.
42. EDUCATION OF HANDICAPPED CHILDREN.—S and II, (3). *Prerequisite:* Senior standing, or consent of instructor. Assistant Professor DOLCH.
43. MENTAL TESTS (GENERAL PRINCIPLES AND GROUP TESTING)—S and II, (3). *Prerequisite:* Education 25; junior standing. Associate Professor ODELL.
- [S46. RECENT DEVELOPMENTS IN THE TEACHING OF ELEMENTARY SCHOOL SUBJECTS.—S, (3). *Prerequisite:* Senior standing. Not given in 1944.]
47. IMPROVEMENT OF INSTRUCTION IN ELEMENTARY SCHOOL SUBJECTS.—S, (3). *Prerequisite:* Education 25; junior standing. Mr. WILKES.
50. CHILD PSYCHOLOGY.—S, (3). *Prerequisite:* Psychology 1, or Education 25 and junior standing, or consent of instructor. Assistant Professors DOLCH and REAGAN.

52. PART-TIME AND EVENING SCHOOLS.—Same as Industrial Education 52. I, (3). *Prerequisite*: Junior standing. Professor MAYS.
53. PROBLEMS OF INDUSTRIAL EDUCATION.—Same as Industrial Education 53. I and II, (3). *Prerequisite*: Junior standing, or consent of instructor. Professor MAYS.
55. PRINCIPLES AND PRACTICES IN VOCATIONAL GUIDANCE.—Same as Industrial Education 55. I and II, (3). *Prerequisite*: Senior standing. Professor MAYS.
- S60. CURRICULUM PROBLEMS AND TRENDS IN HIGH SCHOOL ENGLISH.—S, (1 unit). *Prerequisite*: Secondary school teaching, supervisory or administrative experience in English, or consent of instructor. Assistant Professor MCHARRY.
- [S61. CURRICULUM PROBLEMS AND TRENDS IN HIGH SCHOOL SOCIAL STUDIES.—S, ( $\frac{3}{4}$  to 1 unit). *Prerequisite*: Secondary school teaching, supervisory or administrative experience in the social studies, or consent of instructor. Not given in 1944-1945. Assistant Professor HABBERTON.]
- [64. CHILD DEVELOPMENT AND PROBLEMS IN EDUCATION.—I and II, (3). *Prerequisite*: Junior standing; Education 25 or Psychology 1. Not given in 1944-1945.]
66. SOCIOLOGY OF EDUCATION.—Same as Sociology 80. II, (3). *Prerequisite*: Sociology 1; junior standing. Professor ZNANIECKI.
- S67. SCIENCE OF AERONAUTICS.—S, (4). *Prerequisite*: Senior standing; consent of instructor. Assistant Professor HARNISH, Mr. HINES.
- [S68. CURRICULUM PROBLEMS AND TRENDS IN ART EDUCATION.—S, ( $\frac{3}{4}$  to 1 unit). *Prerequisite*: Undergraduate major in art education, or experience as teacher or supervisor of art in either elementary or secondary schools, or consent of instructor. Not given in 1944. Assistant Professor SCHULTZ.]

### Courses for Graduates

NOTE:—In addition to complying with the general rules of the Graduate School, candidates for the degree of Master of Arts or Master of Science in education must meet the following requirements: (1) Students who began their graduate work in the summer of 1941, or thereafter, must select and follow an approved curriculum and consult with a designated adviser for that curriculum in planning their programs. (2) Education 6 and 25, or their equivalents, are prerequisites for all graduate courses. (3) Education 125 is a required course for all students. (4) For students who began their graduate work prior to the summer of 1940 and have not taken an undergraduate or graduate course in the history of education, Education 11 or 30 is required. Those who began their work under this requirement may elect to finish under the following requirement. (5) For all students who began their graduate work in the summer of 1940, or thereafter, there is required a graduate course in either the history of education or the philosophy of education.

Programs leading to the professional degrees of Master of Education (Ed.M.) and Doctor of Education (Ed.D.) are now offered, with requirements as follows: A minimum of two years of approved professional experience and the completion of the requirement for the degree of Master of Arts or Master of Science, or the equivalent, is required for admission to the curriculum leading to the degree of Master of Education. In addition, the candidate must be recommended by the college committee on admission of graduate students in education as showing promise of superior professional competence. One year of graduate study (8 units) is required for the degree.

The requirements for the degree of Doctor of Education include (1) graduate residence equivalent to two full years beyond the degree of Master of Arts or Master of Science (one full year beyond the degree of Master of Education), and (2) a field study or other type of professional investigation. In a typical case the candidate who is employed in professional work during the school year will devote a minimum of three summer sessions and two academic years to the field study or the professional investigation.

101. PHILOSOPHY OF EDUCATION.—Philosophical basis of educational theory. S, I, and II, (1 unit). Associate Professor BROWNE; (S, Assistant Professor STANLEY).
102. RESEARCH IN THE HISTORY OF EDUCATION.—I and II, (1 unit). Professor SEYBOLT.
- S103. SCHOOL LAW.—S, (1 unit). Professor WEISIGER, Mr. KARBER.
104. EDUCATIONAL ADMINISTRATION.—S and I, (1 unit). Professor WEBER.
105. ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION.—S and II, (1 unit). Professor REEDER.

106. ADMINISTRATION OF JUNIOR AND SENIOR HIGH SCHOOLS.—S and I, (1 unit). Associate Professor SANFORD.  
 [S107. PUBLIC SCHOOL BUILDINGS.—S, (1 unit). Not given in 1944.]
- [109. PSYCHOLOGY OF ADOLESCENCE FOR TEACHERS.—I and II, ( $\frac{3}{4}$  to 1 unit). Not given in 1944-1945. Assistant Professor BLAIR.]
110. RECENT RESEARCH IN THE TEACHING OF HIGH SCHOOL SUBJECTS.—S and I, (1 unit). Professor MONROE.
- [S111. PROBLEMS OF RURAL EDUCATION.—S, ( $\frac{1}{2}$  unit). Not given in 1944. Professors HAMLIN, REEDER, and WEBER.]
112. SUPERVISION OF HOME ECONOMICS EDUCATION.—I, (1 unit). Associate Professor WALSH.
- [S114. CURRICULUM PROBLEMS AND TRENDS IN HOME ECONOMICS EDUCATION.—S, (1 unit). Not given in 1944. Associate Professor WALSH.]
- [115. EDUCATION AND THE PROBLEMS OF PERSONALITY.—II, (1 unit). Not given in 1944-1945. Professor GRIFFITH.]
116. SEMINAR IN HOME ECONOMICS EDUCATION.—II, (1 unit). Associate Professor WALSH.
- S117. ADULT EDUCATION.—S, (1 unit). Professor HAMLIN, Associate Professors BROWNE and SANFORD.
- S118. BEHAVIOR PROBLEMS OF SCHOOL CHILDREN.—S, (1 unit). Mrs. JANKE.
119. TRENDS AND TECHNIQUES IN CURRICULUM MAKING.—S and I, (1 unit). Associate Professor SMITH.
120. SUPERVISION OF JUNIOR AND SENIOR HIGH SCHOOLS.—S and II, (1 unit). Associate Professor SANFORD.
121. EDUCATIONAL MEASUREMENTS.—S and II, (1 unit). Associate Professor ODELL.
122. EDUCATIONAL AND VOCATIONAL GUIDANCE.—S and II, (1 unit). Assistant Professor FINCH.
123. EDUCATIONAL STATISTICS.—S and I, (1 unit). Associate Professor ODELL.
124. TECHNIQUES IN EDUCATIONAL RESEARCH.—S and II, (1 unit). Professor MONROE.
125. ADVANCED EDUCATIONAL PSYCHOLOGY.—S, I, and II, (1 unit). Associate Professor POTTHOFF, Visiting Assistant Professor STANLEY; (S, Assistant Professor REAGAN).
- [S126. ADMINISTRATION AND SUPERVISION OF VOCATIONAL EDUCATION.—S, (1 unit). Not given in 1944. Professors MAYS and HAMLIN.]
- [128. JUNIOR HIGH SCHOOL.—II, (1 unit). Not given in 1944-1945.]
- [129. JUNIOR COLLEGE.—I, (1 unit). Not given in 1944-1945.]
- [131. TEXTBOOKS AND OTHER MATERIALS OF INSTRUCTION IN SECONDARY SCHOOLS.—I, (1 unit). Not given in 1944-1945.]
- [132. DIAGNOSTIC AND REMEDIAL WORK IN ARITHMETIC.—I, (1 unit). Not given in 1944-1945.]
134. CURRICULUM PROBLEMS AND TRENDS IN ELEMENTARY SCHOOL READING AND THE LANGUAGE ARTS.—S, (1 unit). Miss CARSWELL.
135. CURRICULUM PROBLEMS AND TRENDS IN ELEMENTARY SCHOOL SOCIAL STUDIES.—S and I, (1 unit). Professor REEDER.
136. DIAGNOSTIC AND REMEDIAL PROGRAMS OF THE SCHOOL.—S and II, (1 unit). Assistant Professors DOLCH and BLAIR.
- [S137. CURRICULUM PROBLEMS AND TRENDS IN ELEMENTARY SCHOOL SCIENCE AND ARITHMETIC.—S, (1 unit). Not given in 1944.]
138. SUPERVISION OF THE ELEMENTARY SCHOOL.—S, (1 unit). Miss CARSWELL.
139. SEMINAR IN CURRICULUM PROBLEMS.—S, (1 unit). Associate Professor SMITH.
- S141. CURRICULUM PROBLEMS AND TRENDS IN DISTRIBUTIVE EDUCATION.—S, (1 unit). Mr. DELAURENTI.
- S142. SEMINAR IN WARTIME PROBLEMS AND TRENDS OF DISTRIBUTIVE EDUCATION.—S, (1 unit). Mr. DELAURENTI.
- [145. GENETIC PSYCHOLOGY FOR TEACHERS.—I, (1 unit). Not given in 1944-1945. Professor GRIFFITH.]
- [147. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS.—I, (1 unit). Not given in 1944-1945. Assistant Professor DOLCH.]
- [148. PSYCHOLOGY OF SECONDARY SCHOOL SUBJECTS.—II, (1 unit). Not given in 1944-1945. Associate Professor POTTHOFF.]
150. THESIS.—Only students of superior scholarship are permitted to register in this course. The student must present in writing an outline describing the proposed

- thesis. This outline, when approved by the faculty member under whose direction the thesis is to be written, must be submitted to the dean of the college for his approval. S, I, and II, ( $\frac{1}{2}$  to 2 units). Dean BENNER and others.
- [166. SOCIOLOGY OF EDUCATION.—Same as Sociology 180. S, ( $\frac{3}{4}$  to 1 unit). Not given in 1944-1945. Professor ZNANIECKI.]
170. PUBLIC SCHOOL FINANCE AND BUSINESS ADMINISTRATION.—S and II, (1 unit). *Prerequisite:* Education 104 or 106. Professor WEBER.
- S175. THE HIGH SCHOOL PROGRAM OF AGRICULTURAL EDUCATION.—S, ( $\frac{3}{4}$  unit). Professor HAMLIN.
- [S176. ADULT EDUCATION IN AGRICULTURE.—S, ( $\frac{1}{2}$  unit). Not given in 1944. Professor HAMLIN.]
- [S177. COMMUNITY PROGRAMS OF AGRICULTURAL EDUCATION.—For agricultural teachers, teacher-trainers, and supervisors and school administrators. S, ( $\frac{3}{4}$  unit). Not given in 1944. Professor HAMLIN.]
178. SEMINAR IN AGRICULTURAL EDUCATION.—S, ( $\frac{1}{2}$  unit). Professor HAMLIN.
180. SEMINAR IN ELEMENTARY EDUCATION.—S, (1 unit). Professor REEDER, Miss CARSWELL.
- [S181. SEMINAR IN EDUCATIONAL AND VOCATIONAL GUIDANCE.—S, (1 unit). Not given in 1944. Assistant Professor FINCH.]
184. SEMINAR IN SCHOOL ADMINISTRATION.—S, (1 unit). *Prerequisite:* Three units of graduate work in education, including Education 104 or 106; consent of instructor. Professor WEBER.
185. SEMINAR IN EDUCATIONAL PSYCHOLOGY.—S, I, and II, (1 unit). *Prerequisite:* Education 125; consent of instructor. Professor GRIFFITH, Assistant Professors FINCH, DOLCH, and BLAIR; (S, Associate Professor POTTHOFF).
186. SEMINAR IN SECONDARY EDUCATION.—S, (1 unit). *Prerequisite:* Education 106 or 120, or consent of instructor. Associate Professor SANFORD.
187. SEMINAR IN INDUSTRIAL EDUCATION AND GUIDANCE.—S and I, (1 unit). Professor MAYS.
188. CURRICULUM PROBLEMS AND TRENDS IN INDUSTRIAL EDUCATION.—S, (1 unit). Professor MAYS.
189. ADMINISTRATION AND SUPERVISION OF INDUSTRIAL EDUCATION.—II, (1 unit). Professor MAYS.
190. RESEARCH IN EDUCATION.—S, I, and II, (1 unit). *Prerequisite:* Three units of graduate credit in education. Students who wish to register in this course are required to present in writing a proposal describing the research project which they wish to undertake. This proposal, when approved by the faculty member under whose direction the research is to be done, is then submitted to the dean of the college for his approval. Dean BENNER and others.
- [192. THE AMERICAN COLLEGE.—II, (1 unit). Not given in 1944-1945. Dean BENNER.]
- S193. PUBLIC RELATIONS OF THE SCHOOLS.—For experienced teachers and administrators. S, ( $\frac{3}{4}$  to 1 unit). Dean BENNER.
200. EDUCATION AND THE INDIVIDUAL.—Open only to students who have been admitted to the curriculum for the Master of Education and Doctor of Education degrees. S and I, (1 unit). Associate Professor POTTHOFF, Assistant Professors DOLCH, FINCH, and BLAIR.
- 201a-201b. THE SCHOOL AND SOCIETY.—Open only to students who have been admitted to candidacy for the degree of Master of Education or Doctor of Education and by special permission to approved advanced students who are candidates for the degree of Doctor of Philosophy in education. S and II, (1 unit). Associate Professors SMITH, ODELL, and SANFORD, Assistant Professors ANDERSON and STANLEY; (S, Professors WEBER, MONROE, HAMLIN, and REEDER).

## AGRICULTURAL EDUCATION

### Courses for Undergraduates

- [1. INTRODUCTION TO AGRICULTURAL EDUCATION.—I, (2). *Prerequisite:* Sophomore standing in the College of Agriculture. Not given in 1944-1945. Professor HAMLIN.]
50. PRACTICE TEACHING IN AGRICULTURE.—Same as Educational Practice 5. I and II, (5). *Prerequisite:* Senior standing; registration in Agricultural Education 51. Professor HAMLIN.
51. PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION.—Equivalent to Education

10. Required of vocational teachers. S, I, and II, (5). *Prerequisite:* Education 6; Agricultural Education 1; senior standing. Professor HAMLIN.
- [91. SPECIAL PROBLEMS OF EDUCATION IN RURAL COMMUNITIES.—Same as Education 91. II, (2). *Prerequisite:* Junior standing; at least five hours in education. Not given in 1944-1945. Professor HAMLIN.]
- For Graduate Courses in Agricultural Education, see Education S175, S176, S177, 178.*

## INDUSTRIAL EDUCATION

### Courses for Undergraduates

1. INDUSTRIAL ARTS.—First course in woodworking. S, I, and II, (4). Seniors receive only three hours credit. Mr. FUZAK.
2. INDUSTRIAL ARTS.—Advanced woodworking. I and II, (4). Mr. FUZAK.
3. INDUSTRIAL ARTS.—The general shop. I, (4). Seniors receive only three hours credit. Mr. FUZAK.
4. INDUSTRIAL ARTS.—Advanced bench metal. II, (4). Mr. FUZAK.
57. TRADE AND INDUSTRIAL SHOP INSTRUCTION.—II, (3). Professor MAYS.
- [62. HISTORY AND ORGANIZATION OF INDUSTRIAL ARTS.—I, (3). Not given in 1944-1945. Professor MAYS.]

### *Related Courses in Special Subjects*

The following courses given by departments not in the College of Education may be presented as meeting in part the requirements for the 32 hours in Industrial Education:

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| Architecture 43.—(3).               | Agricultural Engineering 3.—(3). |
| Architecture 44.—(3).               | Journalism 4.—(3).               |
| General Engineering Drawing 1.—(4). | Mechanical Engineering 81.—(3).  |
| General Engineering Drawing 2.—(4). | Mechanical Engineering 85.—(3).  |
| General Engineering Drawing 4.—(4). | Mechanical Engineering 88.—(3).  |

### Courses for Advanced Undergraduates and Graduates

41. PRINCIPLES OF VOCATIONAL EDUCATION.—Same as Education 41. I and II, (3). *Prerequisite:* Senior standing. Professor MAYS.
- [52. PART-TIME AND EVENING SCHOOLS.—Same as Education 52. I, (3). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor MAYS.]
53. PROBLEMS OF INDUSTRIAL EDUCATION.—Same as Education 53. I and II, (3). *Prerequisite:* Junior standing, or consent of instructor. Professor MAYS.
55. PRINCIPLES AND PRACTICES IN VOCATIONAL GUIDANCE.—Same as Education 55. I and II, (3). *Prerequisite:* Senior standing. Professor MAYS.

*For Graduate Courses in Industrial Education, see Education 187, 188, 189.*

### Extramural Courses in Industrial Education

Associate Professor DODGE, Assistant Professor LAMBERT

- E41. SURVEY OF VOCATIONAL EDUCATION.—Same as Industrial Education 41. I and II, (1 to 3).
- E52. TEACHING RELATED TRADE SUBJECTS.—Same as Industrial Education 52. I and II, (1 to 3).
- E53. PROBLEMS OF INDUSTRIAL EDUCATION.—Same as Industrial Education 53. I and II, (1 to 3).
- E54. PROBLEMS AND METHODS OF THE PART-TIME SCHOOL.—I and II, (1 to 3).
- E54a. PROBLEMS AND METHODS OF THE PART-TIME SCHOOL.—Continuation of E54. I and II, (1 to 3).
- E55. PROBLEMS OF VOCATIONAL GUIDANCE.—Same as Industrial Education 55. I and II, (1 to 3).
- E55a. PROBLEMS OF VOCATIONAL GUIDANCE.—Continuation of E55. I and II, (1 to 3).
- E56. TEACHING SHOPWORK.—I and II, (1 to 3). *Prerequisite:* Two years of trade or industrial experience beyond the apprenticeship; completion of high school curriculum.
- E56a. TEACHING SHOPWORK.—Continuation of E56. I and II, (1 to 3).
- E58. PROBLEMS IN ADMINISTRATION AND SUPERVISION OF INDUSTRIAL EDUCATION.—II, (2 to 3).

## ELECTRICAL ENGINEERING

*Professors:* EVERITT<sup>1</sup> (Head of the Department), KNIGHT (Acting Head of the Department), BROOKS (Emeritus), PAINE (Emeritus), TYKOCINER, BROWN,<sup>2</sup> KRAEHENBUEHL, REICH,<sup>1</sup> KEENER.

*Associate Professors:* REID, TUTHILL, WALDO (Emeritus), FAUCETT.

*Assistant Professors:* ARCHER, SKRODER, HAYWARD,<sup>1</sup> FETT, EBEL.

*Associates:* HORN,<sup>1</sup> HELM.

*Instructors:* MACE,<sup>1</sup> PEIRCE, BAILEY,<sup>1</sup> MILLER,<sup>1</sup> SCHWARZLOSE, NEWTON.<sup>3</sup>

## Courses for Undergraduates

- †1N. ELECTRICITY AND MAGNETISM.—S, I, and II, (3). *Prerequisite:* Physics PH2 and registration in Mathematics M5. Professors KNIGHT, KRAEHENBUEHL, and KEENER, Assistant Professors HAYWARD and FETT.
- †3N. ELECTRIC AND MAGNETIC CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 25 and 75 if followed by 4N. I and II, (6). *Prerequisite:* Electrical Engineering 1N; Mathematics M6; registration or credit in Mathematics M7 or 9a. Professors KNIGHT, BROWN, and KRAEHENBUEHL, Associate Professor TUTHILL, Mr. HELM.
4. DIRECT AND ALTERNATING CURRENT CIRCUITS AND MACHINES.—Fundamental principles of electrical circuits and machines. For students in agricultural, ceramic, civil, and mining engineering. S, (2). *Prerequisite:* Physics 1a, 1b, 3a, 3b; Mathematics 8b or 9; registration in Electrical Engineering 64. Mr. PEIRCE.
- †4N. ELECTRIC AND MAGNETIC CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 26 and 76 if preceded by 3N and accompanied by 12aN. II, (4). *Prerequisite:* Electrical Engineering 3N. Professors KNIGHT and KEENER, Assistant Professor SKRODER.
5. APPLICATIONS OF ELECTRICAL EQUIPMENT.—Applications of electricity for industrial uses. For students in ceramic and mining engineering. S, (2). *Prerequisite:* Electrical Engineering 4, 64; registration in Electrical Engineering 65. Professor PAINE.
- †5bN. ELECTRON TUBES AND CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 50. I and II, (3). *Prerequisite:* Electrical Engineering 1N; registration in Electrical Engineering 3N. Assistant Professors ARCHER, FETT, and EBEL, Mr. SCHWARZLOSE.
- †6bN. ELECTRON TUBES AND CIRCUITS.—II, (3). *Prerequisite:* Electrical Engineering 5bN. Assistant Professor FETT, Mr. NEWTON.
- †9N. ELECTRICAL MEASUREMENTS.—I and II, (4). *Prerequisite:* Electrical Engineering 1N; registration in Electrical Engineering 3N. Mr. PEIRCE, Mr. SCHWARZLOSE.
- †10N. DIRECT CURRENT APPARATUS AND CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 11 and 61 if followed by 11N. I and II, (4). *Prerequisite:* Physics PH2; Mathematics M6 or equivalent. Associate Professors REID and FAUCETT, Mr. HELM.
- †10aN. DIRECT CURRENT APPARATUS AND CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 4 and 64. I and II, (3). *Prerequisite:* Physics PH2; Mathematics M6 or equivalent. Professor KRAEHENBUEHL, Associate Professors REID and TUTHILL, Mr. PEIRCE.
11. DIRECT AND ALTERNATING CURRENT CIRCUITS.—Fundamental electric and magnetic units and circuits, direct and alternating currents. For students in agricultural, chemical, general, and mechanical engineering, and industrial administration. S, (3). *Prerequisite:* Physics 1a, 1b, 3a, 3b; Mathematics 8b or 9; registration in Electrical Engineering 61. Associate Professor FAUCETT.
- †11N. ALTERNATING CURRENT APPARATUS AND CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 12 and 62 if preceded by 10N. II, (4). *Prerequisite:* Electrical Engineering 10N. Professor KRAEHENBUEHL, Associate Professor FAUCETT, Assistant Professor SKRODER.
- †11aN. ALTERNATING CURRENT APPARATUS AND CIRCUITS.—This course may be used as the equivalent of Electrical Engineering 5 and 65. II, (3). *Prerequisite:* Electrical Engineering 10aN. Associate Professor REID, Mr. PEIRCE.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Deceased February 25, 1945.

<sup>3</sup>Second semester.

†Navy College Training Program course, open to engineering students.

12. DIRECT AND ALTERNATING CURRENT APPARATUS.—Generators and motors, transformers, rectifiers, and electronic devices. S and I, (3). *Prerequisite:* Electrical Engineering 11, 61; registration in Electrical Engineering 62. Professor KRAEHENBUEHL, Associate Professor FAUCETT.
- †12aN. DIRECT CURRENT MACHINERY.—II, (4). *Prerequisite:* Electrical Engineering 3N; registration in Electrical Engineering 4N. Mr. HELM.
14. WIRING AND ILLUMINATION.—Fundamentals of commercial and industrial wiring and illumination practice. S, I, and II, (3). Not open to students with credit in Electrical Engineering 90. *Prerequisite:* Sophomore standing. Professor KRAEHENBUEHL.
25. INTRODUCTION TO CIRCUIT ANALYSIS.—Electric and magnetic units and circuits; graphical and mathematical treatment of periodic current circuits; special problems in alternating current networks; electrostatic circuits; wave analysis. S, (4). *Prerequisite:* Physics 1b, 3b; Mathematics 9; registration in Mathematics 9a or 16; registration in Electrical Engineering 75. Professor KNIGHT.
26. DIRECT CURRENT APPARATUS.—Theory and characteristics of direct current apparatus. S and I, (3). *Prerequisite:* Electrical Engineering 25; Mathematics 9a; registration in Electrical Engineering 76. Professor KNIGHT.
35. ALTERNATING CURRENT APPARATUS.—Transformers and generators. S, I, and II, (4). *Prerequisite:* Electrical Engineering 26, 76; registration in Electrical Engineering 85. Professor KEENER.
36. ALTERNATING CURRENT APPARATUS.—Synchronous, induction, and commutator motors; rotary converters, distributed inductance and capacity, transient phenomena. S, I, and II, (4). *Prerequisite:* Electrical Engineering 35; registration in Electrical Engineering 86. Professor KEENER.
- [41. TRANSIENT ENGINEERING PRINCIPLES.—I, (5). *Prerequisite:* Electrical Engineering 26, 76. Not given in 1944-1945.]
- [42. TRANSIT ENGINEERING PRACTICE.—II, (4). *Prerequisite:* Electrical Engineering 41. Not given in 1944-1945.]
- [44. TRANSIT ENGINEERING LABORATORY AND DESIGN.—II, (3). *Prerequisite:* Registration in Electrical Engineering 42. Not given in 1944-1945.]
- [46. TRANSIT ENGINEERING.—For students in engineering departments other than Electrical. II, (3). *Prerequisite:* Electrical Engineering 4, 11, or 25 and 64, 61, or 75. Not given in 1944-1945.]
48. FUNDAMENTALS OF TELEPHONE TRANSMISSION.—Fundamentals of telephone networks and transmission lines, loading, filters, reflections, inductive interference, and superimposed circuits. S, I, and II, (3). *Prerequisite:* Senior standing in electrical engineering, or consent of instructor. Professor KEENER, Assistant Professor SKRODER.
50. INTRODUCTION TO APPLIED ELECTRONICS.—Fundamental principles of the design, operation, and application of electron devices. S and I, (2). *Prerequisite:* Electrical Engineering 25. Assistant Professor ARCHER, Mr. PEIRCE.
51. RADIO COMMUNICATION APPARATUS.—Fundamentals of circuits of and phenomena in radio communication apparatus. Measurement of radio frequency circuit parameters, wave propagation, performance of transmitters and receivers. S, I, and II, (3). *Prerequisite:* Electrical Engineering 25, 50, or equivalent. Professor BROWN, Mr. SCHWARZLOSE.
52. RADIO ENGINEERING DESIGN.—Fundamentals of design of radio transmitters, transmission lines, antennas, and receivers. Laboratory measurements associated with design. S, I, and II, (3). *Prerequisite:* Electrical Engineering 51, or equivalent. Professor BROWN, Mr. SCHWARZLOSE.
53. ULTRA-HIGH-FREQUENCY TECHNIQUES.—Theory, characteristics, and operation of klystron, magnetron, and other decimeter-wave generators, antenna arrays, wave propagation, wave guides, radiation from parabolas and horns, impedance matching, modulation, detection, and reception of decimeter waves. S, I, and II, (4). *Prerequisite:* Registration in Electrical Engineering 48 and 52. Registration in Electrical Engineering 59 and 89 is desirable. Assistant Professor FETT.
54. VACUUM TUBES AND CONTROL DEVICES.—Theory, characteristics, and application of the high vacuum tubes, amplifiers, and control devices. S and I, (3). *Prerequisite:* Electrical Engineering 25, 50. Assistant Professor FETT.
55. ELECTRICAL DESIGN.—Electromagnets and dynamos, direct and alternating, transformers. S and II, (2). *Prerequisite:* Electrical Engineering 26; registration in Electrical Engineering 35. Assistant Professor ARCHER.

†Navy College Training Program course, open to engineering students.



56. **ECONOMICAL DESIGN OF ELECTRICAL SYSTEMS.**—Power plants, distribution, etc. S, I, and II, (4). *Prerequisite:* Electrical Engineering 35. Assistant Professor ARCHER.
- [57. **ELECTRICAL ENERGY MEASUREMENTS AND SYSTEM PROTECTION.**—II, (3). *Prerequisite:* Senior standing in electrical engineering, or consent of instructor. Not given in 1944-1945.]
- [58. **POWER TRANSMISSION AND DISTRIBUTION CIRCUITS.**—I, (3). *Prerequisite:* Electrical Engineering 25. Not given in 1944-1945.]
- [59. **ELECTRON TUBES.**—II, (3). *Prerequisite:* Electrical Engineering 54, or consent of instructor. Not given in 1944-1945.]
61. **DIRECT AND ALTERNATING CURRENT LABORATORY.**—Circuits. For students in agricultural, chemical, general, and mechanical engineering, and industrial administration. S, (1). *Prerequisite:* Registration in Electrical Engineering 11. Associate Professors REID and FAUCETT.
62. **DIRECT AND ALTERNATING CURRENT LABORATORY.**—Machines. For students in agricultural, chemical, and general engineering, and industrial administration. S and I, (1). *Prerequisite:* Electrical Engineering 11, 61; registration in Electrical Engineering 12. Associate Professor TUTHILL, Assistant Professors ARCHER and HAYWARD, Mr. HELM.
64. **DIRECT AND ALTERNATING CIRCUITS AND MACHINES LABORATORY.**—To accompany Electrical Engineering 4. For students in agricultural, ceramic, civil, and mining engineering. S, (1). *Prerequisite:* Registration in Electrical Engineering 4. Mr. PEIRCE.
65. **ELECTRICAL EQUIPMENT LABORATORY.**—S, (1). *Prerequisite:* Registration in Electrical Engineering 5. Mr. PEIRCE.
- 71-72. **ELECTRICAL ENGINEERING PROBLEMS.**—I and II, (1 to 3). *Prerequisite:* Approval of written application to department. Members of the department.
75. **ELECTRICAL ENGINEERING LABORATORY.**—Direct and alternating current circuits and instruments. S, (2). *Prerequisite:* Registration in Electrical Engineering 25. Mr. HELM.
76. **ELECTRICAL ENGINEERING LABORATORY.**—Operation and testing of direct current machines. S and I, (3). *Prerequisite:* Electrical Engineering 25, 75; registration in Electrical Engineering 26. Professor KEENER, Associate Professor TUTHILL, Mr. HELM.
84. **VACUUM TUBE LABORATORY.**—Experimental study of the characteristics and applications of high vacuum tubes. S and I, (1). *Prerequisite:* Registration in Electrical Engineering 54, or consent of instructor. Mr. PEIRCE.
85. **ELECTRICAL ENGINEERING LABORATORY.**—Advanced alternating current laboratory. S, I, and II, (2). *Prerequisite:* Electrical Engineering 76; registration in Electrical Engineering 35. Associate Professor REID.
86. **ELECTRICAL ENGINEERING LABORATORY.**—Advanced alternating current laboratory. S, I, and II, (2). *Prerequisite:* Electrical Engineering 85; registration in Electrical Engineering 36. Associate Professor REID.
- [89. **ELECTRON TUBE LABORATORY.**—Experimental study of glow and arc discharge tubes and photocells and their applications to power control. II, (1). *Prerequisite:* Registration in Electrical Engineering 59, or consent of instructor. Not given in 1944-1945.]
- [90. **BUILDING LIGHTING.**—I and II, (1). Not open to students with credit in Electrical Engineering 14. *Prerequisite:* Junior standing. Not given in 1944-1945.]
- 95-96. **SEMINAR.**—Papers and discussions of current engineering topics. S, I, and II, (1). *Prerequisite:* Senior standing in electrical engineering. Professor PAINE, Associate Professor REID.
- [97-98. **THESIS.**—First semester, preliminary reading and investigation; second semester, completion. Continuous through I and II, (0 to 3). Not given in 1944-1945.]
- [99. **INSPECTION TRIP.**—I, (no credit). *Prerequisite:* Senior standing. Not given in 1944-1945.]

### Courses for Graduates

**NOTE:**—The prerequisite for graduate work in electrical engineering is the equivalent of the undergraduate courses required for the degree of Bachelor of Science in electrical engineering in the branches of the subject in which registration is desired. Graduate students who wish to take a minor in electrical engineering must have had differential and integral calculus, and one year's work in college physics.

- [101a. GRADUATE SEMINAR.—Required of all graduate students. I and II, (no credit). Not given in 1944-1945.]
- [101. ADVANCED COURSES IN ALTERNATING CURRENTS.—I and II, ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945.]
- (b) CIRCUIT TRANSIENTS.—Professor KNIGHT.
- (c) MACHINE TRANSIENTS.—Professor KEENER.
- (d) SYMMETRICAL COMPONENTS.—Professor KRAEHENBUEHL, Associate Professor FAUCETT.
- [102. ELECTRIC WAVES, OSCILLATIONS, AND TRANSIENTS.—II, ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945.]
- (a) THEORY OF ENERGY RADIATION.—
- (b) PRINCIPLES OF TELEVISION ENGINEERING.—
- [103. ELECTRIC DESIGN.—I and II, (1 to 3 units). Not given in 1944-1945.]
- (a) POWER PLANT DESIGN.—Assistant Professor ARCHER.
- (b) MACHINE DESIGN.—Assistant Professor ARCHER.
- (c) ILLUMINATION PRACTICE AND DESIGN.—Professor KRAEHENBUEHL.
- [104. VACUUM TUBES AND ELECTRONIC CONTROL.—I and II, (1 unit). Not given in 1944-1945.]
- (a) THEORETICAL ELECTRONICS.—
- (b) VACUUM TUBES AND AMPLIFIERS.—
- (c) PHOTOELECTRIC CELLS, CONTROL TUBES, AND INVERTERS.—
105. ELECTRICAL ENGINEERING RESEARCH.—S, I, and II, (1 to 3 units). Professors TYKOCINER, KNIGHT, BROWN, KRAEHENBUEHL, and KEENER, Associate Professor FAUCETT, Assistant Professor FETT.

## ENGINEERING

*Professors:* CASBERG, CRANDELL, DRAFFIN, JORDAN, PICKELS,<sup>1</sup> REICH,<sup>2</sup> YOUNG.

*Associate Professors:* TUTHILL.

*Assistant Professors:* DELL.

*Associates:* GERBER.

*Assistants:* CALDWELL.

### Courses for Undergraduates

NOTE:—Each of the following courses may be used as an approved or non-technical elective in all engineering curricula.

- [10. ENGINEERING ECONOMICS.—S, I, and II, (3). *Prerequisite:* Sophomore standing in engineering. Not given in 1944-1945. Professor YOUNG.]
- [20. HISTORY OF ENGINEERING.—I, (2). *Prerequisite:* Junior standing in engineering. Not given in 1944-1945. Professor DRAFFIN.]
39. INDUSTRIAL RELATIONS.—History of the development of industry; the factory system; manufacturers' organizations; labor organizations; works management; trade unions; wage systems; personnel problems; labor legislation. S and I, (3). *Prerequisite:* Junior standing. Professor CASBERG.
40. TRANSPORTATION.—Survey course covering highway and marine transportation. Historical development and essential technical considerations. I and II, (2). *Prerequisite:* One year entrance credit in high school algebra and plane geometry. Professors YOUNG and CRANDELL, and others.
41. TRANSPORTATION.—Survey course covering railways, city transit, and air transport. Historical development and essential technical considerations. I and II, (3). *Prerequisite:* Mathematics 2 or 3, and 4. Professors YOUNG and CRANDELL, and others.
92. ENGINEERING LAW.—Contracts, evidence, torts, equity, real property, corporations, agency, sales, negotiable instruments, water rights, patent rights, special assessments, contract letting, general conditions. S, I, and II, (3). *Prerequisite:* Senior standing in engineering or architecture. Professor CRANDELL; (S, Professor PICKELS).

<sup>1</sup>Deceased December 2, 1944.

<sup>2</sup>On leave of absence for war service.

## ENGLISH

## (Including Rhetoric and Speech)

- Professors:* HILLEBRAND<sup>1</sup> (Head of the Department), LARSEN (Acting Head of the Department), BERNBAUM, FLOM (Emeritus), PAUL (Emeritus),<sup>2</sup> BALDWIN, W. J. GRAHAM,<sup>3</sup> FLETCHER, SAUNDERS, PARRY.
- Associate Professors:* LANDIS, WEIRICK, PARRISH, SECORD, C. R. ANDERSON, GLENN, HERRICK, SMITH, ROBERTS.
- Assistant Professors:* RINAKER, KYLE (Emerita), TEMPLEMAN, KELSO, M. S. GOLDMAN,<sup>4</sup> WINDESHEIM, SWANSON, TUPPER, HARRIS, HUSTON, NELSON, JOHNSON, WASSERMAN.<sup>4</sup>
- Associates:* BUSEY, HASKELL, TRELEASE, C. H. SHATTUCK, MATHEWS.
- Instructors:* BLOOM, KELLEY, FRENCH, L. H. HOUTCHENS, MILLIGAN,<sup>4</sup> MOSES,<sup>4</sup> RAPP, DIETER,<sup>4</sup> WILKINSON,<sup>4</sup> GEIST,<sup>4</sup> HOLADAY, C. W. HOUTCHENS, SCOTT,<sup>4</sup> SARGENT,<sup>4</sup> MOORE, BUSHMAN, M. W. GRAHAM, HOCHMUTH, J. K. QUINN, M. C. QUINN, REAVER.
- Assistants:* SWENEY, OWEN, G. C. CAMP, BUTLER,<sup>6</sup> MOSHER,<sup>4</sup> PORZAK, J. W. LEWIS, BLEDSOE,<sup>4</sup> L. FEINBERG,<sup>4</sup> G. SCOUFFAS, BAUER,<sup>4</sup> FAULKNER,<sup>4</sup> WEEKS, A. J. CARR,<sup>4</sup> DAVID,<sup>4</sup> JOCHUMS,<sup>4</sup> MURRAY,<sup>4</sup> ROBBINS,<sup>4</sup> WILKINS,<sup>7</sup> BENSON,<sup>4</sup> G. W. JONES,<sup>4</sup> DAHLSTEDT,<sup>10</sup> PATTON,<sup>4</sup> LOWELL, NICHOLAS, BROOKS,<sup>4</sup> BOWMAN, O. R. GOLDMAN, MAGILL, MILLER, RUSHING, WALTER,<sup>8</sup> HUSSEY, DRAWVER, JANTZEN, WEAVER,<sup>8</sup> BYNUM, HUNTER, BERDAHL,<sup>9</sup> BEVERIDGE, BOSWORTH-FLING, M. G. CARR, COON, CORNELISON, FORBIS, M. D. LEWIS, MAYFIELD, OSTROTH,<sup>8</sup> RICH, SUTTON, WILSON, WROTEN, CHAMBERS, FRANCE,<sup>9</sup> HABBERTON,<sup>9</sup> HALL, KELLOGG,<sup>9</sup> LENHART, MCCARTHY, R. SCOUFFAS,<sup>9</sup> S. D. SHATTUCK,<sup>9</sup> BROWN, M. J. CAMP,<sup>9</sup> CARLSON, HOFFMAN, MCKINNEY, OLIVER,<sup>9</sup> SHILEY,<sup>9</sup> M. M. THOMAS, WILLIAMS, WYND,<sup>9</sup> L. O. FEINBERG, HOOD,<sup>7</sup> N. E. JONES,<sup>7</sup> PREUCIL,<sup>7</sup> S. M. THOMAS,<sup>7</sup> UNLAND, GILL,<sup>7</sup> SIMONS.<sup>7</sup>
- Research Assistants:* OLIVER.<sup>7</sup>
- Cooperating:* Professor A. W. ARON, Associate Professor ARTHUR HAMILTON, Assistant Professor P. E. JACOB.
- Summer of 1944 but not in current year:* R. R. HUBACH, ALICE MORRISON, J. A. CHRISTIE, CURTIS WRIGHT.

## ENGLISH LANGUAGE AND LITERATURE

## Requirements for L.A.S. Students

*Major:* 20 hours in English, excluding Rhetoric 0, 1, 2, 5, 10, 21, 22, English 10a, 10b, 11a, 11b, 20a, 20b, 41, 42, and courses in Speech, and including at least ten hours in English literature, at least three hours in composition, and two courses chosen from the advanced groups in English literature.

*Minors:* 20 hours in (a) Latin or Greek or French or German or Spanish or Italian; or (b) in any two of those languages; or (c) in one of those languages and philosophy; or (d) in one of those languages and history; or (e) in history and philosophy. No language courses may be regarded as satisfying the minor requirements if they are excluded from the majors of the language departments (excepting elementary courses in Greek and Latin, French 2a, Italian 2a, and Spanish 2a). At least eight hours must be taken in each subject, if two are chosen.

*Program of Study:* The following courses are called to the special attention of English majors: English 23, 12, 13, Rhetoric 3, English 54a, 54b, at least one period course (e.g., English 39, 29, 27, 31, 33, or 34), at least one author course (e.g., English 25, 5, 63, 52, 43, or 56), and English 55a, 55b.

English majors who intend to teach in secondary schools are advised to take

<sup>1</sup>On leave of absence.

<sup>2</sup>Deceased September 21, 1944.

<sup>3</sup>Deceased September 24, 1944.

<sup>4</sup>Second semester.

<sup>5</sup>First semester.

<sup>6</sup>Recalled for active service.

<sup>7</sup>On leave of absence for war service.

<sup>8</sup>On leave of absence until January 1, 1945.

<sup>9</sup>Resigned.

<sup>10</sup>Deceased March 31, 1945.

English 16, and should have some training in Speech. They should consider the need for taking English 41 and 42 (credit in these courses does not count toward the English major, but does apply toward requirements in education), and the need for taking English 30 if they intend to teach in a state requiring six hours of college work in American literature. Their attention is called also to Education 69 (Remedial Reading) as one of the courses in education which will be particularly useful to them.

Rhetoric 3 (Exposition) is preferred over Rhetoric 4 (Narration and Description) as a course to take in satisfying the departmental requirements in composition.

### Courses for Undergraduates

- 10a. TYPES OF POETRY.—Intended primarily for those who expect to do considerable work in literature, in English or in any other language. S, I, and II, (3). Credit is not given for English 11a or 11b in addition to English 10a, or for any of these courses in addition to English 20a and 20b. Seniors receive only two hours credit. *Prerequisite:* The minimum entrance requirements in English. Associate Professor WEIRICK, Assistant Professors RINAHER, TUPPER, and JOHNSON, Dr. BLOOM, Dr. RAPP, Dr. FRENCH; (S, Associate Professors LANDIS and SMITH, Assistant Professor HARRIS).
- 10b. STUDY OF THE DRAMA.—Intended primarily for those who expect to do considerable work in literature, in English or in any other language. S, I, and II, (3). See note under English 10a. Seniors receive only two hours credit. *Prerequisite:* English 10a. Assistant Professors TUPPER, RINAHER, and JOHNSON, Dr. FRENCH, Dr. RAPP, Mr. QUINN; (S, Dr. BUSEY, Dr. HASKELL).
- 11a. CHRONOLOGICAL STUDY OF MASTERPIECES.—Beginning to 1700. I and II, (3). See note under English 10a. Seniors receive only two hours credit. *Prerequisite:* The minimum entrance requirements in English. Professor PAUL, Associate Professors WEIRICK and LANDIS, Assistant Professor HARRIS, Dr. BUSEY, Dr. KELLEY, Dr. BLOOM, Dr. BUSHMAN, Dr. REAVER.
- 11b. CHRONOLOGICAL STUDY OF MASTERPIECES.—Eighteenth and nineteenth centuries. I and II, (3). See note under English 10a. Seniors receive only two hours credit. *Prerequisite:* English 11a. Assistant Professor HARRIS, Dr. HASKELL, Dr. BUSEY, Dr. BLOOM, Dr. BUSHMAN.
12. AMERICAN LITERATURE.—S and I, (2). *Prerequisite:* Sophomore standing, or exemption from Rhetoric 2. Professor PAUL, Associate Professor GLENN; (S, Dr. HASKELL, Mrs. SWENEY).
13. AMERICAN LITERATURE.—II, (2). *Prerequisite:* Sophomore standing, or exemption from Rhetoric 2. Professor PAUL, Associate Professor GLENN.
- 20a. CHIEF ENGLISH WRITERS OF THE NINETEENTH CENTURY.—Nineteenth-century men of letters on religion, politics, economics, conduct, and social life. For students in professional and technical courses. S, I, and II, (4). Credit is not given for English 20a in addition to English 10a-10b or 11a-11b. *Prerequisite:* Sophomore standing. Assistant Professors TEMPLEMAN (in charge) and TUPPER, Dr. MATHEWS, Dr. HASKELL, Dr. REAVER; (S, Dr. FRENCH).
- 20b. CHIEF ENGLISH WRITERS BEFORE 1800.—I and II, (4). Credit is not given for English 20b in addition to English 10a-10b or 11a-11b. *Prerequisite:* English 20a. Assistant Professor TEMPLEMAN (in charge), Dr. MATHEWS, Dr. HOLADAY, Mrs. TRELEASE.
23. INTRODUCTION TO SHAKESPEARE.—S, I, and II, (3). *Prerequisite:* Sophomore standing, or exemption from Rhetoric 2. Professor HILLEBRAND, Associate Professors LANDIS and SMITH; (S, Associate Professors ROBERTS and WEIRICK).
44. CONTEMPORARY POETRY.—S and II, (3). *Prerequisite:* Six hours of English literature, or junior standing. Associate Professor WEIRICK; (S, Mr. QUINN).

### Courses for Advanced Undergraduates

*Junior standing is prerequisite to all the following courses unless otherwise specified.*

- [4. ENGLISH POETICS.—II, (2). Not given in 1944-1945.]
5. SHAKESPEARE.—I and II, (3). Professor BALDWIN.
16. MODERN ENGLISH GRAMMAR.—Definition and meaning; the use of dictionaries, grammars; a survey of syntax, etc. S and II, (3). Professor LARSEN; (S, Associate Professor SMITH).

21. LITERARY STUDY OF THE BIBLE.—I, (3). *Prerequisite*: Six hours of English literature. Professor FLETCHER.
27. THE AGE OF DRYDEN.—A study of Dryden in relation to the writers of the later seventeenth century and to the literary, social, and religious forces of the period. II, (3). Assistant Professor HARRIS.
30. TENDENCIES IN AMERICAN FICTION SINCE 1870.—II, (3). *Prerequisite*: Consent of instructor. Assistant Professor TUPPER.
- [31. ENGLISH LITERATURE FROM 1688 TO 1789.—I, (3). Not given in 1944-1945. Associate Professor SECORD.]
33. ENGLISH LITERATURE FROM 1789 TO 1837.—Wordsworth, Scott, Coleridge, Byron, Shelley, Keats. I, (3). Associate Professor LANDIS.
- [39. INTRODUCTION TO THE LITERATURE OF THE MIDDLE AGES.—I, (3). Not given in 1944-1945. Professor PARRY.]
41. TEACHING OF ENGLISH LITERATURE.—II, (2). *Prerequisite*: Nine hours of English literature. Associate Professor GLENN.
42. TEACHING OF ENGLISH COMPOSITION.—I, (2). *Prerequisite*: Nine hours of English composition. Associate Professor GLENN.
43. BROWNING.—Intensive reading of the principal poems. S and II, (3). Assistant Professor TEMPLEMAN; (S, Assistant Professor HARRIS).
45. DEVELOPMENT OF THE MODERN DRAMA.—Reading and lectures. S and I, (3). Professor HILLEBRAND, Associate Professor HERRICK.
51. GREAT NOVELISTS OF THE EIGHTEENTH CENTURY.—Defoe, Richardson, Fielding, Smollett, Sterne, Goldsmith, etc. II, (3). Associate Professor SECORD.
- [52. GREAT NINETEENTH CENTURY NOVELISTS, ENGLISH AND AMERICAN.—II, (3). Not given in 1944-1945. Professor BERNBAUM.]
56. TENNYSON AND HIS CONTEMPORARIES.—I, (3). Assistant Professor TEMPLEMAN.
57. GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL.—Goethe, Hugo, Manzoni, Balzac, Dumas, Flaubert, Zola, Turgenev, Dostoevski, Tolstoi. I, (3). Professor BERNBAUM.
- [58. MOTION PICTURES: THEIR APPRECIATION AND THEIR RELATION TO LITERATURE.—II, (3). Not given in 1944-1945. Professor BERNBAUM.]
- 60a-60b. THESIS AND HONORS.—S, I, and II, (credit to be arranged). *Prerequisite*: Senior standing. Associate Professor SECORD and others.
- [62. ENGLISH LITERATURE FROM 1588 TO 1660.—I, (3). Not given in 1944-1945. Professor FLETCHER.]

### Courses for Advanced Undergraduates and Graduates

*Junior standing is prerequisite to all the following courses unless otherwise specified.*

17. HISTORY OF THE ENGLISH LANGUAGE.—II, (3). *Prerequisite*: Consent of instructor. Professor LARSEN.
25. CHAUCER.—II, (3). Associate Professor SMITH.
- [26. SPENSER.—I, (3). Not given in 1944-1945. Associate Professor SMITH.]
- [34. DR. JOHNSON AND HIS CIRCLE.—I, (3). Not given in 1944-1945. Assistant Professor RINAKER.]
- [35. ENGLISH DRAMA (PREVIOUS TO SHAKESPEARE).—From the beginning to 1600. I, (3). Not given in 1944-1945. Professor BALDWIN.]
- [36. ENGLISH DRAMA (EXCLUSIVE OF SHAKESPEARE).—From 1600 to 1700. II, (3). Not given in 1944-1945. Professor HILLEBRAND.]
- [38. DEVELOPMENT OF ARTHURIAN ROMANCE.—II, (3 or 4). Not given in 1944-1945. Professor PARRY.]
- 54a. INTRODUCTION TO COMPARATIVE LITERATURE.—Comparative study of the greatest Greek, Latin, Italian, Spanish, French, German, and English authors. S and I, (3). Professor PARRY, Associate Professor LANDIS.
- 54b. INTRODUCTION TO COMPARATIVE LITERATURE.—Survey of the greatest Spanish, French, and German authors. II, (3). Professors ARON and PARRY, Associate Professors HAMILTON and LANDIS, Assistant Professor JACOB.
- 55a-55b. SURVEY OF ENGLISH LITERATURE.—I and II, (3). *Prerequisite*: Senior standing. Professor PARRY.
63. POETRY OF MILTON.—Origin, forms, artistic and ethical values; Milton's place in English literary history. S and II, (3). Professor FLETCHER.
- [65a-65b. HISTORY AND PRINCIPLES OF LITERARY CRITICISM.—I and II, (3). *Prerequisite*: Senior standing. Not given in 1944-1945. Associate Professor HERRICK.]

## Courses for Graduates

NOTE:—Students who enter on graduate work with English as their major subject are required to give evidence of their ability to write good English. They must present the equivalent of fourteen hours of undergraduate work in English literature, the required college work in rhetoric, and the equivalent of four semesters of college work in Latin, or in Greek, or in French, or in German. After the first year of graduate work a knowledge of French and German is indispensable. Students making English their minor may be admitted to such courses as in the judgment of the instructor in charge they are qualified to pursue.

101. RESEARCH IN SPECIAL TOPICS.—Guidance in writing theses for advanced degrees. S, I, and II. (1 to 2 units). Professors HILLEBRAND, BERNBAUM, BALDWIN, FLETCHER, LARSEN, and PARRY, Associate Professors LANDIS, PARRISH, SECORD, GLENN, and SMITH, Assistant Professors RINAKE and HARRIS.
- S102a. SURVEY OF ENGLISH LITERATURE.—S, (1 unit). Associate Professor GLENN.
- [S102b. SURVEY OF ENGLISH LITERATURE (FROM THE RESTORATION).—S, (1 unit). Not given in 1944-1945. Associate Professor SECORD.]
- [107. OLD NORSE (OLD ICELANDIC).—II, (1 unit). Not given in 1944-1945. Professor LARSEN.]
108. OLD ENGLISH (ANGLO-SAXON).—I, (1 unit). Associate Professor SMITH.
109. OLD ENGLISH (ANGLO-SAXON).—Beowulf. II, (1 unit). Professor LARSEN.
- [110. OLD ENGLISH POETRY.—Caedmon and Cynewulf. I, (1 unit). Not given in 1944-1945. Professor LARSEN.]
112. SEMINAR IN CHAUCER.—I, (1 unit). Associate Professor SMITH.
- [125. MIDDLE ENGLISH.—II, (1 unit). Not given in 1944-1945. Professor LARSEN.]
- 128a-128b. LITERATURE OF THE SIXTEENTH CENTURY.—Continuous through I and II, (1 unit). Professor BALDWIN.
- [129a-129b. ENGLISH LITERATURE FROM THE NORMAN CONQUEST TO 1400.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor PARRY.]
- [130a-130b. TRAGEDY.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor HILLEBRAND.]
- S130b. TRAGEDY.—S, (1 unit). Professor HILLEBRAND.
- [135a-135b. PROBLEMS IN AMERICAN LITERATURE.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [S137. PROSE WRITERS OF THE NINETEENTH CENTURY.—S, (1 unit). Not given in 1944.]
- 138a-138b. THE ROMANTIC MOVEMENT.—S (138a only), and continuous through I and II, (1 unit). Professor BERNBAUM; (S, Professor GRAHAM).
- 140a-140b. INVESTIGATIONS IN MODERN ENGLISH LITERATURE.—Continuous through I and II, (1 to 3 units). Professor BERNBAUM.
- 141a-141b. LITERATURE OF THE SEVENTEENTH CENTURY.—S (141a only), and continuous through I and II, (1 unit). Professor FLETCHER.
- 143a-143b. SEMINAR IN THE HISTORY AND THEORY OF PROSE FICTION.—Continuous through I and II, (1 unit). Professor BERNBAUM.
- 145a-145b. LITERATURE OF THE EIGHTEENTH CENTURY.—S (145b only), and continuous through I and II, (1 unit). Associate Professor SECORD; (S, Professor GRAHAM).
- 146a-146b. SEMINAR IN MILTON AND HIS AGE.—Continuous through I and II, (1 unit). Professor FLETCHER.
- 147a-147b. SHAKESPEARE AND ELIZABETHAN DRAMA.—Continuous through I and II, (1 unit). Professor BALDWIN.
- [148. SEMINAR IN ELIZABETHAN DRAMA.—II, (1 unit). Not given in 1944-1945. Professor BALDWIN.]
- [149a-149b. DEVELOPMENT OF TUDOR DRAMA.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor BALDWIN.]
- [151a-151b. STUDIES IN THE HISTORY OF THE EIGHTEENTH CENTURY NOVEL.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor SECORD.]
- [153. SEMINAR IN RESTORATION DRAMA.—II, (1 unit). Not given in 1944-1945. Professor HILLEBRAND.]
- [156. ANGLO-LATIN LITERATURE.—II, (1 unit). Not given in 1944-1945. Professor PARRY.]
- [157. SEMINAR IN SPENSER.—I, (1 unit). Not given in 1944-1945.]

## RHETORIC

## Courses for Undergraduates

NOTE:—Division of General Studies 1a and 1b (Verbal Expression) may be substituted for Rhetoric 1 and 2 wherever the latter constitute a prerequisite.

0. RHETORIC AND COMPOSITION.—Open to students who fail the placement test for admission to Rhetoric I. Intensive review of fundamentals, with considerable practice in composition. Students passing this course will be admitted to Rhetoric I without further examination. S, I, and II, (no credit). Miss RUSHING, Mrs. CARR, Miss CHAMBERS, Miss COON, Mr. BOSWORTH-FLING, Miss BEVERIDGE, Mr. FRANCE, Miss LENHART, Miss LOWELL, Mr. MCCARTHY, Miss MAYFIELD, Miss NICHOLAS, Mr. PORZAK, Mrs. SCOUFFAS, Mrs. WILSON, Miss WROTEN, Miss JANTZEN, Miss DRAWVER; (S, Assistant Professor JOHNSON, Dr. HUBACH, Mr. CAMP, Miss HUSSEY, Mr. SCOUFFAS).
- 1-2. RHETORIC AND COMPOSITION.—This course provides elementary training and practice in the comprehension and in the expression of both written and oral English. S, I, and II, (3). Seniors receive only two hours credit. *Prerequisite*: A passing grade on the Rhetoric 1 placement examination or a passing grade in Rhetoric 0. These courses are not counted toward a major in English. Associate Professor ROBERTS, Assistant Professor JOHNSON, Dr. MATHEWS, Dr. BLOOM, Dr. KELLEY, Dr. FRENCH, Dr. HOLADAY, Dr. HASKELL, Dr. BUSHMAN, Dr. REAVER, Mrs. SWENEY, Mr. OWEN, Mr. CAMP, Mr. QUINN, Mr. PORZAK, Mr. LEWIS, Miss LOWELL, Miss NICHOLAS, Miss MILLER, Miss RUSHING, Miss BEVERIDGE, Mr. BOSWORTH-FLING, Mrs. BOWMAN, Mrs. BROWN, Miss BYNUM, Miss CAMP, Mrs. CARR, Miss CHAMBERS, Miss CORNELISON, Miss COON, Miss DRAWVER, Miss FORBIS, Miss GILL, Mrs. HABBERTON, Miss HUSSEY, Miss LEWIS, Miss LENHART, Mr. MAGILL, Mr. MCCARTHY, Miss MAYFIELD, Mr. MOORE, Mr. OSTROTH, Miss RICH, Mrs. SHATTUCK, Mr. SCOUFFAS, Mrs. SCOUFFAS, Mr. SIMONS, Mr. SUTTON, Miss THOMAS, Mrs. WILSON, Miss WROTEN, Mrs. WYND; (S, Assistant Professor HARRIS, Dr. BUSEY, Dr. HUBACH, Mr. CHRISTIE, Miss MILLER, Miss MORRISON, Mr. PORZAK, Mr. WRIGHT).
- †E1. ORAL AND WRITTEN COMPOSITION.—Equivalent to Rhetoric 1. S, (3). Dr. HOLADAY, Miss JANTZEN.
- †E2. ORAL AND WRITTEN COMPOSITION.—Equivalent to Rhetoric 2. S and I, (3). *Prerequisite*: English E1 or equivalent. Dr. HOLADAY, Miss JANTZEN.
3. EXPOSITION.—S, I, and II, (3). *Prerequisite*: Rhetoric 1 and 2; sophomore standing. Assistant Professor RINAKER, Dr. BUSEY, Dr. FRENCH.
4. NARRATION AND DESCRIPTION.—Elements of narrative writing. I and II, (3). *Prerequisite*: Rhetoric 1 and 2; sophomore standing. Mrs. TRELEASE, Dr. RAPP.
5. RHETORIC AND COMPOSITION.—Required of students (1) who matriculated between September, 1941, and September, 1944, and received a grade of "D" in Rhetoric 2, or (2) who matriculated after September, 1944, and failed the qualifying examination. I and II, (3). Mr. MOORE, Mr. CAMP.
10. BUSINESS LETTER WRITING.—S, I, and II, (2). This course is not counted toward a major in English. *Prerequisite*: Rhetoric 1 and 2. Professor SAUNDERS, Associate Professor ANDERSON, Mr. WEEKS.

## Courses for Advanced Undergraduates

*Junior standing is prerequisite for all the following courses unless otherwise specified.*

6. ADVANCED NARRATIVE COMPOSITION.—Short-story writing. Intended for those who have some aptitude for literary work. I and II, (3). *Prerequisite*: Consent of instructor. Associate Professor WEIRICK, Mrs. TRELEASE.
7. ADVANCED NARRATIVE COMPOSITION.—II, (3). *Prerequisite*: Consent of instructor. Associate Professor WEIRICK.
8. ADVANCED COMPOSITION.—Criticism, theory, and practice. Essay writing. I, (3). Assistant Professor TUPPER.
21. ADVANCED BUSINESS WRITING.—Sales letters; circulars; bulletins, articles for trade journals and house organs; reports. I, (2). Professor SAUNDERS.

†Navy College Training Program course, open to engineering students.

22. SPECIAL TYPES OF BUSINESS WRITING.—Business reports and articles for business magazines. S, I, and II, (2). *Prerequisite:* Rhetoric 10. Associate Professor ANDERSON; (S, Professor SAUNDERS).
- [46. DRAMATIC COMPOSITION.—II, (3). Not given in 1944-1945. Professor HILLEBRAND.]

## SPEECH

### Requirements for L.A.S. Students

*Major:* 20 hours in Speech, including Speech 3, 6, 8, 18, and 19.

*Minors:* 20 hours in English, excluding English 41, 42, and Rhetoric 0, 1, 2, 5, 10, 21, 22, and including one course in English literature chosen from the advanced group; or 20 hours in English (excluding the previously mentioned courses) and one of the following subjects: economics, French, German, Greek, history, Latin, law, philosophy, political science, psychology, or sociology. At least eight hours must be taken in each subject, if two are chosen.

### Courses for Undergraduates

1. PRINCIPLES OF EFFECTIVE SPEAKING.—Speech composition; delivery; how to hold the attention and interest of the audience. Short expository and argumentative talks on selected topics. S, I, and II, (3). Seniors receive only two hours credit. Open to freshmen. Associate Professor PARRISH, Assistant Professor WINDESHEIM, Miss HOCHMUTH, Mrs. GOLDMAN, Mrs. GRAHAM, Mrs. THOMAS, Mrs. MCKINNEY, Miss HOFFMAN, Miss WILLIAMS, Mrs. HOOD.
2. BUSINESS AND PROFESSIONAL SPEAKING.—Persuasion, composition, and delivery of common types of business and semi-public addresses. I and II, (2). *Prerequisite:* Speech 1; sophomore standing. Assistant Professor WINDESHEIM.
3. ARGUMENTATION.—Construction of arguments, adaptation to audiences, refutation, practice debates on topics of current interest. I and II, (3). *Prerequisite:* Speech 1; sophomore standing. Assistant Professor WINDESHEIM, Mrs. GRAHAM.
5. VOICE IMPROVEMENT.—A drill course for the improvement of the normal speaking voice. I and II, (1). Seniors receive only one-half hour credit. *Prerequisite:* Consent of instructor. Open to freshmen. Mrs. HUNTER.
10. ORAL INTERPRETATION OF LITERATURE.—Principles of interpretation; analysis and oral reading of prose literature and verse. S, I, and II, (2). Seniors receive only one hour credit. Open to freshmen. Associate Professor PARRISH, Assistant Professor WINDESHEIM, Mrs. GOLDMAN, Miss HOFFMAN, Mrs. THOMAS, Miss SHILEY, Miss BYNUM.

### Courses for Advanced Undergraduates

- [4. ADVANCED ARGUMENTATION.—II, (3). *Prerequisite:* Speech 3; junior standing. Not given in 1944-1945.]
6. PERSUASION.—I, (3). *Prerequisite:* Speech 1; junior standing. Miss HOCHMUTH.
- [7. METHODS AND MATERIALS OF PUBLIC DISCUSSION.—II, (3). *Prerequisite:* Speech 3 or 6; junior standing. Not given in 1944-1945. Associate Professor PARRISH.]
8. FUNDAMENTALS OF ACTING.—S, (2); I and II, (3). *Prerequisite:* Speech 10. Sophomore standing. Assistant Professor SWANSON, Dr. SHATTUCK, Mrs. MCKINNEY.
- [9. ORAL INTERPRETATION OF SHAKESPEARE.—I, (2). *Prerequisite:* Speech 10; sophomore standing. Not given in 1944-1945. Assistant Professor NELSON.]
11. ELEMENTS OF STAGECRAFT.—Practice in staging and producing plays. S, (2); I, (4). *Prerequisite:* Speech 8; sophomore standing. Assistant Professor SWANSON.
12. TEACHING OF SPEECH.—Organization of high school and college courses; methods; debate and contest coaching; theatricals; standards of criticism. S and II, (2). *Prerequisite:* Ten hours of speech, or consent of instructor; junior standing. Assistant Professor NELSON; (S, Associate Professor PARRISH).
13. METHODS OF TEACHING LIP READING.—I, (3). *Prerequisite:* Junior standing; consent of instructor. Miss QUINN.
16. PLAY DIRECTING.—S, (2); II, (3). *Prerequisite:* Speech 8; junior standing. Assistant Professor SWANSON.

### Courses for Advanced Undergraduates and Graduates

- 14a. SPEECH CORRECTION.—Causes, symptoms, and treatment of speech disorders, with clinical practice. S, I, and II, (3). *Prerequisite:* Ten hours of speech, or consent of instructor; senior standing. Assistant Professor NELSON.



- 14b. SPEECH CORRECTION.—II, (3). *Prerequisite:* Speech 14a. Assistant Professor NELSON.
- CLINICAL PRACTICE 1-2.—Case work in remedial speech. S, I, and II, (1 to 3). *Prerequisite:* Must be taken concurrently with Speech 14a-14b. Assistant Professor NELSON, Mrs. HUNTER, Miss WALTER, Miss QUINN, Miss PREUCIL.
15. METHODS OF TEACHING SPEECH TO THE DEAF.—II, (3). *Prerequisite:* Speech 13 and 14a, or consent of instructor; senior standing. Miss QUINN.
17. ADVANCED INTERPRETATION.—Principles of literary criticism applied to oral interpretation. II, (3). *Prerequisite:* Speech 10; junior standing. Associate Professor PARRISH.
18. PRONUNCIATION.—Methods of voice improvement; the sounds of English studied by means of the International Phonetic Alphabet. S, (2); I, (3). *Prerequisite:* Junior standing. Associate Professor PARRISH.
19. SPEECH SCIENCE.—Principles of physics involved in the production of speech sounds. S, (2); I, (3). *Prerequisite:* Ten hours of speech, or consent of instructor; junior standing. Assistant Professor WINDESHEIM.
20. SPEECH SCIENCE.—Principles of physiology involved in the production of speech sounds. II, (3). *Prerequisite:* Ten hours of speech, or consent of instructor; junior standing. Assistant Professor WINDESHEIM.
21. THEORIES OF PLAY PRODUCTION.—Development of modern theatrical production; application of its aesthetic principles and techniques to problems of acting, directing, and staging. II, (3). Assistant Professor SWANSON.
22. HISTORY OF THE THEATRE.—The theatre and the theatre arts from 1576 to 1900, with special reference to the English-speaking theatre. I, (3). Dr. SHATTUCK.

### Courses for Graduates

NOTE:—Students who enter on graduate work with speech as their major must give evidence of their ability to write good English, and must present the equivalent of fourteen hours of undergraduate work in speech. Students making speech their minor may be admitted to such courses as in the judgment of the instructor in charge they are qualified to pursue.

Candidates for the degree of Master of Arts in speech, in addition to complying with the general rules of the Graduate School, must (1) pass a general examination and (2) prepare a thesis on some subject approved by the faculty.

101. RESEARCH IN SPECIAL TOPICS.—S, I, and II, (1 unit). Associate Professor PARRISH, Assistant Professors WINDESHEIM, SWANSON, and NELSON.
114. SEMINAR IN SPEECH CORRECTION.—S, I, and II, (1 to 2 units). Assistant Professor NELSON.
- [119. SEMINAR IN SPEECH SCIENCE.—Continuous through I and II, (1 to 2 units). Not given in 1944-1945. Assistant Professor WINDESHEIM.]
- 121a-121b. THE HISTORY OF RHETORICAL THEORY.—S and I (121a only), (1 unit). 121b not given in 1944-1945. Associate Professor PARRISH.

## ENTOMOLOGY

*Professors:* METCALF (Head of the Department), HAYES.

*Associate Professors:* BALDUF, KEARNS.

*Assistant Professors:* MILUM.

*Assistants:* RAPP.

*Research Assistants:* FERGUSON.

### Requirements for L.A.S. Students

*Major:* 20 hours in entomology, excluding Entomology 1, 2, and 31. At least five hours must be taken from the advanced group.

*Minors:* 20 hours in not more than two of the following subjects, with at least eight hours in each subject if two are chosen: agronomy, bacteriology, botany, chemistry, horticulture, physiology, and zoology.

### Courses for Undergraduates

NOTE:—Entomology 1 is open to freshmen, and 2 and 31 to sophomores, without prerequisites. Either 1 or both 2 and 9 are prerequisite to all other courses in the

department. Recommended sequences of courses are 1, 8, 14, 20, and 31, for those desiring strictly practical or economic work; 2, 9, and 21, for those interested in the cultural or biological values of insect study. For students whose major is entomology, a desirable, though not required, sequence is: Entomology 1, 9, 7, 3, 4, 8, 10, 14, 20, 21.

- 1a. **DESTRUCTIVE AND USEFUL INSECTS.**—A practical course covering the fundamentals of methods of injury and benefit by insects, their morphology, physiology, metamorphosis, classification, and control. The recognition, nature of injury, life-history, habits, and control of the most destructive pests of field crops, vegetables and fruits, household and stored products, domestic animals and man. Lectures and discussions. To accompany Entomology 1b, but may be taken alone. I and II, (3). Professors METCALF and HAYES.
- 1b. **DESTRUCTIVE AND USEFUL INSECTS.**—Study of actual specimens of insects, insecticides, etc., illustrating their external and internal anatomy, the various types of mouth parts, their metamorphosis, training in the keying out and classifying of insects to order and family, and control measures; experience in the recognition of the specific pests discussed in Entomology 1a and the damage they do. I and II, (2). *Prerequisite:* Entomology 1a, or concurrent registration therein. Professors METCALF and HAYES, Associate Professor KEARNS, Assistant Professor MILUM.
2. **INSECTS: THEIR LIFE AND IMPORTANCE TO MAN.**—Non-technical, cultural course of readings and illustrated lectures, with exhibits. Orders of insects, their manner of life and development, feeding and nesting; how they protect themselves; their relation to animals and flowers; disease transmission; injuries and benefits; recognition and control. S, I, and II, (2). *Prerequisite:* Sophomore standing. Not open to students who have credit in Entomology 1a. Associate Professor BALDUF.
- [3. **CLASSIFICATION OF INSECTS (ORDERS WITH GRADUAL METAMORPHOSIS) AND PRINCIPLES OF SYSTEMATIC ENTOMOLOGY.**—II, (5). *Prerequisite:* Entomology 9, or equivalent; sophomore standing. Given in alternate years; not given in 1944-1945. Associate Professor BALDUF.]
- [4. **CLASSIFICATION OF INSECTS (ORDERS WITH COMPLETE METAMORPHOSIS).**—II, (5). *Prerequisite:* Entomology 9, or equivalent; sophomore standing. Given in alternate years; not given in 1944-1945. Associate Professor BALDUF.]
- 7a-7b. **INSECT MORPHOLOGY.**—External and internal morphology; physiology. I and II, (5). *Prerequisite:* Entomology 1a or 9; sophomore standing. Given in 1944-1945 and in alternate years. Professor HAYES.
- [8b. **INSECT PESTS OF FIELD CROPS.**—II, (3). *Prerequisite:* Entomology 1a or 9; sophomore standing. Given in alternate years; not given in 1944-1945. Professor HAYES.]
9. **COLLECTION AND CLASSIFICATION OF INSECTS.**—Discussions and laboratory. I and II, (3). *Prerequisite:* Credit or registration in Entomology 1a or 2. Associate Professor BALDUF.
- [S18a-18b. **INSECTS IN RELATION TO NATIONAL DEFENSE AND THE VITAL WAR EFFORTS.**—S, (1½). Not given in 1944. Professor METCALF.]
31. **ESSENTIALS OF BEEKEEPING.**—Structure of the honeybee; behavior as a basis for seasonal management. Lectures, laboratory, and general apiary manipulations. S, I, and II, (1 or 2). *Prerequisite:* Sophomore standing. Assistant Professor MILUM.

#### Courses for Advanced Undergraduates and Graduates

6. **SPECIAL PROBLEMS.**—Open to seniors ready to take up some special investigation which may be completed as an undergraduate study, or be a beginning of a thesis problem for an advanced degree. S, I, and II, (2 to 5). *Prerequisite:* Any of the following: Entomology 3, 4, 7, 8, 10, 14, 20, 21, 22, or 31; senior standing. Members of the department.
- [10a-10b. **MORPHOLOGY AND TAXONOMY OF IMMATURE INSECTS.**—I and II, (3). *Prerequisite:* Entomology 7a; senior standing. Given in alternate years; not given in 1944-1945. Professor HAYES.]
- [S11a-11b. **FACTS WHICH EVERY CITIZEN SHOULD KNOW ABOUT INSECTS.**—Especially important for teachers of biology, zoology, general science, and agriculture, and for workers in the biological and medical sciences, agriculture, and horticulture. S, (2½). Not given in 1944. Professor METCALF.]
- S12. **ENTOMOLOGY FOR TEACHERS.**—S, (3). *Prerequisite:* An elementary course in entomology, zoology, or biology; senior standing. Associate Professor BALDUF, Assistant Professor MILUM.

14. MEDICAL AND VETERINARY ENTOMOLOGY.—(Formerly Entomology 8c.) Training in the recognition, classification, methods of injury, habits, and control or destruction of insects, mites, and ticks which are predators or parasites or disseminators of diseases among men and domestic animals all over the world. II, (4 or 5). *Prerequisite*: Entomology 1a or 9. Professor METCALF.
20. INSECT CONTROL.—Chemical, physical, cultural, biological, and legal control measures used against insects, with actual practice in their application. Intended to prepare students for professional or commercial work as entomologists, pest control operators, or agricultural and horticultural agents in insect suppression and research. I, (4). *Prerequisite*: Entomology 1a or 9; senior standing. Professor METCALF, Associate Professor KEARNS.
- [21. INSECT BIONOMICS.—II, (3). *Prerequisite*: Entomology 1a or 9; senior standing. Given in alternate years; not given in 1944-1945. Professor METCALF.]

### Courses for Graduates

NOTE:—The prerequisite for graduate work in entomology is two years of undergraduate biology, including zoology and entomology. A student who chooses entomology as a major for an advanced degree must have had at least six hours of undergraduate courses in entomology. A reading knowledge of French or German is required by the beginning of the second year.

For a master's degree in the biological sciences, see page 243.

100. RESEARCH.—S, I, and II, ( $\frac{1}{2}$  to 4 units).
- (a) MORPHOLOGY AND EMBRYOLOGY OF INSECTS.—Professor HAYES.
- (b) ECONOMIC ENTOMOLOGY.—Professors METCALF and HAYES.
- (c) SYSTEMATIC ENTOMOLOGY.—Professor METCALF, Associate Professor BALDUF.
- (d) BIOLOGY AND ECOLOGY OF INSECTS.—Professor METCALF, Associate Professor BALDUF.
- 107a-107b. INSECT ANATOMY.—I and II, (1 unit). Given in 1944-1945 and in alternate years. Professor HAYES.

## FORESTRY

Professor SPAETH (Head of the Department)

### Courses for Undergraduates

1. GENERAL FORESTRY.—The forest as a renewable natural resource; the aims and scope of forestry; economic and social importance of forests to the nation; the principles of forest management and protection; the development of public and private forestry in the United States; forestry as a profession. II, (3). *Prerequisite*: Sophomore standing, or registration in the pre-forestry curriculum. Professor SPAETH.

## FRENCH

*Professors*: JACKSON (Head of the Department), OLIVER (Emeritus), D. H. CARNAHAN (Emeritus), WILL.

*Associate Professors*: PECKHAM, GULLETTE.

*Assistant Professors*: JACOB.

*Associates*: COLMAN.

*Instructors*: SHAW,<sup>1</sup> VIENS,<sup>1</sup> PIETRANGELI, DAGGETT.

*Assistants*: ALEXANDER,<sup>2</sup> REED, CHAMBERLIN,<sup>1</sup> STAAKS,<sup>1</sup> PLAYE, S. E. CARNAHAN, FISK.

### Requirements for L.A.S. Students

*Major*: 20 hours of French excluding French 1a, 1b, 2a, 6a, and 6b, and including at least five hours from the group for advanced undergraduates and graduates.

*Minors*: 20 hours in not more than two of the following subjects, with at least eight hours in each subject if two are chosen: education, English (excluding Rhetoric 1 and 2), German, Greek, history, Italian, Latin, philosophy, Spanish.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence for the year.

## Courses for Undergraduates

- 1a. ELEMENTARY FRENCH.—Grammar, pronunciation, reading of modern authors, composition, conversation. For students who have had no work in French. S, I, and II, (4). Seniors receive only three hours credit. No credit toward graduation is given for French 1a without French 1b. Associate Professor GULLETTE, Dr. COLMAN, Dr. DAGGETT, Dr. PIETRANGELI, Miss CARNAHAN, Miss FISK, Mrs. PLAYE, Miss REED.
- 1b. ELEMENTARY FRENCH (CONTINUED).—S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite:* French 1a, or one year of high school French. Associate Professor GULLETTE, Dr. COLMAN, Dr. DAGGETT, Dr. PIETRANGELI, Miss CARNAHAN, Miss FISK, Mrs. PLAYE, Miss REED.
- 2a. MODERN FRENCH.—Rapid reading of modern authors; syntax and composition. S, I, and II, (4). *Prerequisite:* French 1b, or two years of high school French. Professor JACKSON, Associate Professor GULLETTE, Assistant Professor JACOB, Dr. COLMAN, Dr. DAGGETT, Dr. PIETRANGELI, Miss FISK, Mrs. PLAYE, Miss REED.
- 2b. MODERN FRENCH (CONTINUED).—Rapid reading of modern authors; syntax and composition. S, I, and II, (4). *Prerequisite:* French 2a, or three years of high school French. Professor JACKSON, Associate Professor GULLETTE, Assistant Professor JACOB, Dr. COLMAN, Dr. DAGGETT, Dr. PIETRANGELI, Miss FISK, Mrs. PLAYE, Miss REED.
- 3a. INTRODUCTION TO FRENCH LITERATURE.—S and I, (3). *Prerequisite:* French 2b, or four years of high school French. Associate Professor PECKHAM, Assistant Professor JACOB; (S, Professor WILL, Associate Professor GULLETTE).
- 3b. INTRODUCTION TO FRENCH LITERATURE (CONTINUED).—II, (3). *Prerequisite:* French 2b, or four years of high school French. Associate Professor PECKHAM, Assistant Professor JACOB.
- [S4a. GRAMMAR AND SYNTAX.—S, (1). *Prerequisite:* One year of college French, or two years of high school French. Not given in 1944.]
- [S4b. GRAMMAR AND SYNTAX (CONTINUED).—S, (1). *Prerequisite:* French 2a, or three years of high school French. Not given in 1944.]
- 6a. COMPOSITION AND CONVERSATION.—S and I, (2). *Prerequisite:* French 1b, or two years of high school French. Dr. COLMAN.
- 6b. COMPOSITION AND CONVERSATION (CONTINUED).—II, (2). *Prerequisite:* French 6a, or three years of high school French. Dr. COLMAN.
- 7a. INTERMEDIATE COMPOSITION AND CONVERSATION.—Conducted largely in French. I, (2). Prospective teachers of French are strongly advised to take French 7a and 7b. *Prerequisite:* French 2b, or 6b, or equivalent. Associate Professor PECKHAM, Dr. COLMAN.
- 7b. INTERMEDIATE COMPOSITION AND CONVERSATION (CONTINUED).—Conducted largely in French. II, (2). Prospective teachers of French are strongly advised to take French 7a and 7b. *Prerequisite:* French 7a, or equivalent. Associate Professor PECKHAM, Dr. COLMAN.
- 8a. ADVANCED COMPOSITION AND CONVERSATION.—Idiomatic constructions; syntax; themes. Conducted entirely in French. Especially for prospective teachers. I, (2). *Prerequisite:* French 7b, or equivalent. Professor JACKSON.
- 8b. ADVANCED COMPOSITION AND CONVERSATION (CONTINUED).—Conducted entirely in French. Especially for prospective teachers. II, (2). *Prerequisite:* French 8a. Professor JACKSON.
25. METHODS OF TEACHING FRENCH.—Discussion and laboratory work in phonetics. S and I, (3). *Prerequisite:* 20 hours in French, or 16 hours in French plus 20 in Spanish; senior standing or consent of instructor. Associate Professor GULLETTE.
- 28a-28b. SENIOR THESIS.—For candidates for honors in French and for other seniors. S, I, and II, (2). Members of the department.

## Courses for Advanced Undergraduates and Graduates

NOTE:—French 3a-3b or the equivalent and junior standing, or senior standing and consent of instructor, are prerequisite to all the following courses.

- 10a. SURVEY OF FRENCH LITERATURE.—I, (3). Associate Professor PECKHAM.
- 10b. SURVEY OF FRENCH LITERATURE (CONTINUED).—II, (3). Associate Professor PECKHAM.

- 17a. MODERN FRENCH DRAMA.—S and I, (2). Professor WILL; (S, Associate Professor GUILLETTE).
- 17b. MODERN FRENCH DRAMA (CONTINUED).—II, (2). Professor WILL.
- 24a. FRENCH DRAMA OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.—I, (3). Professor WILL.
- 24b. FRENCH DRAMA OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES (CONTINUED).—II, (3). Professor WILL.
- 32a. FRENCH NOVEL OF THE NINETEENTH CENTURY.—S and I, (3). Assistant Professor JACOB; (S, Associate Professor PECKHAM).
- 32b. FRENCH NOVEL OF THE NINETEENTH CENTURY (CONTINUED).—II, (3). Assistant Professor JACOB.
- 33a. LA LITTÉRATURE CONTEMPORAINE.—(In French). I, (2). Assistant Professor JACOB.
- 33b. LA LITTÉRATURE CONTEMPORAINE (CONTINUED).—(In French). II, (2). Assistant Professor JACOB.
- [34a. BALZAC AND THE SOCIAL NOVEL.—I, (3). Not given in 1944-1945. Professor JACKSON.]
- [34b. BALZAC AND THE SOCIAL NOVEL (CONTINUED).—II, (3). Not given in 1944-1945. Professor JACKSON.]
- [35a. CIVILISATION FRANÇAISE.—(In French). I, (2). Not given in 1944-1945. Assistant Professor JACOB.]
- [35b. CIVILISATION FRANÇAISE (CONTINUED).—(In French). II, (2). Not given in 1944-1945. Assistant Professor JACOB.]

### Courses for Graduates

NOTE:—Students beginning graduate work for an advanced degree in French must have at least three years of college work in French, including one advanced literary course. Students who have a knowledge of Latin and of Spanish or Italian, together with a reading knowledge of German, will find their work for an advanced degree greatly facilitated.

- [101a-101b. OLD FRENCH LITERATURE.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor PECKHAM.]
- [102a-102b. VILLON, RABELAIS, MONTAIGNE, LA PLÉIADE.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor WILL.]
- 103a-103b. SEVENTEENTH CENTURY LITERATURE.—S, and continuous through I and II, (1 unit). Professor WILL.
- [104a-104b. EIGHTEENTH CENTURY LITERATURE.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor PECKHAM.]
- [S105. CLASSIC FRENCH DRAMA.—S, ( $\frac{3}{4}$  to 1 unit). Not given in 1944. Assistant Professor JACOB.]
- 127a-127b. NINETEENTH CENTURY LITERATURE TO 1850.—Continuous through I and II, (1 unit). Professor JACKSON.
- [128a-128b. ORIGIN AND DEVELOPMENT OF THE NOVEL IN FRANCE.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [129a-129b. RESEARCH PROBLEMS IN FRENCH ROMANTICISM.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [132a-132b. LE SYMBOLISME FRANÇAIS.—(In French). Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [133a-133b. VICTOR HUGO, HIS INFLUENCE AND HIS CRITICS.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- S135. MODERN FRENCH NOVEL.—S, ( $\frac{3}{4}$  to 1 unit). Associate Professor PECKHAM.
- [144a-144b. FRENCH REALISM AND NATURALISM.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor JACKSON.]
- [145a-145b. LA LITTÉRATURE CONTEMPORAINE.—(In French). Continuous through I and II, (1 unit). Not given in 1944-1945. Assistant Professor JACOB.]
- 175a-175b. OLD FRENCH PHONOLOGY AND MORPHOLOGY.—Continuous through I and II, (1 unit). Associate Professor PECKHAM.
- 195a-195b. SEMINAR.—Research work in special topics. S, and continuous through I and II, (1 to 2 units). Professors JACKSON and WILL, Associate Professor PECKHAM, Assistant Professor JACOB.

## GENERAL ENGINEERING DRAWING

*Professors:* JORDAN (Head of the Department), HOELSCHER, SPRINGER.  
*Associate Professors:* PORTER.  
*Assistant Professors:* JORGENSEN, HALL, WALKER, LENDRUM.  
*Associates:* CROSSMAN, PIERCE.<sup>2</sup>  
*Instructors:* LARSON,<sup>1</sup> PEARSON,<sup>1</sup> STARR, HANSON,<sup>1</sup> DOBROVOLNY, SHOOK.  
*Assistants:* ALGEO.

### Courses for Undergraduates

1. ELEMENTS OF DRAWING.—Lettering; orthographic projection; working drawings; chart and diagram drawing; isometric and oblique drawing; freehand sketching; tracings; methods of reproducing drawings. S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite:* Plane geometry. Members of the department.
2. DESCRIPTIVE GEOMETRY.—Theory of projections; solution of theoretical and practical problems involving size, shape, and relative position of common geometrical magnitudes such as points, lines, planes, curved surfaces, and solids; intersections, developments, shades and shadows, perspective drawing, etc. S, I, and II, (4). *Prerequisite:* Plane and solid geometry. Members of the department.
3. AIRCRAFT DRAFTING AND LOFTING.—Aircraft terminology control and reference surfaces and systems. Sheet metal terminology and fabrication. Drafting standards and types of drawings. Drafting room manuals and standard handbooks. Descriptive geometry applied to simple layouts and details. Aircraft fastenings. Lofting—plan, tapered, and double cornered surfaces, airfoils, intersections. Practices and standards incidental to the foregoing considerations. I and II, (2). *Prerequisite:* General Engineering Drawing 1 or 4, and 2. Professor HOELSCHER.
4. ADVANCED DRAWING.—Review of orthographic projection and working drawings; isometric, oblique, perspective, chart and diagram, topographical, architectural, and structural drawing. S and I, (4). *Prerequisite:* Three years of high school drawing, or the equivalent. Members of the department.
6. ELEMENTS OF DRAWING.—Same topics covered as in General Engineering Drawing 1 plus piping and perspective drawing. For students in chemical engineering. I, (3). *Prerequisite:* Plane geometry. Assistant Professor WALKER.
7. ARCHITECTURAL PROJECTIONS.—Instrumentation; lettering; projection; intersections; conventions; shades and shadows; oblique, isometric, and perspective drawing. S, I, and II, (2). *Prerequisite:* Plane and solid geometry. Associate Professor PORTER, Assistant Professor LENDRUM, Mr. SHOOK.
8. ARCHITECTURAL PROJECTIONS (CONTINUED).—Shades and shadows; oblique, isometric, and perspective drawing; developments. S, I, and II, (2). *Prerequisite:* General Engineering Drawing 7. Associate Professor PORTER, Assistant Professor LENDRUM, Mr. SHOOK.
- [10. PICTORIAL DRAWING.—I, (3 or 4). *Prerequisite:* General Engineering Drawing 2. Not given in 1944-1945.]
12. GRAPHICAL CALCULATIONS.—Construction and uses of nomographs, coordinate papers (principally logarithmic and semi-logarithmic), various types of slide rules, and mechanical calculating devices; other methods of engineering calculations. For students in engineering; accepted as an approved elective in all curricula of the College of Engineering. S, I, and II, (1). *Prerequisite:* General Engineering Drawing 1; Mathematics 6a. Professor SPRINGER, Assistant Professor HALL.

## GEOLOGY AND GEOGRAPHY

*Professors:* DEWOLF (Head of the Department), SAVAGE (Emeritus), QUIRKE, BLANCHARD, SHEPARD.<sup>1</sup>  
*Associate Professors:* SUTTON,<sup>2</sup> WANLESS, SCOTT.  
*Assistant Professors:* PAGE, GARLAND.  
*Associates:* CHAPMAN.<sup>1</sup>  
*Instructors:* BOOTH,<sup>1</sup> CUTSHALL,<sup>1</sup> OSWALD, BEIMFOHR, DELONG, PRUITT.<sup>2</sup>

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence for the year.

<sup>3</sup>First semester.

## GEOLOGY

## Requirements for L.A.S. Students

*Major:* 20 hours in geology, excluding Geology 1, 1a, 43, 44, and including at least five hours of courses not open to freshmen or sophomores. The following courses are considered most fundamental: Geology 2a, 6, 7, 9, 15, 16, 20, 24, and 33.

*Minors:* 20 hours chosen from one or two of the following subjects: astronomy, botany, chemistry, economics, geography, mathematics, physics, zoology, mining engineering, and civil engineering, after consultation with the Department of Geology and Geography. At least eight hours must be taken in each subject if two are chosen.

*Honors:* Only those students who have 4 hours credit in Geology 60a or 60b and write a thesis will be recommended for graduation with honors. Each student who desires research must obtain a written statement from the instructor under whom he is to work and present it to the head of the department at the time of registration.

Students planning to make geology their major subject are advised to take General Engineering Drawing 1 and Civil Engineering 1 or 15. Those planning to specialize in historical or paleontologic geology are advised to take Zoology 1 and 7, or 51 and 52, and Botany 1a. Those planning to follow economic geology should take foundation courses in chemistry, physics, and mathematics. Those desiring training which leads to executive positions with companies engaged in the development of various mineral industries should select appropriate courses in geology, after consulting with the head of the department, and should include in their program the following courses: Accountancy 1a, 1b, 12; Economics 2, 3, 35; Business Law 1a, 1b. At least one year of graduate work is very desirable as further training for all professional work in geology.

## Courses for Undergraduates

1. GENERAL GEOLOGY.—Cultural course. Surface features; agencies and processes of change; development of topographic forms; rocks and minerals; volcanoes, earthquakes, mountain-making forces; introduction to the history of the earth and the development of life. Lectures, quiz, and one field trip. S, I, and II, (3). Seniors receive only two hours credit. Professors DEWOLF and QUIRKE, Associate Professors WANLESS and SCOTT, Dr. OSWALD.
- 1a. GENERAL GEOLOGY LABORATORY.—S, I, and II, (2). *Prerequisite:* Geology 1, or concurrent registration therein, or Division of General Studies 4a-4b. Professors DEWOLF and QUIRKE, Associate Professor WANLESS, Dr. OSWALD, Miss CAMP.
- 2a. HISTORICAL GEOLOGY.—Evolution of the earth and its life. Discussion and quiz. I and II, (4). Seniors receive only three hours credit. *Prerequisite:* Geology 1, or Division of General Studies 4a-4b. Associate Professor SCOTT.
- [4. FIELD WORK.—II, (2). Credit will be given only on the completion of a satisfactory written report. *Prerequisite:* Geology 1. Not given in 1944-1945.]
- [17. PHYSIOGRAPHIC GEOLOGY.—II, (3). *Prerequisite:* Geology 1, or Geography 1 or 1a. Not given in 1944-1945.]
20. GENERAL MINERALOGY.—Crystallography; minerals of economic and scientific importance; blow-pipe analysis. Quiz and laboratory. II, (3). *Prerequisite:* One semester of chemistry, or Division of General Studies 4a-4b. Professor QUIRKE, Dr. OSWALD.
- [43. ENGINEERING GEOLOGY.—I and II, (3). *Prerequisite:* Sophomore standing in the College of Engineering. Not given in 1944-1945. Professor QUIRKE.]
- [44. AGRICULTURAL GEOLOGY.—I and II, (3). *Prerequisite:* Sophomore standing in the College of Agriculture. Not given in 1944-1945.]

## Courses for Advanced Undergraduates and Graduates

6. OPTICAL MINERALOGY.—Optical properties of minerals and use of the petrographic microscope. Emphasis on oil immersions. Designed for students in geology, ceramics, agriculture, chemistry, or physics. Lectures and laboratory. I, (3). *Prerequisite:* Geology 20; junior standing. Professor QUIRKE, Dr. OSWALD.
7. PETROLOGY.—Composition, structures, textures, origin, and classification of rocks. Studies of thin sections and hand specimens. Lectures and laboratory. II, (4). *Prerequisite:* Geology 6. Professor QUIRKE.

9. INVERTEBRATE PALEONTOLOGY.—Fossil groups in biological sequence. Lectures and laboratory. I, (3). *Prerequisite:* Geology 2a; junior standing. Associate Professor SCOTT.
15. STRUCTURAL GEOLOGY.—Rock deformation and its results. Lectures, laboratory, and field trip. I, (3). *Prerequisite:* Geology 2a; junior standing. Professor QUIRKE.
16. STRATIGRAPHY.—Fossil faunas, with special reference to Paleozoic invertebrates, correlation, and stratigraphy. II, (3). *Prerequisite:* Geology 9. Associate Professor SCOTT.
- [24. FIELD METHODS.—II, (3). Credit will be given only on completion of a satisfactory written report. *Prerequisite:* Geology 2a; junior standing. Not given in 1944-1945. Associate Professor WANLESS.]
33. GEOLOGIC MAPS.—Interpretation of topographic, geologic, and structural maps. II, (3). *Prerequisite:* Geology 2a; junior standing. Associate Professor WANLESS.
- [39. GEOLOGY OF ILLINOIS.—I, (3). *Prerequisite:* Geology 2a; junior standing. Given in alternate years; not given in 1944-1945. Associate Professor WANLESS.]
- 60a-60b. INTRODUCTION TO RESEARCH.—Limited to seniors whose major is geology and mechanical engineering students who take Geology 61a-61b. Required of geology majors graduating with honors. S, I, and II, (2). Members of the department.
- [61a-61b. APPLIED PETROLEUM GEOLOGY.—Primarily for students in the College of Engineering. Continuous through I and II, (3). *Prerequisite:* Geology 43 and 2a, or consent of head of department. Not given in 1944-1945. Professor DEWOLF.]
- [95. ECONOMIC GEOLOGY (NON-METALLIC).—I, (3). *Prerequisite:* Geology 2a or 43, and 20. Given in alternate years; not given in 1944-1945. Professor DEWOLF.]
96. ECONOMIC GEOLOGY (METALLIC).—Nature, occurrence, and origin of metalliferous deposits; theories of ore deposition. II, (3). *Prerequisite:* Geology 2a or 43, and 20. Given in 1944-1945 and in alternate years. Professor QUIRKE.

### Courses for Graduates

NOTE:—For graduate work in geology the student must usually have had at least an undergraduate major in geology and an acceptable field training. The following undergraduate courses are recommended: Geology 2a, 20, 9, 15, 16, 24, 33, 6, 7. Graduate students in other departments may nevertheless be admitted to certain graduate courses in geology. A candidate for a master's degree in geology must pass a general examination toward the close of the second semester of residence, covering the fields of geology as embraced in the courses listed above and in the graduate courses taken.

- [101. ADVANCED CRYSTALLOGRAPHY.—I and II, (1 unit). Given in alternate years; not given in 1944-1945. Professor QUIRKE.]
- [102. PETROGRAPHY.—I and II, (1 unit). Given in alternate years; not given in 1944-1945. Professor QUIRKE.]
- [123. GEOLOGY OF THE OCEAN.—I, (1 unit). Given in alternate years; not given in 1944-1945. Professor SHEPARD.]
- [125. SEDIMENTATION.—I, (1 unit). Not given in 1944-1945. Associate Professor WANLESS.]
- [126. SEDIMENTARY PETROLOGY.—II, (1 unit). Not given in 1944-1945. Associate Professor WANLESS.]
134. ADVANCED STUDIES IN GEOLOGY.—Supervised individual study in the metamorphism, pre-Cambrian geology, ore deposition, and other subjects. I and II, (½ to 2 units). Members of the department.
135. RESEARCH.—Individual work under supervision of members of the staff in their respective fields. S, I, and II, (½ to 4 units). Members of the department.
- [141. ADVANCED PALEONTOLOGY.—II, (1 unit). Not given in 1944-1945. Associate Professor SUTTON.]
142. STRATIGRAPHIC GEOLOGY: PALEOZOIC.—Distribution, character, classification, and characteristic fossils of the formations. I, (1 unit). Associate Professor SCOTT.
- [143. STRATIGRAPHIC GEOLOGY: MESOZOIC AND CENOZOIC.—II, (1 unit). Not given in 1944-1945. Associate Professor SUTTON.]
145. MICROPALEONTOLOGY.—Classification of microorganisms, foraminifera, ostracods, conodonts, solecodonts, and other major groups; stratigraphic correlations. II, (1 unit). Associate Professor SCOTT.



- [151. ADVANCED DYNAMIC GEOLOGY.—II, (1 unit). Given in alternate years; not given in 1944-1945. Professor SHEPARD.]
- [152. ADVANCED HISTORICAL GEOLOGY.—II, (1 unit). Given in alternate years; not given in 1944-1945. Associate Professor SUTTON.]
- 160. PETROLEUM GEOLOGY.—Continuous through I and II, (1 unit). Given in 1944-1945 and in alternate years. Professor DEWOLF.

GEOGRAPHY

Requirements for L.A.S. Students

*Major:* 20 hours in geography, excluding Geography 1 or 1a, and including Geography 60a and at least five hours of other courses not open to freshmen.

*Minors:* 20 hours chosen from one or two of the following subjects: botany, economics, education, geology, history, political science, sociology, and zoology. At least eight hours must be taken in each subject if two are chosen. The curriculum on international affairs will be accepted as a minor.

Courses for Undergraduates

- 1. ELEMENTS OF GEOGRAPHY.—The geographic point of view; elements of physical landscape; planetary relations, climate, climatic regions, land-forms; elements of material culture. Five hours of lecture, discussion, and quiz. S, (2½ or 5); I and II, (5). Seniors and those with credit in Geography 3 receive only four hours credit. Not open to students who have credit in Geography 1a. Professor BLANCHARD, Assistant Professors PAGE and GARLAND, Mr. BEIMFOHR and Mr. DELONG.
- [1a. ELEMENTS OF GEOGRAPHY.—For students in the College of Commerce. Similar to Geography 1 but providing only three hours of lecture, discussion, and quiz. I and II, (3). Seniors and those with credit in Geography 3 receive only two hours credit. Not open to students who have credit in Geography 1. Not given in 1944-1945. Dr. CUTSHALL.]
- 2. ECONOMIC GEOGRAPHY.—Geographic conditions affecting industries, production, and commerce of the world; development and relation of commercial areas to location and availability of resources; markets and transportation routes. Discussion and quiz. I and II, (5). Seniors and those with credit in Geography 3 receive only four hours credit. Not open to students who have credit in Geography 2a. *Prerequisite:* Geography 1 or 1a. Professor BLANCHARD.
- [2a. ECONOMIC GEOGRAPHY.—II, (3). Seniors receive only two hours credit. *Prerequisite:* Geography 1 or 1a. Not open to students who have credit in Geography 2. Not given in 1944-1945. Dr. CUTSHALL.]
- [3. WORLD REGIONAL GEOGRAPHY.—Open to all students who have no previous credit in college geography. Elective course for students in enlisted reserves. I and II, (3). Not given in 1944-1945.]
- [7. FIELD GEOGRAPHY.—II, (2). *Prerequisite:* Geography 1 or 1a. Not given in 1944-1945. Assistant Professor PAGE.]
- S9. TEACHING OF GEOGRAPHY.—Review of fundamental factual material; teaching devices; selection of equipment, including texts for upper grade and high school geography teachers. S, (2½). Professor BLANCHARD.
- [14. INTRODUCTION TO METEOROLOGY.—S, I, and II, (3). *Prerequisite:* Sophomore standing, or consent of instructor. Elective course for students in enlisted reserves. Not given in 1944-1945. Assistant Professor PAGE.]
- 16. GEOGRAPHY OF ILLINOIS.—A development of the regional concept of geography. Physical and cultural landscapes of the geographic regions of the state. I, (3). *Prerequisite:* Geography 1, 1a, or 3, or consent of instructor. Assistant Professor GARLAND.
- [18. INTERPRETATION OF MAPS AND AERIAL PHOTOGRAPHS.—Elective course for students in enlisted reserves. Students in civil engineering will receive no credit for this course. I, (3). Not given in 1944-1945. Associate Professor WANLESS.]

### Courses for Advanced Undergraduates

- 4a. GEOGRAPHY OF EASTERN NORTH AMERICA.—Regional study. Lectures and discussions. II, (3). *Prerequisite*: Junior standing; eight hours of geography. Given in 1944-1945, and in alternate years. Assistant Professor GARLAND.
- 4b. GEOGRAPHY OF WESTERN NORTH AMERICA.—Regional study. Lectures and discussions. I, (3). *Prerequisite*: Junior standing; eight hours of geography. Given in 1944-1945, and in alternate years. Assistant Professor GARLAND.
- [4c. GEOGRAPHY OF CARIBBEAN AMERICA.—I, (3). *Prerequisite*: Junior standing; eight hours of geography. Given in alternate years; not given in 1944-1945. Assistant Professor PAGE.]
- [5. GEOGRAPHY OF SOUTH AMERICA.—II, (2½). *Prerequisite*: Junior standing; eight hours of geography. Not given in 1944-1945.]
- [17. GEOGRAPHY OF TRADE TERRITORIES.—II, (3). *Prerequisite*: Two courses in geography; junior standing. Not given in 1944-1945.]

### Courses for Advanced Undergraduates and Graduates

8. GEOGRAPHY OF EUROPE.—Influences of climate, surface features, and natural resources on distribution of peoples, their industries, and routes of trade; new boundaries and economic problems. II, (3). *Prerequisite*: Eight hours of geography, including Geography 2 or 2a; junior standing. Professor BLANCHARD.
- [10. GEOGRAPHY OF AFRICA.—II, (3). *Prerequisite*: Junior standing; eight hours of geography. Given in alternate years; not given in 1944-1945.]
11. GEOGRAPHY OF ASIA.—Regional study. S, (2½). *Prerequisite*: Junior standing; eight hours of geography. Given in 1944-1945 and in alternate years. Assistant Professor GARLAND.
- [14a. CLIMATES OF THE CONTINENTS.—I, (3). *Prerequisite*: Geography 1 or 1a, and 14. Given in alternate years; not given in 1944-1945. Assistant Professor PAGE.]
- [53. PRODUCTION OF THE GREAT WORLD STAPLES.—II, (3). *Prerequisite*: Geography 2 or 2a; one regional course; junior standing. Given in alternate years; not given in 1944-1945. Professor BLANCHARD.]
54. ADVANCED COMMERCIAL GEOGRAPHY.—I, (3). *Prerequisite*: Geography 2 or 2a; one regional course; junior standing. Given in 1944-1945 and in alternate years. Professor BLANCHARD.
- 60a-60b. INTRODUCTION TO RESEARCH.—S, I, and II, (2). Limited to seniors and students whose major is geography, and to seniors whose major is in other departments who have twelve hours of geography, including a regional course. Members of the department.

### Courses for Graduates

NOTE:—For graduate work in geography the student must have had at least the equivalent of an undergraduate major in geography. Candidates for a master's degree should obtain from the department a copy of special regulations governing a preliminary examination for transfer students and a comprehensive examination near the close of the second semester of residence for all candidates.

134. ADVANCED STUDIES IN GEOGRAPHY.—S and I, (½ to 4 units). Professor BLANCHARD, Assistant Professor PAGE.
135. RESEARCH.—II, (½ to 4 units). Professor BLANCHARD, Assistant Professor PAGE.

### GERMAN

*Professors*: ARON<sup>1</sup> (Head of Department), BROOKS (Emeritus), WILLIAMS.

*Associate Professors*: GEISSENDOERFER.

*Assistant Professors*: BLAISDELL (Emerita), JEHLE, PENZL,<sup>2</sup> FREY.

*Associates*: GIESECKE.<sup>2</sup>

*Instructors*: STEGEMEIER, SPIECKER.

*Assistants*: GOESSLING,<sup>2</sup> ZUCKER, LAWRENCE, SCHENK.

*Summer of 1944 but not in current year*: U. E. FEHLAU, M. O. KISTLER, PAULINE STEINER.

<sup>1</sup>On leave of absence beginning March 5, 1945.

<sup>2</sup>On leave of absence for war service.

## Requirements for L.A.S. Students

*Major:* 20 hours in German, excluding courses 1 and 2, and including six hours in courses with a prerequisite of three years of college German or equivalent.

*Minors:* 20 hours in not more than two subjects chosen from the following list, with at least eight hours in each subject: education, English (excluding Rhetoric 1 and 2), French (excluding 1a), Greek, history, Italian, Latin, philosophy, Spanish (excluding 1a).

## Elementary and Intermediate Courses

1. ELEMENTARY COURSE.—Grammar and reading for beginners. Not open to students who have had high school credit in this language. S, I, and II, (4). Seniors receive only three hours credit. No credit toward graduation is given for German 1 without German 2. Associate Professor GEISSENDOERFER, Assistant Professors JEHLE and FREY, Dr. STEGEMEIER, Dr. SPIECKER, Miss ZUCKER, Mrs. LAWRENCE, Mr. SCHENK; (S, Assistant Professor FEHLAU, Mr. KISTLER, Miss STEINER).
2. ELEMENTARY COURSE (CONTINUED).—Grammar and reading. S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite:* German 1, or one year of high school German, or equivalent. Professor WILLIAMS, Associate Professor GEISSENDOERFER, Assistant Professors JEHLE and FREY, Dr. STEGEMEIER, Dr. SPIECKER, Mrs. LAWRENCE, Mr. SCHENK, Miss ZUCKER; (S, Mr. KISTLER, Miss STEINER).
4. INTERMEDIATE COURSE.—Modern narrative prose. Oral practice and sight reading. S, I, and II, (4). *Prerequisite:* German 2, or two years of high school German, or equivalent. Professor WILLIAMS, Associate Professor GEISSENDOERFER, Assistant Professor FREY, Dr. STEGEMEIER, Dr. SPIECKER; (S, Assistant Professor FEHLAU).
5. INTERMEDIATE COURSE (CONTINUED).—Literary reading. Modern narrative prose, but at the option of the instructor one of the easier classical works may also be read. Oral practice and sight reading. S, I, and II, (4). *Prerequisite:* German 4, or three years of high school German, or equivalent. Professor WILLIAMS, Associate Professor GEISSENDOERFER, Assistant Professors JEHLE and FREY, Dr. STEGEMEIER.
6. SCIENTIFIC READING.—Rapid reading of scientific prose. Parallel with German 5. Students may not take both German 5 and 6 for a total of more than four hours credit without permission of the department. II, (4). *Prerequisite:* German 4, or three years of high school German, or equivalent. Professor WILLIAMS.

## Courses for Advanced Undergraduates

7. MODERN FICTION.—Intended primarily for students who take German 5 the first semester. S, (3 to 4). *Prerequisite:* German 5, or equivalent. Assistant Professor FEHLAU, Dr. STEGEMEIER.
10. INTRODUCTORY GOETHE COURSE.—Goethe's life; reading of works illustrating different periods of his development. II, (3). *Prerequisite:* German 5, or equivalent. Professor ARON.
14. INTRODUCTORY SCHILLER COURSE.—Schiller's life; reading of works illustrating different periods of his development. I, (3). *Prerequisite:* German 5, or equivalent. Professor ARON.
- 16a. CONVERSATION AND WRITING.—S and I, (2). *Prerequisite:* German 5, or equivalent. Assistant Professor FREY, Dr. STEGEMEIER.
- 16b. CONVERSATION AND WRITING.—S and II, (2). *Prerequisite:* German 16a, or equivalent, or consent of instructor. Assistant Professor FREY; (S, Assistant Professor FEHLAU).
- 24a. NINETEENTH CENTURY DRAMA.—I, (2). *Prerequisite:* German 5, or equivalent. Assistant Professor JEHLE.
- 24b. NINETEENTH CENTURY DRAMA.—II, (2). *Prerequisite:* German 24a, or equivalent. Assistant Professor JEHLE.
- [25. TEACHERS' COURSE.—I, (2). *Prerequisite:* Three years of college German, or equivalent. Not given in 1944-1945. Assistant Professor JEHLE.]

- [28a. LYRICS AND BALLADS.—I, (2). *Prerequisite:* German 5, or equivalent; sophomore standing. Not given in 1944-1945. Professor WILLIAMS.]
- [28b. LYRICS AND BALLADS.—II, (2). *Prerequisite:* German 28a, or equivalent. Not given in 1944-1945. Professor WILLIAMS.]
- [29a. ADVANCED CONVERSATION AND WRITING.—I, (2). *Prerequisite:* German 16a, or equivalent. Not given in 1944-1945. Assistant Professor FREY.]
- [29b. ADVANCED CONVERSATION AND WRITING.—II, (2). *Prerequisite:* German 29a, or equivalent. Not given in 1944-1945. Assistant Professor FREY.]
- 30a-30b. SENIOR THESIS AND HONORS COURSE.—Intended primarily for candidates for honors in German, but open to other seniors. I and II, (2). *Prerequisite:* Three years of college German, or equivalent. Professor ARON and others.

#### Courses for Advanced Undergraduates and Graduates

- 19a. GOETHE'S FAUST.—I, (2). *Prerequisite:* Three years of college German, or equivalent. Associate Professor GEISSENDOERFER.
- [19b. GOETHE'S FAUST (CONTINUED).—II, (2). *Prerequisite:* German 19a, or equivalent. Not given in 1944-1945. Associate Professor GEISSENDOERFER.]
- 26a. GERMAN LITERATURE TO 1800.—I, (3). *Prerequisite:* Three years of college German, or equivalent. Professor ARON.
- 26b. GERMAN LITERATURE IN THE NINETEENTH CENTURY.—II, (3). *Prerequisite:* German 26a, or equivalent. Professor ARON.
31. MIDDLE HIGH GERMAN.—I, (2). *Prerequisite:* Senior standing; three years of college German, or equivalent. Professor WILLIAMS.
- [32. HISTORY OF GERMAN CIVILIZATION.—S, (2 or 3). *Prerequisite:* Three years of college German, or equivalent, or consent of instructor. Not given in 1944-1945. Professor ARON.]
- 39b. GOETHE AND SCHILLER.—S, (2 or 3). *Prerequisite:* Three years of college German, or equivalent, or consent of instructor. Professor WILLIAMS.
- 54a-54b. INTRODUCTION TO COMPARATIVE LITERATURE.—See English 54a-54b.

#### Courses for Graduates

NOTE:—Students desiring to take German as a major should have completed a four-year course of undergraduate study in German corresponding to the four-year course at this University, and should be familiar with the principal works of the writers of the classical and modern periods of German literature, show a general knowledge of the history of German literature, and be able to follow lectures in the German language. Of collateral subjects, a reading knowledge of French is important and is required for advanced graduate work. Some acquaintance with Latin and with German history is highly desirable.

- S101. SEMINAR IN VOLKSKUNDE WITH SPECIAL REFERENCE TO THE VOLKSLIED.—S, (½ to 2 units). Professor WILLIAMS.
- [101. SEMINAR IN GOETHE AND SCHILLER.—I, (1 unit). Not given in 1944-1945. Professor ARON.]
102. THESIS.—S, I, and II, (½ to 4 units). Professors ARON and WILLIAMS, Associate Professor GEISSENDOERFER, Assistant Professor JEHLE.
104. GOTHIC.—I, (1 unit). Professor WILLIAMS.
105. OLD HIGH GERMAN.—Grammar and interpretation of the oldest literary documents. II, (1 unit). Professor WILLIAMS.
- [113. GERMAN LITERATURE OF THE FIFTEENTH AND SIXTEENTH CENTURIES.—I, (1 unit). Not given in 1944-1945. Professor WILLIAMS.]
- [117. GERMAN LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.—I, (1 unit). Not given in 1944-1945. Professor ARON.]
- [121. WALTHER VON DER VOGELWEIDE.—II, (1 unit). Not given in 1944-1945. Professor WILLIAMS.]
- [121a. THE NIBELUNGENLIED.—II, (1 unit). Not given in 1944-1945. Professor WILLIAMS.]
- [125. HISTORY OF THE GERMAN LANGUAGE.—II, (1 unit). Not given in 1944-1945.]
127. GERMAN ROMANTICISM.—II, (1 unit). Associate Professor GEISSENDOERFER.

## HISTORY

*Professors:* PEASE (Head of Department), ROBERTSON (Emeritus),<sup>1</sup> LYBYER (Emeritus), DIETZ, JONES, RANDALL, SWAIN, RODKEY,<sup>2</sup> SHANNON.

*Associate Professors:* WERNER, STEARNS.

*Assistant Professors:* DUNBAR,<sup>2</sup> ERICKSON,<sup>3</sup> NOWELL,<sup>3</sup> SHAY.

*Associates:* BONE,<sup>3</sup> ODEGAARD,<sup>3</sup> BELTING, KING, SIRICH.

*Instructors:* STARR,<sup>3</sup> CORLETT.

*Assistants:* BUNCH, WELTIN, ROBERTS, MARLOW, LUDWIG, HARPER, SEARLS.

*Research Assistants:* DONALD.

*Cooperating:* Professor W. A. OLDFATHER, Associate Professor F. H. BEACH, Assistant Professor P. C. ROBERTS.

## Requirements for L.A.S. Students

*Major:* 20 hours in history, including (a) ten hours in courses having junior standing as a prerequisite, and (b) any other courses offered by the department except courses taken in the freshman year.

*Minors:* 20 hours (excluding courses taken in the freshman year) selected from one or two of the following subjects: economics, English and American literature, geography, law, philosophy, political science, and sociology. Courses in one modern language (except such as are primarily designed for freshmen) will be accepted as one of the two minor subjects. The curriculum on international affairs will be accepted as a minor.

## Courses for Undergraduates

NOTE:—Division of General Studies 2a and 2b are accepted as satisfying the prerequisite of a year of college history in all cases in which it is required.

- 1a. CONTINENTAL EUROPEAN HISTORY TO 1815.—Europe from the age of the great discoveries to the close of the Napoleonic wars. I, (4). Seniors receive only three hours credit. Professor JONES, Associate Professor STEARNS, Assistant Professor SHAY, Dr. KING, Miss BUNCH, Mrs. MARLOW, Mrs. LUDWIG.
- 1b. CONTINENTAL EUROPEAN HISTORY, 1815-1944.—Development of European nationalism, liberalism, and imperialism; World War; reconstruction. S and II, (4). Seniors receive only three hours credit. Professors JONES and RODKEY, Associate Professor STEARNS, Assistant Professor SHAY, Dr. KING, Miss BUNCH, Mrs. SEARLS, Mr. WELTIN, Mrs. LUDWIG.
- †H1. HISTORICAL BACKGROUND OF PRESENT WORLD WAR.—S and I, (2). Associate Professor BEACH, Assistant Professor ROBERTS.
- 2a. HISTORY OF ENGLAND.—History of the British peoples to the close of the seventeenth century (1688). I, (3). Seniors receive only two hours credit. Professors PEASE and DIETZ, Assistant Professor SHAY, Dr. BELTING, Miss BUNCH.
- 2b. HISTORY OF ENGLAND, 1688-1944.—Modern history of the United Kingdom; colonial and imperial development. S and II, (3). Seniors receive only two hours credit. Professors PEASE and DIETZ, Assistant Professor SHAY, Dr. BELTING, Miss BUNCH, Miss HARPER.
- †H2. HISTORICAL BACKGROUND OF PRESENT WORLD WAR.—S and I, (2). Associate Professor BEACH, Assistant Professor ROBERTS.
- 3a. HISTORY OF THE UNITED STATES TO 1828.—Colonial foundations, the movement for independence, early years of the Republic. S and I, (3). *Prerequisite:* Sophomore standing. Professor SHANNON, Associate Professors WERNER and STEARNS, Dr. BELTING, Miss BUNCH.
- 3b. HISTORY OF THE UNITED STATES, 1828-1944.—A century of national life and organization. S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor SHANNON, Associate Professor WERNER, Dr. BELTING, Dr. CORLETT, Miss HARPER, Mrs. SEARLS, Mr. WELTIN.
- †N3. NAVAL HISTORY AND STRATEGY.—S, I, and II, (3). Associate Professor WERNER, Dr. SIRICH.

<sup>1</sup>Recalled for active service part time.

<sup>2</sup>On leave of absence first semester.

<sup>3</sup>On leave of absence for war service.

†Navy College Training Program course, open to engineering students.

- 5a. THE ANCIENT WORLD.—Ancient empires and Greece. I, (3). *Prerequisite:* Sophomore standing. Professor SWAIN.
- 5b. THE ANCIENT WORLD.—Rome. II, (3). *Prerequisite:* Sophomore standing. Professor SWAIN.
18. TEACHING OF HISTORY.—II, (2). *Prerequisite:* One year of college history; senior standing. Associate Professor WERNER.
19. HISTORY OF AMERICAN IMMIGRATION, COLONIAL AND NATIONAL PERIODS.—II, (2). *Prerequisite:* One year of college history; junior standing. Associate Professor WERNER.
- [24. HISTORY OF ILLINOIS, 1809-1942.—I, (2). *Prerequisite:* One year of college history; junior standing. Not given in 1944-1945. Professor PEASE.]
- [30a. HISTORY OF THE NEAR EAST: THE MEDIEVAL PERIOD.—I, (2). *Prerequisite:* One year of college history. Not given in 1944-1945. Professor LYBYER.]
- [30b. HISTORY OF THE NEAR EAST: THE MODERN PERIOD.—II, (2). *Prerequisite:* One year of college history. Not given in 1944-1945. Professor LYBYER.]
- 31a. HISTORY OF MODERN ITALY, 1700-1831.—I, (2). *Prerequisite:* One year of college history; junior standing. Assistant Professor SHAY.
- 31b. HISTORY OF MODERN ITALY, 1831-1945.—II, (2). *Prerequisite:* One year of college history; junior standing. Assistant Professor SHAY.
- [33a. TSARIST RUSSIA: ITS BACKGROUND, INSTITUTIONS, AND PROBLEMS (TO 1825).—I, (3). *Prerequisite:* One year of college history; junior standing. Not given in 1944-1945. Professor RODKEY.]
- [33b. MODERN RUSSIA AND ITS PROBLEMS, 1825-1943.—II, (3). *Prerequisite:* One year of college history; junior standing. Not given in 1944-1945. Professor RODKEY.]
- [35. HISTORY OF CIVILIZATION AMONG THE WESTERN SLAVS.—II, (2). *Prerequisite:* One year of college history. Not given in 1944-1945. Professor RODKEY.]
- [40a. HISTORY OF THE BRITISH COMMONWEALTH IN THE NINETEENTH AND TWENTIETH CENTURIES (TO 1870).—I, (2). *Prerequisite:* One year of college history. Not given in 1944-1945. Assistant Professor ERICKSON.]
- [40b. HISTORY OF THE BRITISH COMMONWEALTH IN THE NINETEENTH AND TWENTIETH CENTURIES (SINCE 1870).—II, (2). *Prerequisite:* One year of college history; junior standing. Not given in 1944-1945. Assistant Professor ERICKSON.]
- [51a. HEBREW HISTORY.—Origins to 586 B.C. I, (2). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor SWAIN.]
- [51b. HEBREW HISTORY.—Post-exilic and New Testament times. II, (2). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor SWAIN.]
- [63. HISTORY OF LAND WARFARE.—I, (2). *Prerequisite:* One year of college history; junior standing. Not given in 1944-1945. Assistant Professor NOWELL.]
- [64. HISTORY OF NAVAL WARFARE.—II, (3). *Prerequisite:* One year of college history; junior standing. Not given in 1944-1945. Assistant Professor NOWELL, Dr. SIRICH.]
- 90a-90b. THESIS.—Special training in historical investigation. S, and continuous through I and II, (2 to 4). *Prerequisite:* Senior standing. Professor LYBYER, Associate Professor STEARNS.
- 91a-91b. READING COURSE.—Selected fields chosen in consultation with the instructor. S, and continuous through I and II, (2 to 4). Open only to juniors and seniors of high standing. Professor LYBYER, Associate Professor STEARNS.

#### Courses for Advanced Undergraduates and Graduates

*Note:—Junior standing is prerequisite to all the following courses.*

14. AMERICAN COLONIES IN THE SEVENTEENTH CENTURY.—I, (3). Associate Professor WERNER.
- [S15. REPRESENTATIVE MEN AND WOMEN IN AMERICAN HISTORY, 1787-1850.—S, (2). *Prerequisite:* History 3a or consent of instructor. Not given in 1944. Dr. KING.]
- [16a. FOUNDATIONS OF AMERICAN SOCIETY: THE COLONIES IN THE EIGHTEENTH CENTURY (TO 1763).—I, (3). *Prerequisite:* One year of college history. Not given in 1944-1945. Assistant Professor DUNBAR.]
- [16b. FOUNDATIONS OF AMERICAN SOCIETY: THE TRANSITION TO NATIONAL LIFE AND ORGANIZATION, 1763-1789.—II, (3). *Prerequisite:* One year of college history. Not given in 1944-1945. Assistant Professor DUNBAR.]
- [17a. SOCIAL AND ECONOMIC FORCES IN THE UNITED STATES IN THE NINETEENTH CENTURY (TO 1860).—I, (3). *Prerequisite:* History 3b. Not given in 1944-1945. Professor SHANNON.]

- 17b. SOCIAL AND ECONOMIC FORCES IN THE UNITED STATES SINCE 1860.—II, (3). *Prerequisite*: History 3b. Professor SHANNON.
- [20. THE SOUTH, OLD AND NEW.—I, (3). *Prerequisite*: One year of college history. Not given in 1944-1945. Professor RANDALL.]
21. HISTORY OF THE UNITED STATES SINCE 1877.—S, (3). *Prerequisite*: History 3b. Professor SHANNON, Associate Professor WERNER.
- 22a. HISTORY OF THE WEST, 1634-1774.—S and I, (2). *Prerequisite*: One year of college history. Professor PEASE.
- 22b. HISTORY OF THE WEST, 1774-1830.—II, (2). *Prerequisite*: One year of college history. Professor PEASE.
- 23a. FOUNDATIONS OF ENGLISH AND AMERICAN DEMOCRATIC INSTITUTIONS, 1603-1642.—I, (2). *Prerequisite*: One year of college history or political science. Professor PEASE.
- [S23a. FOUNDATIONS OF ENGLISH AND AMERICAN DEMOCRACY, 1603-1660.—S, (2). *Prerequisite*: One year of college history. Not given in 1944. Professor PEASE.]
- 23b. FOUNDATIONS OF ENGLISH AND AMERICAN DEMOCRATIC INSTITUTIONS, 1642-1714.—II, (2). *Prerequisite*: One year of college history or political science. Professor PEASE.
25. THE CIVIL WAR AND RECONSTRUCTION.—I, (3). *Prerequisite*: One year of college history. Professor SHANNON.
26. HISTORY OF LATIN-AMERICA TO 1824.—I, (3). *Prerequisite*: One year of college history. Professor ROBERTSON.
27. HISTORY OF LATIN-AMERICA SINCE 1824.—II, (3). *Prerequisite*: One year of college history. Professor ROBERTSON.
- [29. AMERICA AND EUROPE: SELECTED TOPICS, 1776-1900.—II, (3). *Prerequisite*: One year of college history. Not given in 1944-1945.]
- 32a. EUROPEAN HISTORY, 1870-1918.—I, (3). *Prerequisite*: One year of college history, political science, or economics. Assistant Professor SHAY.
- 32b. EUROPEAN HISTORY, 1918-1944.—S and II, (3). *Prerequisite*: One year of college history, political science, or economics. Professor LYBYER, Associate Professor STEARNS, Assistant Professor SHAY.
- 34a. DEVELOPMENT OF MODERN EUROPE: ABSOLUTISM AND COLONIAL EXPANSION, 1648-1789.—I, (3). *Prerequisite*: One year of college history. Associate Professor STEARNS.
- 34b. DEVELOPMENT OF MODERN EUROPE, 1789-1848.—Era of the French Revolution and the Napoleonic Empire; reaction and revolutionary movements. II, (3). *Prerequisite*: One year of college history. Associate Professor STEARNS.
- [36a. DEVELOPMENT OF MODERN GERMANY TO 1815.—I, (3). *Prerequisite*: One year of college history. Not given in 1944-1945. Professor RODKEY.]
- [36b. DEVELOPMENT OF MODERN GERMANY, 1815-1943.—II, (3). *Prerequisite*: One year of college history. Not given in 1944-1945. Professor RODKEY.]
- 37a. EASTERN ASIA TO 1839.—I, (2). *Prerequisite*: One year of college history. Associate Professor WERNER.
- 37b. EASTERN ASIA, 1834-1944.—II, (2). *Prerequisite*: One year of college history. Associate Professor WERNER.
- [38a. DEVELOPMENT OF THE FRENCH MONARCHY.—I, (3). *Prerequisite*: One year of college history. Not given in 1944-1945. Professor JONES.]
- [38b. DEVELOPMENT OF THE FRENCH MONARCHY.—II, (3). *Prerequisite*: One year of college history. Not given in 1944-1945. Professor JONES.]
- 39a-39b. THE AGE OF THE PROTESTANT AND THE CATHOLIC REFORMATION, 1500-1648.—I and II, (3). *Prerequisite*: One year of college history. Professor JONES.
- [41. THE MIDDLE AGES.—I, (3). *Prerequisite*: One year of college history. Not given in 1944-1945.]
- [42. MEDIEVAL CIVILIZATION, RELIGIOUS AND INTELLECTUAL.—II, (3). *Prerequisite*: One year of college history. Not given in 1944-1945.]
- [S43. MID-VICTORIAN ENGLAND, 1832-1884.—S, (2½). *Prerequisite*: One year of college history. Not given in 1944.]
- 44a. CONSTITUTIONAL HISTORY OF ENGLAND.—Same as Law 44a. I, (3). *Prerequisite*: One year of college history or political science. Professor DIETZ.
- 44b. CONSTITUTIONAL HISTORY OF ENGLAND.—Same as Law 44b. II, (3). *Prerequisite*: One year of college history or political science. Professor DIETZ.
- [46a. SOCIAL AND ECONOMIC HISTORY OF ENGLAND TO 1848.—I, (3). *Prerequisite*: One year of college history. Not given in 1944-1945. Professor DIETZ.]

- [46b. SOCIAL AND ECONOMIC HISTORY OF ENGLAND SINCE 1848.—II, (3). *Prerequisite:* One year of college history. Not given in 1944-1945. Professor DIETZ.]
- [47a. HISTORY OF ENGLAND IN THE LATER MIDDLE AGES, 1377-1485.—I, (3). *Prerequisite:* One year of college history or economics. Not given in 1944-1945. Professor DIETZ.]
- [47b. HISTORY OF ENGLAND IN THE TUDOR PERIOD, 1485-1603.—II, (3). *Prerequisite:* One year of college history or economics. Not given in 1944-1945. Professor DIETZ.]
- [S48. GREAT BRITAIN IN THE TWENTIETH CENTURY.—S, (2½). *Prerequisite:* One year of college history. Not given in 1944. Professor DIETZ.]
- S48b. ENGLISH FOREIGN POLICY IN THE NINETEENTH AND TWENTIETH CENTURIES.—S, (2½). *Prerequisite:* One year of college history. Professor DIETZ.
- [S50a. HISTORY AND ARCHAEOLOGY OF THE ANCIENT ORIENT.—S, (2½). *Prerequisite:* One year of college history. Not given in 1944. Professor SWAIN.]
55. HISTORY OF THE ANCIENT GREEK STATES.—Same as Greek 55. I, (3). *Prerequisite:* One year of college history. Professor OLDFATHER.
56. HISTORY OF THE ROMAN REPUBLIC.—Same as Latin 56. II, (3). *Prerequisite:* One year of college history. Professor OLDFATHER.
- [57a. ANCIENT IMPERIALISM: ALEXANDER THE GREAT AND HIS SUCCESSORS.—I, (3). *Prerequisite:* One year of college history. Not given in 1944-1945. Professor SWAIN.]
- [57b. ANCIENT IMPERIALISM: THE ROMAN EMPIRE.—II, (3). *Prerequisite:* One year of college history. Not given in 1944-1945. Professor SWAIN.]
60. THE UNITED STATES IN THE FIRST WORLD WAR.—S, (2½); II, (3). Professor PEASE.
- 62a. POLITICAL AND CONSTITUTIONAL DEVELOPMENT OF THE UNITED STATES TO 1809.—I, (3). *Prerequisite:* One year of college history or political science. Professor RANDALL.
- 62b. POLITICAL AND CONSTITUTIONAL DEVELOPMENT OF THE UNITED STATES SINCE 1809.—II, (3). *Prerequisite:* One year of college history or political science. Professor RANDALL.

#### Courses for Graduates

NOTE:—Graduate work in history presupposes two years of college work in this subject, or sixteen semester hours, which should include courses in European and American history equivalent to History 1a-1b and 3a-3b. Linguistic preparation, especially in French and German, is important. For medieval history some knowledge of Latin is essential, and Spanish is useful for certain fields.

Graduate courses in history are of three kinds: (1) information and guidance in general reading; (2) instruction in methodology, historiography, and a bibliography; (3) seminars for the study of special fields with a view to training in methods of historical criticism and research.

Graduate students have an opportunity to pursue research in connection with the Illinois Historical Survey, an organization carrying on systematic studies in the history of Illinois. Through the use of materials collected by this survey, graduate students in the department have been given useful training in the study of manuscript as well as of printed material.

Each candidate for a master's degree in history is required to pass a general written examination early in the year and is expected to devote special attention to two of the following fields: ancient history, medieval history of continental Europe, modern history of continental Europe, English history, American history, Latin-American history, the Near East, the Far East. All candidates are expected to have a general knowledge of historical method (see course 103) and a working knowledge of one foreign language, ordinarily French or German.

A candidate who selects history as his major subject for the Ph.D. degree should prepare himself for examination in four of the following fields, stating the particular field in which he wishes to specialize and in which his thesis is to be written; ancient history, medieval history of continental Europe to 1300, continental Europe from 1300 to 1648, continental Europe and its dependencies since 1648, England and its dependencies, the United States, Latin America, the Near East, and the Far East. Any one of these fields may also be used as a first minor; one of the minors, however, must be chosen from subjects offered by other departments, such as political science, economics, sociology, philosophy, education, and departments concerned with the history of literature.



- [101a. SEMINAR IN AMERICAN HISTORY.—Introduction to research. I, (1 unit). Not given in 1944-1945. Professor RANDALL.]
- 101b. SEMINAR IN AMERICAN HISTORY.—II, (1 unit). Professor RANDALL.
- 102a. SEMINAR IN ENGLISH HISTORY: THE REIGN OF HENRY VIII, 1520-1530.—I, (1 unit). Professor DIETZ.
- 102b. SEMINAR IN ENGLISH HISTORY: THE REIGN OF QUEEN ELIZABETH, 1570-1580.—II, (1 unit). Professor DIETZ.
- S102b. FOREIGN POLICY IN THE TWENTIETH CENTURY.—S, (1 unit). Professor DIETZ.
103. HISTORICAL METHOD.—Required of all candidates for an advanced degree in history who do not present evidence of similar training elsewhere. I, (1 unit). Professor RANDALL.
- 104a-104b. SEMINAR IN MODERN HISTORY: PROBLEMS IN CONTEMPORARY HISTORY SINCE 1914.—I and II, (1 unit). Associate Professor STEARNS.
- S104. PROBLEMS OF PEACE AND WAR IN EUROPE, 1924-1944.—S, (1 unit). Professor LYBYER.
105. RESEARCH IN SPECIAL TOPICS.—Individual direction in research and guidance in writing theses for advanced degrees. S, I, and II, (1 to 2 units). Professors LYBYER, PEASE, DIETZ, JONES, RANDALL, SWAIN, and SHANNON, Associate Professors WERNER and STEARNS, Assistant Professor SHAY, Dr. BELTING.
- [106a-106b. SEMINAR IN MEDIEVAL HISTORY.—I and II, (1 unit). Not given in 1944-1945.]
- 117a. PROBLEMS IN THE SOCIAL HISTORY OF THE UNITED STATES, 1775-1820.—I, (1 unit). Professor SHANNON.
- 117b. SOCIAL HISTORY OF THE UNITED STATES: STUDIES IN THE SOCIAL AFTERMATH OF THE FIRST WORLD WAR.—II, (1 unit). Professor SHANNON.
- S117b. PROBLEMS IN THE SOCIAL HISTORY OF THE UNITED STATES SINCE 1900.—S, (1 unit). Professor SHANNON.
- 122a. HISTORY OF THE WEST: THE WESTWARD MOVEMENT, 1740-1755.—I, (1 unit). Professor PEASE.
- [122b. THE WESTWARD MOVEMENT, 1755-1761.—I, (1 unit). Not given in 1944-1945. Professor PEASE.]
- [122c. THE WESTWARD MOVEMENT, 1761-1765.—I, (1 unit). Not given in 1944-1945. Professor PEASE.]
- [122d. THE WESTWARD MOVEMENT, 1765-1778.—I, (1 unit). Not given in 1944-1945. Professor PEASE.]
- [126. SPAIN IN EUROPE AND AMERICA, 1750-1870.—I, (1 unit). Not given in 1944-1945.]
- [127. LATIN-AMERICAN RELATIONS.—II, (1 unit). Not given in 1944-1945.]
- [133a. STUDIES IN THE HISTORY OF EUROPE IN THE NINETEENTH CENTURY, 1815-1848.—I, (1 unit). Not given in 1944-1945. Professor RODKEY.]
- [133b. STUDIES IN THE HISTORY OF EUROPE IN THE NINETEENTH CENTURY, 1848-1878.—II, (1 unit). Not given in 1944-1945. Professor RODKEY.]
- [S134. STUDIES IN THE ENLIGHTENMENT, 1660-1789.—S, (1 unit). Not given in 1944. Associate Professor STEARNS.]
- 138a-138b. HISTORY OF FRANCE, 1515-1547.—I and II, (1 unit). Professor JONES.
- [S143. SEMINAR IN ENGLISH HISTORY.—S, (1 unit). Not given in 1944.]
- 150a-150b. SEMINAR IN ANCIENT HISTORY.—I and II, (1 unit). Professor SWAIN.

## HOME ECONOMICS

*Professors:* BANE (Head of the Department), BURNS, PERKINS, J. M. SMITH.

*Associate Professors:* SIMPSON.

*Assistant Professors:* BARTO, BROOKS, E. E. SMITH, WEAVER, WHITLOCK, KING.

*Associates:* LAMKIN, VAN DUYN, ESSELBAUGH, FITZSIMMONS, BROCKWAY, CHAPIN, GOODYEAR.

*Instructors:* ZWOLANEK, YOST.

*Assistants:* STOVALL,<sup>1</sup> POWERS,<sup>1</sup> ZAHORSKY, FRANTZ, HATCHARD, ENG,<sup>2</sup> BRUNER,<sup>3</sup> SAYLOR.<sup>3</sup>

*Cooperating:* Professor D. G. CARTER, ANNA B. ROBINSON, FLORENCE C. BODENBACH.

*Summer of 1944 but not in current year:* Professor GLADYS M. KINSMAN.

<sup>1</sup>Resigned.

<sup>2</sup>First semester.

<sup>3</sup>Second semester.

**For Students in the College of Agriculture:**

See General Curriculum in Home Economics (page 177).

**For Students in the College of Education:**

See Curriculum in Home Economics Education (page 179).

**For Students in the College of Liberal Arts and Sciences:**

*Major in Home Economics:* 20 hours as specified in Groups II and III on page 178. (The courses specified in Group I are required, although they are not counted toward the major. The following courses are also required: Art 1a; Chemistry 1 (or 2), 5, and 32 (or 33); Economics 2; Psychology 1; Sociology 1; at least six hours in English literature; and at least eight hours in bacteriology and physiology. Some of these required courses may be counted in Minor A or Minor B as shown below.)

*Minor A:* 20 hours chosen from one or two of the following subjects: chemistry, bacteriology. At least eight hours must be taken in each subject if two are chosen.

*Minor B:* 20 hours chosen from one or two of the following subjects: economics, psychology, sociology. At least eight hours must be taken in each subject if two are chosen.

**Courses for Undergraduates Whose Major Is NOT Home Economics**

*These courses are open to both men and women.*

7. SELECTION AND CARE OF TEXTILES AND CLOTHING.—See description in following group of courses.
38. ELEMENTARY NUTRITION.—Fundamental laws of human nutrition; application to the selection of an adequate diet. For men and women whose major is not home economics. S, I, and II, (2). Successful completion of this course entitles the student to a Red Cross Certificate. *Prerequisite:* Sophomore standing. Assistant Professor BARTO.
42. HISTORY OF COSTUME.—See description in following group of courses.
- 52a. TEXTILES AND CLOTHING.—Selection of textiles; psychology of clothing; pattern construction and use; construction processes using hand and machine sewing techniques; care and repair of clothing. For students in occupational therapy only. I and II, (3). Assistant Professor WHITLOCK, Miss ZWOLANEK.
- 52b. DECORATIVE PROCESSES.—Designing and construction of articles requiring knitting, crocheting, braiding, tating, decorative stitches, applique, or other decorative processes. For students in occupational therapy only. S, I, and II, (2). *Prerequisite:* Home Economics 52a. Miss ZWOLANEK.
53. WEAVING.—Principles of hand weaving, origins, development, and appreciation of the art of weaving. For students in occupational therapy only. II, (3). Assistant Professor KING.
56. THE CHILD AND HIS DEVELOPMENT.—See description in following group of courses.
- 56b. LABORATORY IN CHILD DEVELOPMENT.—See description in following group of courses.
61. INTRODUCTION TO FOODS.—Standards of selection, preparation, and service of foods; grades, cost; consumers' problems. I and II, (3). *Prerequisite:* Sophomore standing. Mrs. LAMKIN.
- [70. CLOTHING SELECTION.—II, (3). *Prerequisite:* Sophomore standing. Not given in 1944-1945. Assistant Professor WHITLOCK, Miss ZWOLANEK.]
80. HOME MANAGEMENT.—Problems of home management, emphasizing personal and family finance, apportionment of time and energy, and problems of the consumer. S and I, (2). *Prerequisite:* Junior standing; consent of instructor. Professor BANE, Miss GOODYEAR.

**Courses for Undergraduates Whose Major Is Home Economics**

1. INTRODUCTION TO HOME ECONOMICS.—To give freshmen whose major is home economics a point of view regarding the importance of homemaking and to develop an understanding of the underlying educational philosophy of home economics. I, (1). Professor BANE, Miss CHAPIN.
2. HOME ARCHITECTURE.—Situation, construction, design, and history of the house;

- heating, ventilating, lighting, plumbing, water supply, and drainage. Making skeleton plans. I and II, (3). *Prerequisite*: Art 1a, or equivalent; sophomore standing. *Prerequisite or concurrent*: Art 1b, or equivalent. Professor CARTER, Assistant Professor WEAVER.
3. HOME DECORATION.—Design applied to interiors; selection and arrangement of furniture, pictures, and accessories; the treatment of walls, floors, and windows; historic, artistic, and economic aspects. S, I, and II, (3). *Prerequisite*: Art 1a or equivalent. *Prerequisite or concurrent*: Art 1b or equivalent; sophomore standing. Assistant Professor WEAVER.
4. INTRODUCTION TO FOODS AND NUTRITION.—Principles involved in the selection of food for health and physical fitness. I and II, (2). *Prerequisite or concurrent*: Chemistry 1 or 2. Assistant Professor BARTO and staff.
5. DIETETICS.—Food requirements of normal adults and children. Nutritive value of food materials. Application to selection of adequate diets at different cost levels. S, I, and II, (3). *Prerequisite*: Physiology 1 or 1a; junior standing. *Prerequisite or concurrent*: Home Economics 59. Assistant Professor BARTO, Miss STOVALL, Mrs. ZAHORSKY.
7. SELECTION AND CARE OF TEXTILES AND CLOTHING.—Cloth analysis, including fibre content, construction, design, and finish, through simple physical and chemical tests. Wardrobe planning in relation to personality, individual figure, and color. I and II, (3). Seniors receive only two hours credit. *Prerequisite or concurrent*: Art 1a. Assistant Professor KING, Miss BROCKWAY.
- [9. HOME ECONOMICS EXTENSION.—II, (2). *Prerequisite*: Junior standing in home economics; consent of instructor. Not given in 1944-1945. Professor BURNS and others.]
10. ORGANIZATION AND MANAGEMENT OF THE HOME.—Family income management; purchasing problems; time management; equipment. Emphasis on economic aspects. S, I, and II, (3). *Prerequisite*: Economics 1 or 2; Home Economics 4; junior standing. Professor BANE, Miss FITZSIMMONS, Miss GOODYEAR.
11. TEACHING OF HOME ECONOMICS.—Problems dealing with the teaching of home economics in the high school. Required of all who wish to be recommended to teach home economics. I and II, (3). *Prerequisite*: Home Economics 29a, 29b, and 59; senior standing. Miss ROBINSON.
- [13. HOME ECONOMICS IN EDUCATION.—I and II, (3). *Prerequisite or concurrent*: Home Economics 10 and 29. Not given in 1944-1945.]
14. HOME MANAGEMENT.—Analysis of problems in home management; making and executing plans. Conferences and laboratory work in apartment and laundry. The students reside continuously in the home management apartment for four weeks during the semester. Required of all students expecting to meet the Smith-Hughes requirements. I and II, (3). *Prerequisite*: Home Economics 5 and 10; consent of instructor. Miss GOODYEAR.
19. COSTUME DESIGN.—Designing distinctive costumes; draping and sketching original designs. I and II, (2). *Prerequisite*: Home Economics 7; Art 1a and 1b. Miss BROCKWAY.
- [23e. TRAINING HOME ECONOMISTS FOR WORK IN COMMUNITY PROGRAMS FOR THE PRESENT EMERGENCY.—II, (1). *Prerequisite or concurrent*: Home Economics 5. Not given in 1944-1945. Associate Professor SIMPSON.]
- 29a. CLOTHING.—Psychological, artistic, hygienic, economic, and sociological problems involved in planning and selecting the wardrobe. I and II, (2). *Prerequisite or concurrent*: Home Economics 7, or consent of instructor. Assistant Professor WHITLOCK, Miss ZWOLANEK.
- 29b. CLOTHING LABORATORY.—Fundamentals of clothing construction; fitting problems in the selection of ready-to-wear. I and II, (2). *Prerequisite or concurrent*: Home Economics 7, or consent of instructor. Miss ZWOLANEK.
30. CLOTHING.—Design and construction of clothing; designing with commercial patterns; purchasing problems. S, I, and II, (3). *Prerequisite*: Home Economics 29a and 29b. *Prerequisite or concurrent*: Home Economics 19. Assistant Professor WHITLOCK; (S, Miss ZWOLANEK).
40. HOME CARE OF THE SICK.—Lectures and demonstrations. I and II, (1). *Prerequisite*: Junior standing in home economics. Assistant Professor BROOKS and staff.
- [40e. RED CROSS HOME NURSING.—Can only be taken concurrently with Home Economics 40. A Red Cross Certificate is granted on successful completion of the course. I, (no credit). Not given in 1944-1945. Assistant Professor BROOKS and assistant.]

42. HISTORY OF COSTUME.—Costumes and their settings from the Early Egyptian through the nineteenth century. I, (2). Miss BROCKWAY.
46. QUANTITY COOKERY.—Handling food materials in large quantities. Time and cost studies. The department cafeteria and cooperating institutions are used for laboratory work. Course planned for students who expect to be dietitians in hospitals or other institutions or who plan to manage a school lunch. I and II, (3). *Prerequisite:* Home Economics 59; consent of instructor. A food handler's certificate is required before registering in this course. Assistant Professor SMITH, Mrs. YOST, Miss SAYLOR.
47. INSTITUTION MANAGEMENT.—Purchase of food supplies and equipment for institutions; grades of food, judging of quality and cost in relation to season, pure food laws, and government inspection; the storeroom and its management; equipment and furnishings; institution housekeeping, floor plans and routing, specifications for equipment; inventory of equipment. Visits to stores and markets. I and II, (3). *Prerequisite or concurrent:* Home Economics 46; Economics 2; consent of instructor. Assistant Professor SMITH.
50. COSTUME DESIGN.—Creating distinctive and original designs for costumes; designing for various types of individuals. II, (3). *Prerequisite:* Home Economics 19 and 30. Miss BROCKWAY.
- [51. TEXTILES.—II, (3). *Prerequisite:* Chemistry 5; Economics 2; Home Economics 7; junior standing. Not given in 1944-1945. Assistant Professor KING.]
56. THE CHILD AND HIS DEVELOPMENT.—Interrelationships in the home and in the community. Readings and discussions. Advanced courses in child development open only to those students who have had laboratory with this course (see Home Economics 56b). S, I, and II, (3). *Prerequisite:* Psychology 1; junior standing or consent of instructor. Professor PERKINS, Mrs. ENG.
- 56b. LABORATORY IN CHILD DEVELOPMENT.—Can only be taken concurrently with Home Economics 56. I and II, (2). *Prerequisite:* Junior standing. Professor PERKINS, Mrs. HATCHARD.
58. FOODS.—Composition and behavior of foods; principles of food preparation. I and II, (3). *Prerequisite:* Chemistry 32 or 33 or 34; Home Economics 4. Miss CHAPIN, Dr. ESSELBAUGH.
59. FOOD ECONOMICS.—Food buying and utilization; retail costs, brands, and grades; preservation; legislation. S, I, and II, (3). *Prerequisite:* Economics 2; Home Economics 58. Associate Professor SIMPSON, Mrs. LAMKIN, Miss FITZSIMMONS.
65. HUMAN HEREDITY.—Heredity in man and its relation to various individual and social problems. Lectures, discussions, and demonstrations. I, (3). *Prerequisite:* Junior standing. Professor ROBERTS.
- [66. ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN.—Open only to students with a major in home economics. II, (3). *Prerequisite:* Home Economics 56 and 56b; junior standing. Not given in 1944-1945. Professor PERKINS.]
- 90a-90b. THESIS.—Intended primarily for candidates for honors but open to other seniors. I and II, (3 to 5). *Prerequisite:* Senior standing; approval of head of department. Members of the department.

#### Courses for Advanced Undergraduates and Graduates

20. PHYSICAL GROWTH AND NUTRITION.—Lectures, readings, and discussions. S and I, (2). *Prerequisite:* Home Economics 5; senior standing; consent of instructor. Professor J. M. SMITH; (S, Professor KINSMAN).
- [S24. FARM HOME PLANNING IN RELATION TO FUNCTION.—S, (2). *Prerequisite:* Home Economics 10; junior standing. Not given in 1944.]
28. ORGANIZATION AND MANAGEMENT OF THE HOME.—II, (2). *Prerequisite:* Home Economics 10; consent of instructor. Professor BANE, Miss FITZSIMMONS.
31. CLOTHING.—Designing and modeling; economic and psychological phases. II, (3). *Prerequisite:* Home Economics 30; junior standing. Assistant Professor WHITLOCK.
33. DIET IN DISEASE.—II, (3). *Prerequisite:* Home Economics 5. Assistant Professor BARTO.
35. PROBLEMS IN FOODS.—Applications of chemical and physical principles to advanced food problems. Group and individual work. II, (3). *Prerequisite:* Home Economics 63. Associate Professor SIMPSON.
- 39a-39b. READINGS IN FOOD AND NUTRITION.—Reports, discussions, and review of scientific literature. I and II, (1). *Prerequisite:* Home Economics 5; senior stand-

- ing. *Prerequisite or concurrent*: One of the following—Chemistry 50, Home Economics 20, 33, 35, 41, 63. Professor J. M. SMITH, Associate Professor SIMPSON, Assistant Professor BARTO, Dr. VAN DUYN, Dr. ESSELBAUGH.
41. PROBLEMS IN NUTRITION.—Discussions and investigations. II, (3 to 5). *Prerequisite*: Chemistry 50; Home Economics 5; senior standing. Professor J. M. SMITH, Dr. ESSELBAUGH.
- 43a-43b. PROBLEMS IN TEXTILES AND CLOTHING.—Investigation and report of specific problems in the field of textiles and clothing. I and II, (3). *Prerequisite*: Home Economics 30 or 51; consent of instructor; each student will undertake an individual problem which in some cases may involve prerequisites of chemistry and physics. Assistant Professors KING and WHITLOCK, Miss BROCKWAY.
48. INSTITUTION DIETARIES AND ADMINISTRATION.—Dietary studies and menu-making for various types of institutions, such as dormitories, cafeterias, hospitals, and tea rooms; problems of organization, personnel studies, administration of food service, records and cost accounting, professional ethics. Opportunity will be given for observation and practice in various fields. I and II, (3). *Prerequisite*: Home Economics 5 and 46; consent of instructor. Assistant Professor SMITH, Mrs. YOST.
- [48c. PROBLEMS IN EMERGENCY FEEDING.—II, (1). *Prerequisite or concurrent*: Home Economics 48; consent of instructor. Not given in 1944-1945. Assistant Professor SMITH.]
49. PROBLEMS IN SCHOOL LUNCH OR INDUSTRIAL FEEDING.—A workshop on the problems of menu-making; purchasing for group feeding. Students may choose their problems in school lunch or industrial feeding. Subject matter adapted to the needs of the group. Lectures, discussions, demonstrations, laboratory, and field trips. S, (3). *Prerequisite*: Home Economics 5 or equivalent. Assistant Professor E. E. SMITH, Mrs. YOST.
- 57a-57b. PROBLEMS IN HOME MANAGEMENT.—Individual investigation and report of specific problems in the fields listed below. S, I, and II, (3). *Prerequisite*: Home Economics 10 or 56 and 56b; consent of instructor.
- (a) FAMILY RELATIONSHIPS AND CHILD DEVELOPMENT.—Professor PERKINS.  
 (b) MONEY MANAGEMENT.—Professor BANE, Miss FITZSIMMONS.  
 (c) HOUSEHOLD MANAGEMENT.—Professor BANE, Miss GOODYEAR.
- [62. FOOD AND NUTRITION.—S, (3). *Prerequisite*: Home Economics 5; senior standing. Not given in 1944-1945.]
63. EXPERIMENTAL FOODS.—A consideration of the manner in which such variables as ingredients, proportions, and techniques in food preparation affect the quality of the product. I and II, (3). *Prerequisite*: Home Economics 59; Bacteriology 5a. Associate Professor SIMPSON.

### Courses for Graduates

NOTE:—Students preparing to make home economics their major subject for a master's degree should complete the undergraduate curriculum outlined on page 177, or should have equivalent training. Those who intend to do their major work in foods and nutrition should comply with the requirements of that field of concentration as provided in the undergraduate curriculum, or should have equivalent training.

Candidates for a master's degree in home economics with the major work in general home economics are required to take some advanced courses in education, economics, psychology, or sociology. Candidates for a master's degree in home economics with the major work in foods and nutrition are required to take Chemistry 50 (biochemistry) or Chemistry 40-41 (physical chemistry), in addition to graduate courses in home economics.

Graduate students who choose home economics as their minor for the degree of Doctor of Philosophy must have adequate preparation in home economics, and must complete three units for a first minor or two units for a second minor. At least one unit must be taken in courses numbered above 100.

101. PROBLEMS IN FAMILY LIVING.—S and I, (1 unit). Professor PERKINS.
102. RESEARCH.—S, I, and II, ( $\frac{1}{2}$  to 3 units). Work may be taken in the following:
- (a) NUTRITION.—Professor J. M. SMITH; (S, Professor KINSMAN).  
 (b) FOODS.—Professor J. M. SMITH, Associate Professor SIMPSON, Dr. VAN DUYN; (S, Professor KINSMAN).  
 (c) HOUSEHOLD MANAGEMENT.—Professor PERKINS.

103. SEMINAR IN NUTRITION.—I, ( $\frac{1}{2}$  unit). Professor J. M. SMITH.  
 105. SEMINAR IN FOODS.—II, ( $\frac{1}{2}$  unit). Dr. VAN DUYNÉ.  
 [106. SEMINAR IN HOUSEHOLD MANAGEMENT.—II, ( $\frac{1}{2}$  to 1 unit). Not given in 1944-1945. Professors BANE and PERKINS.]  
 107. PROBLEMS IN HUMAN NUTRITION.—S and II, ( $\frac{1}{2}$  to 1 unit). Professor J. M. SMITH; (S, Professor KINSMAN).

## HORTICULTURE

*Professors:* DORSEY (Head of the Department), BLAIR (Emeritus),  
 DORNER, RUTH, COLBY, ANDERSON, HALL, HUELSEN.

*Associate Professors:* WEINARD, LOTT.

*Assistant Professors:* MCCOLLUM, McMUNN, WINGERT,<sup>1</sup> WEAVER.

*Associates:* BROWN.

*Assistants:* STENSTROM,<sup>2</sup> BERESFORD.<sup>1</sup>

### Courses for Undergraduates

- 1a-1b. INTRODUCTORY POMOLOGY, ORNAMENTAL GARDENING, AND VEGETABLE CROPS.—Fruit growing, vegetable growing, and ornamental planting. Discussions and laboratory. S, I, and II, (2). No credit allowed to juniors and seniors. Professor COLBY, Assistant Professor WEAVER.  
 [2. SMALL FRUIT CULTURE.—II, (3). *Prerequisite:* Sophomore standing. Not given in 1944-1945. Professor COLBY.]  
 3. COMMERCIAL VEGETABLE PRODUCTION.—Lectures, reference readings, and laboratory. II, (3). *Prerequisite:* Horticulture 1a and 1b, or junior standing. Assistant Professor WEAVER.  
 [4. PLANT HOUSES.—II, (3). Not given in 1944-1945. Professor DORNER.]  
 5. PLANT PROPAGATION.—Grafts, buds, layers, cuttings, seeds. Lectures, laboratory, and quizzes. I, (3). Professor DORNER.  
 [7. SPRAYING.—II, (3). *Prerequisite:* Horticulture 1a and 1b; Chemistry 1 or 2; junior standing. Not given in 1944-1945. Professor RUTH.]  
 [8. ORCHARDING.—I, (5). *Prerequisite:* Horticulture 1a and 1b. Not given in 1944-1945. Assistant Professor McMUNN.]  
 15a. GREENHOUSE MANAGEMENT.—Soils, fertilizers; potting and shifting plants; watering. Lectures, reference readings, and greenhouse work. II, (3). *Prerequisite:* Botany 5; Horticulture 5. Professors DORNER and HALL.  
 [15b-15c. COMMERCIAL FLORICULTURAL CROPS.—I and II, (3). *Prerequisite:* Horticulture 15a. Not given in 1944-1945. Professor HALL.]  
 17. PLANT PATHOLOGY.—See Botany 7.  
 [22. SPECIAL PROBLEMS.—I and II, (3 to 5). Not given in 1944-1945. *Prerequisite:* Twenty hours pertinent to the thesis problem or approval of head of department. Students may register in this course in either semester or in each of two semesters. A thesis will be required only if the course is taken during two semesters. Work may be taken in the following:  
 (a, f) POMOLOGY.—Professors RUTH and COLBY, Associate Professor LOTT, Assistant Professor McMUNN.  
 (b, g) VEGETABLE CROPS.—Professor HUELSEN, Assistant Professors MCCOLLUM and WEAVER.  
 (c, h) FLORICULTURE.—Professor DORNER, Associate Professor WEINARD.  
 (d, i) PLANT BREEDING.—Professor DORSEY.  
 (e, j) PLANT PATHOLOGY.—Professor ANDERSON.]  
 [30. TENDER BEDDING PLANTS.—II, (3). *Prerequisite:* Horticulture 15a. Not given in 1944-1945. Professor HALL.]  
 31. GARDEN FLOWERS.—Propagation and growing of annuals, herbaceous perennials, bulbs, and shrubs for cut flowers and ornamental plantings. II, (3). *Prerequisite:* Botany 5. Professor DORNER.  
 [32a-32b. FLORAL DECORATION.—For floriculture students. I, (3). Not given in 1944-1945. Professor DORNER.]  
 [33. SYSTEMATIC POMOLOGY.—I, (2). *Prerequisite:* Horticulture 1a and 1b. Not given in 1944-1945. Assistant Professor McMUNN.]

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Deceased February 14, 1945.

- [49. SYSTEMATIC VEGETABLE CROPS.—I, (2). *Prerequisite:* Horticulture 1b, or junior standing. Not given in 1944-1945. Assistant Professor WEAVER.]

### Courses for Advanced Undergraduates and Graduates

- [12. EVOLUTION OF HORTICULTURAL PLANTS.—I, (3). *Prerequisite:* Botany 5; junior standing; one year of horticulture or equivalent, exclusive of Horticulture 1a and 1b. Not given in 1944-1945. Professor DORSEY.]
- [43. FLORICULTURAL PHYSIOLOGY.—I, (3). *Prerequisite:* Botany 3; Horticulture 3 or 15a; junior standing. Not given in 1944-1945. Associate Professor WEINARD.]
- [44. CURRENT POMOLOGICAL AND VEGETABLE CROPS LITERATURE.—For juniors, seniors, and graduates specializing in pomology or vegetable crops. This course may be taken for four successive semesters, designated as Horticulture 44a, 44b, 44c, and 44d. I and II, (1). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor RUTH.]
- [45. PLANT NUTRITION.—II, (3). *Prerequisite:* Botany 3; Agronomy 28; Horticulture 3 or 15a; junior standing. Not given in 1944-1945. Associate Professor WEINARD.]
- [46. MARKETING HORTICULTURAL PRODUCTS.—See Agricultural Economics 36. I, (3). *Prerequisite:* Agricultural Economics 30, or twelve hours of horticulture; senior standing. Not given in 1944-1945.]
- [51. FRUIT DISEASES.—Same as Botany 51. I, (3). *Prerequisite:* Botany 7 or 72. Not given in 1944-1945. Professor ANDERSON.]
- [52. VEGETABLE DISEASES.—Same as Botany 52. II, (3). *Prerequisite:* Botany 7 or 72. Not given in 1944-1945. Professor ANDERSON.]
- [55. VEGETABLE PHYSIOLOGY.—I, (3). *Prerequisite:* Botany 5 and Chemistry 32, or consent of instructor; junior standing. Not given in 1944-1945. Assistant Professor McCOLLUM.]
- [56. GROWING VEGETABLES FOR MANUFACTURE.—II, (3). *Prerequisite:* Horticulture 3 or consent of instructor; junior standing. Not given in 1944-1945. Professor HUELSEN.]

### Courses for Graduates

NOTE:—Twenty hours of undergraduate work in horticulture and allied subjects are required of students who choose horticulture as a major, and twelve hours are required of those who select it as a minor. The department will waive certain of these requirements for some fields of major study if the student has had an equivalent preparation in the fundamental sciences. It is desirable when the major field of study is decided upon during the junior or senior year, to select the fundamental science courses accordingly, and if possible, to include in the undergraduate preparation the elementary courses in German or French.

Candidates for the M.S. and Ph.D. degrees may specialize in floriculture, pomology, or vegetable crops. Advanced work in botany, chemistry, entomology, agronomy, or agricultural economics may advantageously be taken with horticulture to make a well-balanced program of graduate study.

- [103. VEGETABLE CROPS.—S, I, and II, ( $\frac{1}{2}$  to 2 units). Not given in 1944-1945. Professor HUELSEN.]
- [106. VEGETABLE CROPS SEMINAR.—I, ( $\frac{1}{4}$  unit). Not given in 1944-1945. Professor HUELSEN.]
108. POMOLOGY.—Special problems. S, I, and II, ( $\frac{1}{2}$  to 4 units).  
 (a) FRUIT BREEDING.—Professor DORSEY.  
 (b) POMOLOGICAL PHYSIOLOGY.—Professor RUTH.  
 (c) SMALL FRUITS.—Professor COLBY.
- [115. FLORICULTURE.—I and II, (1 to 2 units). Not given in 1944-1945.  
 (a) FLORICULTURAL PROBLEMS.—Professor DORNER.  
 (b) FLORICULTURAL PHYSIOLOGY AND PATHOLOGY.—Associate Professor WEINARD.]
120. POMOLOGY SEMINAR.—Discussion of current research in pomology and applied fields. I and II, ( $\frac{1}{4}$  unit). Professors RUTH, ANDERSON, and COLBY.
- [125. FRUIT DEVELOPMENT.—I, (1 unit). Not given in 1944-1945. Professor DORSEY.]
- [130. PHYSIOLOGY OF FRUIT PRODUCTION.—I, (1 unit). Not given in 1944-1945. Professor RUTH.]
140. ADVANCED SMALL FRUIT CULTURE.—Results of recent research with small fruits, dealing especially with varieties and experimental planting in the Experiment Station plots. Detailed studies of fruiting habits and the effect of cultural practices on production. S, ( $\frac{1}{2}$  to 1 unit). Professor COLBY.

150. SPECIAL PROBLEMS IN HORTICULTURAL PATHOLOGY.—Same as Botany 100. Diseases of fruit, vegetable, and ornamental crops. Discussions, assigned reading, laboratory, and field work. A thesis or formal report is required if this course is taken for more than one unit per semester. S, I, and II, ( $\frac{1}{2}$  to 2 units). Professor ANDERSON, Associate Professor WEINARD.
- [151. FRUIT DISEASE RESEARCH.—Same as Botany 100. I and II, (1 unit). Not given in 1944-1945. Professor ANDERSON.]
- [152. VEGETABLE DISEASE RESEARCH.—Same as Botany 100. I and II, (1 unit). Not given in 1944-1945. Professor ANDERSON.]
- [177. VIRUS DISEASES OF PLANTS.—Same as Botany 177. II, (1 unit). Given in alternate years; not given in 1944-1945.]

## HYGIENE

*Professors:* BEARD (Head of Department of Health Service), ETHEREDGE.

*Assistant Professors:* H. C. GEBHART, JUDAH.<sup>1</sup>

*Associates:* BLACKSTONE (Emeritus), LEWIS, MILLBROOK, TEIGLER.

*Instructors:* MONTGOMERY,<sup>1</sup> VRYONIS,<sup>1</sup> F. P. GEBHART.<sup>2</sup>

### Courses for Undergraduates

- [1. HYGIENE AND SANITATION.—Required of all students in the Division of General Studies of the College of Liberal Arts and Sciences. Continuous through I and II, (2 hours credit for the year). Not given in 1944-1945. Professor ETHEREDGE.]
2. ESSENTIALS OF HYGIENE AND SANITATION.—Required of all undergraduate women during their first year of residence. S, I, and II, (2). Seniors receive only one hour credit. Professor ETHEREDGE, Dr. MILLBROOK.
5. ELEMENTARY HYGIENE AND SANITATION.—Required of all undergraduate men during their first year of residence. S, I, and II, (2). Seniors receive only one hour credit. Professor BEARD, Assistant Professor GEBHART, Dr. LEWIS, Dr. TEIGLER.
6. FIRST AID.—A complete Red Cross First Aid course. Open to all undergraduate women. I, (1). Dr. MILLBROOK.
8. NURSE'S AIDE.—Includes about 45 hours of practice in a hospital, 35 hours of lecture, and 20 hours of first aid. Open to all undergraduate women. I and II, (3). Dr. ETHEREDGE.
10. ADVANCED HYGIENE.—Especially suited to the needs of teachers, coaches, and social workers. II, (2). *Prerequisite:* Hygiene 2 or 5. Assistant Professor GEBHART, Dr. LEWIS.
16. HEALTH FACTORS AND FIRST AID.—I and II, (2). *Prerequisite:* Hygiene 2; registration in occupational therapy curriculum. Professor ETHEREDGE.

## JOURNALISM

*Professors:* SIEBERT (Director), MURPHY, BARLOW, LEITER.

*Associate Professors:* WRIGHT, RAE.

*Assistant Professors:* McCLURE, FLYNN, SEIL.<sup>1</sup>

*Associates:* SCHOOLEY.

*Instructors:* FREDERICK,<sup>1</sup> JONES,<sup>1</sup> MOHR.<sup>1</sup>

*Cooperating:* Professor F. A. RUSSELL.

### Courses for Undergraduates

- [1-2. INTRODUCTION TO JOURNALISM.—Continuous through I and II, (1). *Prerequisite:* Freshman standing in the School of Journalism. Not given in 1944-1945. Mrs. MOHR.]
4. TYPOGRAPHY.—Same as Business Organization and Operation 44. Type faces, publishing, engraving, offset, etc. S, I, and II, (2). *Prerequisite:* Freshman standing in the Emergency Curriculum in journalism or junior standing in the University. Associate Professor RAE; (S, Assistant Professor McCLURE).

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Second semester.



5. REPORTING.—News values and story form; gathering and writing news. S, I, and II, (3). *Prerequisite:* Fifteen hours of University work and registration in the Emergency Curriculum in journalism or junior standing in the University. Professors MURPHY and LEITER, Assistant Professor McCLURE; (S, Professor BARLOW).
6. REPORTING (CONTINUED).—News of public affairs. I and II, (3). *Prerequisite:* Journalism 5. Professor LEITER.
10. PRINCIPLES OF ADVERTISING.—Same as Business Organization and Operation 10. General principles of psychology applied to advertising. S, I, and II, (3). *Prerequisite:* Sophomore standing; credit or registration in Journalism 4. Professor RUSSELL.
13. COPYREADING.—Newspaper desk work; editing the news; correction of faulty news stories. Some attention to headwriting, news pictures, and page makeup. S and I, (3). *Prerequisite:* Journalism 5; credit or registration in Journalism 4. Associate Professor RAE, Assistant Professor FLYNN.
14. COPYREADING.—Handling wire copy; makeup and design of newspaper pages. II, (3). *Prerequisite:* Journalism 13. Associate Professor RAE.
- [15. TRADE AND TECHNICAL JOURNALISM.—I, (3). *Prerequisite:* Junior standing. Not given in 1944-1945. Assistant Professor FLYNN.]
16. FEATURE ARTICLE WRITING.—Preparation of newspaper and magazine feature stories and articles, style, structure, and writing. Considerable attention to market analysis, study of publication methods, and sale of articles written in the course. I, (3). *Prerequisite:* Journalism 6. Professor BARLOW.
23. PRESS PHOTOGRAPHY.—Taking of pictures illustrating the news; advanced reporting with a camera. II, (3). *Prerequisite:* Sophomore standing; credit or registration in another course in journalism. Assistant Professor FLYNN.
- [24. AGRICULTURAL JOURNALISM.—Same as Agricultural Administration 1. Open to students in journalism, agriculture, and home economics. I, (3). *Prerequisite:* Junior standing. Not given in 1944-1945.]
26. ADVERTISING COPY WRITING.—Same as Business Organization and Operation 26. The news approach to newspaper advertising; retail advertising as store and enterprise news, feature, and editorial copy; preparation of newspaper advertising units. S, I, and II, (3). *Prerequisite:* Journalism 10, or consent of instructor. Assistant Professor McCLURE; (S, Associate Professor RAE).
30. RADIO BROADCASTING.—Script writing and broadcasting of news, commentary, and analysis of events; dramatization of news; continuity. I and II, (3). *Prerequisite:* Journalism 5. Professor MURPHY.
33. ADVERTISING LAYOUT.—Same as Business Organization and Operation 33. Theory and practice in making advertising layouts for newspapers and magazines; advanced study of typography; study of the principles of design; advanced practice in writing copy and making layouts for newspapers and magazines. I, (3). *Prerequisite:* Journalism 26. Assistant Professor McCLURE.
41. NEWSPAPER MANAGEMENT I.—Principles and methods in the operation of the departmentalized daily, small daily, and weekly papers; editorial direction; plant operation; business management. I, (3). *Prerequisite:* Credit or registration in Journalism 4; sophomore standing in the School of Journalism. Associate Professor RAE.

#### Courses for Advanced Undergraduates

11. NEWSPAPER LAW.—Freedom of the press; the right to gather, publish, and comment on the news. I, (3). *Prerequisite:* Junior standing. Professor SIEBERT.
- [12. PUBLICITY METHODS FOR PHYSICAL EDUCATION.—I and II, (2). *Prerequisite:* Junior standing in physical education. Not given in 1944-1945. Mr. SCHOOLEY.]
17. HISTORY OF JOURNALISM.—Forerunners of the press, beginnings of journalism in England and America, colonial press, journalism of the Revolution, the development of the party press, popular journalism in the United States, great editorial leaders, recent tendencies. I, (3). *Prerequisite:* Junior standing. Professor MURPHY.
18. THE PRESS AND PUBLIC OPINION.—Critical analysis of the role of the press in a democracy; effects of newspaper practices on public opinion; the role of propaganda; international journalism and public opinion; problems of reporting public affairs. I and II, (3). *Prerequisite:* Junior standing. Professor BARLOW.

- [20. EDITORIAL STUDIES AND WRITING.—I, (3). *Prerequisite:* Senior standing; Journalism 6. Not given in 1944-1945. Professor LEITER.]
- [21. COMMUNITY AND COUNTRY JOURNALISM.—I, (3). *Prerequisite:* Senior standing. Not given in 1944-1945. Assistant Professor McCLURE.]
29. ADVANCED REPORTING.—Advanced types of news investigations and treatment. I and II, (3). *Prerequisite:* Journalism 5 and 6, or equivalent. Professor BARLOW.
34. NEWSPAPER ADVERTISING PROBLEMS.—Same as Business Organization and Operation 34. Sales problems, advertising promotion, advertising research, marketing research. I and II, (3). *Prerequisite:* Journalism 33. Assistant Professor McCLURE.
- 35-36. CONTEMPORARY AFFAIRS.—Major news developments and their background, current political, economic, social, and scientific developments. Continuous through I and II, (2). *Prerequisite:* Junior standing. Professor SIEBERT.
38. ADVERTISING CAMPAIGNS.—Same as Business Organization and Operation 18. Planning of campaigns; choice of appeals; media selection and use; sales promotion. I and II, (3). *Prerequisite:* Journalism 10 or Business Organization and Operation 8. Professor RUSSELL.
- [42. NEWSPAPER MANAGEMENT II.—II, (3). *Prerequisite:* Journalism 41. Not given in 1944-1945. Associate Professor RAE.]
- [43. CIRCULATION AND PROMOTION.—II, (3). *Prerequisite:* Journalism 41. Not given in 1944-1945. Associate Professor RAE.]
47. HIGH SCHOOL JOURNALISM.—S, (3). *Prerequisite:* Junior standing. Assistant Professor FLYNN.
- [48. WARTIME COMMUNICATIONS AND CENSORSHIP.—II, (2). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor SIEBERT.]
- [50. CRITICAL WRITING AND REVIEWING.—II, (2). *Prerequisite:* Junior standing and Journalism 6, or consent of instructor. Not given in 1944-1945. Professor MURPHY.]
52. PUBLIC RELATIONS.—The public relations counsel; factors within an institution bearing on satisfactory public relations; modification of private policies to meet public policy; external factors; determination of public attitude; opinion management. II, (2). *Prerequisite:* Junior standing. Professor MURPHY.
- [54. PUBLICATION OF THE *Illini Observer*.—II, (3). *Prerequisite:* Editorial, Journalism 13 or consent of instructor; Advertising, Journalism 33. Not given in 1944-1945. Professors BARLOW and LEITER, Associate Professor RAE.]
58. PRESS SYSTEMS OF THE WORLD.—The press of England, France, Germany, Italy, Russia, Latin America, China, and Japan; international journalism and international organizations of the press. S and II, (2). *Prerequisite:* Junior standing. Professor BARLOW.
- 60a-60b. THESIS COURSE.—Selected topics in the history of journalism or a contemporary phase of journalism. S, and continuous through I and II, (2). *Prerequisite:* Senior standing and 4.0 average. Professor SIEBERT.

## LANDSCAPE ARCHITECTURE

*Professors:* SCHAFFER (Head of the Department), WHITE, LOHMANN.  
*Assistant Professors:* PETERSON, ROBINSON.

### Courses for Undergraduates

11. HISTORY OF LANDSCAPE ARCHITECTURE.—Lectures, reference readings, library sketches, and reports. Required of freshmen in the professional course; open to other students by permission of instructor. I, (3). Assistant Professor ROBINSON.
- 30a-30b. ELEMENTS OF LANDSCAPE ARCHITECTURE.—Delineation of landscape forms, drafting, lettering, wash rendering, color and color harmony, elementary composition. Continuous through I and II, (3). Seniors receive only two hours credit. Assistant Professor ROBINSON.
- 31-32. ELEMENTARY LANDSCAPE DESIGN.—Principles of landscape composition, elements of the natural landscape, types of drafting. Lectures, reference readings, plan work, and field trips. I and II, (3). *Prerequisite:* Landscape Architecture 30b. Professor WHITE.

- 33-34. INTERMEDIATE LANDSCAPE DESIGN.—Gardens, estates, playgrounds, and small parks. Lectures, readings, written reports, sketching and plan work, field trips. I and II, (4). *Prerequisite*: Landscape Architecture 32. Professor WHITE.
- [35-36. ADVANCED LANDSCAPE DESIGN.—I and II, (5). *Prerequisite*: Landscape Architecture 34. Not given in 1944-1945. Professor LOHMANN.]
- 43-44. LANDSCAPE CONSTRUCTION.—Grading plans, working drawings, specifications, reports. Continuous through I and II, (3). *Prerequisite*: Civil Engineering 18. Professor SCHAFFER.
- [46. OFFICE PRACTICE IN LANDSCAPE ARCHITECTURE.—II, (2). *Prerequisite*: Landscape Architecture 35. Not given in 1944-1945. Professor SCHAFFER.]
- [51-52. TREES AND SHRUBS.—Open only to landscape architecture and floriculture students. Continuous through I and II, (3). *Prerequisite*: Botany 5. Not given in 1944-1945. Assistant Professor ROBINSON.]
- [53-54. PLANTING DESIGN.—Continuous through I and II, (4). *Prerequisite*: Landscape Architecture 34, 52; Horticulture 31. Not given in 1944-1945. Assistant Professor ROBINSON.]
- [55. CARE OF PLANT MATERIALS.—I, (2). *Prerequisite*: Landscape Architecture 52; senior standing. Not given in 1944-1945. Professor SCHAFFER.]
- [62. RURAL IMPROVEMENT.—For students not specializing in landscape architecture. II, (2). Credit not allowed for both 62 and 64. *Prerequisite*: Sophomore standing. Not given in 1944-1945. Assistant Professor PETERSON.]
63. GARDEN DESIGN.—Open only to students in occupational therapy. II, (3). Assistant Professor PETERSON.
- [64. APPRECIATION OF LANDSCAPE ARCHITECTURE.—For students not specializing in landscape architecture. II, (3). Credit not allowed for both 62 and 64. *Prerequisite*: Sophomore standing. Not given in 1944-1945. Assistant Professor PETERSON.]
- 71-72. PLANNING OF TOWNS AND CITIES.—Open to students in other departments. Development of communities; the city plan and its composing elements; streets, transit, transportation, and other utilities; parks, housing, zoning. Lectures, reference readings, and discussions. Inspection trip required of all landscape students but optional for others. Continuous through I and II, (2). *Prerequisite*: Junior standing. Professor LOHMANN.
- [74. REGIONAL PLANNING.—Open to students in other departments. II, (3). *Prerequisite*: Sophomore standing. Not given in 1944-1945. Professor LOHMANN and others.]

## LAW

*Professors*: HARNO (Dean), GREEN (Emeritus), SUMMERS,<sup>1</sup> GOBLE, BRITTON,<sup>1</sup> McCASKILL, JOHNSON (Emeritus), SCHNEBLY, WEISIGER, HOLT.  
*Associate Professors*: FERRALL.<sup>1</sup>  
*Assistant Professors*: SULLIVAN.

### Courses for Undergraduates

- 1a. CONTRACTS I.—Patterson and Goble, *Cases on Contracts* (2d ed.). II, (3). Professor GOBLE.
- 1b. CONTRACTS I.—Patterson and Goble, *Cases on Contracts* (2d ed.). II, (3). Professor GOBLE.
- 2a. TORTS.—Bohlen, *Cases on Torts* (3d ed.). I, (3). Professor WEISIGER.
- 2b. TORTS.—Bohlen, *Cases on Torts* (3d ed.). I, (3). Professor WEISIGER.
- 3a. PROPERTY I.—Aigler, Bigelow, and Powell, *Cases on Property*, Volume 1. I, (3). Professor SCHNEBLY.
- 3b. PROPERTY II.—Aigler, Bigelow, and Powell, *Cases on Property*, Volumes 1 and 2. I, (3). Professor SCHNEBLY.
- [4a. REMEDIES.—I, (3). Not given in 1944-1945. Professor McCASKILL.]
- [4b. TRIAL PRACTICE.—II, (3). Not given in 1944-1945. Professor McCASKILL.]
5. CRIMINAL LAW.—Harno, *Cases on Criminal Law and Procedure* (2d ed.). I, (3). Professor HARNO.
- [6. LEGAL INSTITUTIONS.—I, (3). Not given in 1944-1945. Assistant Professor SULLIVAN.]
7. PERSONS.—McCurdy, *Cases on Domestic Relations* (2d ed.). S, (2). Professor WEISIGER.

<sup>1</sup>On leave of absence for the year.

8. EVIDENCE.—McCormick, *Cases on Evidence*. S, (3). Professor McCASKILL.
9. SALES.—Bogert and Britton, *Cases on Sales*. S, (2½). Professor GOBLE.
10. EQUITY.—Cook, *Cases on Equity* (3d one-volume ed.). II, (3). Professor HOLT.
- [11. AGENCY.—I, (3). Not given in 1944-1945. Professor GOBLE.]
12. FUNDAMENTALS OF ACCOUNTING.—Same as Accountancy 12. I and II, (3). Assistant Professor MOYER.
- [14. LEGISLATION.—II, (3). Not given in 1944-1945. Professor WEISIGER.]
15. BILLS AND NOTES.—Britton, *Cases on Bills and Notes* (3d ed.). S, (2½). Professor SCHNEBLY.
- 16a-16b. TRUSTS.—Scott, *Cases on Trusts* (2d ed.). I and II, (2). Professor SCHNEBLY.
17. UNINCORPORATED BUSINESS ASSOCIATIONS.—Mechem, *Cases on Partnership* (Mathews' revision). II, (2). Professor HOLT.
- [18. WILLS AND ADMINISTRATION.—II, (3). Not given in 1944-1945. Professor SCHNEBLY.]
- [19. PRIVATE CORPORATIONS.—I, (3). Not given in 1944-1945.]
20. PLEADING.—McCaskill, *Cases and Problems on Pleading*. I, (3). Professor McCASKILL.
- 21a. SECURITY I.—Sturges, *Cases on Credit Transactions* (2d ed.). I, (3). Professor HOLT.
- 21b. SECURITY II.—Sturges, *Cases on Credit Transactions* (2d ed.). II, (3). Professor HOLT.
22. CONSTITUTIONAL LAW.—Dowling, *Cases on Constitutional Law* (2d ed.). S, (3½). Assistant Professor SULLIVAN.
- [24. MUNICIPAL CORPORATIONS.—I, (2). Not given in 1944-1945. Professor WEISIGER.]
25. SEMINAR IN THE LEGAL PROFESSION.—Cheatham, *Cases on the Legal Profession*. S and II, (1). Professor HARNO; (S, Professor McCASKILL).
28. INSURANCE.—Goble, *Cases on Insurance*. II, (3). Professor GOBLE.
- 28a. INSURANCE I.—Goble, *Cases on Insurance*. S, (1½). Professor GOBLE.
29. VENDOR AND PURCHASER.—Cook, *Cases on Equity* (3d one-volume ed.). S, (1½). Professor SCHNEBLY.
30. PROPERTY III.—Aigler, Bigelow, and Powell, *Cases on Property*, Volume 2. I, (3). Professor McCASKILL.
31. CONFLICT OF LAWS.—Cheatham, Dowling, Goodrich, and Griswold, *Cases on Conflict of Laws*. I, (3). Professor HOLT.
- [32. CONTRACTS II.—I, (3). Not given in 1944-1945. Professor GOBLE.]
33. ADMINISTRATIVE LAW.—Gellhorn, *Cases on Administrative Law*. II, (3). Assistant Professor SULLIVAN.
- {36. PRACTICE COURT.—II, (3). *Prerequisite*: Law 8 and 20. Not given in 1944-1945. Professor McCASKILL.]
37. CRIMINAL LAW ADMINISTRATION AND PROCEDURE.—Harno, *Cases on Criminal Law and Procedure* (2d ed.). S and II, (2). Professor HARNO; (S, Professor WEISIGER).
38. FUTURE INTERESTS AND RESTRAINTS UPON ALIENATION.—Powell, *Cases on Future Interests* (2d ed.). II, (4). Professor SCHNEBLY.
- [40. SEMINAR IN BANKRUPTCY.—I, (2). Not given in 1944-1945. Professor BRITTON.]
- 44a-44b. CONSTITUTIONAL HISTORY OF ENGLAND.—Same as History 44a-44b. I and II, (3). Professor DIETZ.
45. USE OF LAW BOOKS.—Weisiger, *Manual for the Use of Law Books* (3d ed.). I, (1). Professor WEISIGER.
50. SEMINAR IN LABOR LAW.—Handler, *Cases on Labor Law*. S, (2). Assistant Professor SULLIVAN.
- [52. OIL AND GAS.—I, (2). Not given in 1944-1945. Professor SUMMERS.]
- [59. SEMINAR IN THE LAW OF BANKS AND BANKING.—II, (2). Not given in 1944-1945. Professor BRITTON.]
60. PUBLIC UTILITIES.—Robinson, *Cases on Public Utilities* (2d ed.). II, (2). Assistant Professor SULLIVAN.
- [61. SEMINAR IN TRADE REGULATION.—S, (2). Not given in 1944-1945. Professor GOBLE.]
- [62. CORPORATION ORGANIZATION AND FINANCE.—II, (2). Not given in 1944-1945.]
64. TAXATION.—Magill and Maguire, *Cases on Taxation* (3d ed.). I, (3). Assistant Professor SULLIVAN.

## LIBRARY SCIENCE

*Professors:* DOWNS (Director of Library School), WINDSOR (Emeritus).  
*Associate Professors:* SIMPSON (Emerita), BOND, BOYD, STIEG (Assistant Director), BRANSCOMB.

*Assistant Professors:* HOSTETTER,<sup>1</sup> PHELPS, SPENCER, LANCASTER, GARVER, HOUCHEMS, TROTIER.

*Associates:* JOHNSON, JUTTON, DUNLAP.

*Instructors:* LOHRER, ALSETH, BAMBER, BURWASH, DAVIES, SIGNOR, KRAMER.

*Assistants:* HEDSTRAND, KNOWLES.

*Cooperating:* Professor D. E. LINDSTROM, Associate Professor B. F. TIMMONS, Assistant Professor I. A. BERG, Mrs. EUNICE C. MOHR,<sup>2</sup> Mr. J. ALLEN, JR.

*Summer of 1944 but not in current year:* LOUISE ANTHONY, LURA E. CRAWFORD, RUTH M. ERLANDSON, WINIFRED B. LINDERMAN, A. ETHELYN MARKLEY, ADA M. WOOD, DORATHEA W. FRIEDRICH.

## Courses for Undergraduates

7. READING GUIDANCE IN ADOLESCENT LITERATURE.—Introduction to the integrated use of reading materials in the secondary school program. S, I, and II, (4). Miss LOHRER; (S, Miss CRAWFORD).
8. READING GUIDANCE IN CHILDREN'S LITERATURE.—Introduction to the use of reading materials in the elementary school program. S and I, (4). Miss LOHRER; (S, Miss WOOD).
9. SCHOOL LIBRARY MANAGEMENT.—Objectives and methods of service in the small school library; organization; budget and book-ordering; classification; cataloging; training the pupil staff; housing and equipment. S and I, (4). *Prerequisite or concurrent:* Library Science 7 or 8. Miss LOHRER; (S, Miss WOOD).
12. GENERAL REFERENCE.—Classification and arrangement of books in the University Library; card catalogs; reference books. Intended for freshmen and sophomores; not for students in the Library School. I and II, (2). Miss SIGNOR.

## Courses for Students in the Library School

*Required Courses for First-Year Library School Students*

60. THE DEVELOPMENT OF THE MODERN LIBRARY.—Introduction to the history of the library from ancient to modern times with emphasis on its social origin, functions, and objectives; the evolution of various types of libraries and significant trends for future development; librarianship as a profession. S, (2); I, (3). Associate Professor BOYD; (S, Assistant Professor HOSTETTER).
61. CATALOGING AND CLASSIFICATION.—An introduction to the principles of cataloging and classifying books and assigning subject headings, with practical application to many types of books. The course is based on the American Library Association Catalog rules; Library of Congress Rules for cataloging; Dewey Decimal Classification, Library of Congress List of subject headings; American Library Association Filing rules, and the basic reference books used by catalogers. A brief introduction to the Library of Congress Classification is included. I, (4). Associate Professor BOND.
62. REFERENCE SERVICE.—An introduction to the fundamental principles of the organization and administration of reference service; selection, evaluation, and use of basic reference materials. S and I, (3). Assistant Professor PHELPS; (S, Miss ERLANDSON).
63. LIBRARY MATERIALS.—The form, types, and characteristics of books, pamphlets, periodicals, and other essential materials constituting the resources of the modern library; basic general sources of information about these materials; bibliographical tools which reveal their contents; general principles which govern their selection for libraries. S and I, (3). Associate Professor BOYD.
64. LIBRARY ADMINISTRATION.—An introduction to general principles of administration and their application to the organization and management of libraries and library

<sup>1</sup>On leave of absence for the year.

<sup>2</sup>On leave of absence for war service.

departments, with consideration of the objectives and functions of the various types of modern libraries. S, (2); I, (3). Assistant Professor SPENCER; (S, Assistant Professor LANCASTER).

*Elective Courses for First-Year Library School Students*

70. ORGANIZATION AND MANAGEMENT OF PUBLIC LIBRARIES.—Problems of public library administration in relation to the organization and management of personnel, materials, quarters, procedures, and finance to render effective service to society within the framework of approved objectives and legal provisions. II, (3). Assistant Professor LANCASTER.
71. ORGANIZATION AND MANAGEMENT OF COLLEGE AND UNIVERSITY LIBRARIES.—A study of the place of the library in higher education and of the administrative problems involved in college and university library service. S and II, (3). Assistant Professor SPENCER; (S, Assistant Professor LANCASTER).
72. ORGANIZATION AND MANAGEMENT OF SCHOOL LIBRARIES.—The objectives, functions, organization, and administration of library service as a part of the school program. S and II, (3). Miss LOHRER; (S, Assistant Professor HOSTETTER).
- [73. SERVICE IN SPECIAL LIBRARIES.—II, (2). Not given in 1944-1945. Assistant Professor SPENCER.]
75. READING ABILITY AND INTERESTS OF ADULTS.—Principles of selection of reading materials and of guidance in their use; methods of readers' advisory service in college and public libraries. II, (3). Associate Professor BOYD.
76. READING INTERESTS AND GUIDANCE OF ADOLESCENTS.—Principles of guidance in the use of reading materials to meet the reading interests, habits, and abilities of the adolescent; readers' advisory service to the adolescent in the programs of the school and public library. II, (3). Miss LOHRER.
77. READING INTERESTS AND GUIDANCE OF CHILDREN.—Reading interests, habits, and abilities of children at various age levels in relation to appropriate reading materials; principles of guidance in reading as a developmental process; sources and evaluation of reading materials. S, (2); II, (3). Miss LOHRER; (S, Miss LINDERMAN).
78. PROBLEMS IN CATALOGING AND CLASSIFICATION.—Continuation of Library Science 61, emphasizing the cataloging and classification of special types of material and the administrative problems of the catalog department; the cataloging of maps, music, dissertations, serials, monographic sets, and other material requiring descriptive notes; various types of analytics; debatable entries. Practice in the use of the Library of Congress Classification and in problems of filing in the catalog. S and II, (3). Associate Professor BOND; (S, Miss MARKLEY).
80. BIBLIOGRAPHY AND REFERENCE.—A course which aims to prepare students for reference service in college and university libraries and in the larger public libraries; the selection, evaluation, and use of the more specialized and scholarly reference materials in the various subject fields; practical training in the making of bibliographies. II, (4). Assistant Professor PHELPS.
81. INTRODUCTION TO GOVERNMENT PUBLICATIONS.—Nature, scope, and characteristics of government publications; their value as sources of information; their selection, acquisition, and administration. Includes United States, state, local, and British publications. S, (2); II, (3). Associate Professor BOYD.
- S97. INDIVIDUAL PROBLEMS.—Open to experienced students desiring extension of study along lines of special interest and to students interested in special library administration. S, (1 to 3). *Prerequisite:* Consent of instructor. Professor DOWNS and others.
99. INSPECTION TRIP.—Required of all candidates for the degree of Bachelor of Science in library science. Estimated cost \$30. S and II, (no credit). Associate Professor STIEG.

**Courses for First-Year Library School Students  
and for Graduate Students**

- S52. READING GUIDANCE.—Adult readers' interests and habits; readers' advisory service; library participation in adult education, with emphasis on the public library. S, (2 semester hours or ½ unit). Miss LINDERMAN.
53. BIOLOGICAL LITERATURE AND REFERENCE WORK.—I, (2 semester hours or ¼ unit). *Prerequisite:* Consent of the instructor. Mr. BAMBER.

54. **AUDIO-VISUAL AIDS AND LIBRARY SERVICE.**—Descriptive course designed to acquaint the student with the theories of educational use of audio-visual materials, and with their administration in library service. S and II, (3 semester hours or ½ unit). Assistant Professor SPENCER.
90. **HISTORY OF BOOKS.**—The origin and evolution of the alphabet and of scripts; the history of manuscript books; the invention and spread of printing; the history of the production and distribution of printed books. Emphasis is placed on the relation of the book to the social conditions of the various periods studied. II, (3 semester hours or ½ unit). Associate Professor STIEG.
91. **PSYCHOLOGY FOR LIBRARIANS.**—The application of psychological principles and techniques to library service. II, (2 semester hours or ½ unit). Assistant Professor BERG.
92. **THE LIBRARY AND THE COMMUNITY.**—Nature and types of communities; urban and rural community problems; community agencies, changes and organization; the library's place in the community, particularly as an agency of adult education. II, (3 semester hours or 1 unit). Associate Professors BOYD and TIMMONS, Professor LINDSTROM, and others.

### Courses for Graduates

101. **THESIS.**—S, I, and II, (1 to 2 units). Professor DOWNS and others.
102. **INDIVIDUAL RESEARCH.**—S, I, and II, (1 to 2 units). Professor DOWNS and others. Seminar classes will be formed if enough students choose the same subject for individual research. Some suggested fields of investigation include:
- (a) ADMINISTRATION OF REFERENCE SERVICE.
  - (b) MODERN PUBLISHING.
  - (c) LARGER UNITS OF LIBRARY SERVICE—county, state, regional.
  - (d) ADMINISTRATION OF EPHEMERAL MATERIAL.
  - (e) TEACHING THE USE OF THE LIBRARY.
- 104a. **ADVANCED CLASSIFICATION.**—History and philosophy of classification; comparative study of classification systems with special emphasis on the system used by the Library of Congress. Critical study of subject headings. Individual studies of special administrative problems or of the problems of classification of special types of material. I, (½ unit). Associate Professor BOND.
- 104b. **ADVANCED CATALOGING.**—History and philosophy of cataloging; comparative study of cataloging rules and of rules for filing in a catalog; cataloging of more difficult types of material such as incunabula, rare books, manuscripts, and archives. Administrative problems in cataloging. Individual studies in the problems of cataloging. II, (½ to 1 unit). Associate Professor BOND.
108. **LIBRARY TRENDS.**—A survey of the library today, with a consideration of its future development as a social institution. Special emphasis is given to parallel trends in sociological, educational, and governmental fields. S and I, (1 unit). Assistant Professor SPENCER.
109. **PROBLEMS OF COLLEGE AND UNIVERSITY LIBRARY ADMINISTRATION.**—The functions and organization of various types of college and university libraries; intensive study of selected cases to illustrate typical problems in connection with budget, personnel, equipment, instruction in the use of the library, etc. I, (1 unit). Professor DOWNS.
110. **THE CURRENT SCENE IN LIBRARIANSHIP.**—Study and discussion of current library activities and problems for students completing work for the master's degree. S and II, (no credit). Professor DOWNS and others.
111. **METHODS OF INVESTIGATION IN LIBRARIANSHIP.**—Research methods and their application to the problems of librarianship; a survey of recent research in librarianship, with analysis of typical studies. I, (1 unit). Associate Professor STIEG.
112. **RESOURCES OF AMERICAN LIBRARIES.**—The distribution and extent of American library resources for advanced study and research; methods of surveying library facilities; growth and uses of union catalogs and bibliographical centers; inter-institutional agreements for specialization of collections and other forms of library cooperation; types of library materials; ways and means of developing research collections in special subject fields. II, (1 unit). Professor DOWNS.
- [113. **DEPARTMENTAL AND SPECIAL LIBRARIES.**—II, (½ unit). Not given in 1944-1945. Associate Professor BRANSCOMB and others.]

114. **ADVANCED BIBLIOGRAPHY.**—Designed to enable the student to utilize effectively all the varied resources of a large research library; methods of analyzing and solving bibliographic problems which arise in scholarly libraries and in connection with research projects. S and I, (1 unit). Assistant Professor PHELPS; (S, Miss ERLANDSON).
115. **SEMINAR IN GOVERNMENT PUBLICATIONS.**—Investigation of problems of selection, acquisition, organization, and use of collections of American federal, state, and municipal publications and those of important foreign governments. II, (1 unit). Assistant Professor PHELPS.
116. **PROBLEMS OF SCHOOL LIBRARY SERVICE.**—Study of selected problems of school library service in relation to the objectives, organization, and administration of the school library. I, (1 unit). Miss LOHRER.
117. **SCHOOL LIBRARY COLLECTION.**—Study of the principles for the selection of materials for the school library inherent in the sociological, psychological, and bibliographic backgrounds of reading in the school. II, (1 unit). Miss LOHRER.

## MATHEMATICS

*Professors:* COBLE (Head of the Department), TOWNSEND (Emeritus), MILLER (Emeritus), SHAW (Emeritus), CARMICHAEL, EMCH (Emeritus), CRATHORNE (Emeritus), BRAHANA, TRJITZINSKY, BAER.

*Associate Professors:* HAZLETT,<sup>1</sup> BAILEY, BOURGIN, DOOB,<sup>2</sup> KETCHUM,<sup>2</sup> MOORE.

*Assistant Professors:* H. LEVY, CHANLER, H. J. MILES.

*Associates:* STEIMLEY, PEPPER, ARMSTRONG, HOERSCH, WILSON, MENDEL, DUFFIN,<sup>2</sup> VAUGHAN, WELKER, BOWER, BRISTOW, DAY,<sup>2</sup> PETERS.

*Instructors:* HAMMING,<sup>3</sup> L. S. LEVY, BEDRICK, TAYLOR, GANS.

*Assistants:* HATTAN, N. M. MILES,<sup>4</sup> BRANNON, SCHUBERT, BAILAR,<sup>4</sup> McSWANE, PHILLIPS, WORKMAN,<sup>4</sup> ENGLE,<sup>4</sup> BOSWELL, MORFOOT, SEYBOLD, SINCLAIR, WILLIAMS, ARNETT.<sup>4</sup>

*Summer of 1944 but not in current year:* H. H. FOX, W. F. ATCHISON, L. AILEEN HOSTINSKY, ELVA ATHERTON, GRACE E. BATES, F. F. HELTON, Mrs. MARGARET S. GOODSON.

### Requirements for L.A.S. Students

*Major:* 20 hours in mathematics, excluding Mathematics 2, 3, 4, 5, 6, 6a, 8a, 8b, 10a, 10b, and all courses taken during the freshman year, and including Mathematics 7, 9, and two semesters of Mathematics 70, 71, 72.

*Minors:* 20 hours selected from one or two of the following subjects: accountancy, astronomy, chemistry, economics, philosophy, physics, statistics (Mathematics 21, 22, 23, 30, 31), surveying, theoretical and applied mechanics. If two subjects are chosen, at least eight hours must be taken in each.

### Courses for Undergraduates

NOTE:—For undergraduate students intending to take advanced work or a major in mathematics, the following outline of freshman and sophomore work is suggested. Freshman year: first semester, Mathematics 2 (or 3) and 4 (or 5); second semester, Mathematics 6. Sophomore year: first semester, Mathematics 7; second semester, Mathematics 9. In certain cases Mathematics 6 may be replaced by Mathematics 6a, and Mathematics 7 and 9 by Mathematics 8a and 8b.

1. **SOLID GEOMETRY.**—Satisfies deficiency in solid geometry for engineering students; all other students receive full credit. I and II, (3). *Prerequisite:* Entrance algebra, 1 unit; plane geometry, 1 unit. Dr. HOERSCH, Dr. PETERS.

†M1. **MATHEMATICAL ANALYSIS.**—S and I, (5). *Prerequisite:* Two units of high school mathematics. Dr. ARMSTRONG; (S, Assistant Professor LEVY, Mr. HELTON).

<sup>1</sup>On leave of absence for six months beginning November 15, 1944.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>Second semester.

<sup>4</sup>First semester.

†Navy College Training Program course, open to engineering students.



2. COLLEGE ALGEBRA.—S, I, and II, (3). Seniors receive only two hours credit. *Prerequisite*: Entrance algebra,  $1\frac{1}{2}$  units; plane geometry, 1 unit. Professors BRAHANA, TRJITZINSKY, and BAER, Associate Professor BOURGIN, Dr. PEPPER, Dr. ARMSTRONG, Dr. HOERSCH, Dr. WILSON, Dr. MENDEL, Dr. VAUGHAN, Dr. BOWER, Mr. PHILLIPS, Miss SCHUBERT, Mrs. BAILAR, Mrs. ARNETT, Miss MORFOOT, Miss SEYBOLD, Miss SINCLAIR, Miss WILLIAMS; (S, Assistant Professor CHANLER, Miss ATHERTON, Mrs. GOODSON).
- †M2. MATHEMATICAL ANALYSIS.—S, I, and II, (5). *Prerequisite*: Mathematics M1. Miss HATTAN; (S, Dr. FOX, Dr. WELKER).
3. ALGEBRA.—S, I, and II, (5). Students having  $1\frac{1}{2}$  entrance units in algebra receive only three hours credit. Seniors receive only four hours credit. *Prerequisite*: Entrance algebra, 1 unit; plane geometry, 1 unit. Associate Professor HAZLETT, Assistant Professor CHANLER, Dr. ARMSTRONG, Dr. VAUGHAN, Dr. BOWER, Dr. BEDRICK, Miss BRANNON, Mrs. BAILAR, Mr. McSWANE, Mrs. ARNETT, Miss MORFOOT, Miss SEYBOLD, Miss WILLIAMS; (S, Dr. STEIMLEY, Dr. PETERS, Miss ATHERTON).
- †M3. MATHEMATICAL ANALYSIS.—S, (5). *Prerequisite*: Two and one-half units of high school mathematics. Assistant Professor LEVY, Mr. HELTON.
4. PLANE TRIGONOMETRY.—S, I, and II, (2). Seniors receive only one hour credit. *Prerequisite*: Entrance algebra,  $1\frac{1}{2}$  units, or registration in Mathematics 3; plane geometry, 1 unit. Assistant Professors LEVY and CHANLER, Dr. WILSON, Dr. MENDEL, Dr. WELKER, Dr. PETERS, Dr. BEDRICK, Mr. PHILLIPS, Miss BRANNON, Mrs. BAILAR, Mr. McSWANE, Mr. BOSWELL, Mrs. ARNETT, Miss MORFOOT, Miss SEYBOLD, Miss SINCLAIR; (S, Dr. ARMSTRONG, Miss HOSTINSKY, Mrs. GOODSON, Mrs. WORKMAN).
- †M4. MATHEMATICAL ANALYSIS.—S, (5). *Prerequisite*: Mathematics M3. Mr. HOBART, Miss BATES.
- 4a. ELEMENTS OF ALGEBRA AND TRIGONOMETRY.—For pre-medical students who have entered with only one unit of high school algebra and who need credit in trigonometry as a prerequisite to physics. This course does not serve as a prerequisite for Mathematics 6 or 6a. Pre-medical students who enter with  $1\frac{1}{2}$  units of algebra *must* take Mathematics 4 above. S, I, and II, (3). *Prerequisite*: High school algebra, 1 unit. Dr. PETERS, Dr. BEDRICK; (S, Assistant Professor CHANLER, Mrs. GOODSON).
5. ADVANCED TRIGONOMETRY.—Intended for students having entrance credit in trigonometry. The course will include such topics as trigonometric equations, De Moivre's theorem, complex numbers with applications to more complicated problems in plane trigonometry, and a brief introduction to spherical trigonometry. I and II, (2). Seniors receive only one hour credit. *Prerequisite*: Entrance algebra,  $1\frac{1}{2}$  units; plane geometry, 1 unit; solid geometry,  $\frac{1}{2}$  unit; Mathematics 4, or entrance trigonometry ( $\frac{1}{2}$  unit) provided the student can pass a placement test, given in the first two class meetings, on the entrance material. Assistant Professor LEVY, Dr. PEPPER, Dr. MENDEL, Dr. WELKER, Dr. BOWER, Dr. ARMSTRONG, Mrs. MILES.
- †M5. DIFFERENTIAL CALCULUS.—S, I, and II, (5). *Prerequisite*: First-year mathematics. Dr. ARMSTRONG, Dr. MENDEL, Dr. VAUGHAN, Dr. BRISTOW, Dr. HAMMING; (S, Assistant Professor LEVY, Dr. FOX, Dr. BOWER, Mr. HOBART, Miss HATTAN, Mr. HELTON).
- [6. ANALYTIC GEOMETRY.—I and II, (5). Seniors receive only four hours credit. *Prerequisite*: Mathematics 2 or 3, and 4 or 5. Not given in 1944-1945.]
- †M6. INTEGRAL CALCULUS.—S, I, and II, (3). *Prerequisite*: Mathematics M5. Dr. ARMSTRONG, Dr. VAUGHAN, Dr. BRISTOW, Miss HATTAN; (S, Dr. MENDEL, Dr. FOX, Mr. HOBART, Miss BATES).
- 6a. ANALYTIC GEOMETRY.—Plane and solid analytic geometry. S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite*: Mathematics 2 or 3, and 4 or 5. Assistant Professor CHANLER, Dr. ARMSTRONG, Dr. WILSON, Dr. MENDEL, Dr. BOWER, Dr. BEDRICK, Mr. PHILLIPS, Miss BRANNON, Miss SCHUBERT, Miss SEYBOLD, Miss WILLIAMS; (S, Dr. STEIMLEY, Mr. PHILLIPS, Miss HOSTINSKY).
- †M6a. ANALYTIC GEOMETRY.—S, (4). *Prerequisite*: Mathematics 2 or 3 and 4. Dr. VAUGHAN, Dr. BRISTOW.

†Navy College Training Program course, open to engineering students.

7. CALCULUS.—First course for students of mathematics and engineering. S, I, and II, (5). *Prerequisite*: Mathematics 6 or 6a. Associate Professor HAZLETT, Assistant Professor LEVY, Dr. PEPPER, Dr. WILSON, Dr. MENDEL, Dr. BOWER, Dr. PETERS; (S, Dr. ARMSTRONG, Dr. WELKER).
- †M7. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS.—S, I, and II, (3). *Prerequisite*: Mathematics M6. Dr. VAUGHAN; (S, Dr. BRISTOW).
- [8a. CALCULUS.—For students of chemistry, chemical engineering, ceramics, ceramic engineering, metallurgy, and mining engineering. I and II, (3). *Prerequisite*: Combined first-year course (Mathematics 10a-10b) or consent of instructor. Not given in 1944-1945.]
- [8b. CALCULUS.—Continuation of Mathematics 8a. I and II, (3). *Prerequisite*: Mathematics 8a. Not given in 1944-1945.]
9. CALCULUS.—Second course for students of mathematics and engineering. S, I, and II, (3). *Prerequisite*: Mathematics 7. Professors COBLE and TRJITZINSKY, Associate Professor BAILEY, Dr. MENDEL, Dr. WELKER; (S, Professor BRAHANA).
- [9a. CALCULUS.—Special topics. I and II, (2). *Prerequisite*: Mathematics 7 and 9, or 8a-8b. Not given in 1944-1945.]
- †M9a. DIFFERENTIAL EQUATIONS.—S, (2). *Prerequisite*: Mathematics 8b or 9. Dr. VAUGHAN, Dr. FOX, Dr. BOWER, Dr. BRISTOW.
- 10a. COMBINED FRESHMAN MATHEMATICS.—A combined course integrating all the usual topics of algebra, trigonometry, and analytic geometry, and also some topics of differential calculus. For students of chemistry, chemical engineering, ceramic engineering, ceramics, metallurgy, and mining engineering. S, (5). *Prerequisite*: Entrance algebra, 1½ units; plane geometry, 1 unit. Assistant Professor CHANLER, Mr. PHILLIPS.
- 10b. COMBINED FRESHMAN MATHEMATICS (CONTINUED).—S and I, (4). *Prerequisite*: Mathematics 10a. Dr. WELKER; (S, Dr. ARMSTRONG, Mr. PHILLIPS).
- [23. MATHEMATICS OF FINANCE.—II, (3). *Prerequisite*: Mathematics 2; junior standing. Not given in 1944-1945.]
- 90a-90b. UNDERGRADUATE THESIS.—I and II, (2). *Prerequisite*: 24 hours of college mathematics. Members of the department.

### Courses for Advanced Undergraduates and Graduates

NOTE:—Mathematics 32, 35, 36, and 40 are suggested as desirable courses for students preparing to teach high school mathematics.

- 16a-16b. DIFFERENTIAL EQUATIONS.—S (16a only), and continuous through I and II, (3). *Prerequisite*: Mathematics 7 and 9, or 8a-8b. Dr. STEIMLEY; (S, Dr. WELKER).
- †M16a. DIFFERENTIAL EQUATIONS.—I, (3). *Prerequisite*: Mathematics 7 and 9. Dr. MENDEL.
18. ADVANCED CALCULUS.—S and II, (3). *Prerequisite*: Mathematics 7 and 9, or 8a-8b. Dr. PETERS; (S, Professor BRAHANA).
19. DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.—I, (3). *Prerequisite*: Mathematics 7 and 9, or 8a-8b. Dr. PETERS.
- [21. THEORY OF PROBABILITY.—II, (3). *Prerequisite*: Mathematics 7 and 9, or 8a-8b. Not given in 1944-1945.]
- 22a-22b. STATISTICS.—S, I, and II, (3). *Prerequisite*: Mathematics 2 or 3; junior standing. Dr. BOWER; (S, Dr. WELKER).
- [30-31. ACTUARIAL THEORY.—Continuous through I and II, (3). *Prerequisite*: Mathematics 7 and 9, or 8a-8b. Not given in 1944-1945.]
- [32. HISTORY OF MATHEMATICS.—II, (3). *Prerequisite*: Eighteen hours of mathematics, including Mathematics 7 and 9. Not given in 1944-1945.]
35. TEACHERS COURSE.—I, (3). *Prerequisite*: A year in calculus, or consent of instructor. Assistant Professor CHANLER.
36. ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY.—II, (3). *Prerequisite*: Eighteen hours of mathematics, including Mathematics 7 and 9. Assistant Professor CHANLER.
37. ARITHMETIC FOR TEACHERS.—A systematic presentation of arithmetic for juniors and seniors who are preparing to teach in elementary schools. Required for state elementary school certificate but not acceptable for credit in the College of Liberal Arts and Sciences. II, (5). Assistant Professor HARTLEY.

†Navy College Training Program course, open to engineering students.

- 40a-40b. FUNDAMENTAL CONCEPTS OF MATHEMATICS.—S, I, and II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Dr. PEPPER; (S, Assistant Professors CHANLER and MILES).
- 70a-70b. INTRODUCTION TO HIGHER ALGEBRA.—S (70a only), (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Professors COBLE and BRAHANA.
- 71a-71b. INTRODUCTION TO HIGHER ANALYSIS.—S (71a only), and continuous through I and II, (3). *Prerequisite:* One year of mathematics beyond the calculus, or consent of instructor. Dr. WILSON; (S, Professor TRJITZINSKY, Dr. PETERS).
- 72a-72b. INTRODUCTION TO HIGHER GEOMETRY.—Continuous through I and II, (3). *Prerequisite:* Mathematics 7 and 9. Professor COBLE.

### Courses for Graduates

NOTE:—Students beginning graduate study with a major in mathematics must have had twenty hours of undergraduate work in mathematics besides the usual freshman courses in algebra, trigonometry, and analytic geometry, including a one-year course in calculus and one year of more advanced work in one or more of the fields of algebra, analysis, and geometry. They should be able to read German or French.

Candidates for a Ph.D. degree taking a first minor in mathematics are expected to have completed a course in calculus and are required to take two one-year courses beyond the calculus. Those taking a second minor are required to complete at least one course throughout a year beyond the calculus.

The more technical courses offered by the department are arranged mainly in cycles of two or three years, so that a properly qualified student will usually have opportunity to take any particular course at some time during the three years of residence required for a doctor's degree.

100. SEMINAR AND THESIS.—S, I, and II, (1 to 2 units). Professors in the department.
- [101. FUNCTIONS OF REAL VARIABLES.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [102. FUNCTIONS OF A COMPLEX VARIABLE.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [104. TOPOLOGY.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
105. CALCULUS OF VARIATIONS.—Continuous through I and II, (1 unit).—Associate Professor BOURGIN.
109. SEMINAR IN RESEARCH TOPICS.—I and II, (1 unit). Professor CARMICHAEL.
- [110. ELLIPTIC FUNCTIONS.—II, (1 unit). Not given in 1944-1945.]
- [111. DIFFERENTIAL EQUATIONS.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor TRJITZINSKY.]
- [112. THEORY OF LINEAR DIFFERENCE EQUATIONS.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor CARMICHAEL.]
- 114a-114b. PARTIAL DIFFERENTIAL EQUATIONS.—S (114a only), (1 unit). Professor BOURGIN.
- [115. ADVANCED TOPICS IN THE THEORY OF FUNCTIONS.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor TRJITZINSKY.]
- [116. TOPICS IN CLASSICAL ANALYSIS.—I, (1 unit). Not given in 1944-1945.]
- [124. THEORY OF NUMBERS.—I, (1 unit). Not given in 1944-1945.]
- [126. THEORY OF GROUPS.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- [127. FUNDAMENTALS OF GEOMETRY.—II, (1 unit). Not given in 1944-1945.]
- [128. CONTINUOUS GROUPS.—II, (1 unit). Not given in 1944-1945. Professor BAER.]
129. STATISTICS.—S, I, and II, (1 unit). Dr. WELKER.
- [131. ADVANCED GEOMETRY.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor COBLE.]
- [135. DIFFERENTIAL GEOMETRY.—II, (1 unit). Not given in 1944-1945.]
- [141a-141b. VECTOR ANALYSIS.—S, ( $\frac{3}{4}$  to 1 unit). Not given in 1944-1945. Assistant Professor LEVY.]
- [151. LINEAR OPERATIONS.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor BOURGIN.]
- [153. THE MATHEMATICAL THEORY OF AERODYNAMICS.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor BOURGIN.]
169. ELEMENTS OF HIGHER GEOMETRY AND ALGEBRA.—Continuous through I and II, (1 unit). Professor BRAHANA.

170. ALGEBRA.—S, and continuous through I and II, (1 unit). Professor BAER; (S, Professor BRAHANA).
171. ANALYSIS.—S, and continuous through I and II, (1 unit). Professor TRJITZINSKY.
172. GEOMETRY.—S, and continuous through I and II, (1 unit). Assistant Professor LEVY; (S, Associate Professor BOURGIN).

## MECHANICAL ENGINEERING

*Professors:* LEUTWILER (Head of the Department), KRATZ, YOUNG, HAM, POLSON, CASBERG, MACINTIRE, SEVERNS,<sup>1</sup> ESPY, RYAN.

*Associate Professors:* RIDDELL, FELLOWS.

*Assistant Professors:* LARSON, SCHUBERT,<sup>2</sup> TRIGGER.

*Associates:* HALL (Emeritus), STARR, BROGHAMER,<sup>3</sup> GOGLIA, KRANS,<sup>3</sup> MILES, SEYFARTH,<sup>3</sup> COLE, GREFFE, HENRY.

*Instructors:* WRIGHT, LUKE.<sup>3</sup>

*Assistants:* DERROUGH, SINGER.

*Summer of 1944 but not in current year:* P. E. MOHN.

### Courses for Undergraduates

1. STEAM, AIR, AND GAS MACHINERY.—Theory, construction, operating characteristics of boilers, prime movers, air compressors, and auxiliaries. For civil engineering students. S, I, and II, (3). *Prerequisite:* Mathematics 9; Physics 1 and 3. Professors POLSON and SEVERNS, Mr. MILES.
- †1N. KINEMATICS.—Linkages, cams, gears, and velocities and accelerations as applied to machine elements. S, I, and II, (2). *Prerequisite:* Credit or registration in Theoretical and Applied Mechanics 2 (Navy A2). Professors HAM and RYAN, Mr. GREFFE.
2. STEAM ENGINEERING.—Thermodynamic properties of working mediums, transformation of heat to work, theoretical and practical limitations; the second law, absolute temperature, available energy; power cycles, ideal and practical; energy equations of steady flow; power equipment and auxiliaries. For chemical engineering students. S, I, and II, (3). *Prerequisite:* Mathematics 9 or 8b; Physics 1 and 3. Assistant Professor LARSON.
3. POWER PLANT ENGINEERING.—Steam generators, prime movers, and auxiliaries, for central stations. For electrical and general engineering students. I, (3). *Prerequisite:* Mechanical Engineering 10; registration in Mechanical Engineering 61. Professor MACINTIRE, Associate Professor FELLOWS.
- †3N. HEAT POWER.—Study of steam generators, prime movers, and auxiliaries with emphasis on application of thermodynamic principles. Laboratory tests and reports on characteristics and performances of compressors, engines, nozzles, turbines, and related equipment. II, (5). *Prerequisite:* Mechanical Engineering 4N or 13. Assistant Professor LARSON, Mr. COLE.
- †3aN. HEAT POWER.—Study of apparatus for power generation with emphasis on application of thermodynamic principles. Laboratory tests and reports on performance of internal combustion engines, air compressor, turbines, and related equipment. II, (3). *Prerequisite:* Mechanical Engineering 4aN or 10.
- †4N. THERMODYNAMICS.—The fundamental principles involved in the release, transfer and conversion of thermal energy and theoretical limitations. Absolute temperature, entropy and available energy. Properties of working media with applications to nonflow and steady flow processes involving combustion, compression, expansion or flow through nozzles or orifices. S, I, and II, (5). *Prerequisite:* Physics PH2 or 1b and 3b; Mathematics M6 or 9; Theoretical and Applied Mechanics 2 (Navy A2). Professor ESPY.
- †4aN. THERMODYNAMICS.—Same objectives and emphasis on fundamentals and subject matter as in Mechanical Engineering 4N, with a careful selection of applications and problems to suit the reduced time. S, I, and II, (3). *Prerequisite:* Physics PH2 or 1b and 3b; Mathematics M6 or 9; Theoretical and Applied Mechanics 2 (Navy A2). Professor MACINTIRE, Mr. COLE.

<sup>1</sup>On leave of absence second semester.

<sup>2</sup>On leave of absence first semester.

<sup>3</sup>On leave of absence for war service.

†Navy College Training Program course, open to engineering students.

- [5. LOCOMOTIVES.—I, (3). *Prerequisite:* Theoretical and Applied Mechanics 1; registration in Mechanical Engineering 13 and Theoretical and Applied Mechanics 2. Not given in 1944-1945. Professor YOUNG.]
- [6. POWER PLANT EQUIPMENT.—For mechanical engineering students. I and II, (4). *Prerequisite:* Registration in Mechanical Engineering 14. Not given in 1944-1945. Professor MACINTIRE, Associate Professor FELLOWS.]
- 6w. POWER PLANT EQUIPMENT.—An abbreviation of Mechanical Engineering 6. S and I, (3). *Prerequisite:* Registration in Mechanical Engineering 14. Associate Professor FELLOWS, Mr. HENRY; (S, Associate Professor MOHN).
7. INTERNAL COMBUSTION ENGINES.—Theory, performance, and general characteristics. S, I, and II, (3). *Prerequisite:* Mechanical Engineering 6 or 3. Professor POLSON.
- †7N. MACHINE DESIGN.—Design of machine elements, gears, shafts, bearings, frames, belts, chains, and couplings. I and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 2 (Navy A2); credit or registration in Theoretical and Applied Mechanics 3 (Navy CE3). Professor RYAN, Mr. GREFFE.
- [8. RAILWAY OPERATION.—I, (3). *Prerequisite:* Mechanical Engineering 5. Not given in 1944-1945. Professor YOUNG.]
- †8N. MECHANICS OF MACHINERY.—Graphical constructions, kinetics, balancing, critical speeds, vibrations, gyroscopic forces. II, (3). *Prerequisite:* Mechanical Engineering 1N. Professor HAM, Mr. GREFFE.
- †9N. MECHANICAL PROCESSES.—Casting, forming, machining, heat treating, and welding. Classroom discussions and demonstrations. I and II, (3). *Prerequisite:* Junior standing. Professor CASBERG, Assistant Professor TRIGGER, Mr. STARR, Mr. WRIGHT, Mr. SINGER, Mr. DERROUGH.
10. THERMODYNAMICS.—Transformation of heat to work, theoretical and practical limitations, absolute scale of temperature and its significance, thermodynamic properties of working media, energy equation of steady flow, analysis of ideal power and refrigeration cycles. For electrical or general engineering students. S, (3). *Prerequisite:* Mathematics 9; Physics 1 and 3. Mr. COLE.
13. THERMODYNAMICS.—Transformations of energy, theoretical limitations; second law, absolute temperature, entropy and available energy; properties of gases, liquids, vapors, and vapor mixtures. S, (3). *Prerequisite:* Mathematics 9; Physics 1 and 3. Mr. COLE.
14. THERMODYNAMICS.—Energy relations of one-dimensional steady flow of compressible fluids applied to the De Laval nozzle, simple orifice, and long pipe; simple single-stage impulse turbine; ideal power cycles; thermodynamics and processes of moist air; and other applications. S and I, (3). *Prerequisite:* Mechanical Engineering 13. Professor ESPY, Assistant Professor LARSON.
15. ENGINEERING THERMODYNAMICS.—Application of principles of thermodynamics to selected problems of power production, heat transfer, fluid flow of a compressible medium, cycle analysis. S and II, (3). *Prerequisite:* Mechanical Engineering 14. Professor ESPY.
17. REFRIGERATION ENGINEERING.—Mechanical cooling in industrial processes. I and II, (3). *Prerequisite:* Mechanical Engineering 14. Professor MACINTIRE.
- [21. MECHANICAL EQUIPMENT OF BUILDINGS.—I, (1). *Prerequisite:* Senior standing; registration in Mechanical Engineering 23. Not given in 1944-1945. Professor SEVERNS.]
- [23. MECHANICAL EQUIPMENT OF BUILDINGS.—I, (4). *Prerequisite:* Senior standing; registration in Mechanical Engineering 21. Not given in 1944-1945. Professor SEVERNS.]
- [25. HEATING AND VENTILATION FOR ARCHITECTS.—I, (2). *Prerequisite:* Senior standing. Not given in 1944-1945. Professor SEVERNS.]
28. HEATING, VENTILATING, AND AIR CONDITIONING.—Steam boilers and water heaters, direct and indirect heating, gravity systems, district heating, ventilation and air analysis, air conditioning. S, I, and II, (4). *Prerequisite:* Mechanical Engineering 14 and 65. Professor SEVERNS, Associate Professor FELLOWS.
31. MECHANICS OF MACHINERY.—Cams, gears; graphical construction; kinetics; balancing; critical speeds; force and mass reduction. S, (5). *Prerequisite:* Registration in Theoretical and Applied Mechanics 2. Professors HAM and RYAN, Mr. GREFFE.

†Navy College Training Program course, open to engineering students.

33. AERONAUTICAL ENGINEERING.—Aerodynamic principles in airplane design. I and II, (3). *Prerequisite:* Senior standing. Associate Professor RIDDELL.
34. AERONAUTICAL ENGINEERING.—Loads and stresses, materials and methods of construction. II, (3). *Prerequisite:* Mechanical Engineering 33. Associate Professor RIDDELL.
- [35. PETROLEUM PRODUCTION ENGINEERING.—I, (3). *Prerequisite:* Senior standing in mechanical engineering, or consent of instructor. Not given in 1944-1945. Assistant Professor LARSON.]
- [36. PETROLEUM PRODUCTION ENGINEERING.—II, (3). *Prerequisite:* Mechanical Engineering 35, or consent of instructor. Not given in 1944-1945. Assistant Professor LARSON.]
40. MECHANICAL ENGINEERING DESIGN.—Design of machinery subjected to heavy and variable stresses. S and I, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63; Mechanical Engineering 31. Professor HAM, Mr. GREFFE.
- [41. MECHANICAL ENGINEERING DESIGN.—Continuation of course 40. I and II, (4). *Prerequisite:* Mechanical Engineering 40. Not given in 1944-1945. Professors LEUTWILER and RYAN.]
- 41w. MECHANICAL ENGINEERING DESIGN.—An abbreviation of Mechanical Engineering 41. S, I, and II, (3). Professors LEUTWILER and RYAN.
52. POWER PLANT DESIGN.—Study and design of some form of modern steam power plant. S, I, and II, (3). *Prerequisite:* Mechanical Engineering 65. Professors LEUTWILER and RYAN.
- [54. LOCOMOTIVE AND CAR DESIGN.—II, (3). *Prerequisite:* Registration in Mechanical Engineering 8. Not given in 1944-1945. Professor YOUNG.]
61. MECHANICAL ENGINEERING LABORATORY.—Tests of prime movers and auxiliaries. For chemical and electrical engineering students. S and I, (2). *Prerequisite:* Mechanical Engineering 1, 2, or 3. Professor ESPY, Assistant Professor LARSON.
- [62. MECHANICAL ENGINEERING LABORATORY.—I, (3). Students who have credit in Mechanical Engineering 1, 2, or 3 may register for one hour of laboratory work only. *Prerequisite:* Junior standing. Not given in 1944-1945. Mr. MILES.]
64. MECHANICAL ENGINEERING LABORATORY.—Instruments and tests of steam prime movers, pumps, fans, internal combustion engines, and flow of compressible media. Engineering reports. S and I, (3). *Prerequisite:* Registration in Mechanical Engineering 6 and 14, or 3. Professor ESPY, Associate Professors MOHN and FELLOWS, Mr. MILES, Mr. COLE.
65. MECHANICAL ENGINEERING LABORATORY.—Tests of air conditioning equipment, reciprocating steam pumps, air compressors, and other power and mechanical equipment selected by the students. Engineering reports. S, I, and II, (3). *Prerequisite:* Mechanical Engineering 64. Professor SEVERNS, Assistant Professor LARSON, Mr. MILES, Mr. COLE.
84. WELDING ENGINEERING.—Welding processes; metallurgy, metallography, physical tests, and inspection of welds; design of weldments; application to the design and production of machines and structures. S and II, (3). *Prerequisite:* Senior standing in engineering; consent of instructor. Assistant Professor TRIGGER, Mr. SINGER.
85. PATTERN AND FOUNDRY LABORATORY.—Design of wood and metal patterns; metallurgy of gray iron; floor, bench, and machine molding; core making; brass furnace and cupola practice; sand testing. I and II, (3). *Prerequisite:* Sophomore standing; General Engineering Drawing 1 or 4. Assistant Professor TRIGGER, Mr. WRIGHT.
87. MACHINE TOOL LABORATORY.—Machine tools; fixtures, jigs, and tools for producing interchangeable parts. S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor CASBERG, Mr. STARR, Mr. DERROUGH.
88. MACHINE TOOL LABORATORY.—Experiments on machine tool performance, tool and fixture design, shop management and production problems. S, I, and II, (3). *Prerequisite:* Mechanical Engineering 87; junior standing. Professor CASBERG, Assistant Professor TRIGGER, Mr. STARR, Mr. DERROUGH.
89. HEAT TREATMENT OF METALS.—Heat treatment and metallurgy of steels and non-ferrous alloys; heat treating operations and study of microstructure and physical properties; hardenability, grain size testing, and machinability; heat treating operations as applied in production. S, I, and II, (3). *Prerequisite:* Senior standing in mechanical engineering. Assistant Professor TRIGGER, Mr. SINGER.

- 97-98. THESIS.—Investigation of special subjects and preparation of thesis embodying review of the literature, discussion of results. S, and continuous through I and II, (3). *Prerequisite*: Senior standing. Assistant Professor TRIGGER.
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite*: Senior standing. Not given in 1944-1945.]

### Courses for Graduates

NOTE:—The prerequisite for graduate work in mechanical engineering is the equivalent of the undergraduate course required for a bachelor's degree in mechanical engineering in the branch of the subject in which registration is desired.

- [107. THERMODYNAMICS.—I and II, (1 unit). Not given in 1944-1945.]
- [108. FLOW OF FLUIDS AND HEAT TRANSFER.—I and II, (1 unit). Not given in 1944-1945. Professor MACINTIRE.]
- [109. MECHANICAL ENGINEERING DESIGN.—I and II, (1 unit). Not given in 1944-1945.]
110. ADVANCED HEATING, VENTILATING, AND AIR CONDITIONING.—Applications of various systems, notable developments, and results of research. Individual problems. II, (1 unit). Professor SEVERNS.
112. LABORATORY INVESTIGATIONS.—Special problems in: (a) combustion; (b) steam; (c) gas and oil engineering; (d) heating, ventilating, and air conditioning; (e) refrigeration; (f) flow of fluids; (g) heat transfer; (h) mechanical transmission of power; (i) railway equipment. S, I, and II, (1½ units). Professors KRATZ and HAM.
- [117. ADVANCED REFRIGERATION ENGINEERING.—I and II, (1 unit). Not given in 1944-1945.]
- [120. LOCOMOTIVE DESIGN.—S, I, and II, (1 unit). Not given in 1944-1945. Professor YOUNG.]
- [121. LOCOMOTIVE OPERATION.—S, I, and II, (1 unit). Not given in 1944-1945. Professor YOUNG.]

### MILITARY BANDS

*Professors*: HARDING (Director).

*Assistant Professors*: HINDSLEY<sup>1</sup> (Assistant Director), SAWHILL (Acting Assistant Director).

*Instructors*: WILSON.<sup>1</sup>

*Assistants*: SMITH.<sup>2</sup>

### Courses for Undergraduates

NOTE:—The following courses are open only to those who have passed the examination for membership in one of the bands. All new students who play band instruments and who desire to try for places in the bands should make application at the Band Office. Those who are accepted for membership will be given a slip indicating the band to which they have been assigned, together with their rehearsal days and hours. Assignments are made according to proficiency. Service in the bands takes the place of part of the military drill required of freshmen and sophomores.

- 1-2. FRESHMAN BAND.—S, I, and II. Director HARDING, Assistant Director SAWHILL, Mr. SMITH.
- 3-4. SOPHOMORE BAND.—S, I, and II. Director HARDING, Assistant Director SAWHILL, Mr. SMITH.
- 5-6. JUNIOR BAND.—S, I, and II. Director HARDING, Assistant Director SAWHILL.
- 7-8. SENIOR BAND.—S, I, and II. Director HARDING, Assistant Director SAWHILL.

### MILITARY SCIENCE AND TACTICS

*Professors*: Colonels SPARKS<sup>3</sup> (Commandant), CHAPMAN<sup>4</sup> (Commandant).

*Associate Professors*: Major KREGER.

*Assistant Professors*: Captains McLINTOCK, SMITH, St. MARIE.

*Associates*: First Lieutenants KAISER, LYNCH, BRIDGEWATER, THORN.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Second semester.

<sup>3</sup>Retirement effective April 1, 1945.

<sup>4</sup>Appointment as Commandant effective April 1, 1945.

### Courses for Undergraduates

NOTE:—All military courses designated by the letter "a" are practical; those designated by the letter "b" are theoretical.

*Director:* Colonel CHAPMAN.

*Instructors:* Captains SMITH, St. MARIE, Lieutenant BRIDGEWATER.

- 1a-2a. FRESHMAN R.O.T.C.—Close and extended order drill; weapons; elementary infantry tactics; interior guard duty; sanitation and first aid; display and care of equipment. S, I, and II, (½).
- 1b-2b. FRESHMAN R.O.T.C.—Military courtesy and discipline; articles of war; elementary map readings; military organization; sex hygiene. S, I, and II, (½).
- 3a-4a. SOPHOMORE R.O.T.C.—Close and extended order drill; infantry tactics; infantry weapons; leadership; scouting and patrolling; field fortifications. S, I, and II, (½).
- 3b-4b. SOPHOMORE R.O.T.C.—Security and defense; methods of instruction; combat training; tactics of the rifle platoon; administration; advanced map reading. S, I, and II, (½).

## MILITARY TRAINING FOR WOMEN

### Courses for Undergraduates

- [81. BASIC TRAINING.—I and II, (2). *Prerequisite:* Sophomore or junior standing; approval of the Dean of Women and the Commandant of the Military Department. Not given in 1944-1945.]
- [83. ADVANCED TRAINING.—I and II, (2). *Prerequisite:* Military Training for Women 81. Not given in 1944-1945.]

## MINING AND METALLURGICAL ENGINEERING

*Professors:* WALKER (Head of the Department).

*Assistant Professors:* BRUCKNER, FORSYTH, STEWART.

*Associates:* ECKEL, RICKETTS.<sup>1</sup>

### MINING

#### Courses for Undergraduates

1. ELEMENTS OF MINING.—Explosives, drilling, blasting, tunneling, shaft sinking. I, (4). *Prerequisite:* Sophomore standing in mining engineering. Assistant Professor STEWART.
2. MINING METHODS.—Methods of working bedded, vein, and placer deposits; mechanized mining. II, (4). *Prerequisite:* Mining 1. Assistant Professor STEWART.
10. HAULAGE, HOISTING, AND PUMPING.—Haulage: cars, locomotives, track; hoisting: ropes, cages and skips, hoisting engines; mine drainage and pumping. I, (4). *Prerequisite:* Mining 2. Assistant Professor STEWART.
11. MINE VENTILATION.—Mine gases; ventilation of mines; mine fires and explosions. S and II, (2). *Prerequisite:* Mining 2. Assistant Professor STEWART.
12. MINE SURVEYING.—Methods of underground surveying. II, (2). *Prerequisite:* Civil Engineering 15 or equivalent. Assistant Professor STEWART.
- [20. MINE ADMINISTRATION.—I, (3). *Prerequisite:* Senior standing in mining engineering. Not given in 1944-1945. Assistant Professor STEWART.]
- [21. MINERAL DRESSING.—I, (3). *Prerequisite:* Junior standing in mining or metallurgical engineering. Not given in 1944-1945. Assistant Professor STEWART.]
- [22. FUELS.—I, (3). *Prerequisite:* Chemistry 4 or equivalent. Not given in 1944-1945.]
- [23. EXAMINATION AND VALUATION.—II, (2). *Prerequisite:* Mining 2. Not given in 1944-1945.]
24. MINING DESIGN.—Student selects a project, such as design of headframe, shop building, shaft bottom, etc. S, (3). *Prerequisite:* Senior standing in mining engineering. Assistant Professor STEWART.

<sup>1</sup>On leave of absence for war service.



25. COAL PREPARATION.—Mechanical preparation of coal, float and sink testing, washability curves, laboratory control. S, (2). *Prerequisite:* Mining 21. Assistant Professor STEWART.
- [30. MINING PRINCIPLES.—For students in curricula other than mining engineering. II, (3). *Prerequisite:* Sophomore standing. Not given in 1944-1945.]
- [61. FIRST AID AND MINE RESCUE.—One week spent at a State Rescue Station. Credit granted upon securing certificate. S, (1). *Prerequisite:* Registration in mining engineering. Not given in 1944-1945. Assistant Professor STEWART.]
- [62. SUMMER MINE SURVEYING.—Two weeks practice in underground surveying in an Illinois coal mine. S, (2). *Prerequisite:* Mining 12. Not given in 1944-1945.]
90. SEMINAR.—S and II, (1). *Prerequisite:* Senior standing. Assistant Professor FORSYTH, Mr. ECKEL.
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite:* Senior standing. Not given in 1944-1945.]

### Courses for Graduates

NOTE:—The prerequisite for graduate work with mining engineering as a major is the equivalent of the undergraduate courses required for a bachelor's degree in mining engineering. Courses for advanced undergraduates are open for minor credit to students whose major is in other departments who have adequate preparation in physics, mathematics, and mechanics.

101. RESEARCH IN MINING ENGINEERING AND MINERAL DRESSING.—S, I, and II, (1 to 2 units). Professor WALKER.
102. ADVANCED MINERAL DRESSING AND COAL PREPARATION.—I, (1 unit). Assistant Professor STEWART.
- [104. MINE VALUATION, TAXATION, AND MINERAL ECONOMICS.—II, (1 unit). Not given in 1944-1945. Members of the department.]
- [105. ADVANCED MINE ADMINISTRATION.—II, (1 unit). Not given in 1944-1945. Members of the department.]

## METALLURGY

### Courses for Undergraduates

1. ELEMENTS OF METALLURGY.—For students in curricula other than metallurgical engineering. Production of refined ferrous and non-ferrous metals from their ores; properties of metals and alloys as related to structure and treatment; constitutional diagrams; casting, shaping, and welding. I and II, (3). *Prerequisite:* Chemistry 4, 5, or 6; Physics 1b, 3b; junior standing. Assistant Professor FORSYTH.
2. PRINCIPLES OF METALLURGY.—Ores, fluxes, slags, metallurgical processes, types of furnaces, fuels. I, (3). *Prerequisite:* Registration in Ceramic Engineering 21 and Chemistry 48a. Professor WALKER.
- [3. FIRE ASSAYING.—S and II, (2). *Prerequisite:* Chemistry 22; Geology 20. Not given in 1944-1945. Assistant Professor FORSYTH.]
4. PHYSICAL METALLURGY.—Properties of metals and alloys as related to structure and treatment; constitutional diagrams; casting, shaping, and welding. I, (3). *Prerequisite:* Credit or registration in Geology 20 and Metallurgy 2. Assistant Professor FORSYTH.
5. FERROUS METALLURGY.—Production of pig-iron, wrought iron, steel; blast furnace, Bessemer, open hearth, and electric furnaces; casting, shaping, heat treatment; problems. S and II, (3). *Prerequisite:* Registration in Metallurgy 6. Assistant Professor FORSYTH.
6. METALLURGICAL CALCULATIONS.—Fundamental calculations relating to processes, heat balances, and the thermochemistry of metallurgical reactions. S and II, (2). *Prerequisite:* Metallurgy 4; Chemistry 48a. Mr. ECKEL.
7. FERROUS METALLOGRAPHY.—Internal structure, constitution, treatment, and properties of pure iron, of steel with various amounts of carbon, of alloy steels and cast iron. I, (3). *Prerequisite:* Metallurgy 4; Theoretical and Applied Mechanics 3 and 63. Mr. ECKEL.
8. FERROUS METALLOGRAPHY LABORATORY.—Heat treatment, thermal analysis; preparation of specimens, use of microscope, photomicrography; interpretation of structure of alloys discussed in Metallurgy 7. I, (2). *Prerequisite:* Registration in Metallurgy 7. Mr. ECKEL.

9. NON-FERROUS METALLURGY.—The metallurgy of the non-ferrous metals—copper, lead, zinc, aluminum, gold, silver, etc.; principles, processes, problems. I, (3). *Prerequisite:* Metallurgy 6; Mining 9. Professor WALKER.
10. NON-FERROUS METALLOGRAPHY.—Internal structure, constitution, treatment, and properties of non-ferrous metals and alloys. Laboratory work in preparation of alloys; heat treatment, microscopic examination, photomicrography, and interpretation of structure. S and II, (3). *Prerequisite:* Metallurgy 7, 8, 9. Mr. ECKEL.
- [11. ELECTROMETALLURGY.—I, (3). *Prerequisite:* Metallurgy 9. Not given in 1944-1945.]
- [12. METALLOGRAPHY.—For students in curricula other than metallurgical engineering. I, (3). *Prerequisite:* Metallurgy 1. Not given in 1944-1945. Assistant Professor FORSYTH.]
- [13. UTILIZATION OF FUELS.—I, (3). *Prerequisite:* Chemistry 22; junior standing in engineering. Not given in 1944-1945.]
- 13w. UTILIZATION OF FUELS.—An abbreviation of Metallurgy 13. S, (2). Assistant Professor FORSYTH.
- [25. METALLURGICAL TESTING AND INSPECTION OF METALS.—For women only. II, (2). Not given in 1944-1945. Professor WALKER, Mr. RICKETTS.]
41. METALLURGICAL DESIGN.—Application of engineering principles of the design of portions of a metallurgical plant; estimates of quantities and costs. I, (3). *Prerequisite:* Senior standing in metallurgical engineering. Assistant Professor FORSYTH.
42. METALLURGICAL DESIGN.—Continuation of Metallurgy 41. II, (2). *Prerequisite:* Metallurgy 41. Professor WALKER.
- [97-98. THESIS.—Continuous through I and II, (1 to 3). *Prerequisite:* High standing and approval of head of department. Not given in 1944-1945. Members of the department.]
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite:* Senior standing. Not given in 1944-1945.]

#### Courses for Graduates

NOTE:—The prerequisite for graduate work with metallurgical engineering as a major is the equivalent of the undergraduate courses required for a bachelor's degree in metallurgical engineering. Courses for advanced undergraduates are open for minor credit to students in other departments who have adequate preparation in physics, chemistry, and mechanics.

101. RESEARCH IN METALLURGY.—I and II, (1 to 2 units). Professor WALKER, Assistant Professors BRUCKNER and FORSYTH.
102. ADVANCED PHYSICAL METALLURGY.—I, (1 unit). Professor WALKER.
103. ALLOY STEELS AND SPECIAL FERROUS ALLOYS.—S and II, (1 unit). Assistant Professor FORSYTH.
104. ADVANCED METALLOGRAPHIC TECHNIQUE.—I, (1 unit). Professor WALKER.

#### MUSIC

*Professors:* STIVEN (Director of the School of Music), HARDING (Director of Bands), VAN DEN BERG (Emeritus), SCHWARTZ (Emeritus), MILES, HILL.

*Associate Professors:* SCHOONMAKER, KESSLER, ROOSA, WATT.

*Assistant Professors:* BERESFORD (Emeritus), HAMP, BOWEN, HINDSLEY,<sup>1</sup> BRANIGAN, FLETCHER,<sup>2</sup> FOOTE,<sup>3</sup> KITCHELL, SAWHILL, USRY, KELLOGG, WYMAN.

*Associates:* DEMMING, SUTHERLIN,<sup>3</sup> KUHN, COHEN,<sup>3</sup> POTTER.

*Instructors:* PERCIVAL, K. L. WILSON,<sup>1</sup> PETTINGA,<sup>1</sup> ROBERTS,<sup>1</sup> G. E. WILSON, ALLEN, STEWART.

*Assistants:* BRADLEY, SEXTON,<sup>4</sup> SMITH.<sup>5</sup>

*Summer of 1944 but not in current year:* MILDRED C. COOK.

<sup>1</sup>On leave of absence for war service.

<sup>3</sup>On leave of absence for the year.

<sup>5</sup>Second semester.

<sup>2</sup>On leave of absence first semester.

<sup>4</sup>First semester.

### Courses for Undergraduates

1. HISTORY OF MUSIC.—S and I, (2). *Prerequisite:* Sophomore standing. Associate Professor ROOSA.
2. HISTORY OF MUSIC.—II, (2). *Prerequisite:* Sophomore standing. Associate Professor ROOSA.
- 3a-3b. THEORY OF MUSIC.—Melodic writing in two and three parts, harmony, and keyboard harmony. Continuous through I and II, (3). *Prerequisite:* Consent of instructor. Associate Professor KESSLER, Mr. POTTER.
- 3c-3d. THEORY OF MUSIC.—Ear training and sight singing. Continuous through I and II, (1). *Prerequisite:* Consent of instructor. Miss PERCIVAL.
- 4a-4b. THEORY OF MUSIC.—Harmony and keyboard harmony. S (4a only), and continuous through I and II, (3). *Prerequisite:* Music 3b. Mr. POTTER; (S, Professor MILES).
- 4c-4d. THEORY OF MUSIC.—Ear training and sight singing. Continuous through I and II, (1). *Prerequisite:* Music 3b. Miss PERCIVAL.
13. APPRECIATION OF MUSIC.—Opera. Primarily for students from the other colleges of the University. S, I, and II, (2). Assistant Professor KITCHELL; (S, Miss COOK, Miss WILSON).
- 14a-14b. APPRECIATION OF MUSIC.—Symphonic poems, symphonies, and chamber music. I and II, (2). Associate Professor WATT, Assistant Professor KITCHELL.
- 92c-93d. SUPPLEMENTARY BAND AND STRING INSTRUMENTS.—I and II, (2). Assistant Professor SAWHILL, Mr. KUHN.

### Courses for Advanced Undergraduates

- 5a-5b. THEORY OF MUSIC.—Advanced harmony. S (5a only), and continuous through I and II, (2). *Prerequisite:* Music 4b. Associate Professor KESSLER.
- 15-16. INSTRUMENTATION.—Continuous through I and II, (1 or 2). *Prerequisite:* Senior standing in music. Professor HARDING, Associate Professor ROOSA.
25. ELEMENTARY AND JUNIOR HIGH SCHOOL MUSIC.—S and I, (2). *Prerequisite:* Junior standing in music, or consent of instructor. Assistant Professor KITCHELL.
26. SENIOR HIGH SCHOOL CHORAL MUSIC.—S and II, (2). *Prerequisite:* Music 25, or consent of instructor. Assistant Professor KITCHELL.
27. INSTRUMENTAL SCHOOL MUSIC.—S and II, (2). *Prerequisite:* Music 26, or consent of instructor. Assistant Professor SAWHILL.
- 30a-30b. ENSEMBLE.—S, and continuous through I and II, ( $\frac{1}{2}$  to 1). *Prerequisite:* Junior standing, or consent of instructor. Professor MILES, Associate Professors SCHOONMAKER and ROOSA, Assistant Professor SAWHILL, Miss WILSON, Mr. POTTER, Mr. ALLEN.
- 31a-31b. ENSEMBLE.—Continuous through I and II, ( $\frac{1}{2}$  to 1). *Prerequisite:* Music 30b. Professor MILES, Associate Professors SCHOONMAKER and ROOSA, Assistant Professor SAWHILL, Miss WILSON, Mr. POTTER, Mr. ALLEN.
- 68a-68b. STRING INSTRUMENTS.—S, (1 or 2); I and II, (2). *Prerequisite:* Junior standing in music, or consent of instructor. Mr. KUHN.
- 94c-94d. SUPPLEMENTARY BAND INSTRUMENTS.—I and II, (2). *Prerequisite:* Junior standing in music. Assistant Professor SAWHILL.
- 95c-95d. CONDUCTING.—I and II, (2). *Prerequisite:* Junior standing in music. Assistant Professor SAWHILL.
- 96d-97d. INSTRUMENTAL CLINIC AND CONDUCTING.—II, (2). Members of the staff.
- 98a-98b. WIND INSTRUMENTS.—S, (1 or 2); I and II, (2). *Prerequisite:* Junior standing in music, or consent of instructor. Assistant Professor SAWHILL.

### Courses for Advanced Undergraduates and Graduates

- 6a-6b. THEORY OF MUSIC.—Free counterpoint. Continuous through I and II, (2). *Prerequisite:* Music 5b. Professor MILES.
- 9-10. ANALYSIS AND MUSICAL FORM.—S (9 only), and continuous through I and II, (2). *Prerequisite:* Music 4b. Professor HILL.
- 11a-11b. COMPOSITION IN SMALLER FORMS.—S, and continuous through I and II, (2). *Prerequisite:* Junior standing in music. Professor MILES; (S, Associate Professor KESSLER).
- 12a-12b. COMPOSITION IN LARGER FORMS.—Continuous through I and II, (4). *Prerequisite:* Senior standing in music. Professor MILES.

- 19a-20a. DOUBLE COUNTERPOINT, CANON, AND FUGUE.—Continuous through I and II, (3). *Prerequisite:* Music 5b. Associate Professor KESSLER.
- 28a-28b. MUSIC DRAMAS OF RICHARD WAGNER.—The earlier works, *Tristan and Isolde*, *Die Meistersinger*, *The Ring*, *Parsifal*. Continuous through I and II, (2). *Prerequisite:* Music 13 and 14a or 14b, or junior standing in music, or consent of instructor. Professor STIVEN.
- 32-33. ADVANCED HISTORY OF MUSIC.—S (33 only), and continuous through I and II, (2). *Prerequisite:* Music 1 and 2. Professor HILL.

### APPLIED MUSIC

NOTE:—The following courses have variable credit. Students in the music curricula ordinarily register for 4 or 5 hours credit in their major subject and for 2 hours credit in their minor subject. Students from other colleges electing these courses ordinarily register for 2 hours credit if in accordance with the regulations of their colleges. The amount of time required is as follows:

For 2 hours credit—one 30-minute lesson each week and one hour of practice daily.

For 4 hours credit—two 30-minute lessons each week and two hours of practice daily.

For 5 hours credit—two 30-minute lessons each week and three hours of practice daily.

#### Applied Music Courses for Undergraduates

- 42a-b, 43a-b. PIANO.—S, I, and II, (2 to 5). Associate Professors SCHOONMAKER and WATT, Assistant Professors BRANIGAN, FLETCHER, and USRY, Miss PERCIVAL, Miss BRADLEY; (S, Associate Professor KESSLER, Miss WILSON).
- 52a-b, 52c-d, 53a-b, 53c-d. VOICE.—S, I, and II, (1 to 4). Assistant Professors HAMP, KELLOGG, and BOWEN, Miss WILSON, Mrs. STEWART; (S, Miss COOK).
- 62a-b, 63a-b. VIOLIN.—S, I, and II, (2 to 5). Associate Professor ROOSA.
- 72a-b, 73a-b. VIOLONCELLO.—I and II, (2 to 5). Mr. POTTER.
- 82a-b, 83a-b. ORGAN.—S, I, and II, (2 to 5). Professors STIVEN and MILES, Assistant Professor USRY, Mr. DEMMING, Mrs. SEXTON.
- 92a-b, 93a-b. BAND AND ORCHESTRAL INSTRUMENTS.—I and II, (2 to 3). Assistant Professors SAWHILL and KELLOGG, Mr. KUHN.

#### Applied Music Courses for Advanced Undergraduates and Graduates

- 44a to 47b. PIANO.—S, I, and II, (2 to 5 hours, or  $\frac{1}{4}$  to 1 unit). Instructors same as for 42a to 43b.
- 54a to 57d. VOICE.—S, I, and II, (2 to 4 hours, or  $\frac{1}{4}$  to 1 unit). Instructors same as for 52a to 53d.
- 64a to 67b. VIOLIN.—S, I, and II, (2 to 5 hours, or  $\frac{1}{4}$  to 1 unit). Instructors same as for 62a to 63b.
- 74a to 77b. VIOLONCELLO.—I and II, (2 to 5 hours, or  $\frac{1}{4}$  to 1 unit). Instructors same as for 72a to 73b.
- 84a to 87b. ORGAN.—S, I, and II, (2 to 5 hours, or  $\frac{1}{4}$  to 1 unit). Instructors same as for 82a to 83b.
- 94a to 97b. BAND AND ORCHESTRAL INSTRUMENTS.—I and II, (2 to 4). Open only to undergraduates. Assistant Professor SAWHILL.

#### Courses for Graduates

NOTE:—An applicant for admission to the Graduate School as a candidate for the degree of Master of Music or the degree of Master of Science in Music Education is required to have finished successfully a four-year undergraduate curriculum in music.

A graduate with a degree in music from an institution which holds membership in, or is listed by, the Association of American Universities, or from a liberal arts college recognized by the North Central Association or equivalent regional accrediting association, will be admitted without a qualifying examination.

A candidate who holds a bachelor's degree from an independent conservatory or school of music will be considered under the following conditions: (1) The degree must be based on a four-year curriculum in music. (2) The undergraduate work presented for the degree must include not less than eighteen hours (thirty hours for Music Education curriculum) in academic subjects, with not less than the equivalent of two years of college work in foreign languages, one year of which must be in French or German. (3) The applicant must pass a qualifying examination in the

branch of music which he wishes to pursue as his major, this examination being under the supervision of the Director of the School of Music.

For the degree of Master of Music, the major field may be in musicology, music theory and composition, music literature, or band and orchestra conducting. For the field of musicology, a reading knowledge of both German and French is desirable.

- 100a-100b. CONTRAPUNTAL FORMS OF COMPOSITION.—I and II, (½ unit). Associate Professor KESSLER.
- [101a-101b. CHROMATIC AND MODERN HARMONY.—I and II, (½ unit). Not given in 1944-1945. Associate Professor KESSLER.]
- 105a-105b. ADVANCED COMPOSITION.—II, (1 unit). Associate Professor KESSLER.
- 106a-106b. ADVANCED INSTRUMENTATION.—S, I, and II, (½ to 1 unit). Professor HARDING.
- [110. INSTRUMENTAL MUSIC OF THE EIGHTEENTH CENTURY.—I, (1 unit). Not given in 1944-1945. Professor HILL.]
111. THE SONATA.—S, (1 unit). Professor HILL.
- 112a-112b. BEETHOVEN.—I and II, (1 unit). Professor HILL.
- 120a-120b. RESEARCH IN SPECIAL FIELDS.—S, I, and II, (1 to 2 units). Professors STIVEN, HARDING, MILES, and HILL, Associate Professor KESSLER, Assistant Professor KITCHELL.
130. ADMINISTRATION AND SUPERVISION OF MUSIC EDUCATION.—S and II, (1 unit). Assistant Professor KITCHELL.
- 138a-138b. ADVANCED CONDUCTING, ADMINISTRATION, AND LITERATURE.—S, I, and II, (1 to 1½ units). Professor HARDING.
- 142a-142b. PIANO LITERATURE.—I and II, (1 to 1½ units). Associate Professor KESSLER.
- [152a-152b. VOCAL LITERATURE.—I and II, (1 to 1½ units). Not given in 1944-1945. Assistant Professor KELLOGG.]
- 162a-162b. STRING INSTRUMENTS LITERATURE.—II, (1 to 1½ units). Associate Professor ROOSA.
- 182a-182b. ORGAN LITERATURE.—S, I, and II, (1 to 1½ units). Professor MILES.

## OCCUPATIONAL THERAPY

Associate Professor WADE (Director)

### Courses for Undergraduates

1. OCCUPATIONAL THERAPY ORIENTATION.—I and II, (2). *Prerequisite:* Registration in occupational therapy curriculum. Associate Professor WADE.

## PHILOSOPHY

*Professors:* MURPHY (Head of the Department), McCLURE, TAWNEY (Emeritus), BLACK, GOTSHALK.

*Associate Professors:* NICHOLSON.

*Assistant Professors:* NEGLEY,<sup>1</sup> WILL, KUBITZ.

### Requirements for L.A.S. Students

*Major:* 20 hours from any courses offered in this department, including Philosophy 2, 3, 4, and 13, and excluding Philosophy 1 and 7.

*Minor:* 20 hours in any two subjects in the same group in the following list: (a) economics, education, history, political science, sociology; (b) English, French, German, Greek, Italian, Latin, Spanish; (c) astronomy, botany, chemistry, geology, mathematics, physics, psychology, zoology. At least eight hours must be taken in each subject. The curriculum on international affairs will be accepted as a minor.

### Courses for Undergraduates

NOTE:—Division of General Studies 7b (Philosophy and Psychology) may be substituted for Philosophy 1 wherever the latter constitutes a prerequisite.

<sup>1</sup>On leave of absence for war service.

1. INTRODUCTION TO PHILOSOPHY.—S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor MURPHY, Associate Professor NICHOLSON, Assistant Professors KUBITZ and WILL; (S, Professor GOTSHALK).
2. LOGIC.—Reasoning; detection of fallacies, evidence. S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor BLACK; (S, Professor GOTSHALK, Assistant Professor WILL).
5. PHILOSOPHIES OF FREEDOM.—An investigation into the principles underlying the preference for the democratic way of life and the value it embodies. I, (3). *Prerequisite:* Sophomore standing. Professors MURPHY and BLACK.
7. MORAL IDEAS AND PRACTICE.—S, I, and II, (2). *Prerequisite:* Sophomore standing. Assistant Professor KUBITZ.

#### Courses for Advanced Undergraduates

20. HONORS COURSE.—Continuous through I and II, (2). *Prerequisite:* Senior standing.

#### Courses for Advanced Undergraduates and Graduates

3. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY.—I, (4). *Prerequisite:* Junior standing. Associate Professor NICHOLSON.
4. HISTORY OF MODERN PHILOSOPHY.—S and II, (4). *Prerequisite:* Junior standing. Professor GOTSHALK, Assistant Professor KUBITZ; (S, Assistant Professor WILL).
- [9. PHILOSOPHY OF LAW AND OF THE STATE.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Not given in 1944-1945. Assistant Professor NEGLEY.]
10. PHILOSOPHY OF SCIENCE.—S, (3). *Prerequisite:* One course in philosophy; junior standing. Professor BLACK.
11. PHILOSOPHY OF RELIGION.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Associate Professor NICHOLSON.
- [12. PHILOSOPHY OF ART.—I, (3). *Prerequisite:* One course in philosophy or Division of General Studies 6; junior standing. Not given in 1944-1945. Professor GOTSHALK.]
13. ETHICS AND VALUE THEORY.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Professor MURPHY.
15. GREAT BOOKS IN MODERN THOUGHT (HUME, DARWIN, MARX, FREUD).—I, (3). *Prerequisite:* One course in philosophy; junior standing. Assistant Professor WILL.
- [16. METAPHYSICS.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Not given in 1944-1945.]
17. SYMBOLIC LOGIC.—I, (3). *Prerequisite:* Junior standing. Professor BLACK.
- [18. PHILOSOPHICAL IDEAS: ROUSSEAU TO BERGSON.—II, (3). *Prerequisite:* One course in philosophy, or consent of instructor; junior standing. Not given in 1944-1945. Professor MURPHY.]
- [21. THEORY OF KNOWLEDGE.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Not given in 1944-1945. Assistant Professor WILL.]
22. AMERICAN PHILOSOPHY.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Professor MURPHY.
23. THE PHILOSOPHY OF PLATO.—I, (3). *Prerequisite:* Philosophy 1 or 3; junior standing. Associate Professor NICHOLSON.

#### Courses for Graduates

NOTE:—Students beginning graduate work with philosophy as their major subject must have had a general course in the history of philosophy, a course in logic, and a general course in psychology.

100. RESEARCH.—S, I, and II, ( $\frac{1}{2}$  to 2 units). Professors in the department.
- [103. ETHICS.—II, (1 unit). Not given in 1944-1945.]
- [105. SEVENTEENTH CENTURY CONTINENTAL THOUGHT.—II, (1 unit). Not given in 1944-1945. Professor GOTSHALK.]
- [106. BRITISH EMPIRICISM (HOBBS, LOCKE).—I, (1 unit). Not given in 1944-1945. Assistant Professor WILL.]
- [108. PLATO.—I, (1 unit). Not given in 1944-1945. Professor McCLURE.]
- [112. GERMAN IDEALISM (KANT).—II, (1 unit). Not given in 1944-1945. Professor GOTSHALK.]

- [114. RECENT LOGICAL THEORY: LOGICAL SYNTAX AND SEMANTICS.—II, (1 unit). Not given in 1944-1945. Professor BLACK.]
- [119. SEMINAR IN ANCIENT PHILOSOPHY.—I, (1 unit). Not given in 1944-1945.]
- [120. SEMINAR IN MODERN PHILOSOPHY.—II, (1 unit). Not given in 1944-1945. Professor McCLURE.]
- [124a-124b. CONTEMPORARY PROBLEMS.—I and II, (1 unit). Not given in 1944-1945. Professors MURPHY and BLACK.]

## PHYSICAL EDUCATION

*Professors:* STALEY<sup>1</sup> (Director of the School), STAFFORD,<sup>1</sup> BEARD.  
*Associate Professors:* CURETON, JACKSON.

### Courses for Undergraduates

*(Open to both men and women)*

- [71. SAFETY EDUCATION.—I, (2). *Prerequisite:* Sophomore standing. Not given in 1944-1945.]

### Courses for Advanced Undergraduates and Graduates

*(Open to both men and women)*

31. PROBLEMS IN PHYSICAL EDUCATION.—Philosophy of physical education, curriculum planning; evaluation of activities; tests and measurements; grading procedures; organization plans; teaching procedures; literature on physical education; current trends; recent research. S and II, (1 unit). Professor STALEY, Associate Professor JACKSON.
- [32. PROBLEMS IN SCHOOL HEALTH.—S and I, (1 unit). Not given in 1944-1945.]
33. PROBLEMS IN PHYSICAL FITNESS.—Contemporary developments in physical fitness programs; analysis of physical fitness tests; methods and techniques used in physical fitness clinics and classes. S and II, (1 unit). Associate Professor CURETON.

### Courses for Graduates

*(Open to both men and women)*

NOTE:—Students desiring to make physical education their major subject for a master's degree must have had at least 24 semester hours of approved undergraduate credit in this subject. At least 16 semester hours are required for a minor. Those who present evidence of satisfactory teaching experience may have these requirements reduced to a minimum of 18 hours for a major, or 12 hours for a minor.

Candidates for the M.S. degree in physical education must obtain at least four units of satisfactory credit in physical education, including a thesis. The thesis requirement may be waived in a few cases where the circumstances so justify. Those who choose physical education as a minor must complete at least two units of work in this subject.

- [101. PROBLEMS IN PUBLIC HEALTH.—I, (1 unit). Not given in 1944-1945.]
- [103. PROBLEMS IN SAFETY EDUCATION.—II, (1 unit). Not given in 1944-1945.]
105. PHILOSOPHY OF SPORT.—History of sport in modern times; review and appraisal of current sport programs; social, educational, hygienic, and recreational aspects. S and I, (1 unit). Professor STALEY.
106. TECHNIQUES OF RESEARCH IN PHYSICAL EDUCATION.—Review and appraisal of the more common research procedures used in the field of physical education; statistical procedures; library methods; survey procedures; evaluation methods; reporting techniques. S and I, (1 unit). Associate Professor CURETON.
- [107. TRENDS AND TECHNIQUES IN REHABILITATION.—S and I, (1 unit). Not given in 1944-1945. Professor STAFFORD.]
109. RESEARCH.—Research in physical education, health education, safety education, athletic coaching, recreation, and camping. S, I, and II, (1½ to 2 units). Professor STALEY, Associate Professor CURETON.

<sup>1</sup>On leave of absence for war service.

## PHYSICAL EDUCATION FOR MEN

*Professors:* STALEY<sup>2</sup> (Head of the Department), ZUPPKE (Emeritus), STAFFORD.<sup>1</sup>

*Associate Professors:* CURETON, JACKSON.

*Assistant Professors:* PRICE,<sup>1</sup> KENNEY,<sup>1</sup> DANIELS,<sup>1</sup> ELIOT, CRAIG,<sup>1</sup> MILLS, LAW.

*Associates:* GILL (Emeritus), MANLEY, ROETTGER, L. T. JOHNSON, PATERSON.

*Instructors:* TREECE,<sup>1</sup> FLORIO,<sup>1</sup> CHAPMAN,<sup>1</sup> BRAUN,<sup>1</sup> FLETCHER, R. H. JOHNSON, KLINGEL,<sup>1</sup> BAER,<sup>2</sup> HUFFMAN, WELSER, SENN, JONES, CROSSLEY, ANDERSON, ANGUS, CLAPP, OSBORN.

*Assistants:* KIREILIS, BLAZINE, STRELL, ALLEN, SWANSON, ATTIS.

## General Courses for Undergraduates

- C1. TRACK AND FIELD AND RELATED ACTIVITIES.—For students in the College of Engineering. S, (1). Mr. PATERSON, Mr. SENN.
- C2. RECREATIONAL SPORTS (TOUCH FOOTBALL, HANDBALL, VOLLEYBALL).—For students in the College of Engineering. I, (1). Mr. PATERSON, Mr. SENN.
- C3. SOCCER AND TENNIS.—For students in the College of Engineering. II, (1). Mr. PATERSON, Mr. SENN.
- 20a, 20b, 20c, 20d. ADAPTED SPORTS.—S, I, and II, (1). Associate Professor JACKSON, Assistant Professor LAW, Mr. ANDERSON, Mr. CLAPP, Mr. ALLEN, Mr. R. H. JOHNSON, Mr. HUFFMAN.
- [21a, 21b, 21c, 21d. SPECIAL SPORTS.—I and II, (1). Not given in 1944-1945.]
- [22. BADMINTON.—I and II, (1). Not given in 1944-1945.]
- [23. VOLLEYBALL.—I and II, (1). Not given in 1944-1945.]
24. BEGINNING SWIMMING.—S, I, and II, (1). Mr. MANLEY.
25. INDIVIDUAL TUMBLING.—II, (1). Mr. KIREILIS.
- [26. DOUBLE TUMBLING.—I and II, (1). Not given in 1944-1945.]
27. APPARATUS STUNTS.—I and II, (1). Mr. KIREILIS.
28. BOXING.—I and II, (1). Mr. STRELL.
29. WRESTLING.—I and II, (1). Assistant Professor LAW, Mr. ANGUS, Mr. BAER.
- [30. FOIL FENCING.—I and II, (1). Not given in 1944-1945.]
31. SOCCER.—I and II, (1). Mr. BLAZINE, Mr. PATERSON.
- [32. GOLF.—I and II, (1). Not given in 1944-1945.]
33. TENNIS.—S, I, and II, (1). Mr. R. H. JOHNSON, Mr. SWANSON.
- [34. SOFTBALL.—I and II, (1). Not given in 1944-1945.]
- [37. INDIVIDUAL ATHLETICS.—I and II, (1). Not given in 1944-1945.]
- [38. CIRCUS STUNTS.—I and II, (1). Not given in 1944-1945.]
- [39. ADVANCED CIRCUS STUNTS.—I and II, (1). Not given in 1944-1945.]
41. ADVANCED SWIMMING.—S and I, (1). *Prerequisite:* Ability to swim 100 yards, using two different strokes. Mr. PATERSON, Mr. ALLEN.
42. LIFE SAVING.—II, (1). *Prerequisite:* Ability to swim 100 yards, using two different strokes. Mr. PATERSON.
- [43. TOUCH FOOTBALL AND ICE HOCKEY.—I and II, (1). Not given in 1944-1945.]
44. HANDBALL.—I and II, (1). Mr. ROETTGER, Mr. SWANSON.
- [45. SQUASH.—I and II, (1). Not given in 1944-1945.]
- [46. ARCHERY.—I and II, (1). Not given in 1944-1945.]
- [47. SABRE AND EPEE FENCING.—I, (1). *Prerequisite:* Physical Education for Men 30. Not given in 1944-1945.]
- [48. BOWLING.—I and II, (1). Not given in 1944-1945.]
- [51. WATER POLO AND DIVING.—I and II, (1). *Prerequisite:* Ability to swim 100 yards, using two different strokes. Not given in 1944-1945.]
53. WEIGHT LIFTING.—I and II, (1). Mr. ALLEN, Mr. CROSSLEY.
- [54. AMERICAN SQUARE DANCE.—I and II, (1). Not given in 1944-1945.]
55. SIX-MAN FOOTBALL.—I and II, (1). Mr. FLETCHER.
56. PERSONAL DEFENSE ACTIVITIES.—I and II, (1). Mr. ANGUS, Mr. CROSSLEY.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.



- [57. WARFARE AQUATICS.—I and II, (1). *Prerequisite*: Ability to swim 440 yards. Not given in 1944-1945.]
60. BASIC PHYSICAL FITNESS.—S, I, and II, (1). Mr. HUFFMAN, Mr. ALLEN, Mr. KIREILIS.
62. MILITARY ATHLETICS.—S, I, and II, (1). Mr. BLAZINE, Mr. PATERSON, Mr. R. H. JOHNSON, Mr. CROSSLEY.

### Professional Courses for Undergraduates

1. BEGINNING BASKETBALL.—Theory and practice of fundamentals. S, I, and II, (2). Mr. ROETTGER.
2. GYMNASTICS.—Theory and practice of tumbling, apparatus stunts, calisthenics, marching, etc. I and II, (2). Mr. WELSER.
3. THEORY OF COACHING.—S, (3). *Prerequisite*: Senior standing. Assistant Professor MILLS.
4. BEGINNING FOOTBALL.—Theory and practice of fundamentals. S, I, and II, (2). Assistant Professor ELIOT, Mr. FLETCHER.
- [5. THEORY OF PRESCRIBING SPORTS.—I and II, (2). *Prerequisite*: Junior standing. Not given in 1944-1945.]
6. WRESTLING, BOXING, FENCING.—II, (2). *Prerequisite*: Junior standing. Assistant Professor LAW.
7. TRAINING AND FIRST AID.—I, (2). *Prerequisite*: Senior standing. Mr. HUFFMAN.
8. BASEBALL.—II, (2). *Prerequisite*: Junior standing. Mr. ROETTGER.
9. SCHOOL PROGRAM IN HEALTH.—I, (3). *Prerequisite*: Junior standing. Associate Professor JACKSON.
- [11. SWIMMING.—I and II, (2). *Prerequisite*: Sophomore standing. Not given in 1944-1945.]
12. TRACK AND FIELD.—I and II, (2). Mr. L. T. JOHNSON.
- [13. PROGRAM IN EXTRACURRICULAR SPORTS.—I and II, (3). *Prerequisite*: Senior standing. Not given in 1944-1945.]
- [14. DANCE AND SOCIAL ACTIVITIES.—I and II, (2). *Prerequisite*: Sophomore standing. Not given in 1944-1945.]
15. OUTDOOR RECREATIONAL SPORTS.—I, (2). *Prerequisite*: Sophomore standing. Assistant Professor LAW.
16. HISTORY OF SPORT.—II, (2). *Prerequisite*: Senior standing. Associate Professor JACKSON.
- [18. CURRICULUM IN SPORTS.—I and II, (3). *Prerequisite*: Senior standing. Not given in 1944-1945.]
- [19. RECREATIONAL LEADERSHIP.—I and II, (3). *Prerequisite*: Junior standing. Not given in 1944-1945.]
70. PROFESSIONAL ORIENTATION.—Scope of physical education, health education, safety education, athletic coaching, recreation, and camping. S, I, and II, (2). Mr. R. H. JOHNSON, Mr. WELSER.
72. CAMP LEADERSHIP.—Purpose, history, organization, and conduct of camps of various types. II, (3). *Prerequisite*: Sophomore standing. Assistant Professor LAW.
73. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION.—II, (3). *Prerequisite*: Senior standing. Associate Professor CURETON.
- [74. HEALTH EDUCATION.—I and II, (3). *Prerequisite*: Junior standing. Not given in 1944-1945.]
- [75. MILITARY PHYSICAL TRAINING.—S, (1). Not given in 1944-1945.]
76. PHILOSOPHY OF RECREATION.—I, (3). *Prerequisite*: Junior standing. Mr. JONES.
77. INDOOR RECREATIONAL SPORTS.—I, (2). *Prerequisite*: Sophomore standing. Assistant Professor LAW.
- [78. ADVANCED FOOTBALL.—I and II, (2). *Prerequisite*: Junior standing. Not given in 1944-1945.]
- [79. ADVANCED BASKETBALL.—I and II, (2). *Prerequisite*: Junior standing. Not given in 1944-1945.]
- [80. PHYSICAL FITNESS PROGRAMS.—S, (2). Not given in 1944-1945.]
99. INSPECTION TRIP.—Required for graduation. II, (no credit). *Prerequisite*: Junior standing. Associate Professor JACKSON.

## PHYSICAL EDUCATION FOR WOMEN

*Professors:* FREER (Head of the Department).

*Assistant Professors:* LAWSON, ROBERTSON, HUELSTER, ALEXANDER.

*Associates:* ANDREWS,<sup>1</sup> SCHNAUBER,<sup>2</sup> RAWLINGS.

*Instructors:* HOUSTON, CHAMBERLIN, TIMMINS, BANNISTER.

*Assistants:* KIRK, CURETON, MCCOLLUM,<sup>2</sup> BUSWELL.<sup>2</sup>

*Summer of 1944 but not in current year:* VIRGINIA MOOMAW, MARY MORISON.

## General Courses for Undergraduates

51. ELEMENTARY RHYTHMS.—S, I, and II, (1). Assistant Professor ALEXANDER, Mrs. BANNISTER; (S, Miss MOOMAW).
52. INTERMEDIATE RHYTHMS.—I and II, (1). Assistant Professor ALEXANDER.
- [53. SOCIAL DANCING.—I and II, (1). Not given in 1944-1945.]
- [54. ADVANCED SWIMMING AND DIVING.—I, (1). *Prerequisite:* Physical Education for Women 76, or equivalent. Not given in 1944-1945. Mrs. THOMAS.]
55. LIFE SAVING.—I and II, (1). *Prerequisite:* Physical Education for Women 76, or equivalent. Mrs. RAWLINGS.
56. INDIVIDUAL GYMNASTICS.—Recommendation from Department of Health Service is necessary for registration in this course. I and II, (1). Miss CHAMBERLIN.
57. MODIFIED ACTIVITIES.—Prescribed recreational sports, relaxation, and exercise. Recommendation from Department of Health Service is necessary for registration in this course. I and II, (1). Assistant Professor HUELSTER, Miss CHAMBERLIN.
58. TEAM GAMES.—Basketball, softball, speedball, volleyball, tennis. I and II, (1). Assistant Professors ROBERTSON and HUELSTER, Miss HOUSTON, Miss CHAMBERLIN, Miss TIMMINS.
59. BOWLING.—I and II, (1). Miss KIRK, Mrs. BUSWELL.
60. INDIVIDUAL AND DUAL SPORTS.—Archery, badminton, golf. S, I, and II, (1). Assistant Professor LAWSON; (S, Assistant Professor ROBERTSON).
61. FENCING.—I and II, (1). Miss TIMMINS, Miss CHAMBERLIN.
- [65. EXERCISES FOR FITNESS.—I and II, (1). Not given in 1944-1945. Assistant Professor ROBERTSON.]
- [66. ELECTIVE ATHLETIC ACTIVITIES.—I, (1). Not given in 1944-1945.]
72. FUNDAMENTALS OF MOTOR FITNESS.—I and II, (1). Assistant Professors LAWSON, HUELSTER, and ROBERTSON, Miss HOUSTON, Miss CHAMBERLIN.
- S72. GYMNASTICS AND TUMBLING.—Exercises in rhythm, for development of strength, flexibility, and coordination. S, (1). Assistant Professor LAWSON.
- [73. TENNIS AND SKATING.—I and II, (1). Not given in 1944-1945. Assistant Professor ROBERTSON.]
74. ELEMENTARY SWIMMING.—S, I, and II, (1). Mrs. RAWLINGS, Mrs. CURETON; (S, Miss MORISON).
75. SUB-INTERMEDIATE SWIMMING.—For those whose skill is not sufficient to permit registration in intermediate swimming. S, I, and II, (1). Mrs. RAWLINGS, Mrs. CURETON; (S, Miss MORISON).
76. INTERMEDIATE SWIMMING.—S, I, and II, (1). Mrs. RAWLINGS, Mrs. CURETON; (S, Miss MORISON).
- [77. ELEMENTARY TAP DANCING.—II, (1). Not given in 1944-1945. Assistant Professor HUELSTER.]
78. AMERICAN SQUARE DANCE.—S, I, and II, (1). Mrs. MCCOLLUM, Mrs. BANNISTER; (S, Miss MOOMAW).
79. ELEMENTARY FOLK DANCING.—I and II, (1). Assistant Professor ROBERTSON, Mrs. MCCOLLUM.

## Professional Courses for Undergraduates

62. RHYTHMS.—II, (3). *Prerequisite:* Junior standing. Assistant Professor ALEXANDER.
- 70a-70b. PHYSICAL EDUCATION PRACTICE.—Hockey, basketball, softball, and rhythms. In addition to practice in these sports, the first semester includes orientation

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>First semester.

<sup>3</sup>Second semester.

- lectures and discussions. I and II, (2). *Prerequisite:* Freshman standing. Assistant Professors ROBERTSON, HUELSTER, and ALEXANDER.
- 71a-71b. PHYSICAL EDUCATION PRACTICE.—Tap dancing, folk dancing, soccer, tennis, gymnastics, and apparatus. I and II, (2). *Prerequisite:* Sophomore standing. Assistant Professors LAWSON and HUELSTER. Miss HOUSTON, Mrs. BANNISTER.
80. RECREATION AND CAMP LEADERSHIP.—II, (2). *Prerequisite:* Sophomore or junior standing, or consent of instructor. Assistant Professor ROBERTSON, Miss TIMMINS.
- S80. COMMUNITY RECREATION.—S, (2). Assistant Professor ROBERTSON.
81. GAMES FOR ELEMENTARY SCHOOLS.—I, (2). *Prerequisite:* Junior standing. Assistant Professor LAWSON.
82. TECHNIC OF TEACHING SWIMMING.—II, (1). *Prerequisite:* Sophomore or junior standing. Mrs. RAWLINGS.
- [83a-83b. PHYSICAL EDUCATION PRACTICE.—I, (1). *Prerequisite:* Junior standing. Not given in 1944-1945. Miss ANDREWS.]
- [84. PHYSIOTHERAPY.—I and II, (2). *Prerequisite:* Senior standing. Not given in 1944-1945.]
- [85. PAGEANTRY AND FESTIVALS.—I, (2). *Prerequisite:* Senior standing. Not given in 1944-1945.]
86. COMPARATIVE PHYSICAL EDUCATION.—I, (2). *Prerequisite:* Sophomore standing. Professor FREER.
- S87. TECHNIC OF TEACHING TEAM SPORTS.—S, (2). Assistant Professor ROBERTSON.
- [S88. MOTOR FITNESS.—S, (2). Not given in 1944. Assistant Professor HUELSTER.]
90. ORGANIZATION AND ADMINISTRATION.—II, (2). *Prerequisite:* Senior standing. Professor FREER.
- [91. DANCE COMPOSITION.—II, (2). Not given in 1944-1945.]
- S91. SOCIAL DANCING.—S, (1). Miss MOOMAW.
- 93a-93b. PHYSICAL EDUCATION PRACTICE.—Speedball, bowling, badminton, archery. I and II, (1). *Prerequisite:* Senior standing. Assistant Professor LAWSON, Miss KIRK, Miss CHAMBERLIN.
- 95a-95b. TECHNIC OF TEACHING SPORTS.—Lectures, assigned reading, and practice teaching in University physical education classes. I and II, (4). *Prerequisite:* Junior standing. Assistant Professor ROBERTSON, Miss HOUSTON.
- 96a-96b. KINESIOLOGY.—Mechanics of balance and movement of the human body. S (96a only), I, and II, (3). *Prerequisite:* Junior standing. Assistant Professor HUELSTER.
97. TESTS AND MEASUREMENTS.—II, (3). *Prerequisite:* Junior or senior standing. Assistant Professor HUELSTER.
98. THEORY OF INDIVIDUAL AND REMEDIAL GYMNASTICS.—I, (3). *Prerequisite:* Senior standing. Miss CHAMBERLIN.
99. SCHOOL HEALTH.—Teaching of health in elementary and high schools. Lectures and discussion. S, (2); II, (3). *Prerequisite:* Senior standing. Assistant Professor LAWSON.

## PHYSICAL SCIENCES

(See also Chemistry and Physics)

A special program leading to the degree of Master of Science in the Physical Sciences is available to meet the needs of students who wish to study in both chemistry and physics rather than to specialize in one department. It is designed primarily for those preparing to teach the physical sciences in high school. Students working toward a degree under the provisions of this program are expected to seek approximately equal proficiency in both physics and chemistry; those whose undergraduate work has emphasized chemistry should balance this by weighting the graduate work in favor of physics, and vice versa. No thesis is required, and all courses in physics and chemistry which normally give graduate credit will carry credit toward the degree. To qualify for the degree, a student must have had, or must include in his program, at least one course in mathematics beyond the calculus, and for which the calculus is prerequisite.

## PHYSICS

*Professors:* LOOMIS<sup>1</sup> (Head of the Department), KRUGER (Acting Head of the Department), CARMAN (Emeritus), KNIPP (Emeritus), WATSON (Emeritus), ALMY, KERST,<sup>1</sup> HAWORTH,<sup>1</sup> MOTT-SMITH.<sup>1</sup>

*Associate Professors:* SCHULZ (Emeritus), WILLIAMS, PATON, BARTLETT, SERBER,<sup>1</sup> GOLDBABER.

*Assistant Professors:* RICHARDSON,<sup>1</sup> MANLEY,<sup>1</sup> BOLT,<sup>2</sup> LYMAN,<sup>1</sup> HELLUND.

*Assistants:* G. K. GROETZINGER, NYE, MOORE.<sup>3</sup>

*Instructors:* SCHWARZ, ARVIN, OGLE,<sup>2</sup> HATCH,<sup>4</sup> ANDERSON,<sup>2</sup> R. S. YALOW,<sup>3</sup> CLARE, CRUSINBERRY, PRUITT.<sup>5</sup>

*Assistants:* ARNETT, SNYDER, CONNOLLY, RICHARD, CALDWELL,<sup>3</sup> CHAO,<sup>2</sup> A. A. YALOW,<sup>3</sup> HEINLEIN, TUCK.

## Requirements for L.A.S. Students

*Major:* 20 hours in physics excluding courses with numbers lower than 20.

*Minor:* 20 hours in one or two of the following subjects, with not less than eight hours in each if two are chosen: astronomy, chemistry, education, geology, zoology, mathematics, or any one branch of engineering.

## Introductory Courses for Undergraduates

NOTE:—For undergraduate students planning to take advanced work or a major in physics, the following courses are suggested: Freshman year: Trigonometry and analytical geometry. Sophomore year: Physics 1a-1b, 3a-3b, and calculus. Junior year: Physics 20, 40, 60, 46a. Senior year: Physics 46b, 71, 72, 80, 81.

Physics 7a-7b and 8a-8b are recommended to pre-medical, pre-dental, and architecture students not specializing in physics, mathematics, chemistry, or engineering.

Physics 10a-10b are recommended to students in agriculture, home economics and other students who do not have the mathematical prerequisites for Physics 1a-1b, and 3a-3b, or 7a-7b and 8a-8b. Physics 10a-10b will not satisfy the physics requirement for pre-medical, pre-dental, architecture, engineering or engineering physics curriculum.

Physics 14a-14b are recommended for advanced non-technical students and especially for prospective high school physics teachers.

If Physics 1a-1b, 3a-3b, or 7a-7b, 8a-8b are elected after the completion of Physics 10a-10b, only one-half of the usual credit per semester will be allowed.

The general physics prerequisite for certain courses may be satisfied by either Physics 1a-1b and 3a-3b or by Physics 7a-7b and 8a-8b, but not by Physics 10a-10b. The calculus prerequisite may be satisfied either by Mathematics 7 and 9 or by Mathematics 8a-8b.

Physics 50, 51 are recommended for students in zoology, physics, and chemistry who expect to do advanced undergraduate or graduate work in biophysics or biochemistry.

†PH1. PHYSICS.—Three lecture-recitation periods and one laboratory period each week. S and I, (4). Dr. SCHWARZ and others.

1a. GENERAL PHYSICS (MECHANICS, SOUND, AND HEAT).—Lectures with demonstrations and recitations. For students in engineering, mathematics, physics, and chemistry. S and II, (4). *Prerequisite:* Mathematics 2 and 4; registration in Physics 3a. Dr. ANDERSON; (S, Associate Professor PATON).

1b. GENERAL PHYSICS (ELECTRICITY, MAGNETISM, AND LIGHT).—I and II, (4). *Prerequisite:* Physics 1a; registration in Physics 3b. Dr. ANDERSON, Dr. SCHWARZ.

†PH2. PHYSICS.—Three lecture-recitation periods and one laboratory period each week. S and I, (4). *Prerequisite:* Physics PH1. Dr. SCHWARZ; (S, Professor KRUGER).

3a. GENERAL PHYSICS LABORATORY.—To accompany Physics 1a. S and II, (1). *Prerequisite:* Physics 1a, or registration therein. Dr. ANDERSON; (S, Associate Professor PATON).

3b. GENERAL PHYSICS LABORATORY.—To accompany Physics 1b. I and II, (1). *Prerequisite:* Physics 1b, or registration therein. Associate Professor PATON, Dr. SCHWARZ.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned. <sup>3</sup>First semester.

<sup>4</sup>On leave of absence second semester.

<sup>5</sup>Second semester.

†Navy College Training Program course, open to engineering students.

- 7a. GENERAL PHYSICS (MECHANICS, SOUND, AND HEAT).—Lectures with demonstrations and recitations. For students in arts and sciences, and architecture. I, (4). *Prerequisite*: Trigonometry; registration in Physics 8a. Associate Professor PATON and others.
- 7b. GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).—S and II, (4). *Prerequisite*: Physics 7a; registration in Physics 8b. Associate Professor PATON and others.
- 8a. GENERAL PHYSICS LABORATORY.—To accompany Physics 7a. I, (1). *Prerequisite*: Physics 7a, or registration therein. Associate Professor PATON and others.
- 8b. GENERAL PHYSICS LABORATORY.—To accompany Physics 7b. S and II, (1). *Prerequisite*: Physics 7b, or registration therein. Associate Professor PATON and others.
- [10a. MECHANICS, HEAT, SOUND.—Open to all students in the University. I, (4). Not given in 1944-1945.]
- [10b. ELECTRICITY, MAGNETISM, LIGHT, AND MODERN PHYSICS.—II, (4). *Prerequisite*: Physics 10a. Not given in 1944-1945.]

#### Intermediate Courses for Undergraduates

- †PH3. MECHANICS AND HEAT.—Three lecture periods each week. S, (3). *Prerequisite*: Physics PH1 and PH2; credit or registration in Calculus I (M5). Dr. SCHWARZ.
- †PH5. THEORY OF ELECTRICAL MEASUREMENTS.—Three lecture-recitation periods and one laboratory period each week. S, (4). *Prerequisite*: Physics PH1, PH2; credit or registration in Calculus I (M5). Dr. GROETZINGER.
- [14a. INTERMEDIATE MECHANICS, HEAT, AND SOUND.—For students preparing to teach physics in high schools and for other non-technical students. I, (5). *Prerequisite*: General physics and calculus, or consent of instructor. Not given in 1944-1945.]
- [14b. INTERMEDIATE ELECTRICITY, MAGNETISM, LIGHT, AND MODERN PHYSICS.—For students preparing to teach physics in high schools and for other non-technical students. II, (5). *Prerequisite*: Physics 14a. Not given in 1944-1945.]
- [16. ELEMENTARY HEAT.—I, (3). *Prerequisite*: General physics. Not given in 1944-1945.]

#### Courses for Advanced Undergraduates

- 97-98. THESIS.—S, (3). *Prerequisite*: Senior standing and approval of head of department. Professor KRUGER.

#### Courses for Advanced Undergraduates and Graduates

- 20a. THEORETICAL MECHANICS.—Statics; dynamics of particles. Lectures and problems. I, (3). *Prerequisite*: General physics and calculus. Dr. SCHWARZ.
- 20b. THEORETICAL MECHANICS (CONTINUED).—Dynamics of rigid bodies; generalized coordinates and LaGrange's equations; vibrations of systems of particles, with electrical analogies. S, (3). *Prerequisite*: Physics 20a. Dr. NYE.
- [23. ELEMENTARY SOUND.—I, (3). *Prerequisite*: General physics. Not given in 1944-1945.]
- [25. ARCHITECTURAL ACOUSTICS.—II, (2). *Prerequisite*: General physics. Not given in 1944-1945.]
30. INTRODUCTION TO THEORETICAL ELECTRICITY.—Laws of electrostatics, magnetism, electric and magnetic circuits, induced currents, alternating currents, oscillations, and thermionic tubes. Lectures and problems. I, (3). *Prerequisite*: General physics and calculus. Dr. GROETZINGER.
- [40a. ELECTRICITY AND MAGNETISM.—II, (3). *Prerequisite*: General physics and calculus. Not given in 1944-1945. Dr. GROETZINGER.]
- 40b. ELECTRICITY AND MAGNETISM.—Ampere's law and applications, motion of charged particles in electric and magnetic fields, electromagnetic induction, alternating current theory, the electromagnetic field. Laboratory experiments in A.C. bridge measurements of capacitance, inductance, vacuum tubes, and magnetism. S, (3). *Prerequisite*: Physics 40a. Dr. GROETZINGER.
44. ELECTRIC AND MAGNETIC MEASUREMENTS.—Resistances, galvanometers, capacitances, potentiometers, thermocouples, inductances, magnetization, high frequency measurements. S, I, and II, (3). *Prerequisite*: General physics and calculus. Associate Professor WILLIAMS and assistant.

†Navy College Training Program course, open to engineering students.

- 46a. VACUUM TUBES.—S and II, (3). *Prerequisite*: Physics 40a-40b, or consent of instructor. Dr. GROETZINGER.
- 46b. VACUUM TUBES (CONTINUED).—I, (3). *Prerequisite*: Physics 46a. Dr. GROETZINGER.
- [50a-50b. BIOPHYSICS.—I and II, (3). *Prerequisite*: Physics 40a and 40b, or registration in Physics 40b; Chemistry 2 or 3 and 4; Zoology 1 or Botany 1. It is desirable for the student to have had or to be registered in Chemistry 40. Not given in 1944-1945. Associate Professor BARTLETT.]
- [51a-51b. BIOPHYSICS LABORATORY.—I and II, (1). *Prerequisite*: Physics 50a-50b or registration therein. Not given in 1944-1945. Associate Professor BARTLETT.]
60. HEAT AND THERMODYNAMICS.—Heat phenomena, mechanical theory of heat, thermodynamics. Lectures and recitations. S, I, and II, (3). *Prerequisite*: General physics and calculus. Associate Professor PATON.
- [62. KINETIC THEORY OF HEAT AND RADIATION.—II, (3). *Prerequisite*: General physics and calculus. Not given in 1944-1945.]
- 71a. LIGHT.—Geometrical and physical optics; the electro-magnetic theory of light. Lectures and recitations. II, (2). *Prerequisite*: General physics and calculus. Dr. NYE.
- 71b. LIGHT (CONTINUED).—II, (2). *Prerequisite*: Physics 71a. Dr. NYE.
- 72a. LIGHT LABORATORY.—Lenses and prisms, diffraction, interference, polarization. II, (2). *Prerequisite*: Registration in Physics 71a. Dr. NYE.
- 72b. LIGHT LABORATORY (CONTINUED).—Spectroscopy and photographic photometry. II, (2). *Prerequisite*: Registration in Physics 71b. Dr. NYE.
- [73. PHOTOGRAPHY.—II, (3). *Prerequisite*: General physics; consent of instructor. Not given in 1944-1945.]
80. ATOMIC PHYSICS.—I, (3). *Prerequisite*: General physics and calculus. Professor KRUGER.
81. RADIOACTIVITY AND NUCLEAR PHYSICS.—II, (3). *Prerequisite*: Physics 80. Professor KRUGER.

#### Courses for Graduates

NOTE:—A year of calculus and a year of general physics, with laboratory, are prerequisite for all major and minor graduate work in physics. In addition, graduate students whose major is physics must have had one more advanced course in either physics or mathematics and should be able to use references in German.

- [109. HISTORICAL DEVELOPMENT OF PHYSICS.—II, (1 unit). Not given in 1944-1945.]
- 122a-122b. DYNAMICS.—I and II, (1 unit). 122b not given in 1944-1945. Associate Professor GOLDBABER.
- [123. ACOUSTICS.—II, (1 unit). Not given in 1944-1945.]
- [127a-127b. RELATIVITY.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
128. PROBLEMS AND METHODS OF THEORETICAL PHYSICS.—I, (1 unit). Associate Professor BARTLETT.
- 146a-146b. ELECTRODYNAMICS.—II, (1 unit). 146b not given in 1944-1945. Associate Professor BARTLETT.
- [160. THERMODYNAMICS.—I, (1 unit). Not given in 1944-1945.]
- [163. STATISTICAL MECHANICS.—I, (1 unit). Not given in 1944-1945.]
- [170a-170b. ADVANCED PHYSICAL OPTICS.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
- 181a-181b. QUANTUM MECHANICS.—II, (1 unit). 181b not given in 1944-1945. Associate Professor BARTLETT.
- [182. CONDUCTION OF ELECTRICITY THROUGH GASES.—I, (1 unit). Not given in 1944-1945.]
- 183a-183b. NUCLEAR PHYSICS.—S and I, (1 unit). Associate Professor GOLDBABER.
184. LINE SPECTRA AND ATOMIC STRUCTURE.—II, (1 unit). Associate Professor GOLDBABER.
- [185. BAND SPECTRA AND MOLECULAR STRUCTURE.—II, (1 unit). Not given in 1944-1945.]
- [186a-186b. ADVANCED QUANTUM MECHANICS.—Continuous through I and II, (1 unit). Not given in 1944-1945.]
190. RESEARCH.—S, I, and II, (1 to 3 units). Professor KRUGER, Associate Professor GOLDBABER.
- [191a-191b. MODERN LABORATORY PRACTICE.—Continuous through I and II, (1 unit). Not given in 1944-1945.]

198. SEMINAR.—S and I, (1 to 2 units). Associate Professors GOLDHABER and BARTLETT.  
 199. PHYSICS COLLOQUIUM.—Weekly meetings of instructors and advanced students for the presentation and discussion of papers on current problems. Attendance expected of all graduate students. S, I, and II, (no credit). Associate Professor GOLDHABER.

## POLITICAL SCIENCE

*Professors:* BERDAHL (Chairman of the Department), FAIRLIE (Emeritus), MATHEWS, KNEIER,<sup>1</sup> WILSON.  
*Associate Professors:* SNIDER.  
*Assistant Professors:* HAGAN, JOBST.<sup>1</sup>  
*Associates:* MANNER, SIBLEY.  
*Assistants:* HOLLAND, WALL.  
*Cooperating:* Dr. N. F. GARVEY.

### Requirements for L.A.S. Students

- Major:* 20 hours from any courses offered in this department. A major may include three hours of constitutional history (History 44 or 62).  
*Minor:* 20 hours selected from one or two of the following subjects: economics, education, history, law, philosophy, social welfare administration, and sociology. At least eight hours must be taken in each subject, if two are chosen. The curriculum on international affairs will be accepted as a minor.

### Courses for Undergraduates

NOTE:—Political Science 1a-1b, which gives a general survey of national, state, and local government in the United States, is recommended to all undergraduates wishing to begin the study of political science. Students planning for advanced work in this department should take course 1a and either 1b or 16 in their sophomore year.

- 1a. AMERICAN GOVERNMENT: ORGANIZATION AND POWERS.—Historical development and organization of national, state, and local governments; the federal system; national and state constitutions; civil and political rights; party system; nature, structure, powers, and procedure of legislative, executive, and judicial departments in state and nation. S, I, and II, (3). *Prerequisite:* Sophomore standing. Associate Professor SNIDER (in charge), Professors BERDAHL, MATHEWS, and WILSON, Assistant Professor HAGAN, Dr. MANNER, Dr. GARVEY, Mr. HOLLAND, Mrs. WALL.  
 1b. AMERICAN GOVERNMENT: FUNCTIONS.—Functions of national, state, and local governments; foreign relations and national defense; taxation and finance; law enforcement; police power; regulation of commerce, communications, and business; promotion of social and economic welfare; current problems. I and II, (3). *Prerequisite:* Sophomore standing; Political Science 1a, or consent of the department. Associate Professor SNIDER (in charge), Dr. SIBLEY.  
 16. GOVERNMENT IN ILLINOIS.—Nature and work of government; governmental units and their interrelations; the state constitution and problems of revision; popular control of government; organs of state government and their work; local governments and their functions; state and local finance. II, (2). Only one hour credit for this course is allowed to students who also take both Political Science 1a and 1b. *Prerequisite:* Sophomore standing. Professor MATHEWS, Associate Professor SNIDER.  
 36a-36b. THESIS AND HONORS COURSE.—S, I, and II, (2 to 5). Open only to seniors whose major is political science and who have a general University average of at least 4.0. Members of the department.

### Courses for Advanced Undergraduates and Graduates

4. MUNICIPAL GOVERNMENT.—Growth of cities; their legal and social status; municipal politics and organization in the United States and abroad. I, (3). *Prerequisite:* Junior standing. Associate Professor SNIDER.

<sup>1</sup>On leave of absence for war service.

5. AMERICAN CONSTITUTIONAL SYSTEM.—Judicial interpretation of constitution; separation of governmental powers; relation of state and national governments; control of interstate commerce; jurisdiction of courts. I, (3). *Prerequisite:* Political Science 1a; junior standing. Professor MATHEWS.
- 6a-6b. INTERNATIONAL LAW.—Nature, sources, and development of international law; rights and duties of states; law of peace and war. I (6a only), (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Dr. MANNER.
7. AMERICAN FOREIGN RELATIONS.—Participation in international affairs; presidential initiative; development and organization of the Department of State; diplomatic intercourse; consular service; treaty-making power. II, (2). *Prerequisite:* Junior standing with six hours of political science. Professor MATHEWS.
8. INTERNATIONAL ORGANIZATION.—Early projects of international federation; administrative commissions; international congresses; international legislation; efforts at world organization; League of Nations and proposals for the future. I, (3). *Prerequisite:* Junior standing. Professor BERDAHL.
- [9. PRINCIPLES OF JURISPRUDENCE.—II, (3). *Prerequisite:* Political Science 1a, or equivalent; junior standing. Not given in 1944-1945. Dr. MANNER.]
- [11. THE CONSTITUTION AND INDUSTRIAL LEGISLATION.—II, (3). *Prerequisite:* Senior standing, or junior standing with five hours of political science or economics or both. Not given in 1944-1945.]
- [12a.-12b. PUBLIC ADMINISTRATION.—I and II, (3). *Prerequisite:* Political Science 1a; junior standing. Not given in 1944-1945.]
13. GOVERNMENT AND THE ECONOMIC ORDER.—I, (3). *Prerequisite:* Senior standing, or junior standing with five hours of political science or economics or both. Assistant Professor HAGAN.
- [14a. POLITICAL PARTIES: PARTY HISTORY AND ISSUES.—I, (3). *Prerequisite:* Junior standing. Not given in 1944-1945. Professor BERDAHL.]
- 14b. POLITICAL PARTIES: ORGANIZATION AND METHODS.—II, (3). *Prerequisite:* Junior standing. Professor BERDAHL, Associate Professor SNIDER.
- [18. LEGISLATION IN THE UNITED STATES.—II, (2). *Prerequisite:* Six hours of political science; junior standing. Not given in 1944-1945.]
- [21. BRITISH GOVERNMENT.—I, (2). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Not given in 1944-1945. Professor BERDAHL.]
22. CONTINENTAL EUROPEAN GOVERNMENTS.—Political systems of France, Germany, Italy, Switzerland, and Russia. S and II, (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science; History 1b or 32a or 32b is recommended. Assistant Professor HAGAN, Dr. SIBLEY.
- [28. CURRENT GOVERNMENTAL PROBLEMS.—II, (3). *Prerequisite:* Junior standing with six hours of political science. Not given in 1944-1945.]
32. PRINCIPLES OF POLITICAL SCIENCE.—I, (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Professor WILSON.
33. CONTEMPORARY POLITICAL THEORY.—S and II, (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Professor WILSON, Dr. SIBLEY.
34. MUNICIPAL PROBLEMS.—Municipal administration in the United States and Europe; city planning and housing; public utilities; police and sanitary administration; finances. II, (3). *Prerequisite:* Senior standing, or junior standing with Political Science 4, Economics 1, or Sociology 6. Associate Professor SNIDER.
38. INTERNATIONAL RELATIONS.—Rise of the national state system; forces affecting foreign policies, nationalism, economic interests, desire for security; sources of conflict and suggested solutions; growth of international cooperation. S, (3). *Prerequisite:* Junior standing. Dr. MANNER.

### Courses for Graduates

NOTE:—Graduate work in political science is conducted in the following special fields: political theory; international law and relations; American and foreign governments; constitutional law, administrative law, and jurisprudence; public administration.

Candidates for advanced degrees in political science must have had at least twenty hours of undergraduate work in political science, economics, sociology, and history, not less than twelve hours of which must have been in political science (which may include three hours in constitutional history). If a student making political science his major is taking both of his minors in other departments, one of them must be in history, economics, or sociology.



Several courses given in other departments are so closely related to those in political science that graduate students whose major is political science may be permitted on petition to take such courses as part of their major work. Attention is called to the bulletin on *University Training for the Public Service* and to the courses in public law in the College of Law, the courses in public finance in the College of Commerce and Business Administration, the courses in city and regional planning in the College of Fine and Applied Arts, and the courses in municipal and sanitary engineering in the College of Engineering.

Graduate students in other departments who choose political science as a minor must have had at least six hours of undergraduate work in political science and three hours in economics, sociology, or history.

- 101a. HISTORY OF POLITICAL THEORIES.—Political thought to the eighteenth century. I, (1 unit). Professor WILSON.
- 101b. HISTORY OF POLITICAL THEORIES.—Political thought from the eighteenth century to the present. II, (1 unit). Professor WILSON.
- [102. NATURE OF THE STATE.—II, (1 unit). Not given in 1944-1945.]
- 103a-103b. SEMINAR IN POLITICAL SCIENCE AND PUBLIC LAW.—Special problems, reports, discussions, and criticism. S, I, and II, ( $\frac{1}{2}$  to 4 units). Members of the department.
- [104. MUNICIPAL ADMINISTRATION.—II, (1 unit). Not given in 1944-1945.]
105. CONSTITUTIONAL LAW.—Research in selected topics. I, (1 unit). Professor MATHEWS.
- [106. INTERNATIONAL LAW.—Research in selected topics. I and II, (1 unit). Not given in 1944-1945.]
107. FOREIGN RELATIONS OF THE UNITED STATES.—II, (1 unit). Professor MATHEWS.
108. PROBLEMS OF INTERNATIONAL ORGANIZATION.—I, (1 unit). Professor BERDAHL.
- [111. GOVERNMENT AND THE ECONOMIC ORDER.—I, (1 unit). Not given in 1944-1945.]
- [112. PROBLEMS IN PUBLIC ADMINISTRATION.—Special topics. I, (1 unit). Not given in 1944-1945.]
- [113. STATE GOVERNMENT.—I, (1 unit). Not given in 1944-1945. Professor MATHEWS.]
- [114. POLITICAL PARTIES.—II, (1 unit). Not given in 1944-1945. Professor BERDAHL.]
- [121. PROBLEMS IN BRITISH GOVERNMENT.—I, (1 unit). Not given in 1944-1945.]
128. CONTEMPORARY GOVERNMENTAL PROBLEMS.—S, (1 unit). Associate Professor SNIDER.

## PSYCHOLOGY

*Professors:* WOODROW (Head of the Department), YOUNG, HIGGINSON.

*Associate Professors:* ANDERSON.

*Assistant Professors:* PENNINGTON,<sup>1</sup> HARRELL,<sup>1</sup> McALLISTER, JOHNSON, BERG, FISCHER, GILBERT, LARSEN.

*Associates:* McQUITTY,<sup>1</sup> COWLES.<sup>1</sup>

*Instructors:* HINSHAW, JANKE.

*Assistants:* SIMRALL, GRZEDA, LILIKER.

*Research Assistants:* SCHNEIDER.

### Requirements for L.A.S. Students

*Major:* 20 hours chosen from courses offered by this department, excluding Psychology 1. It is recommended that one of the following groups of courses be included, according to the student's purpose in making psychology his major subject.

I. General.—Course 3 and eight hours from courses for advanced undergraduates and graduates.

II. Personnel Psychology.—

(a) In Business and Industry: Courses 15, 23, 34, and 43.

(b) In Colleges and Universities: Courses 14, 23, 34, and 43.

III. Clinical Psychology.—Courses 16, 34, 35, 37, and 43.

Students making psychology their major as part of their preparation for careers as either personnel or clinical psychologists will be expected to take a course in statistics not later than their junior year. Any student who contemplates a major in psychology should consult the department as early as possible.

<sup>1</sup>On leave of absence for war service.

*Minors:* 20 hours chosen from not more than two of the following subjects: economics, education, mathematics, philosophy, political science, sociology, and zoology. At least eight hours must be taken in each, if two are chosen.

### Courses for Undergraduates

NOTE.—Division of General Studies 7a (Psychology and Philosophy) may be substituted for Psychology 1 wherever the latter constitutes a prerequisite.

1. INTRODUCTION TO PSYCHOLOGY.—Essential facts and principles of psychology. Lectures and sectional meetings. S, I, and II, (4). *Prerequisite:* Sophomore standing. Professor YOUNG, Assistant Professors BERG, CARLSON, FISCHER, GILBERT, JOHNSON, LARSEN, and McALLISTER, Dr. HINSHAW, Mrs. JANKE, Miss SIMRALL; (S, Professor HIGGINSON).
- †PS1. PSYCHOLOGY.—S, I, and II, (3). Assistant Professors McALLISTER and FISCHER, Dr. HINSHAW.
2. GENERAL PSYCHOLOGY.—The various fields of psychology, with special emphasis on applications. S, I, and II, (4). *Prerequisite:* Psychology 1, or junior standing. Professor HIGGINSON.
3. LABORATORY PRACTICE (ELEMENTARY).—Experiments following course 1 in the field of normal adult psychology. Drill in scientific method. I and II, (2). *Prerequisite:* Psychology 1. Professor HIGGINSON, Assistant Professor JOHNSON.
10. INDUSTRIAL PSYCHOLOGY.—Psychology of work and the factors affecting it, with special reference to industry. I, (2). *Prerequisite:* Psychology 1. Assistant Professor FISCHER.
14. SOCIAL PSYCHOLOGY.—Social behavior of the individual and of the group. I and II, (3). *Prerequisite:* Psychology 1. Professor YOUNG, Assistant Professor McALLISTER.
15. PERSONNEL TESTS AND MEASUREMENTS.—An introduction to the tests most commonly used in the selection and placement of employees in industrial, commercial, and governmental organizations. II, (3). *Prerequisite:* Psychology 1 and a course in statistics or concurrent registration therein. Assistant Professor JOHNSON.
21. CHARACTER AND PERSONALITY.—Analysis of the non-intellectual aspects and determinants of mentality and conduct, with special application to behavior problems and personnel psychology. I and II, (3). *Prerequisite:* Psychology 1. Not open to students who have completed Education 15. Associate Professor ANDERSON.
36. PSYCHOLOGY APPLIED TO OCCUPATIONAL THERAPY.—The application of psychological principles and techniques to occupational therapy. I and II, (2). *Prerequisite:* Psychology 1; registration in occupational therapy curriculum. Mrs. JANKE.

### Courses for Advanced Undergraduates

8. FEELING AND EMOTION.—Facts, problems, and methods of effective psychology, with special reference to recent physiological studies. S and II, (2). *Prerequisite:* Six hours of psychology. Professor YOUNG.
- [9. PHYSIOLOGICAL PSYCHOLOGY.—I, (2). *Prerequisite:* Psychology 1; a course including laboratory work in one of the biological sciences. Not given in 1944-1945.]
- [12. MINOR PROBLEMS (ADVANCED LABORATORY).—I, (3). *Prerequisite:* Psychology 3; consent of instructor. Not given in 1944-1945.]
- [13. MINOR PROBLEMS.—II, (3). *Prerequisite:* Six hours of psychology; consent of instructor. Not given in 1944-1945.]
16. GENETIC PSYCHOLOGY.—Psychological development of the individual. I and II, (3). *Prerequisite:* Psychology 1; junior standing. Associate Professor ANDERSON.
23. ABNORMAL PSYCHOLOGY.—Analytical consideration of types of behavior deviating from the normal. S, I, and II, (3). *Prerequisite:* Six hours of psychology. Dr. HINSHAW.
- [25. PSYCHOLOGICAL AESTHETICS.—II, (2). *Prerequisite:* Psychology 1; junior standing. Not given in 1944-1945.]
- 27a-27b. THESIS AND HONORS COURSE.—For major students and candidates for honors. Continuous through I and II, (2). *Prerequisite:* Senior standing; consent of instructor. Professor WOODROW.

†Navy College Training Program course, open to engineering students.

- [28. PSYCHOLOGY OF MOTIVATION.—I, (2). *Prerequisite*: Six hours of psychology. Not given in 1944-1945. Professor YOUNG.]
35. CLINICAL PSYCHOLOGY.—I, (3). *Prerequisite*: Junior standing; Psychology 1 and a course in child psychology or child development. Mrs. JANKE.
- [50. MILITARY PSYCHOLOGY.—I and II, (2). *Prerequisite*: Psychology 1; enrollment in advanced military science. Not given in 1944-1945.]

### Courses for Advanced Undergraduates and Graduates

5. COMPARATIVE PSYCHOLOGY.—Animal behavior with particular reference to the behavior of vertebrates. II, (3). *Prerequisite*: Psychology 1; either one other course in psychology or a course in zoology. Assistant Professor McALLISTER.
- [11. LEARNING AND COMPREHENSION.—II, (2). *Prerequisite*: Six hours of psychology. Not given in 1944-1945.]
- [17. HISTORY OF PSYCHOLOGY.—I, (2). *Prerequisite*: Six hours of psychology. Not given in 1944-1945.]
- [18. PERCEPTION.—II, (2). *Prerequisite*: Six hours of psychology. Not given in 1944-1945.]
20. SYSTEMATIC PSYCHOLOGY.—Contemporary systems; behaviorism. *Gestalt Psychologie*, structural, purposive, and functional psychology. II, (2). *Prerequisite*: Six hours of psychology. Professor WOODROW.
- [26. RECENT EXPERIMENTAL PROBLEMS.—S, (3). *Prerequisite*: Six hours of psychology. Not given in 1944-1945.]
34. INDIVIDUAL DIFFERENCES.—The nature, significance, measurement, and causation of the mental differences between individuals and groups. I, (3). *Prerequisite*: Six hours of psychology. Professor WOODROW.
37. PRACTICE IN PSYCHOLOGICAL EXAMINATION.—Supervised practice with children in the administration and interpretation of tests of general intelligence, special abilities, and achievement. II, (3). *Prerequisite*: Psychology 35; consent of instructor. Associate Professor ANDERSON, Mrs. JANKE.
43. STUDENT PERSONNEL WORK.—Principles and techniques in fitting educational processes to the needs, interests, and abilities of individual college students. I, (3). *Prerequisite*: Psychology 23. Assistant Professor BERG.
91. PSYCHOLOGY FOR LIBRARIANS.—Same as Library Science 91. The application of psychological principles and techniques to library services. II, (2). *Prerequisite*: Registration in the Library School. Assistant Professor BERG.

### Courses for Graduates

NOTE:—Graduate students who elect psychology as their major subject must have had standard courses, of university grade, both in general psychology and in the psychological laboratory. One general university course is the minimal requirement for graduate students who apply to the department for a minor subject.

Training in clinical psychology is provided by a curriculum leading to the degree of Master of Science in Clinical Psychology. The requirements for this degree are completion of eight units of work in the Urbana departments and an internship of six months in the Institute for Juvenile Research in Chicago. The work in Urbana shall include a minimum of four units in psychology and two units to be chosen from education and sociology. A prerequisite for full graduate standing in this curriculum is sixteen hours of undergraduate work in psychology, including at least one course each in statistics, child psychology, and clinical psychology.

- 103a-103b. RESEARCH.—Experimental investigations. S, I, and II, ( $\frac{1}{2}$  to 2 units). Professors in the department.
- 105a-105b. SEMINAR.—Discussion of current topics in their historical setting, with special emphasis on research problems. I and II, (1 unit). Professor WOODROW.
- [S106. NEURAL THEORY OF THE PSYCHOLOGICAL FUNCTIONS.—S, (1 unit). Not given in 1944. Assistant Professor PENNINGTON.]
- [108. QUANTITATIVE METHODS.—I, (1 unit). Not given in 1944-1945. Professor WOODROW.]
- [109. PROBLEMS IN MOTIVATION.—II, (1 unit). Not given in 1944-1945. Professor YOUNG.]
115. ADVANCED CHILD PSYCHOLOGY.—I, (1 unit). Associate Professor ANDERSON.
- [144. THEORY AND PRACTICE OF STUDENT PERSONNEL WORK.—II, (1 unit). Not given in 1944-1945.]

## RUSSIAN

### Courses for Undergraduates

[1a-1b. ELEMENTARY COURSE.—I and II, (4). *Prerequisite:* Junior standing. Not given in 1944-1945.]

## SOCIAL SCIENCES

Through the Division of the Social Sciences (including economics, geography, history, philosophy, political science, psychology, and sociology), a special program leading to the degree of Master of Arts in the Social Sciences is available to meet the needs of students who wish to study in several related fields within the social sciences rather than to specialize in one department, and the needs of those who contemplate teaching the social sciences. To qualify for this program a student, in addition to meeting the general requirements of the Graduate School, must have had twenty hours of undergraduate credit in the social sciences, and preparation in the particular departments within the division in which he elects to work substantially equivalent to the minor requirements of those departments. Work must be done in at least three departments within the division, or in two departments and in education. If work in education is elected, it may not exceed two units. No thesis is required, but in order to qualify for the degree a student must pass a comprehensive examination.

A curriculum on international affairs is sponsored by the Division of the Social Sciences, and its completion satisfies the requirements for a minor in the departments of Economics, Geography, History, Philosophy, Political Science, and Sociology. Students in the curriculum are required to take Economics 23, Political Science 8, Sociology 70, and, in the following groups of courses, two courses in Group I and two in Group II:

Group I.—Economics 29 or 44; History 32a or 32b, 37b; Philosophy 5; Political Science 33.

Group II.—Economics 8, 24, 30, 31; Education 5; Geography 1, 2, 3, 8, 10, 11, 53, 54; History 1a, 1b, 30a, 30b, 31b, 33b, 34b, 36a, 36b, 46a; Journalism 58; Philosophy 9, 18; Political Science 6a, 6b, 7, 21, 22, 38; Psychology 14; Social Science 1, 2; Sociology 10, 14, 28, 60.

### Courses for Undergraduates

1. LATIN-AMERICAN CIVILIZATION.—II, (3). *Prerequisite:* Junior standing. Associate Professor HAMILTON and others.
2. BACKGROUND AND PROBLEMS OF THE WAR.—S, I, and II, (2). Assistant Professor TYLOR and others.

## SOCIAL WELFARE ADMINISTRATION

*Professors:* STEVENSON (Director).

*Associate Professors:* HANDLEY.

*Assistant Professors:* ROGERS.

*Lecturers:* AGNEW, BIRCH, JENKINS, LENDRUM.

### Courses for Advanced Undergraduates

*Minors:* Courses in Social Welfare Administration may be counted towards a minor in the departments of Economics, Political Science, and Sociology.

20. INTRODUCTION TO SOCIAL WORK.—Philosophy, principles, methods, and fields of social work, with special emphasis on social case work. S, I, and II, (3). *Prerequisite:* Junior standing. Assistant Professor ROGERS.
21. CHILD WELFARE.—Types of child welfare agencies and their services, nature, causes, treatment, and prevention of child welfare problems. I and II, (2). *Prerequisite:* Junior standing. Assistant Professor ROGERS.
22. INTRODUCTION TO GROUP WORK.—Discussion of the philosophy, development, and principles of social group work; types of agency organization for recreation and leisure time activity; influence of the volunteer worker on policy and program;

methods used to achieve personal adjustment within the group; recent developments in case work and group work relationship. I and II, (2). *Prerequisite:* Junior standing. Assistant Professor ROGERS.

23. SOCIAL SERVICES IN WARTIME.—Wartime changes in social conditions: decrease in relief needs, changing demands for labor of women and children, special problems of new industrial centers, conditions relating to juvenile delinquency. Social services offered to members of the armed forces and their families—international developments. II, (3). *Prerequisite:* Junior standing. Professor STEVENSON.

### Courses for Graduates

NOTE:—To be admitted to graduate work in social welfare administration, students must have had twenty hours of work in the social sciences, preferably including the introductory courses in economics, sociology, political science, psychology, and biology or physiology.

The following courses are intended for the first year of an ultimate two-year program leading to the master's degree, the second year to be developed when this becomes desirable and feasible.

40. SOCIAL CASE WORK I.—An introductory course including the principles of social case work and their application; selected case records are used as material for study and discussion. I, (3). Associate Professor HANDLEY.
41. SOCIAL CASE WORK II.—A continuation of Social Case Work I, with special emphasis on interviewing, case recording, case work problems in the war emergency, and problems of cooperation among agencies. II, (3). *Prerequisite:* Social Welfare Administration 40. Associate Professor HANDLEY.
50. FIELD WORK I.—University field work units are maintained in the Champaign County Department of Public Assistance and in the Family Welfare Society of Champaign and Urbana. The minimum time requirement in field service is fifteen hours a week. I and II, (3). Social Welfare Administration 40 must be taken either preceding or concurrently. Associate Professor HANDLEY.
51. FIELD WORK II.—A continuation of Field Work I. Provides a working knowledge of the community resources. The minimum time requirement in field service is fifteen hours a week. II, (3). Social Welfare Administration 41 must be taken either preceding or concurrently. Associate Professor HANDLEY.
60. PUBLIC ASSISTANCE.—Local, state, and federal organization for public assistance. Constitutional difficulties; grants-in-aid; special problems of organization for general relief, work relief, old age assistance, aid to dependent children, aid to the blind, and assistance for the unemployed. I, (3). Professor STEVENSON.
61. PUBLIC WELFARE ORGANIZATION AND ADMINISTRATION.—Development of the public welfare services with special reference to the state and federal services, federal-state and state-local relationships. History and present administrative problems of state departments. Organization for mental hygiene, corrections, the handicapped, public assistance, and child welfare services. II, (3). Professor STEVENSON.
70. COMMUNITY ORGANIZATION.—An examination of the problem of identifying social needs in the community and of developing programs to meet them. Analysis of the functions of the community chest, council of social agencies, social service exchange, social settlement, etc. The function of the professional worker in the process of social planning. I, (2). Professor STEVENSON.
80. MEDICAL LECTURES.—A series of lectures on the aspects of medicine which are of importance to social workers. The organization of medical service, maternal and child care, and the major medical and surgical diseases are discussed. II, (2). Dr. BIRCH, Dr. LENDRUM.
81. PSYCHIATRIC INFORMATION FOR SOCIAL WORKERS.—Information on normal personality growth from infancy through old age, covering the biological, psychological, and social foundations of human behavior; abnormal behavior in the light of the physical, psychological, and social factors which have contributed to mental illness; prevention, social implications, and treatment possibilities. I, (2). Dr. JENKINS.
90. PROBLEMS IN CHILD WELFARE ADMINISTRATION.—Consideration of methods of administering laws relating to child dependency, delinquency, and neglect, with special emphasis on provisions in regard to adoption, foster care, and services to children in their own homes. II, (2). Miss AGNEW.

## SOCIOLOGY

*Professors:* ALBIG<sup>1</sup> (Chairman of Department), HILLER, TAFT, ZNANIECKI.  
*Associate Professors:* TIMMONS.  
*Assistant Professors:* TYLOR, HULETT,<sup>2</sup> PRICE.  
*Associates:* AHRENS.  
*Assistants:* BRADLEY.<sup>3</sup>  
*Cooperating:* Professor D. E. LINDSTROM.

## Requirements for L.A.S. Students

*Major:* 20 hours from any courses in this department.

*Minors:* 20 hours from any one or two of the following subjects: economics, history, law, philosophy, political science, psychology, and social welfare administration. At least eight hours must be taken in each subject, if two are chosen. The curriculum on international affairs will be accepted as a minor.

## Courses for Undergraduates

1. PRINCIPLES OF SOCIOLOGY.—S, I, and II, (3). *Prerequisite:* Sophomore standing. Professors HILLER and TAFT, Assistant Professors TYLOR, HULETT, and PRICE.
2. SOCIAL FACTORS IN PERSONALITY.—Nature of person and relation to institutions, social order, and development. S, I, and II, (3). *Prerequisite:* Sociology 1. Mr. AHRENS.
- [4. SOCIAL CONTROL.—II, (2). *Prerequisite:* Sociology 1. Not given in 1944-1945. Professor ALBIG.]
- 90a-90b. HONORS COURSE.—Individual study or research projects. S, I, and II, (2). *Prerequisite:* Senior standing. Members of the department.

## Courses for Advanced Undergraduates and Graduates

3. SOCIAL EVOLUTION.—Primitive and modern societal structures; origin and development of social institutions, processes of social change; problems of progress. S, I, and II, (3). *Prerequisite:* Sociology 1; junior standing. Mr. AHRENS.
5. THE FAMILY.—The family as a social institution; its origin, nature, development, and trends. S, I, and II, (3). *Prerequisite:* Sociology 1 and junior standing, or senior standing. Associate Professor TIMMONS.
6. SOCIOLOGY OF THE CITY.—Study of urban structure and ecology, particularly in light of the planning movement; urban populations; growth and development of urban communities. S, I, and II, (3). *Prerequisite:* Sociology 1; junior standing. Assistant Professor TYLOR.
7. RURAL SOCIOLOGY.—Institutions and problems of rural life; attitudes, structure, and organization of rural communities. S and II, (3). *Prerequisite:* Junior standing. Professor LINDSTROM.
8. CHARITIES.—Dependent classes; modern methods and policies in their treatment; historical perspectives. I, (3). *Prerequisite:* Sociology 1; junior standing. *Recommended background courses:* Sociology 2 and courses in history and economics. Associate Professor TIMMONS.
9. CRIMINOLOGY.—Crime from the point of view of personality and social situations. S, I, and II, (3). *Prerequisite:* Sociology 1; junior standing. Open to pre-legal juniors by consent of instructor. Professor TAFT.
10. POPULATION PROBLEMS AND HUMAN ECOLOGY.—Theories regarding numbers and quality; conventional class differences; differential selection; ecological structures, with special reference to the north-central states. I, (3). *Prerequisite:* Sociology 1; junior standing. Professor TAFT.
11. SOCIOLOGY OF THE REGION.—Regionalism in the theory: concepts and factors conditioning the types of regions; regionalism in operation in its dominant forms. II, (3). *Prerequisite:* Sociology 1; junior standing. Assistant Professor TYLOR.
14. PUBLIC OPINION.—Opinion changes and control; propaganda; interest groups and opinion; critical review of methods of measurement. S and II, (3). *Prerequisite:* Sociology 1; junior standing. Professor ALBIG, Assistant Professor HULETT.

<sup>1</sup>On leave of absence first semester.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>First semester.

17. METHODS OF SOCIOLOGICAL RESEARCH.—I, (3). *Prerequisite*: Eight hours of sociology. Required of all graduate majors in sociology. Professor HILLER.
- [18. RECENT DEVELOPMENTS IN PUBLIC WELFARE ADMINISTRATION.—II, (3). *Prerequisite*: Sociology 1; junior standing. Not given in 1944-1945. Associate Professor TIMMONS.]
19. CONTEMPORARY SOCIETY.—Basic character of modern life forms, underlying principles and efforts at reorientation. I and II, (3). *Prerequisite*: Sociology 3; junior standing. Mr. AHRENS.
- [20. SOCIAL PROGRESS AND SOCIAL VALUES.—I, (3). *Prerequisite*: Sociology 1; junior standing. Not given in 1944-1945.]
24. PENOLOGY.—Probation; parole; methods of institutional treatment. II, (3). *Prerequisite*: Sociology 9. Professor TAFT.
- [25. PREVENTION AND TREATMENT OF JUVENILE DELINQUENCY.—I, (3). *Prerequisite*: Sociology 1 or 9; junior standing. Not given in 1944-1945. Professor TAFT.]
27. THE COMMUNITY.—Nature, structure, and functions of the community. Types of communities and examples of some better community studies. The relation of the community to the larger social organization. S, (3). *Prerequisite*: Sociology 1 and senior standing, or 11 hours of sociology. Associate Professor TIMMONS.
28. IMMIGRATION AND ASSIMILATION.—Changes in social organization; borrowing and blending of cultures. II, (3). *Prerequisite*: Five hours of sociology. Professor HILLER.
42. PRIMITIVE SOCIETIES.—Ethnological and ethnographic study of preliterate people. II, (3). *Prerequisite*: Junior standing. Professor ALBIG.
- [44. THE NEGRO.—S, (2½). *Prerequisite*: Junior standing. Not given in 1944-1945.]
60. EUROPEAN SOCIOLOGICAL THOUGHT.—I, (3). *Prerequisite*: Sociology 1; junior standing. Professor ZNANIECKI.
- [61. SOCIAL CLASSES.—S, (2½). *Prerequisite*: Sociology 1; junior standing. Not given in 1944-1945.]
70. SOCIAL RELATIONS AND THE INTERNATIONAL ORDER.—II, (3). *Prerequisite*: Junior standing. Professors ALBIG, HILLER, TAFT, and ZNANIECKI, Associate Professor TIMMONS.
72. SOCIAL ROLES.—I, (3). *Prerequisite*: Sociology 1; junior standing. Professor ZNANIECKI.
80. SOCIOLOGY OF EDUCATION.—Same as Education 66. II, (3). *Prerequisite*: Sociology 1; junior standing. Professor ZNANIECKI.

### Courses for Graduates

NOTE:—Graduate students electing sociology as their major must have had at least eight hours of undergraduate work in sociology and fifteen hours in one or more of the following subjects: philosophy, history, psychology, genetics, economics, and political science. Sociology 17 is required of all graduate majors in this department. Those who select sociology as a minor must have had at least six hours of undergraduate work in sociology.

- [100. GENERAL SOCIOLOGY.—I, (1 unit). Not given in 1944-1945. Professor HILLER.]
- [101. SOCIOLOGICAL THEORY AND METHOD.—II, (1 unit). Professor ZNANIECKI.]
- [102. RECENT DEVELOPMENTS IN SOCIOLOGY.—I, (1 unit). Professor HILLER.]
- [S105. RESEARCH IN EDUCATION FOR MARRIAGE AND THE FAMILY.—S, (1 unit). Not given in 1944. Associate Professor TIMMONS.]
- [106. URBAN COMMUNITIES AND URBANIZATION.—I, (1 unit). Not given in 1944-1945. Assistant Professor TYLOR.]
- [107. RURAL COMMUNITIES.—I, (1 unit). Not given in 1944-1945. Assistant Professor TYLOR.]
108. RESEARCH IN SOCIAL EFFECTS OF POVERTY, THEIR PREVENTION AND TREATMENT.—I, (1 unit). Associate Professor TIMMONS.
- [109. RESEARCH IN CRIMINOLOGY.—II, (1 unit). Not given in 1944-1945. Professor TAFT.]
- [110. POPULATION PROBLEMS.—I, (1 unit). Not given in 1944-1945. Professor TAFT.]
112. THEORY OF SOCIAL GROUPS.—Modern nationality groups. I, (1 unit). Professor ZNANIECKI.
114. PUBLIC OPINION.—II, (1 unit). Professor ALBIG.
- [120. EUROPEAN SOCIOLOGICAL THEORY.—I and II, (1 unit). Not given in 1944-1945. Professor ZNANIECKI.]

- [121. FOLK SOCIOLOGY.—II, (1 unit). Not given in 1944-1945.]  
 [122. REGIONAL PROBLEMS AND PLANNING.—II, (1 unit). Not given in 1944-1945. Assistant Professor TYLOR.]  
 [124. ADVANCED PENOLOGY.—II, (1 unit). Not given in 1944-1945. Professor TAFT.]  
 [28. FUSION OF CULTURE RESULTING FROM IMMIGRATION.—II, (1 unit). Professor HILLER.]  
 [129. MODERN HUMAN MIGRATIONS.—I, (1 unit). Not given in 1944-1945. Professor TAFT.]  
 S130. SOCIOLOGY OF WAR.—S, ( $\frac{3}{4}$  or 1 unit). Professor TAFT.  
 150. SEMINAR AND RESEARCH.—Preparation of theses. I and II, ( $\frac{1}{2}$  to 3 units). Members of the department.  
 [180. SOCIOLOGY OF EDUCATION.—Same as Education 166. S, ( $\frac{3}{4}$  to 1 unit). Not given in 1944-1945. Professor ZNANIECKI.]

## SPANISH AND ITALIAN

(Including Portuguese)

*Professors:* VAN HORNE<sup>1</sup> (Head of the Department), RODRÍGUEZ FABREGAT (Visiting),<sup>2</sup> BAGÚ (Visiting).<sup>3</sup>  
*Associate Professors:* HAMILTON.  
*Assistant Professors:* KAHANE.  
*Associates:* ELSDON,<sup>1</sup> OLIVER.<sup>1</sup>  
*Instructors:* FLORES, ROSALDO,<sup>4</sup> OSGOOD, PIETRANGELI, BLYTHE.<sup>3</sup>  
*Assistants:* MAINOUS,<sup>2</sup> HEJTMANEK, FOSNAUGH, BRISTOW, KAHLERT, F. A. ANDERSON, HICKEY, RUBIO,<sup>4</sup> M. L. ANDERSON, BACKLUND, WHATLEY, OGDEN, REEVES, RINGO, McWILLIAMS, UNGER, KELLY,<sup>3</sup> MORETTO.<sup>3</sup>

## SPANISH

### Requirements for L.A.S. Students

- Major:* 20 hours in Spanish, excluding Spanish 1a, 1b, 2a, and including at least five hours from the courses for advanced undergraduates and graduates. Social Science 1, Latin-American Civilization, counts toward the major in Spanish and is strongly recommended.
- Minors:* 20 hours in not more than two of the following subjects, with at least eight hours in each subject if two are chosen: education, English (excluding Rhetoric 1 and 2), French, German, Greek, history, Italian, Latin, philosophy, Portuguese.

### Courses for Undergraduates

- 1a. ELEMENTARY SPANISH.—Grammar, pronunciation, reading, composition, conversation. For students who have had no work in Spanish. S, I, and II, (4). Seniors receive only three hours credit. No credit toward graduation is given for Spanish 1a without 1b. Dr. FLORES, Miss HEJTMANEK, Mrs. FOSNAUGH, Mrs. F. A. ANDERSON, Miss HICKEY, Mrs. RUBIO, Miss M. L. ANDERSON, Miss BACKLUND, Mr. REEVES, Mr. RINGO, Mrs. OGDEN, Miss UNGER, Miss KELLY; (S, Miss WHATLEY).
- 1b. ELEMENTARY SPANISH (CONTINUED).—S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite:* Spanish 1a, or one year of high school Spanish. Dr. FLORES, Mr. BLYTHE, Mrs. FOSNAUGH, Miss HICKEY, Miss M. L. ANDERSON, Miss BACKLUND, Miss WHATLEY, Mrs. OGDEN, Mr. REEVES, Miss UNGER, Miss KELLY.
- 2a. MODERN SPANISH.—Rapid reading, review of grammar, composition, conversation. S, I, and II, (4). *Prerequisite:* Spanish 1b, or two years of high school Spanish. Mrs. OSGOOD, Mr. BLYTHE, Miss HEJTMANEK, Mrs. FOSNAUGH, Mrs. BRISTOW, Miss KAHLERT, Miss BACKLUND, Miss WHATLEY, Mr. RINGO, Mr. McWILLIAMS; (S, Dr. FLORES, Dr. ROSALDO, Mrs. OGDEN).
- 2b. MODERN SPANISH (CONTINUED).—S, I, and II, (4). *Prerequisite:* Spanish 2a, or three years of high school Spanish. Dr. FLORES, Dr. ROSALDO, Mrs. OSGOOD, Mr.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Second semester.

<sup>3</sup>First semester.

<sup>4</sup>Resigned.



- BLYTHE, Miss HEJTMANEK, Mrs. FOSNAUGH, Mrs. BRISTOW, Miss KAHLERT, Miss WHATLEY, Mr. RINGO, Mr. MCWILLIAMS; (S, Dr. PIETRANGELI).
- 3a-3b. INTRODUCTION TO SPANISH LITERATURE.—Reading of modern authors and of authors of the seventeenth century. S (3a only), I, and II, (3). *Prerequisite*: Spanish 2b, or four years of high school Spanish. Dr. ROSALDO, Mrs. OSGOOD, Dr. PIETRANGELI, Mrs. F. A. ANDERSON, Mr. RINGO.
- 5a-5b. COMMERCIAL SPANISH.—I and II, (2). *Prerequisite*: Spanish 2b, or four years of high school Spanish. Mrs. F. A. ANDERSON.
- 7a-7b. INTERMEDIATE COMPOSITION AND CONVERSATION.—Conducted in Spanish. S, I, and II, (2). *Note*: Prospective teachers of Spanish are strongly advised to take Spanish 7a and 7b. *Prerequisite*: Spanish 2b, or four years of high school Spanish. Dr. FLORES, Dr. ROSALDO, Miss KAHLERT, Mr. REEVES, Mrs. MORETTO.
- 8a-8b. ADVANCED COMPOSITION AND CONVERSATION.—I and II, (2). *Prerequisite*: Spanish 7b, or equivalent. Dr. FLORES, Miss KAHLERT.
25. METHODS OF TEACHING SPANISH.—Discussion and laboratory work in phonetics. II, (3). *Prerequisite*: Twenty hours in Spanish, or sixteen hours in Spanish plus twenty in French. Open to juniors and seniors. Mr. MCWILLIAMS.
- 28a-28b. SENIOR THESIS.—For candidates for honors in Spanish, and for other seniors. S, and continuous through I and II, (2). Members of the department.

### Courses for Advanced Undergraduates and Graduates

*Prerequisite for the following courses*: Spanish 3a-3b, or equivalent, and junior standing; or senior standing and consent of instructor.

- [10a-10b. SURVEY OF SPANISH LITERATURE.—S (10a only), I, and II, (3). Not given in 1944-1945. Associate Professor HAMILTON.]
- 11a-11b. CERVANTES: DON QUIJOTE.—I and II, (2). Dr. FLORES.
- [12a-12b. CLASSICAL SPANISH DRAMA.—I and II, (2). Not given in 1944-1945.]
- 14a-14b. PHONETICS AND SYNTAX.—I and II, (2). Assistant Professor KAHANE, Dr. FLORES.
- 15a-15b. ORÍGENES DE LA CULTURA HISPANO-AMERICANA.—(In Spanish). I and II, (2). Visiting Professors RODRÍGUEZ FABREGAT and BAGÜ.
- 16a-16b. GRANDES ESCRITORES DE LA AMÉRICA HISPANA EN LOS SIGLOS XIX Y XX.—(In Spanish). I and II, (2). Visiting Professors RODRÍGUEZ FABREGAT and BAGÜ.
- 17a-17b. MODERN SPANISH AND SPANISH-AMERICAN DRAMA.—S (17a only), I, and II, (2). Associate Professor HAMILTON; (S, Dr. FLORES).
- 18a-18b. SURVEY OF LATIN-AMERICAN LITERATURE.—S (18b only), I, and II, (3). Visiting Professor BAGÜ, Associate Professor HAMILTON; (S, Dr. ROSALDO).

### Courses for Graduates

NOTE:—Students doing graduate work for an advanced degree in Spanish must acquire a practical command of the language. Some knowledge of Italian is recommended. A considerable amount of parallel training in one or more other languages or literatures such as English, French, German, Greek, Latin, or Portuguese, is indispensable. In any case, some Latin is required of candidates for the Ph.D. degree, a reading knowledge of simple Latin prose being the desirable minimum.

- [130a-130b. SPANISH LITERATURE IN THE SIXTEENTH CENTURY.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor VAN HORNE.]
- 131a-131b. SPANISH LITERATURE IN THE SEVENTEENTH CENTURY.—Continuous through I and II, (1 unit). Associate Professor HAMILTON.
- S131c. SEVENTEENTH CENTURY LITERATURE: CERVANTES.—S, (1 unit). Associate Professor HAMILTON.
- [134a-134b. SPANISH LITERATURE IN THE EIGHTEENTH CENTURY.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor HAMILTON.]
- [135a-135b. THE MODERN SPANISH AND SPANISH-AMERICAN NOVEL.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor HAMILTON.]
- 138a-138b. LATIN-AMERICAN LITERATURE.—S (138a only), I, and II, (1 unit). Associate Professor HAMILTON.
- [139a-139b. SPANISH LITERATURE IN THE MIDDLE AGES.—Continuous through I and II, (1 unit). Not given in 1944-1945. Associate Professor HAMILTON, Assistant Professor KAHANE.]

185a-185b. OLD SPANISH.—I and II, (1 unit). Assistant Professor KAHANE.

195a-195b. SEMINAR.—Research work in special topics. S (195a only), I, and II, (1 to 2 units). Visiting Professor RODRÍGUEZ FABREGAT, Associate Professor HAMILTON, Assistant Professor KAHANE.

## ITALIAN

### Requirements for L.A.S. Students

*Major:* 20 hours of Italian, excluding 1a and 1b, and including at least five hours from the group for advanced undergraduates and graduates. History 31a and 31b, and Italian 28 are acceptable. Italian 28 for majors can be arranged for advanced group credit.

*Minors:* 20 hours in not more than two of the following subjects, with at least eight hours in each subject if two are chosen: education, English (excluding Rhetoric 1 and 2), French, German, Greek, history, Latin, philosophy, Portuguese, Spanish.

### Courses for Undergraduates

1a-1b. ELEMENTARY ITALIAN.—Grammar, composition, conversation, reading. For students who have had no work in Italian. S (1a only), I, and II, (4). Seniors receive only three hours credit. No credit toward graduation is given for Italian 1a without Italian 1b. Dr. PIETRANGELI.

[2a-2b. INTERMEDIATE ITALIAN.—I and II, (3). *Prerequisite:* Italian 1b, or two years of high school Italian. Not given in 1944-1945.]

### Courses for Advanced Undergraduates and Graduates

3a-3b. DANTE: LA DIVINA COMMEDIA.—I and II, (2). *Prerequisite:* Italian 1b; junior standing. Associate Professor HAMILTON, Dr. PIETRANGELI.

[4a-4b. MODERN ITALIAN LITERATURE.—I and II, (2). *Prerequisite:* Italian 1b; junior standing. Not given in 1944-1945.]

28a-28b. SENIOR THESIS.—For candidates for honors in Italian, and for other seniors. Continuous through I and II, (2). Members of the department.

### Courses for Graduates

NOTE.—Students doing graduate work for an advanced degree in Italian must acquire a practical command of the language. Some knowledge of Spanish is recommended. A considerable amount of parallel training in one or more other languages or literatures such as English, French, German, Greek, Latin, or Portuguese, is indispensable. In any case, some Latin is required of candidates for the Ph.D. degree, a reading knowledge of simple Latin prose being the desirable minimum.

[140a-140b. ITALIAN LITERATURE IN THE MIDDLE AGES: PETRARCH, BOCCACCIO.—Continuous through I and II, (1 unit). Not given in 1944-1945. Professor VAN HORNE.]

143a-143b. ITALIAN LITERATURE IN THE RENAISSANCE.—I and II, (1 unit). Assistant Professor KAHANE.

195a-195b. SEMINAR.—Research in special topics. I and II, (1 to 2 units). Assistant Professor KAHANE.

## PORTUGUESE

### Courses for Undergraduates

1a-1b. ELEMENTARY PORTUGUESE.—I and II, (4). No credit toward graduation is given for Portuguese 1a without Portuguese 1b. *Prerequisite:* Sophomore standing. Assistant Professor KAHANE.

2a-2b. INTERMEDIATE PORTUGUESE.—I and II, (4). *Prerequisite:* Portuguese 1b. Miss HEJTMANEK.

### Courses for Advanced Undergraduates and Graduates

10a-10b. INTRODUCTION TO BRAZILIAN AND PORTUGUESE LITERATURES.—I and II, (3). *Prerequisite:* Portuguese 2b; senior standing. Assistant Professor KAHANE.

## THEORETICAL AND APPLIED MECHANICS

*Professors:* SEELY (Head of the Department), MOORE (Emeritus), ENGER, RICHART, PUTNAM, DRAFFIN, SCHRADER.

*Associate Professors:* ENSIGN, DOLAN,<sup>1</sup> JENSEN,<sup>1</sup> SCHWALBE, LANSFORD.

*Assistant Professors:* KITTREDGE,<sup>2</sup> COLLINS,<sup>2</sup> FINDLEY.

*Associates:* BROWN, SUPPIGER,<sup>1</sup> JONES, SMITH,<sup>1</sup>

*Instructors:* BLACK.<sup>1</sup>

*Cooperating:* Professor N. M. NEWMARK,<sup>2</sup> Assistant Professor E. F. TOTH.

*Summer of 1944 but not in current year:* WALTER EMCH.

## Courses for Undergraduates

1. ANALYTICAL MECHANICS (STATICS).—Force systems; equilibrium; centroids; center of gravity; friction. S, I, and II, (2). *Prerequisite:* Mathematics M5 or 7; registration in Mathematics M6 or 9. Equivalent to A1 in Navy program. Associate Professor ENSIGN and others.
2. ANALYTICAL MECHANICS (DYNAMICS).—Kinematics and kinetics. S, I, and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 1. Equivalent to A2 in Navy program. Associate Professor ENSIGN and others.
3. RESISTANCE OF MATERIALS.—Mechanics and materials; properties and requirements for materials of construction. S, I, and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 1. Equivalent to Civil Engineering 3 in Navy program. Professor PUTNAM and others.
4. HYDRAULICS.—Pressure and flow of water, utilization as motive power. S, I, and II, (2). *Prerequisite:* Theoretical and Applied Mechanics 1; registration in Theoretical and Applied Mechanics 2. Equivalent in part to Civil Engineering 6 in Navy program. Associate Professor LANSFORD and others.
5. MECHANICS OF FLUIDS.—Kinematics of fluid motion; elements of hydrodynamics; effects of viscosity, compressibility, and drag. II, (3). *Prerequisite:* Theoretical and Applied Mechanics 2. Associate Professor LANSFORD.
- [17-18. ELEMENTS OF MECHANICS (STATICS) AND STRENGTH OF MATERIALS.—For architects and others who have not taken the calculus. Continuous through I and II, (3). *Prerequisite:* Mathematics 6a. Not given in 1944-1945. Professor DRAFFIN.]
63. RESISTANCE OF MATERIALS LABORATORY.—Tests to determine properties and to illustrate mechanics of materials. S, I, and II, (1). *Prerequisite:* Registration in Theoretical and Applied Mechanics 3. Part of Civil Engineering 4 in Navy program; the remaining part of Civil Engineering 4 given as Civil Engineering 35. Professor DRAFFIN and others.
- 63a. STRENGTH OF MATERIALS LABORATORY.—For students in the mechanical engineering curriculum. II, (3). *Prerequisite:* Registration in Theoretical and Applied Mechanics 3. Equivalent to Civil Engineering 4 in Navy program.
- 63b. STRENGTH OF MATERIALS LABORATORY.—For students in the electrical engineering curriculum. II, (2). *Prerequisite:* Registration in Theoretical and Applied Mechanics 3. Equivalent to Civil Engineering 4a in Navy program.
64. HYDRAULICS LABORATORY.—Measurement of flow, friction in pipes, pumping and power. S, I, and II, (1). *Prerequisite:* Registration in Theoretical and Applied Mechanics 4. Equivalent in part to Civil Engineering 6 in Navy program. Associate Professor LANSFORD and others.
- 97-98. THESIS.—S, and continuous through I and II, (1 to 3). *Prerequisite:* Senior standing and approval of head of department. Members of the department.

## Courses for Advanced Undergraduates and Graduates

- [41. ADVANCED MECHANICS OF MATERIALS.—I, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63. Not given in 1944-1945. Professor SEELY.]
- [42. PROPERTIES OF ENGINEERING MATERIALS: SPECIFICATIONS.—II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63. Not given in 1944-1945. Professor SEELY.]
- [43. FLUID MECHANICS AND ADVANCED HYDRAULICS.—I and II, (3 semester hours or ½ to 1 unit). *Prerequisite:* Theoretical and Applied Mechanics 4 and 64. Not given in 1944-1945. Associate Professor LANSFORD.]

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence until January 20, 1945.

- [44. ADVANCED LABORATORY WORK IN TESTING MATERIALS.—I and II, (3 semester hours or  $\frac{1}{2}$  to 1 unit). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63. Not given in 1944-1945. Professor PUTNAM.]
- [47. ENGINEERING ANALYSIS.—I, (3 semester hours or  $\frac{1}{2}$  to 1 unit). *Prerequisite:* Theoretical and Applied Mechanics 2 and 3. Not given in 1944-1945. Associate Professor JENSEN.]
- [48. ENGINEERING ANALYSIS.—Continuation of Theoretical and Applied Mechanics 47. II, (3 semester hours or  $\frac{1}{2}$  to 1 unit). Not given in 1944-1945. Associate Professor JENSEN.]
- [49. ADVANCED DYNAMICS AND VIBRATIONS.—I and II, (3 semester hours or  $\frac{1}{2}$  to 1 unit). *Prerequisite:* Theoretical and Applied Mechanics 2 and 3. Not given in 1944-1945. Assistant Professor FINDLEY.]
- [50. ADVANCED DYNAMICS AND VIBRATIONS.—Continuation of Theoretical and Applied Mechanics 49. II, (3 semester hours or  $\frac{1}{2}$  to 1 unit). Not given in 1944-1945.]

### Courses for Graduates

NOTE:—Graduate students electing theoretical and applied mechanics as their major must have had the equivalent of the undergraduate courses required for a bachelor's degree in general engineering. The courses open to seniors (listed above) may be taken for minor credit by graduate students whose major is in other departments.

- [101. DEVELOPMENT OF BASIC IDEAS IN MECHANICS.—I and II, (1 unit). Not given in 1944-1945.]
- [103. FLUID MECHANICS.—I and II, (1 unit). Not given in 1944-1945. Assistant Professor KITTREDGE.]
107. LABORATORY INVESTIGATIONS IN STRENGTH OF MATERIALS.—II, (1 to 2 units). Professor SEELY.
108. LABORATORY INVESTIGATIONS IN HYDRAULICS.—I and II, (1 to 2 units). Associate Professor LANSFORD.
109. LABORATORY INVESTIGATIONS IN PLAIN AND REINFORCED CONCRETE.—I, (1 to 2 units). Professor RICHART.
110. ANALYTICAL STUDY OF EXPERIMENTAL WORK ON REINFORCED CONCRETE.—I, (1 unit). Professor RICHART.
111. ANALYTICAL STUDY OF EXPERIMENTAL WORK ON REINFORCED CONCRETE.—II, (1 unit). Professor RICHART.
- [112. STRUCTURAL MECHANICS.—I, (1 unit). Not given in 1944-1945. Associate Professor SCHWALBE.]
- [113. SELECTED TOPICS IN STRUCTURAL MECHANICS.—II, ( $\frac{1}{2}$  unit). Not given in 1944-1945. Associate Professor SCHWALBE.]
114. THEORY OF ELASTICITY WITH APPLICATIONS TO ENGINEERING PROBLEMS.—I, (1 unit). Professor NEWMARK.
115. THEORY OF ELASTICITY WITH APPLICATIONS TO ENGINEERING PROBLEMS.—Continuation of Theoretical and Applied Mechanics 114. II, (1 unit). Professor NEWMARK.
- [116. RESISTANCE OF MATERIALS.—I, ( $\frac{1}{2}$  to 1 unit). Not given in 1944-1945. Professor SEELY.]
- [117. PROPERTIES OF ENGINEERING MATERIALS.—II, ( $\frac{1}{2}$  to 1 unit). Not given in 1944-1945. Professor SEELY.]
198. THESIS.—I and II, (1 to 2 units). Members of the department.

### ZOOLOGY AND PHYSIOLOGY

*Professors:* HARTMAN (Head of the Department), WARD (Emeritus), SHELFORD,<sup>1</sup> SHUMWAY,<sup>2</sup> VAN CLEAVE, ADAMS, ADAMSTONE, KUDO.

*Associate Professors:* BURGE, KENDEIGH, STEGGERDA, THOMAS, PROSSER,<sup>2</sup> HALL.

*Assistant Professors:* LUCE, INGLE, TAYLOR.

*Associates:* CHASE, ELHARDT, KUGLER, ROBINSON,<sup>2</sup> SHOEMAKER.

*Instructors:* WICKWIRE, GRAY,<sup>2</sup> BAYLOR, KROUSE, WILLIAMS.

*Assistants:* MEINKOTH, HAMILTON, DUSHKIND, JONES,<sup>3</sup> RAFFERTY, CHEW, MULLINS, CROSS.<sup>4</sup>

*Research Assistants:* LITRELL, SPARKMAN, HOEKSTRA, ROSS.

*Summer of 1944 but not in current year:* C. J. GOODNIGHT, JOY B. PHILLIPS.

<sup>1</sup>On leave of absence first semester.

<sup>2</sup>Resigned.

<sup>3</sup>On leave of absence for war service.

<sup>4</sup>Second semester.

## ZOOLOGY

### Requirements for L.A.S. Students

*Major:* 20 hours in zoology, excluding Zoology 1, 14, 16, and including five hours of advanced work.

*Minors:* 20 hours chosen from one or two of the following subjects: animal husbandry, bacteriology, botany, chemistry, education, entomology, geography, geology, mathematics, physics, physiology, psychology. At least eight hours must be taken in each subject, if two are chosen.

### Courses for Undergraduates

NOTE:—Division of General Studies 3 (General Biology) may be substituted for Zoology 1 wherever the latter constitutes a prerequisite.

1. GENERAL ZOOLOGY.—Animal biology; structure, function, environmental relations, origin, and development of animals. Lectures, laboratory, and quiz. S, I, and II, (5). Seniors receive only four hours credit. Assistant Professor LUCE (in charge of the course), Assistant Professor INGLE (in charge of laboratory), Professor KUDO, Associate Professors KENDEIGH and THOMAS, Dr. BAYLOR, and assistants; (S, Professor HARTMAN).
2. COMPARATIVE VERTEBRATE ANATOMY.—Classification and distribution of the vertebrate animals. Comparative anatomy of organs and organ systems, their function and evolution. Lectures, laboratory, and quiz. S, I, and II, (5). *Prerequisite:* Zoology 1. Grade of "C" in Zoology 1 is required of freshmen. Associate Professor HALL, Dr. CHASE, Dr. BAYLOR, and assistants; (S, Professor ADAMSTONE, Dr. SHOEMAKER, Dr. GOODNIGHT).
3. VERTEBRATE EMBRYOLOGY.—The development of the vertebrate body and its organs. Lectures, laboratory, and quiz. S, I, and II, (3). *Prerequisite:* Zoology 2; sophomore standing. Professor ADAMSTONE, Dr. KUGLER; (S, Associate Professor HALL); and assistants.
4. INVERTEBRATE ZOOLOGY.—Lower invertebrates; structure and development. Application of biological principles. Laboratory, lectures, and demonstrations. II, (3). *Prerequisite:* Zoology 1; sophomore standing. Professor VAN CLEAVE.
7. EVOLUTION.—Emphasis on biological processes in which man is involved. Lectures, demonstrations, and discussions. S and I, (3). *Prerequisite:* Sophomore standing. Dr. CHASE.
9. INTRODUCTION TO ECOLOGY.—Seasonal and climatic relations of species and communities. II, (3 to 4). *Prerequisite:* Zoology 1, or equivalent. Professor SHELFORD, Dr. SHOEMAKER.
- 10a-10b. FIELD ECOLOGY (a) AND ORNITHOLOGY (b).—Study in forests, streams, and lakes in vicinity of Reelfoot Lake, Tenn., covering 5 days. Expenses about \$24. *Prerequisite:* Registration in Zoology 9 or 16, or equivalent. II, (1). Registration in 10a and 10b in two different years and preparation of reports on (a) and (b) give a total of 2 hours credit. Professor SHELFORD, Dr. SHOEMAKER.
- [S12. BIOLOGY OF THE VERTEBRATES.—For school teachers. S, (5). Not given in 1944.]
- [14. ELEMENTARY ZOOLOGY.—For students in agriculture. I and II, (3). Should be taken during the sophomore or junior year, preferably the former. Not given in 1944-1945. Professor HARTMAN, Associate Professor PROSSER, Dr. CHASE.]
- [16. BIRD STUDY.—II, (2). *Prerequisite:* Sophomore standing. Not given in 1944-1945. Associate Professor KENDEIGH.]

### Courses for Advanced Undergraduates and Graduates

6. VERTEBRATE HISTOLOGY.—Study and preparation of tissues of the vertebrate body. Lecture and laboratory. S and II, (3). *Prerequisite:* Zoology 3; junior standing. Professor ADAMSTONE.
- [11. ANIMAL ECOLOGY AND GEOGRAPHY.—I, (3 to 5). *Prerequisite:* One year of zoology; senior standing. Not given in 1944-1945. Professor SHELFORD, Associate Professor KENDEIGH.]
17. FIELD ZOOLOGY.—Collection, preservation, and identification of lower vertebrates and land and fresh-water invertebrates; habits and life histories of selected forms. Field and laboratory work, readings. I, (3). *Prerequisite:* One year of zoology; senior standing. Professor VAN CLEAVE.

18. PROTOZOOLOGY.—Morphology, physiology, and life-history of representative free-living and parasitic protozoa. Lectures and laboratory. S and I, (3 to 5). *Prerequisite*: One year of zoology; junior standing. Professor KUDO.
19. WILDLIFE MANAGEMENT AND CONSERVATION.—Size and measurement of animal population, factors affecting reproduction and mortality, life history, management policies for fishes, mammals, and birds. I, (3). *Prerequisite*: One year of zoology and junior standing or, for students in the College of Agriculture, Zoology 14 and senior standing. Associate Professor KENDEIGH.
- 20a-20b. GENERAL SEMINAR.—For members of the staff and graduate students. Also open to seniors whose major is zoology. I and II, (no credit). Attention is called to the following special clubs and seminars, some of which are inter-departmental: Animal Ecology Club, Genetics Seminar, and Physiology Journal Club.
- 21a-21b. INTRODUCTION TO RESEARCH.—For those who wish to study individual problems. Candidates for honors and undergraduates who are enrolled for tutorial work or in individual curricula should register in this course. Graduates may register for topics involving individual work not assigned in other courses. Laboratory, conferences, and readings. S, I, and II, (2 to 5). *Prerequisite*: Two years of zoology; senior standing; approval of department. Members of the department.
- [22. ADVANCED VERTEBRATE ZOOLOGY.—I, (2 to 4). *Prerequisite*: Zoology 3; senior standing. Not given in 1944-1945. Professor ADAMS.]
- [23. ADVANCED VERTEBRATE ANATOMY.—II, (2 to 4). *Prerequisite*: Zoology 3; senior standing. Not given in 1944-1945. Associate Professor HALL.]
- 25a. GENETICS.—Principles of heredity. Lectures, readings, and discussions. II, (3). *Prerequisite*: Zoology 1 or 14, or one semester of any biological science; junior standing. Assistant Professor LUCE.
- 25b. GENETICS.—Laboratory experiments illustrating the principles of heredity, problems, demonstrations. II, (2). *Prerequisite*: Zoology 25a or concurrent registration therein; junior standing. Assistant Professor LUCE, Dr. CHASE.
- [26. ORNITHOLOGY.—II, (2 or 3). *Prerequisite*: One year of zoology; junior standing. Not given in 1944-1945. Associate Professor KENDEIGH.]
30. ANIMAL PARASITES OF MAN.—Identification and development of protozoan and helminth parasites. S, (3). *Prerequisite*: One year of zoology; junior standing. Professor KUDO.
31. HELMINTHOLOGY.—Parasites, life cycles, morphology, taxonomy. Laboratory technique, readings, quiz, demonstrations. II, (3 to 5). *Prerequisite*: Zoology 2; junior standing. Associate Professor THOMAS.
- [36. BIOLOGY FOR TEACHERS.—Same as Botany 36. Limited to teachers and those who expect to teach. S, (3). *Prerequisite*: One course in zoology and one in botany; junior standing. Not given in 1944-1945. Professors HARTMAN and VESTAL.]
- S59. INTRODUCTORY ECOLOGY.—Community and environmental relations of animals. S, (3). *Prerequisite*: One year of zoology; junior standing. Dr. SHOEMAKER.

### Courses for Graduates

NOTE:—Graduate students who choose zoology as a major must have had at least two years of undergraduate work in zoology, except that under special circumstances advanced courses in closely allied subjects may be accepted in place of the fourth semester of zoology. Graduate students in other departments who choose zoology as a minor must have had at least one year of undergraduate work in zoology or ten hours of any laboratory science.

A reading knowledge of German and French is indispensable for graduate study in zoology, and familiarity with Latin and Greek is of great advantage.

Graduate students whose major is zoology are strongly advised to study at least one summer at a marine biological station. Every candidate for the Ph.D. degree in zoology is required to furnish evidence of having completed satisfactorily at least six weeks of work at an approved station.

Although no special degree in wildlife management is offered, students may prepare themselves for that type of work by selecting courses from the following list: Zoology 11, 17, 18, 19, 26, 31, 109, 110, 111, 118, 131, and research courses. Such students should choose their minors from botany, physiology, entomology, and bacteriology.

For a master's degree in the biological sciences, see page 243.

102. CLASSIFICATION, PHYLOGENY, AND EVOLUTION OF VERTEBRATES.—I, (1 unit). Professor ADAMS.
- [103. CYTOLOGY.—I, (1 unit). Not given in 1944-1945. Professor ADAMSTONE.]
- [106. ADVANCED VERTEBRATE EMBRYOLOGY.—I, (1 unit). *Prerequisite*: Zoology 3 or equivalent. Not given in 1944-1945. Professor SHUMWAY.]
- [107. EXPERIMENTAL VERTEBRATE EMBRYOLOGY.—II, (1 unit). *Prerequisite*: Zoology 3 or equivalent. Not given in 1944-1945. Professor SHUMWAY.]
109. PHYSIOLOGICAL ECOLOGY.—II, ( $\frac{1}{2}$  to 1 unit). Professor SHELFORD.
- [110. CLIMATIC ECOLOGY.—II, ( $\frac{1}{2}$  to 1 unit). Not given in 1944-1945. Professor SHELFORD.]
111. ADVANCED FIELD ECOLOGY.—II, ( $\frac{1}{4}$  to 1 unit). Professor SHELFORD.
- [115. ADVANCED GENETICS.—I, (1 unit). Not given in 1944-1945. Assistant Professor LUCE.]
117. INVERTEBRATE TAXONOMY.—II, ( $\frac{1}{2}$  to 1 unit). Professor VAN CLEAVE.
118. ADVANCED PROTOZOOLOGY.—II, ( $\frac{1}{2}$  to 1 unit). Professor KUDO.
120. INDIVIDUAL RESEARCH.—S, I, and II, (1 to 2 units). Arrange. May be taken by students who can attend classes only on Saturdays. Work may be taken in the following fields:
- INVERTEBRATE ZOOLOGY AND PARASITOLOGY.—Professor VAN CLEAVE, Assistant Professor INGLE.
- VERTEBRATE ZOOLOGY.—Professor ADAMS, Associate Professor HALL.
- VERTEBRATE EMBRYOLOGY.—Professor ADAMSTONE.
- GENETICS AND REGENERATION.—Assistant Professor LUCE.
- ANIMAL ECOLOGY, BEHAVIOR, AND WILDLIFE MANAGEMENT.—Professor SHELFORD, Associate Professor KENDEIGH.
- HISTOLOGY AND CYTOLOGY.—Professor ADAMSTONE.
- PROTOZOOLOGY AND PARASITOLOGY.—Professor KUDO.
- HELMINTHOLOGY AND PARASITOLOGY.—Associate Professor THOMAS.
- PHYSIOLOGY OF DEVELOPMENT.—Professor HARTMAN.
- [131. HELMINTHOLOGY.—II, ( $\frac{1}{2}$  to 1 unit). Not given in 1944-1945. Professor VAN CLEAVE.]

## PHYSIOLOGY

### Requirements for L.A.S. Students

*Major*: 20 hours in physiology, excluding Physiology 1, 1a, 3a, and 3b.

*Minors*: 20 hours in not more than two of the following: bacteriology, botany, chemistry, entomology, and zoology. At least eight hours must be taken in each subject, if two are chosen.

### Courses for Undergraduates

NOTE.—Division of General Studies 3 (General Biology) may be substituted for one semester of physiology in satisfying prerequisites.

1. MAMMALIAN PHYSIOLOGY.—Without laboratory. S, I, and II, (3). Credit is not given for Physiology 1 or 1a in addition to 3a. Seniors receive only two hours credit. Associate Professor BURGE, Miss KROUSE, Miss WILLIAMS; (S, Associate Professor STEGGERDA, Assistant Professor TAYLOR).
- 1a. MAMMALIAN PHYSIOLOGY.—With laboratory. S, I, and II, (5). Credit is not given for Physiology 1a or 1 in addition to 3a. Seniors receive only four hours credit. Associate Professor STEGGERDA, Professor HARTMAN, Assistant Professor TAYLOR; (S, Miss KROUSE).
- 3a-3b. PHYSIOLOGICAL ANATOMY.—For physical education students. Continuous through I and II, (5); credit toward graduation not allowed for either semester separately. Credit is not given for Physiology 3a-3b in addition to 1 or 1a. Seniors receive only four hours credit. Dr. ELHARDT.
5. PHYSIOLOGY OF THE NERVOUS SYSTEM AND THE SPECIAL SENSES.—I and II, (3). *Prerequisite*: Three hours of physiology, or consent of instructor. Mr. WICKWIRE.
9. PHYSIOLOGY OF HIGH ALTITUDE FLYING.—II, (3). *Prerequisite*: Fifteen hours of science, sophomore standing, or consent of instructor. Associate Professor STEGGERDA.
33. HUMAN ANATOMY.—With special reference to skeletal musculature and the nervous system. For students in the occupational therapy curriculum. S, I, and II, (3). Mr. WICKWIRE.

### Courses for Advanced Undergraduates

8. INDIVIDUAL TOPICS.—S, I, and II, (3 to 5). *Prerequisite:* Senior standing; 15 hours of physiology. Members of the department.

### Courses for Advanced Undergraduates and Graduates

6. ADVANCED MAMMALIAN PHYSIOLOGY.—Muscle, nervous system, circulation, and blood. II, (5). *Prerequisite:* Twenty hours of chemistry or biology, or consent of instructor. Associate Professor STEGGERDA, Assistant Professor TAYLOR.
7. ADVANCED MAMMALIAN PHYSIOLOGY.—Respiration, digestion, excretion, endocrine glands, and temperature regulation. I, (5). *Prerequisite:* Twenty hours of chemistry, or consent of instructor. Associate Professor STEGGERDA, Assistant Professor TAYLOR.
- [41. PHYSIOLOGICAL ZOOLOGY.—I, (3 or 4). *Prerequisite:* Senior standing; three semesters of zoology. Elementary physiology recommended. Not given in 1944-1945. Associate Professor PROSSER.]
- [42. CELLULAR PHYSIOLOGY.—II, (4). *Prerequisite:* One year of zoology; one year of chemistry; senior standing. Not given in 1944-1945. Associate Professor PROSSER.]
- [43. ENDOCRINOLOGY.—I, (3). *Prerequisite:* Zoology 1 and 2; one year of chemistry, or consent of instructor. Not given in 1944-1945. Professor HARTMAN.]

### Courses for Graduates

NOTE:—Graduate students who choose physiology as a major must have at least two years of undergraduate work in physiology or physiological zoology, or three semesters in these studies in addition to biochemistry. Graduate students in other departments who choose physiology as a minor must have had at least one year of physiology or its equivalent or an undergraduate major in either chemistry or physics. A reading knowledge of German and French is required.

For a master's degree in the biological sciences, see page 243.

101. JOURNAL CLUB.—Review of literature. Continuous through I and II, ( $\frac{1}{4}$  unit). Members of the department.
102. RESEARCH.—S, I, and II, (1 to 2 units). Professor HARTMAN, Associate Professors BURGE and STEGGERDA, Assistant Professor TAYLOR.
103. EXPERIMENTAL PHYSIOLOGY.—Respiration, circulation, digestion, metabolism, excretion, secretion, glands of internal secretion, nervous system. I and II, ( $\frac{1}{2}$  to 1 unit). Associate Professors BURGE and STEGGERDA.
144. PHYSIOLOGY OF REPRODUCTION IN ANIMALS.—S, ( $\frac{1}{2}$  unit). Professor HARTMAN.



## COLLEGES IN CHICAGO

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THE COLLEGES OF MEDICINE, DENTISTRY, AND PHARMACY of the University of Illinois are located near the Cook County Hospital in the great medical center on the west side of Chicago. The work of these colleges, together with the related work in the Graduate School, is centralized in the Medical and Dental College Laboratories Building, facing on Polk, Wood, and Wolcott Streets. In this building are the administrative offices of the three colleges, their library, several museums, many classrooms and large laboratories for class work, numerous smaller laboratories for individual research projects, an autopsy amphitheater, a large surgical amphitheater, and the dental clinics.

Adjoining this building are the Research and Educational Hospital and the Illinois Surgical Institute for Children, both of which were operated by the State Department of Public Welfare until they were transferred to the University in 1941. Additional facilities for instruction and research are available in the Illinois Neuropsychiatric Institute, the Illinois Eye and Ear Infirmary, and the Institute for Juvenile Research, which are located on or near the campus and are operated jointly by the University and the Department of Public Welfare.

The Research and Educational Hospital, planned and built for teaching and investigation, with 400 beds, connects directly with the classrooms and laboratories of the three colleges. Each year nearly 6,000 patients, all charity cases, are admitted. The obstetrics department handles approximately 1,000 patients annually, seventy per cent in the hospital and the remainder cared for at home. There are seven surgical operating rooms, all with facilities for students, including a large amphitheater, seating nearly 200, completely equipped for all types of dental and medical surgery. There is also a well-equipped cancer clinic with a 400,000-volt therapeutic X-ray machine and an adequate supply of radium. The entire hospital is constantly in use for teaching, primarily of undergraduate medical students.

The Illinois Surgical Institute for Children, commonly called the Orthopaedic Institute, has beds for 130 patients, with complete equipment for physiotherapy and hydrotherapy. It has also a therapeutic pool, a solarium for ultra-violet treatment of patients in groups, school rooms, occupational therapy facilities, a recreational room, a large research laboratory, and a complete shop for manufacturing braces and plaster casts.

The Neuropsychiatric Institute, completed in 1940, has two separate divisions, one for neurological and one for psychiatric cases. Provision has been made for teaching in all sections, including out-patient service, wards, and a combination operating and lecture room. Extensive research facilities are also provided.

Under an agreement made in 1941, the Presbyterian Hospital, a neighboring institution with 450 beds, became affiliated with the University of Illinois. Members of its staff, who formerly were on the staff of Rush Medical School of the University of Chicago, were added to the clinical faculty of the College of Medicine.

The administration of the Illinois Eye and Ear Dispensary has been transferred to the University of Illinois. The very extensive facilities thus made available will be used primarily in specialty and graduate training but will also add materially to the undergraduate program.

Active teaching is being conducted also in the Cook County Hospital, the

Municipal Contagious Hospital, Grant Hospital, University Hospital, and St. Luke's Hospital. The Chicago Board of Health also provides facilities for the study of public health problems.

The Library contains a comprehensive collection of standard and modern works on medical, dental, and pharmaceutical subjects, including 70,000 volumes. About 700 periodicals are received currently.

Some matters of interest to students in all the Chicago departments of the University are presented below. For further description of the College of Medicine, see page 366; the College of Dentistry, page 393; the College of Pharmacy, page 406.

#### Accelerated Program of Instruction in the Chicago Colleges

Because of the great need for professionally trained men in the armed forces, the Chicago Colleges of the University of Illinois have eliminated the summer vacation period for the duration of the war. The accelerated program makes it possible for the average student to cover the entire course, whether in dentistry, medicine, pharmacy, or occupational therapy, in three years instead of four. The acceleration is being accomplished with no lowering of standards or requirements, but by changing from a semester plan to a quarter plan. Where the student formerly attended two semesters of sixteen weeks each (a total of thirty-two weeks in an academic year), he now attends four quarters of twelve weeks each (a total of forty-eight weeks in a calendar year). A new class will enroll October 1, 1945, and each fall thereafter.

#### Army and Navy Program

The University of Illinois has entered into agreements with the Army and Navy to reserve a share of the places in the medical and dental enrollments for training of men in uniform. At present 28 per cent of the places in the medical school are allotted to the Army, while the Navy has arranged for 25 per cent of the medical places and 20 per cent of those in dentistry.

Army and Navy men who are sent to dental or medical school receive the regular salaries and other privileges of enlisted men in the services. Tuition and laboratory fees are paid, and required books and equipment are provided by the Government.

#### Credit for Students Withdrawing for Wartime Service

A student who withdraws from any of the Chicago Colleges, in order to enter wartime service, after completing the fifth week and before completing the ninth week of any quarter, is entitled to receive, without examination, half credit for each course in which he then has a standing of "C" or better. If withdrawal occurs after the ninth week of the quarter, he is entitled to receive full credit for such courses. By special permission a student who withdraws for this purpose at any time may take examinations for full credit or half credit in any course in which he is registered.

A student who withdraws after the fifth week of the quarter may be recommended for his degree, provided he has been in residence for not less than three full quarters and has met all requirements for graduation except those which he would fulfill by completing the courses for which he is then registered, and provided he has a standing in these courses which if maintained to the end of the quarter would satisfy the requirements for his graduation. If withdrawal occurs before the completion of the fifth week of the quarter, the student may be recommended for his degree upon passing examinations covering the first half of the subject matter of the courses in which he is then registered.

#### Graduate Research Fellowships

In addition to the several research fellowships with annual stipends of \$1,200, provided by the Board of Trustees of the University, for graduate students in medicine, dentistry, and pharmacy, the following special fund is available:

*Charles R. Walgreen Fellowship.*—A gift of \$1,000 from Charles R. Walgreen, Jr., of Chicago, in 1943, provides a fellowship in pharmacy, in honor of his father.

### Recreational Facilities

The social and recreational activities of students are centered in the Chicago Illini Union Building, which includes a cafeteria, grill, soda fountain, browsing room, music room, gymnasium, meeting rooms, and game rooms. Intramural sports under a trained director are encouraged, and facilities and equipment are available for softball, touch football, horseshoes, tennis, archery, wrestling, fencing, badminton, basketball, handball, and ping pong. Through special arrangements, the swimming pools of the nearby Y.M.C.A. and Y.W.C.A. are available to students. In winter the cement tennis courts are flooded for ice skating. For the duration of the war the University is sponsoring a special program of physical training for the students in Chicago.

### Chicago College Organizations

The Chicago Illini Center, located in the LaSalle Hotel, is headquarters for the Chicago alumni of the University, and particularly for the alumni associations of the Colleges of Dentistry, Medicine, and Pharmacy.

*Alpha Omega Alpha.*—The international honorary medical fraternity, Alpha Omega Alpha, was founded in the College of Medicine in 1902. Third-year and fourth-year medical students whose grades rank them in the highest one-sixth of their class are eligible to membership.

*Omicron Kappa Upsilon.*—A chapter of Omicron Kappa Upsilon, national honorary dental fraternity, was organized in the College of Dentistry in 1928. Students completing the dental course with grades that rank them in the highest twelve per cent of their class are eligible to membership.

*Pharmaceutical Association.*—The Chicago Branch of the American Pharmaceutical Association holds its monthly meetings at the College of Pharmacy. Students of pharmacy are eligible to membership.

*Pi Kappa Epsilon.*—This is a national honorary medical fraternity to which members are elected on the basis of character, personality, and professional qualities.

*Rho Chi.*—Phi Chapter of Rho Chi, national honorary pharmaceutical society, is located at the College of Pharmacy. Students who have completed 115 quarter hours in the curriculum in pharmacy with an average grade of at least 4.0 are eligible for membership.

*Sigma Xi.*—In 1928 the Society of the Sigma Xi granted a charter for a chapter at the College of Medicine. Its purpose is the promotion of research.

# The College of Medicine

1853 West Polk Street, Chicago 12

THE COLLEGE OF MEDICINE WAS FIRST ESTABLISHED IN 1881 as a proprietary school, the College of Physicians and Surgeons of Chicago. It became affiliated with the University of Illinois in 1897, the name was officially changed in 1900 to the College of Medicine of the University of Illinois, and in 1913 all the property and the stock of the old institution were transferred to the University. For buildings and equipment, see page 363.

The curriculum in the College of Medicine is summarized on the following page. During the first two years the work is confined mainly to the fundamental sciences, and the time of the student is largely spent in the laboratory. During the first year he studies anatomy, histology, embryology, neurology, chemistry, pharmacology, and physiology. In the second year the study of pharmacology and physiology is continued, and in addition the student takes up bacteriology, pathology, laboratory diagnosis, physical diagnosis, and hygiene. Throughout the first two years there is definite correlation between the clinical and the preclinical courses, and a regular schedule of lectures by clinical instructors is followed in the courses in anatomy, physiology, and physiological chemistry, to give an understanding of the practical applications.

During the third and fourth years the time is devoted to the various clinical branches. In the dispensary the student examines the cases personally under the guidance of instructors and makes laboratory examinations for his own cases. Such examinations as the Wassermann reaction are made by the instructors, but the student has opportunity to repeat these and learn the technique.

Throughout the third year emphasis is laid on the acquisition of a thorough knowledge of clinical problems. There are didactic courses in surgery, medicine, pediatrics, obstetrics, urology, orthopaedics, and otolaryngology. In addition, the students attend clinics in each field and spend a large amount of time in dispensaries (surgery, obstetrics, urology, otolaryngology, orthopaedic surgery, dermatology, neurology, ophthalmology, pediatrics, and radiology). There is also a six-week clinical clerkship in medicine. Here the student spends on the average six hours daily in the laboratories and the wards of the Research and Educational Hospital, Cook County Hospital, and Presbyterian Hospital learning the fundamentals of diagnosis and treatment.

In the fourth year the emphasis is on the practical application of the fundamental concepts acquired throughout the preceding three years. In the dispensaries and wards, the student is given more responsibility although carefully supervised. The student has three six-week ward clerkships: internal medicine, obstetrics and gynecology, and pediatrics. There is a twelve-week clerkship in general surgery. During the obstetrics service, students attend deliveries within the hospital and accompany the out-patient resident for home deliveries. Each student has a two-week service at the Intensive Treatment Center observing the latest methods of handling venereal diseases. There is a one-week clerkship at the Municipal Contagious Hospital. The remaining time is spent in dispensaries or divided among clinics and laboratories studying such topics as surgical anatomy and tropical medicine.

The examinations at the end of the second and fourth years are of a comprehensive nature and may be either written or oral, or both.

The fifth year consists of twelve months of interne service in a hospital approved by the University. During the fourth year the students apply to the hospitals in which they wish to serve as internes and, if successful, sign contracts for the service desired. Research work may be submitted for the hospital work of the fifth year.

Students are prohibited from doing work that interferes in any way with the fulfillment of the requirements of the curriculum. Unofficial clinical work may not be substituted for the requirements of the curriculum.

## SUMMARY OF CLOCK HOURS IN THE COLLEGE OF MEDICINE

### First and Second Years

Subjects	First Quarter		Second Quarter		Third Quarter		Total
	Didactic	Laboratory	Didactic	Laboratory	Didactic	Laboratory	
<b>FIRST YEAR</b>							
Anatomy, including Histology, Embryology, and Neurology.....	58	141	64	160	58	132	613
Biological Chemistry.....	33	66	36	66	..	..	201
Physiology.....	..	..	..	..	44	57	101
Psychiatry.....	12	..	12	..	..	..	24
<i>Total</i> .....	103	207	112	226	102	189	939
<b>SECOND YEAR</b>							
Bacteriology.....	33	66	11	33	..	..	143
Hygiene.....	..	..	..	..	34	..	34
Medicine.....	..	..	..	..	12	..	12
Pathology, General.....	..	..	48	96	36	92	252
Pathology, Clinical.....	..	..	24	48	24	48	144
Pharmacology.....	44	22	33	22	..	..	121
Physiology.....	44	33	44	57	..	..	178
Physical Diagnosis.....	12	24	..	..	..	18	54
Psychiatry.....	..	..	12	..	12	..	24
Surgery.....	..	..	..	..	9	..	9
<i>Total</i> .....	133	145	172	256	127	158	971

### Third and Fourth Years

Subjects	Total Hours	
	Third Year	Fourth Year
Anatomy, Topographic.....	48	..
Anaesthesia.....	12	(Included in Surgery)
Autopsies and Pathology.....	60	..
Criminology and Psychiatry.....	56	30
Dermatology.....	56	24
Gynecology (including Obstetrics).....	..	324
Hygiene and Public Health.....	12	..
Jurisprudence.....	12	..
Laryngology, Rhinology, and Otology.....	60	..
Medical Sociology.....	12	..
Medicine.....	368	600
Neurology and Neurological Surgery.....	24	78
Obstetrics.....	104	(Included in Gynecology)
Ophthalmology.....	32	..
Orthopaedics.....	112	(Included in Surgery)
Pediatrics.....	36	264
Radiology.....	36	(Included in Medicine)
Stomatology.....	12	..
Surgery.....	320	600
Therapeutics.....	36	..
Urology.....	36	(Included in Surgery)
<i>Total</i> .....	1,444	1,920

For the *faculty* of the College of Medicine, see page 42; for *admission*, see pages 92 and 94; for *fees*, see page 103; for *scholarships*, see page 116; for *loan funds*, see page 119; for *college organizations*, see page 365.

### Occupational Therapy

Occupational therapy is a profession whose members utilize various physical and mental activities for remedial purposes under the direction of physicians. Graduation from an accredited course qualifies the therapist by examination for admission to the Register maintained by the American Occupational Therapy Association. The course of study, designed to meet the requirements of this profession's educational standards, as determined by the Council on Medical Education and Hospitals of the American Medical Association, is as follows:

The student registered on the Urbana campus for his first five semesters devotes his time to the study of basic cultural subjects; biological sciences, including anatomy, physiology, kinesiology, and psychology; and technical subjects, including arts and crafts and recreation. Eighty-five credits are so earned.

The last four semesters of the program are taken on the Chicago campus and in affiliated hospitals. Instruction in the clinical subjects is given by the members of the faculty of the College of Medicine; additional instruction and training is offered in Nursing, the Social Sciences, Group Work Activities, and other allied professional services. During the calendar year which the student spends on this campus, he will average eight hours a day at the college, dividing his time between study, lecture periods, and clinical experience, with emphasis on the latter. Four additional months are spent in affiliated hospitals, during which period the student devotes his full time to receiving clinical experience in a state mental hospital and a tuberculosis sanatorium. Approximately thirty-five additional semester hours are earned on the Chicago campus.

Examinations given on all subjects may be written, oral, or practical. Upon successful completion of this course, the student receives a Bachelor of Science degree and is eligible to take an examination for entrance into the Registry.

Because of the concentrated program, students are not permitted to engage in work that interferes in any way with the fulfillment of the requirements of the curriculum.

### Requirements for Graduation

A candidate for any degree in the College of Medicine must show evidence of good moral character, pay all indebtedness to the University, obtain passing grades in all courses of the required curriculum, and have grades of "C" or better in at least three-fourths of the total hours taken in the College of Medicine and counted for the degree.

*Bachelor of Science in Medicine.*—May be awarded to students who have completed the first two years of work in the College of Medicine.

*Certificate in Medicine or Bachelor of Medicine.*—On the completion of four years in attendance at an approved medical school, of which at least the last year must have been at the University of Illinois, the completion of the prescribed curriculum, and the passing of the comprehensive examinations required at the end of the fourth year, the student may be awarded a Certificate in Medicine, or if he wishes to pay the additional fee of \$10 he may elect to take the degree of Bachelor of Medicine. (For the duration of the war, such a student is eligible for the degree of Doctor of Medicine as stated in the following paragraph.)

*Doctor of Medicine.*—Awarded to students who have qualified for the Certificate in Medicine (see preceding paragraph) and who have completed satisfactorily an internship of not less than twelve months in a hospital approved by the University of Illinois, or a year of research work acceptable to the University. In 1941, by special action of the Board of Trustees of the University, the internship requirement was waived for the duration of the war, and the degree of Doctor of Medicine is now awarded instead of the Certificate of Medicine.

*Bachelor of Science in Occupational Therapy.*—Awarded on completion of a nine-semester curriculum, five semesters of which are taken on the Urbana campus and four on the Chicago campus and in affiliated hospitals. A minimum total of 180 quarter hours (120 semester hours) is required for graduation.

### Special Courses for Physicians

The College of Medicine offers a number of special courses for physicians, which are open to graduates of approved schools. Each course lasts one quarter, or sometimes a full year, and is designed to aid in meeting the requirements for specialization. The fee for each course is \$75 a quarter, plus laboratory and clinic fees. Where registrations are accepted for one-half a course or less, the tuition fee is \$50 a quarter. Members of the staff of the University and of Cook County Hospital and Morgue are permitted to attend the lectures in these courses without paying the tuition fee. Laboratory and clinic fees are determined for each individual registration on the basis of the cost of the materials involved. These courses are not accepted by the Graduate School for advanced degrees, and no grades are given. Descriptions of the courses appear under the various departments.

Short refresher courses for practicing physicians have also been offered from time to time, usually in the summer, each consisting of one or two weeks of special instruction, for a fee of \$10.

### Lectureships in Medicine

*World War Memorial Lectureship.*—The faculty, alumni, and students of the College of Medicine have established a fund to support a lectureship in commemoration of those who lost their lives in the first World War. At least one lecture is delivered each year by a prominent educator on a subject of general medical interest.

*Gehrmann Lectureship.*—In 1924, in accordance with the will of Mrs. Albertina Gehrmann, widow of Dr. Adolph Gehrmann, for many years Professor of Bacteriology and Hygiene in the College of Medicine, the sum of \$10,000 was given for the support of an annual lectureship in memory of Dr. Gehrmann.

*Bacon Lectureship.*—In 1927, when Dr. Charles S. Bacon was made Professor of Obstetrics, *Emeritus*, members of the faculty and friends contributed the sum of \$5,000 to found the Charles S. Bacon Lectureship in Obstetrics. The income from this fund is used for special lectures each year.

*Sachs Residency.*—In 1930 the Chicago Tuberculosis Institute established in the College of Medicine the Theodore B. Sachs Residency in tuberculosis and allied diseases.

*Hedblom Lectureship.*—In 1938 the Phi Beta Pi medical fraternity contributed a fund to establish an annual lectureship in honor of Dr. Carl Hedblom, who until his death was Professor of Surgery and Head of the Department.

*Davis Lectureship.*—The inauguration of the D. J. Davis Lectureship on Medical History was held on October 15, 1943. These lectures will be maintained by interest on the funds subscribed by friends and associates of Dr. Davis, Professor of Pathology and Dean of the College of Medicine, *Emeritus*.

### Prizes in Medicine

*Alpha Omega Alpha Membership Awards.*—Third-year and fourth-year medical students whose grades rank them in the highest one-sixth of their class are awarded membership in Alpha Omega Alpha, international honorary medical fraternity.

*Baumont Memorial Prize.*—The late Dr. Frank Smithies, of Chicago, endowed an annual prize in memory of William Beaumont, the famous surgeon of the nineteenth century. The prize is awarded to the student or faculty member of the College of Medicine who submits the best original work on diseases of the alimentary tract.

*Deuss Memorial Prize.*—A prize of \$100, established by Dr. and Mrs. H. O. Deuss as a memorial to their son James Burkett Deuss, is given in alternate years for the best contribution in the field of allergy by any registered student or member of the faculty of the College of Medicine.

*Sigma Xi Prize.*—A prize of \$25 is awarded annually by the Society of the Sigma Xi for the best piece of scientific investigation on the part of any student in the College of Dentistry, the College of Medicine, or the Chicago departments of the Graduate School, who is without a salaried appointment by the University.

## COURSES OFFERED IN THE COLLEGE OF MEDICINE

NOTE: The following list of courses is in alphabetic order of departments. Names of staff members in each department are listed by rank according to their appointments for 1944-1945, and by seniority of appointment within each rank, except the head of the department who is listed first. The courses offered in each department are listed numerically. In the description of each course the Roman numerals I, II, and III indicate the first, second, and third quarters, and the periods of time required each week apply to the whole quarter unless the number of weeks is stated. Each course that was not given in the current year is enclosed in brackets. Credit is calculated in clock hours except in courses for graduate students which show the units of credit in parenthesis.

*A circular announcing courses to be offered in the coming year, and including other information for prospective students, may be obtained by addressing the Dean of the College of Medicine, 1853 West Polk Street, Chicago 12.*

### ANATOMY

*Professors:* KAMPMEIER (Head of Department), VON BONIN, ZIMMERMANN.

*Associate Professors:* COOPER, JORANSON (Emeritus), WEBB, SIMER.

*Assistant Professors:* ZECHEL, KREHBIEL, PLAGGE.

*Instructors:* STEIN,<sup>1</sup> FISCH, FOURNIER, GLASSMAN,<sup>1</sup> SHALLA, BURROWS.

*Assistants:* WHITE (Emerita), COHEN.

*Cooperating:* Professor F. H. FALLS, Associate Professors A. VERBRUGHEN, H. L. BAKER, Assistant Professor T. J. WACHOWSKI, Dr. C. IRENEUS, Jr., Dr. J. B. TETON.

#### Required Courses—First Year

- 1-4. HUMAN ANATOMY.—To insure greater correlation and unity in presentation of the subject matter, the following major divisions are merged into a single course extending continuously throughout three quarters. Credit toward graduation is not allowed for any one quarter separately. The total time, 600 hours (including final examinations) is apportioned approximately as follows: regional and systematic anatomy, 260 hours; histology, 140 hours; embryology (including histogenesis), 100 hours; neurology (including sense organs), 100 hours. One hour each week during the three quarters (33 hours total for the year) is set aside for introductory clinical demonstrations presented by selected members of the several clinical departments, and designed to illustrate the applications of anatomical knowledge in medical and surgical practice. Approximately three-fourths of the time of the course is given to laboratory work, and the remaining one-fourth to lectures, demonstrations, and quizzes. Professors KAMPMEIER and VON BONIN, Associate Professors COOPER, WEBB, and SIMER, Assistant Professors KREHBIEL and PLAGGE, (Assistant Professor WACHOWSKI cooperating in Röntgen anatomy).

#### Required Courses—Third Year

30. CLINICAL ANATOMY.—Redissection of the body, stressing the topography and relations of the various regions and organs, as displayed by incisions, window dissections, and transections; intimate correlation of subject matter with clinical conditions and procedure. One 4-hour period each week throughout one quarter. (Given each quarter to one-third of the class.) Assistant Professor ZECHEL, Dr. BURROWS, Dr. SHALLA, Dr. FOURNIER, Dr. IRENEUS, and others.

#### Required Courses—Fourth Year

67. OBSTETRICAL AND GYNECOLOGICAL ANATOMY.—(For content of course, see page 383). Professor FALLS, Dr. TETON.

<sup>1</sup>On leave of absence for war service.



### Elective Courses

50. **MICROSCOPICAL TECHNIC.**—Preparation of tissues for study; methods of maceration, decalcification, injection, corrosion, preservation, fixation, embedding, sectioning, staining, clearing, mounting, etc. One 2-hour period each week. I, II, and III. Registration limited. Professor KAMPMEIER, Assistant Professor KREHBIEL, and others.
52. **COMPARATIVE NEUROLOGY.**—A comparative study of the morphology of the central nervous system, particularly of those animals in the phylogenetic line leading to man; a consideration also of related problems in comparative embryology, physiology, and psychology in their bearing on clinical neurology. Two 1-hour periods each week during one quarter. I. Professor VON BONIN.
53. **PREPARATIONS FOR ANATOMICAL MUSEUM.**—The creation of special dissections, reconstructions, models, and demonstration specimens for the anatomical teaching collection, requiring skill, ingenuity, neatness, and accuracy in execution. Two 2-hour periods each week during any one quarter. Limited to two or three qualified students. Professor KAMPMEIER, Associate Professor COOPER, and others.
54. **PHYSICAL ANTHROPOLOGY.**—Phylogeny of human races; anthropometry of living and skeletal material; anthropogeography; racial physiology and pathology; growth of populations and racial distributions of modern man; social anthropology; racial psychology and eugenics. Two 2-hour periods each week. I. Professor VON BONIN.
- [80. **DISSECTION.**—In this course opportunity is given for a complete redissection of the human body during any two successive quarters. The course can not be taken for credit, and is open only to students of the second to the fifth year, inclusive. The course provides for no formal instruction, but strict supervision is maintained to ensure the proper use of the material. Four students are assigned to a body. The department reserves the right to limit, when necessary, the total number of students taking the course. Every student wishing to enroll must apply personally to the head of the department before approval may be given. No student will be accepted unless he can give to this work at least 8 hours per week throughout two quarters. The fee for each student is \$25. Due to the present shortage of human material for dissection, this course is suspended indefinitely.]
- SEMINAR.**—Critical reviews of recent anatomical literature; preparation of bibliographies and of scientific papers for publication; presentation and discussion of the results of investigations.

### Special Courses for Physicians

90. **DISSECTION.**—This course for physicians and surgeons provides for complete or partial dissection of the human cadaver. Two students will be assigned to each cadaver. The number of applicants taken is limited, depending on the material and the laboratory space available. Special instruction is given only if four or more persons are taking the course at the same time, and if they arrange for such instruction. For fees, see page 369. *Note:* Physicians and surgeons who are members of the staff of the College of Medicine have the privilege of dissection in the Department of Anatomy after payment of a fee covering the cost of the material. Professor KAMPMEIER, Associate Professor COOPER.

### Courses for Graduate Students

101. **ADVANCED ANATOMY.**—The work may take the direction either of macroscopic or of microscopic anatomy, or both, according to the student's major problem: in macroscopic anatomy, a detailed redissection of the human body, or any of its parts; in microscopic anatomy (embryology, cytology, histology, etc.), a consideration of morphological changes in the organism which are directly correlated with normal processes, such as reproduction, differentiation; nutrition, growth, variation, regulation, regeneration, activity, secretion, rest, fatigue, senility. (Work in the laboratory for tissue culture in association with Associate Professor SIMER and Assistant Professor ZECHEL.) Course designed for students choosing anatomy as a minor, and for students preparing for individual

- research in anatomy. (*1 to 2 units*). Professors KAMPMEIER, VON BONIN, and ZIMMERMANN, Associate Professors WEBB and SIMER, Assistant Professor KREHBIEL.
103. INDIVIDUAL RESEARCH.—In embryology, cytology and histology, neurology, anthropology and biometrics, experimental morphology, functional and applied anatomy. (*1 to 3 units*). Professors KAMPMEIER, VON BONIN, and ZIMMERMANN, Associate Professors WEBB and SIMER, Assistant Professor KREHBIEL.

## BACTERIOLOGY AND PUBLIC HEALTH

*Professors:* NOVAK (Head of Department).

*Associate Professors:* KRONENBERG, SHAUGHNESSY.

*Assistant Professors:* HULL, McDANIELS,<sup>1</sup> BAYLISS,<sup>1</sup> ROSENTHAL,<sup>1</sup> PISZCZEK, ORDAL, FORSTER.

*Associates:* KLASSEN,<sup>1</sup> MEYER.

*Instructors:* MUSSON,<sup>1</sup> VICHER,<sup>1</sup> METZGER, MORSE, McCAFFREY, RUBIN.

*Assistants:* RHODES, SVEC, GERBER,<sup>2</sup> NAAB,<sup>2</sup> FRIEWER, SCHWARZENDRUBER.

*Cooperating:* Members of the Illinois State Department of Public Health.

NOTE: The course in bacteriology is offered at the beginning of the second year. Instruction is based upon a study of fundamental principles involving morphology, physiology, and distribution of bacteria and related organisms. Following a brief study of representative members of nonpathogenic and useful species, the student is introduced to harmful bacteria and the nature of the diseases which they produce together with immunological and serological considerations. Pathogenic fungi, protozoa, and viruses are included in this beginning course, including those species responsible for tropical diseases. Especial emphasis is placed on the ubiquitous nature of bacteria so that the student can more readily comprehend epidemiological problems and the host-parasite relationship in subsequent courses. A study of preventive medicine and hygiene follows in natural sequence and is partly correlated with the beginning course. Practical aspects of sanitary science and the control of communicable diseases is emphasized as they are related to public health practice. During the third year, the student is introduced to the field of industrial hygiene which is taught as a separate entity. The public health course for juniors conveys to the student the purpose and functions of the Illinois Department of Public Health. Especial emphasis is placed on the relationship between the practicing physician and health departments.

### Required Courses—Second Year

1. GENERAL BACTERIOLOGY AND PROTOZOLOGY.—Lectures, demonstrations, and laboratory. Nine hours each week, I; four hours each week, II. Professor NOVAK, Assistant Professor ORDAL, Dr. MEYER, and others.
2. PREVENTIVE MEDICINE.—General principles of prevention of disease. Epidemiology. Three hours each week. III. Professor NOVAK, Associate Professor SHAUGHNESSY, Assistant Professors ORDAL and PISZCZEK, and others.

### Required Courses—Third Year

11. INDUSTRIAL HYGIENE.—Industrial and occupational diseases. One hour each week. III. Associate Professor KRONENBERG and others.
50. PUBLIC HEALTH.—Functions of departments of health and their relationship to practicing physicians. One hour each week. I and II. Professor NOVAK, Associate Professor SHAUGHNESSY, and others.

### Elective Courses

(Open only to properly qualified students. Time to be arranged.)

71. ADVANCED BACTERIOLOGY AND RESEARCH.—Professor NOVAK.
72. INDUSTRIAL HYGIENE.—(Minimum ten students). Associate Professor KRONENBERG.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.

73. **INTRODUCTORY COURSE IN PUBLIC HEALTH.**—General survey of the field of public health practice, including vital statistics, epidemiology, sanitary science, general and specific methods of controlling communicable diseases, and a study of public health practice, duties, requirements, and functions of medical public health officers. Thirty-two lectures. Elective for third-year and fourth-year students. II. Professor NOVAK.
74. **ADVANCED WORK IN PUBLIC HEALTH.**—Professor NOVAK.
75. **BLOOD BANKS AND BLOOD TRANSFUSION TECHNIQUE.**—Basis for blood groups, accessory antigenic factors, laboratory tests for compatibility and sources of errors, selection of donors, methods of blood and plasma preservation, maintenance of a blood and plasma bank, and medico-legal aspects. Lectures, demonstrations, and laboratory work. Two hours each week. II. Professor NOVAK.

**SEMINAR AND LITERATURE REVIEW.**—Regular weekly meetings are held to discuss timely subject material and recent research contributions. Each graduate student is required to present one seminar per quarter. Critical literature reviews are conducted by senior staff members. Attendance is required of all graduate students.

#### Courses for Graduate Students

101. **ADVANCED BACTERIOLOGY.**—(1 to 3 units). Professor NOVAK, Associate Professor SHAUGHNESSY.
103. **INDIVIDUAL RESEARCH.**—(1 to 3 units). Professor NOVAK, Associate Professor SHAUGHNESSY.

### BIOLOGICAL CHEMISTRY

*Professors:* WELKER (Head of Department).

*Associate Professors:* BERGEIM.

*Assistant Professors:* COLE, JOHNSON, KLEIN, HORWITT.

*Instructors:* ROBBINS.

*Assistants:* NOBE.

*Cooperating:* Professor R. W. KEETON.

#### Required Courses—First Year

1. **CHEMISTRY OF CELL CONSTITUENTS.**—Physical and chemical properties of solutions; chemistry of carbohydrates, lipides, and proteins; enzymes and digestion. Lectures, demonstrations, conferences, and laboratory. Nine hours each week. I. Professor WELKER and others.
2. **METABOLISM.**—Chemistry of bile, blood, milk, and tissues; chemistry of urine (qualitative and quantitative). Lectures, demonstrations, conferences, and laboratory. Nine hours each week. II. Professor WELKER and others. (*Note:* Approximately eight hours of the lectures will be delivered by Professor KEETON, of the Department of Medicine, to correlate the work in Biological Chemistry with Medicine.)

#### Elective Courses

(Open to qualified students. Time to be arranged.)

60. **SPECIAL TOPICS IN BIOCHEMISTRY.**—Blood analysis; vitamin studies; methods and clinical significance. I or II. Associate Professor BERGEIM.
61. **PHYSICAL AND COLLOID CHEMISTRY.**—Elements of physical and colloid chemistry and their application to biology and medicine, with emphasis on the chemistry of proteins. I or II. Assistant Professor COLE.
62. **PROTEINS.**—Methods of preparation of pure proteins and study of their immunological and chemical properties. I, II, and III. Professor WELKER.
- RESEARCH.**—The laboratories are open to persons with the requisite training for the conduct of original investigations under direction of members of the staff.
- BIOCHEMICAL SEMINAR.**—The members of the teaching staff, graduate students, and others working in the field of biochemistry meet weekly to present and discuss the results of their own investigations, as well as to summarize some of the important advances in the field.

### Courses for Graduate Students

101. **ADVANCED BIOLOGICAL CHEMISTRY.**—Biochemical methods of research, biological colloids, enzyme action, and metabolism. (*1 or 2 units*). Professor WELKER, Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON.
102. **METALLURGICAL RESEARCH.**—(*1 or 2 units*). Professor WELKER.
103. **BIOCHEMICAL RESEARCH.**—(*1 or 2 units*). Professor WELKER, Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON.

### CRIMINOLOGY, SOCIAL HYGIENE, AND MEDICAL JURISPRUDENCE

*Professors:* SCHROEDER<sup>1</sup> (Head of Department), YARROS (Emerita).

*Associate Professors:* JENKINS (Acting Head of Department), MOHR, FRENCH, DARROW.

*Assistant Professors:* BARRICK, FALSTEIN,<sup>1</sup> A. M. JOHNSON.

*Associates:* WEINFELD,<sup>1</sup> SUKOV,<sup>1</sup> Y. S. JOHNSON, PERCE, SLOMAN.

*Lecturers:* BRANDON, LINCK.

*Instructors:* GOLDBERG, ANGRES.

*Assistants:* DUBNER, PASCHKES.

*Cooperating:* Professor F. J. GERTY, Assistant Professors S. A. SZUREK,<sup>1</sup> B. C. BOSSELMAN, and I. C. SHERMAN.

NOTE: The study of the emotional and behavior problems of children began in the United States with the work of Dr. William Healy in the Juvenile Court of Cook County, with the early emphasis on the prevention of delinquency. For this historical reason the courses in child psychiatry were developed and have remained in this Department. In cooperation with the Department of Psychiatry, it presents as its major curriculum, courses in the pathology, etiology, and treatment of the psychiatric problems of childhood and adolescence, including also those problems which because of their social characteristics are classified as delinquency. Attention is given to the biological and social factors operating in the disturbances of juvenile behavior, and the symptomatology is described and discussed.

The Department concerns itself also with the clinical and administrative problems of juvenile and adult criminality, the legal implications of medicine and medical ethics, the sociological problems which surround medical cases and which are a part of the physician's responsibility to the family and to the community.

#### Required Courses—First Year

1. **GENERAL INTRODUCTORY LECTURES IN PSYCHIATRY.**—Same as Psychiatry 1. (a) Orientation, (b) biological basis of personality, (c) psychiatric psychology. One hour each week. I and II. Professor GERTY.

#### Required Courses—Second Year

5. **CHILD PSYCHIATRY.**—Same as Psychiatry 5. One hour each week. I, II, and III. Associate Professor MOHR, Assistant Professor JOHNSON.

#### Required Courses—Third Year

- 10a. **CLINICAL DESCRIPTIVE PSYCHIATRY.**—Two hours each week. I, II, and III. Assistant Professor BOSSELMAN.
- [10b. **CRIMINOLOGY.**—Study of the personality of offenders against the law, with special reference to the aspects of crime. For the duration of the war emergency, this course will be devoted to a discussion of disturbances of behavior and adjustment which might interfere with the war effort. Such disturbances include neurotic types which are strictly medical problems and the psychopathic and sociopathic reactions which become military administrative problems. One hour each week. II. Not given in 1944-1945. Professor SCHROEDER, Assistant Professor BARRICK, Dr. GOLDBERG.]

<sup>1</sup>On leave of absence for war service.

12. CLERKSHIP.—Same as Psychiatry 12 with which it is integrated. Clinical instruction in examination of children and dealing with parents and their problems as they affect the child. Ten 2-hour periods for one week in the clinic. I, II, and III. Associate Professors JENKINS and DARROW, Dr. SLOMAN, Mrs. PERCE, and others.

#### Required Courses—Fourth Year

50. MEDICAL JURISPRUDENCE.—One hour each week for twelve weeks. I. Mrs. JOHNSON.  
 [51. SUPERVISED CASE STUDY AND CONFERENCE ON DISPENSARY PATIENTS IN PEDIATRIC DISPENSARY.—Same as Pediatrics 51. Correlation of personality makeup and intelligence with disease process. Research and Educational Hospital. Two 2-hour periods each week for two weeks. I, II, and III. Not given in 1944-1945. Associate Professors MOHR and JENKINS.]  
 55. MEDICAL SOCIOLOGY.—General outline of social services which form a part of the general practice of medicine. One hour each week for twelve weeks. I or II. Associate Professor JENKINS.

#### Elective Courses—Fourth Year

- [70. EMOTIONAL DISTURBANCES OF INFANCY AND CHILDHOOD.—Symptoms, prophylaxis, and treatment. Case presentations and discussions. One hour each week for the first six weeks. II. Open only to students who have taken the required courses of the second and third years, or by arrangement with the instructor. Not given in 1944-1945. Associate Professor MOHR.]  
 [71. EMOTIONAL DISTURBANCES OF ADOLESCENCE.—Normal and pathological phenomena in the personality of the pubertal and post-pubertal child. Case presentations and discussions. One hour each week for the second six weeks. II. *Prerequisite*: Criminology, Social Hygiene, and Medical Jurisprudence 70. Open only to students who have taken the required courses of the second and third years, or by arrangement with the instructor. Not given in 1944-1945. Assistant Professor JOHNSON.]  
 [72a. JUVENILE DELINQUENCY.—Historical discussion of the theories of delinquency and a consideration of the contemporary diagnostic, therapeutic, and administrative factors. One hour each week for six weeks. I. Not given in 1944-1945.]  
 [72b. ADULT DELINQUENCY.—Individualization in treatment of adult offenders. A study of personality and the determinants of deviations in behavior with respect to the relationships within the situation of the individual. Synthesis is attempted through a system of classification according to personality type, etiology, prognosis, and the indicated therapy. One hour each week. I. Not given in 1944-1945. Assistant Professor BARRICK.]  
 [73. CRIMINAL IDENTIFICATION.—Application of physical structure and functions in identification of criminals. One hour each week for six weeks. I. Not given in 1944-1945.]  
 [74. HOSPITAL ORGANIZATION AND ADMINISTRATION.—One hour each week for six weeks. I. Not given in 1944-1945.]  
 [75. INTRODUCTION TO PUBLIC WELFARE ADMINISTRATION.—One hour each week for six weeks. I. Not given in 1944-1945. Mr. BRANDON.]  
 [76. PSYCHOLOGY OF NEUROTIC BEHAVIOR.—Discussion of the dynamics of disturbances in the functioning of the personality as illustrated in case histories. One hour each week. II. Not given in 1944-1945. Associate Professor FRENCH and others.]

#### Special Courses for Physicians

90. LECTURES AND CONFERENCES.—The treatment of behavior problems in children may be a function of the pediatrician and the general practitioner. This course is designed to meet the needs of the physician in the recognition and treatment of such problems. The course will consist of an organized program of case presentations followed by discussions dealing with behavior disorders as a symptom of organic disease, the recognition and management of mental deficiency, problems of habit training (bed-wetting, anorexia, etc.), behavior disorders due to unhealthy parent-child relationships, and delinquency. Eight evening meetings. Hours to be arranged. For fees, see page 369.  
 90a. CLINICAL COURSE.—Analysis and treatment of behavior problems in children under supervision in the clinic of the Institute for Juvenile Research. *Prerequisite or concurrent*: Criminology, Social Hygiene, and Medical Jurisprudence 90. Duration, four months. Six hours weekly to be arranged. For fees, see page 369.

### Courses for Graduate Students

101. RESEARCH IN JUVENILE BEHAVIOR.—(1 to 3 units). Professor SCHROEDER.
102. ADVANCED WORK IN JUVENILE BEHAVIOR.—(1 to 3 units). Professor SCHROEDER.
103. SPECIAL ABILITIES AND DISABILITIES.—(1 or 2 units).
104. PSYCHOLOGICAL TESTS.—(1 or 2 units).
105. PSYCHOLOGY OF BEHAVIOR PROBLEMS.—(1 or 2 units).
106. FIELD WORK IN CRIMINOLOGY.—(1 to 3 units). Professor SCHROEDER.

### DERMATOLOGY

*Professors:* SENEAR (Head of Department), ORMSBY (Emeritus), MITCHELL.

*Associate Professors:* CORNBLEET, WEBER, CARO, EBERT, FINNERUD.

*Assistant Professors:* PERLSTEIN.

*Associates:* FORD,<sup>1</sup> SCHORR, SHELLLOW,<sup>1</sup> WEBSTER,<sup>1</sup> HETREED,<sup>1</sup> ROLL.

*Instructors:* GRIFFITH,<sup>1</sup> HECHT,<sup>2</sup> NEUHAUSER, WAISMAN,<sup>1</sup> WALSH,<sup>1</sup> D. V. OMENS, SKOLNIK, SLEPYAN,<sup>1</sup> WEICHSELBAUM, CRAIG, TAVS.

*Assistants:* H. D. OMENS, SCULL, STUBENRAUCH, BOSWELL, BUCHHOLZ.

#### Required Courses—Third Year

10. DIDACTIC LECTURES ON DERMATOLOGY AND SYPHILIS.—Lectures, lantern slides, and demonstrations. One hour each week. Continuous through I, II, and III. Professor SENEAR, Associate Professors CORNBLEET and CARO.
31. DISPENSARY.—Five 2-hour periods for two weeks. I, II, and III. Professor SENEAR and others.

#### Required Courses—Fourth Year

50. CLINIC.—Case demonstrations with patients from Research and Educational and Cook County Hospitals. One hour each week. Continuous through I, II, and III. Professor SENEAR, Associate Professor CORNBLEET.

### Courses for Graduate Students

101. RESEARCH IN DERMATOLOGY.—(1 to 3 units). Professor SENEAR.

### LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY

*Professors:* LEDERER<sup>1</sup> (Head of Department), PIERCE (Emeritus), HAYDEN, SHAMBAUGH (Emeritus).

*Associate Professors:* BRUNNER, CURRY, HOLLENDER.

*Assistant Professors:* J. J. THEOBALD, W. H. THEOBALD, SHAPIRO, CAMPBELL,<sup>1</sup> CHAINSKI, DOUGHERTY, SCOTT, VAN ALYEA, WALLNER,<sup>1</sup> WATKINS, HOLINGER, FOX, LIVINGSTON, SPIESMAN, MORWITZ, FABRICANT.

*Associates:* BREDLAW, FRIEDBERG,<sup>1</sup> STRAUSS, SNITMAN, COOMBS, HARNED,<sup>1</sup> BLUMKLOTZ, DINOLT,<sup>1</sup>

*Instructors:* ANDREWS,<sup>1</sup> SCHOOLMAN,<sup>1</sup> SAVITT, WALL,<sup>1</sup> BECKER, FEINBERG,<sup>1</sup> GALE, PELLETTIERE.

*Assistants:* LEWY,<sup>1</sup> CUTLER, HOELTGEN, RIGBY, P. W. THEOBALD, SPRINGER, ANDERSON.

NOTE: The required courses in otolaryngology are so arranged that didactic instruction precedes the practical application of the specialty, at all times stressing its relation to general medicine. In the third year the student is given fundamental instruction in the basic principles by means of formal lectures, augmented by informal conferences in small groups, and an opportunity to apply the principles of diagnosis and treatment. This is carried out in the out-patient department by means of clinics designed to present the more common types of otolaryngologic affections and in dispensary service wherein he is taught individually and directly from patient contact.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Deceased September 16, 1944.

**Required Courses—Third Year**

10. NOSE, PARANASAL SINUSES, AND PHARYNX.—Surgical anatomy, physiology, pathology, and treatment. One hour each week. I. Associate Professor HOLLENDER, Dr. SNITMAN.
11. EAR AND LARYNX.—Surgical anatomy, applied pathology, and treatment. One hour each week. II and III. Associate Professor HOLLENDER, Assistant Professor HOLINGER, Dr. SNITMAN.
13. DISPENSARY.—Research and Educational Hospital. Six 2-hour periods during two weeks. I, II, and III. Associate Professor HOLLENDER and others.

**Elective Courses—Fourth Year**

50. CLINICAL OTOLARYNGOLOGY.—Cases of interest are presented to groups of students serving as clerks to illustrate the practical points in diagnosis. Indications for treatment and operation are discussed. Research and Educational Hospital. One 1-hour period each week. I, II, and III. Associate Professor HOLLENDER, Dr. SNITMAN, and others.
72. SEMINAR IN OTOLARYNGOLOGY.—Presentation and discussion of clinical cases; critical review of results of investigations and current literature. Weekly conferences. Associate Professor HOLLENDER.
73. OTOLARYNGOLOGIC PATHOLOGY.—Presentation and group study of histology and current pathologic material. Weekly conferences. Associate Professor BRUNNER, Dr. SNITMAN, and others.

**Special Courses for Physicians**

NOTE: The following courses may be registered for individually or in groups, the time being arranged with the instructors. More hours may be arranged by consent of the instructors. Applicants must be graduates of a Class A medical school and present credentials acceptable to the head of the department. For fees, see page 369.

90. POSTGRADUATE BASIC COURSE.—Provides a full-time basic course of instruction for those intending to prepare themselves for special practice. Duration eight months (may be extended for twelve months by adding a four-month period of clinical work), 9 a.m. to 4 p.m. Registration third Monday in September and January.
  - (a) PRINCIPLES OF OTORHINOLARYNGOLOGY.—Lectures, demonstrations, cadaver dissection, surgical anatomy, dog surgery, physiology, laboratory and photographic technic, histology and pathology, and seminars. Duration four months.
  - (b) PRACTICE OF OTORHINOLARYNGOLOGY.—Continuance of emphasis on morphology and physiology; study of pathology, diagnosis, and treatment in out-patient department, clinics, and bedside. Duration four months.
  - (c) BRONCHOSOPHAGOLOGY.—May be taken separately by accredited specialists on arrangement with the Examiner and Recorder and the Head of the Department. This includes indirect and direct laryngoscopy, bronchoscopy, and esophagoscopy. The work consists of lectures, dog work, and actual experience in the bronchoscopic operating room and out-patient clinics. Duration: didactic and laboratory, three weeks; hospital service, four weeks. Assistant Professor HOLINGER.
  - (d) PLASTIC SURGERY.—Preparation of moulages, cadaver demonstrations, and lectures.
  - (e) REFRESHER COURSE.—A brief review course of one to two weeks duration covering the more important subjects of the specialty. Largely didactic. Held once or twice during the year as conditions warrant.
91. CLINICAL SPECIALIST COURSE.—Designed to present standardized methods in diagnosis and the problems of treatment based on the pathological findings of cases in the ambulatory clinics of the Research and Educational Hospital. Taking of case histories, methods of examinations, special anatomy (optional), gross pathology, and indications for treatment and operation are stressed. The work is done for the most part independently under proper supervision and direction. An effort is made to assist specialists in some of the more difficult phases of their clinical work by practical demonstrations. The course extends over a

period of four months and is given three times a year. Hours: 10:00 a.m. to 12:00 m. and 2:00 to 4:00 p.m., six days a week. Associate Professor HOLLENDER and others.

92. **EXTENSION COURSE.**—Primarily for physicians engaged in general practice. Methods of examination, diagnosis, and the relation of the specialty to general practice. Periods of instruction to be arranged for in groups.

### Courses for Graduate Students

101. **RESEARCH IN LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY.**—Special science work, enabling those so desiring to do productive research in the specialty or to prepare themselves for teaching. (*1 to 3 units*).

## MEDICAL ILLUSTRATION

*Professors:* JONES.

*Associates:* MASON.

### Elective Courses—Third and Fourth Years

50. **MEDICAL ILLUSTRATION.**—Beginners' course designed for medical students and graduates who desire to improve their ability to sketch and make graphic records in their practice and research. The work consists in drawing medical subjects of various kinds from life, making of graphs and charts, lettering, perspective and use of crayon, pen and ink, wash and water color. Principles of medical photography and making of lantern slides, etc. Two 2-hour periods each week. I, II, and III. Limited to five students. Professor JONES.

### Special Courses for Non-Medical Students

90. **MEDICAL ILLUSTRATION.**—Offered for artists who desire to make a profession of scientific illustration in the field of medicine. The length of the course is two years and students will work in the illustration studios with the staff artists. The first year of work is divided about equally between a course in gross anatomy (during which an entire body is dissected) and work in the studios. Here the student makes detailed drawings of bones and normal organs and studies technique of various media such as wash, crayon, pen and ink, and water color as well as lettering and making of graphs and charts. The work of the second year covers the various phases of illustrative work for publication and teaching in anatomy, surgery, pathology, etc. Design is emphasized and accurate observation is practiced in operating room and autopsy amphitheatre. During the course the students will have ample opportunity to learn the preparation of lay and scientific exhibits. Candidates for the course must present evidence of thorough art training as well as a sound general scholastic record, with work in premedical subjects preferred. Except in unusual cases applications must be made in person. Limited to six students. Hours 9:00 a.m. to 5:00 p.m. Monday to Friday inclusive. Fee for each quarter, \$33, plus laboratory fees.

## MEDICINE

*Professors:* KEETON (Head of Department), TICE (Emeritus), S. STRAUSS, SLOAN, BROWN, GATEWOOD, HERRICK (Emeritus), IRONS, W. E. POST, WOODYATT, FOLEY, E. B. FREILICH, KELLY, MEYER, THOMAS, THOMPSON, ARKIN.

*Associate Professors:* CHAUVET, MOORE (Emeritus), GOLDBERG, PERLSTEIN, LUSK,<sup>1</sup> CAMPBELL, FORAN, HIBBS, Y. N. LEVINSON, McNALLY, MILLER, PERNOKIS,<sup>1</sup> PORTIS, SHEAFF, TRIMMER, WALSH,<sup>1</sup> BIRCH, EYERLY, RABENS, RAGINS, TRAUT.

*Assistant Professors:* WILSON (Emeritus), CIPRIANI, PROPST, VANDER-KLOOT, STREICHER, DEUSS, DALITSCH,<sup>1</sup> HICK,<sup>1</sup> FELDMAN, LUETH,<sup>1</sup> LIMARZI, ANTHONY, CARTER, FISHBEIN, FREDRICKSON (Emeritus),

<sup>1</sup>On leave of absence for war service.



H. H. FREILICH, GRAY,<sup>1</sup> HILKEVITCH, JOHANNESSEN, KNIGHT, LICHTENSTEIN,<sup>1</sup> LUNDY,<sup>1</sup> SERBY, E. K. STRAUS, WOOD, WOODRUFF,<sup>1</sup> KOBAK, RAPPAPORT, LENDRUM, LEE, AMTMAN, BOIKAN, BUTLER, GARDINER, KENDRICK, ROSENBLUM, TREIGER, STEIGMANN.<sup>1</sup>

*Associates:* GOLDWASSER, KLEMPNER, BECKER, AFREMOW,<sup>1</sup> JONES,<sup>1</sup> ROBERG,<sup>1</sup> DARLING, AARONSON,<sup>1</sup> BACON, BAIRD, BARTON,<sup>1</sup> BENNETT,<sup>1</sup> BERNSTEIN,<sup>1</sup> BREUHAUS,<sup>1</sup> BROWNSTEIN,<sup>1</sup> DREYER,<sup>1</sup> GETHNER, GOUWENS, HOOVER,<sup>2</sup> KAPLAN,<sup>1</sup> KIRBY,<sup>1</sup> LANG, LEVY, PETERSON,<sup>1</sup> SIMA, M. SIMKIN, W. SIMKIN, STUPPY,<sup>1</sup> TAYLOR, TURNER,<sup>1</sup> J. PETERS, MONTGOMERY,<sup>1</sup> COE, FISCHER, FRANKEL, PEARLMAN, RICEWASSER, S. O. SCHWARTZ, WESSELS, WILLIAMS.

*Instructors:* GROSZ, GURVEY,<sup>1</sup> McMILLAN,<sup>1</sup> DORMAN, TIMBLIN, FEINHANDLER,<sup>1</sup> SHURE,<sup>1</sup> BEDINGER,<sup>1</sup> EHRlich,<sup>1</sup> PAUL,<sup>1</sup> TATGE, JANSON, BLATCHFORD,<sup>1</sup> BLIER,<sup>1</sup> DeTRANA, DeYOUNG, DITKOWSKY,<sup>1</sup> ENGLE,<sup>1</sup> FELSHER, FISHMAN,<sup>1</sup> HENNEMEYER, LOGAN, LOVERDE,<sup>1</sup> MILROY, NECKERMANN, NELSON,<sup>1</sup> J. POST,<sup>1</sup> SCHICK,<sup>1</sup> SINGER,<sup>1</sup> TOUTREV,<sup>1</sup> TYSELL,<sup>1</sup> WEISBERG,<sup>1</sup> PALUMBO,<sup>1</sup> MOSKO,<sup>1</sup> WALL,<sup>1</sup> MEHLMAN,<sup>1</sup> PETRAKOS, SLADEK,<sup>1</sup> STECK,<sup>1</sup> HARDING, ZELLER, CRONHEIM, JOHNSON, KESLER, LEFF, EDIDIN.

*Assistants:* H. J. LeVINE,<sup>1</sup> H. R. SCHWARTZ, A. H. LEVINE, DIMICELI,<sup>1</sup> KLEIMAN,<sup>1</sup> RUBENSTEIN, GOLDYNE,<sup>1</sup> FOSTER,<sup>1</sup> LARSON,<sup>1</sup> LEVIN,<sup>1</sup> COEN,<sup>1</sup> MARKS,<sup>1</sup> FLORENCE,<sup>1</sup> BREBIS,<sup>1</sup> C. H. PETERS,<sup>1</sup> SWISHER,<sup>1</sup> LUBIN,<sup>1</sup> MALBIN,<sup>1</sup> RUBIN, CALDWELL, COTELL, SHUGER, CHAPMAN,<sup>1</sup> HORWITZ, ROSANOVA, BICA, DELSON, HARTMAN, RANKE, YONAN, GREGORIO, CARSTENS, KATZ, FISHER, BAUMEISTER, BRETZ, FISHKIN, GEPHARDT, KULASAVAGE, RHETTA, POND, LAMONS, PIZER, SAPIENZA.

*Cooperating:* Professors W. J. R. CAMP<sup>3</sup> and S. A. LEVINSON, Associate Professor I. PILOT,<sup>2</sup> Dr. M. BERG,<sup>1</sup> Dr. R. J. JENSIK.

NOTE: The student is introduced to medicine through two correlation courses, which are essentially extensions of those begun in the pre-clinical years. Thus in one, the physiological and biochemical laws of nutrition are applied to patients with various diseases; and in the other the pathological changes in the morphology of the blood are studied.

In the third year, through the individual study and examination of patients in the hospital wards, the student learns the elements of physical diagnosis and the art of history taking. He also learns to recognize the physical findings characteristic of various diseases. In the fourth year he becomes a clinical clerk in the hospital. In this capacity he studies his patients and assumes increasing responsibility for their care. In the out-patient clinic the patients come to him for consultation regarding their problems.

These basic approaches to medicine are amplified and extended by didactic quiz courses, by lecture and demonstration clinics, and by numerous small clinics covering completely and authoritatively the field of medicine.

### Required Courses—Second Year

1. PHYSICAL DIAGNOSIS.—Practical drill on normal subjects. Small sections. Instructors in obstetrics, pediatrics, and surgery cooperate with the Department of Medicine. Three 1-hour periods each week. I, II, and III. Professor FREILICH, Associate Professors CHAUVET and RAGINS, Assistant Professors AMTMAN and ROSENBLUM, Dr. COE, Dr. DELSON, Dr. RUBENSTEIN.
2. CLINIC.—Lectures and conferences with special reference to diseases of metabolism. One hour each week. III. Professor KEETON.

### Required Courses—Third Year

10. SYSTEMATIC STUDY OF IMPORTANT DISEASES.—Lecture and seminar. One 1-hour period each week. Continuous through I, II, and III. Assistant Professors CIPRIANI, VANDERKLOOT, DEUSS, and LIMARZI, Dr. GOLDWASSER, Dr. PEARLMAN, Dr. ROSANOVA, Dr. CARSTENS, Dr. HORWITZ, Dr. RICEWASSER, Dr. DeTRANA, Dr. BAUMEISTER.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence beginning December 1, 1944.

<sup>3</sup>On leave of absence until January 1, 1945.

11. CLINIC.—Selected topics. Research and Educational Hospitals. One hour each week. Continuous through I, II, and III. Professor KEETON, Associate Professor PORTIS, Assistant Professor STREICHER, Dr. JENSIK.
12. CLINIC.—Selected topics. Cook County Hospital and Rush Medical School. One hour each week. Continuous through I, II, and III. Professors KELLY, FOLEY, THOMPSON, and ARKIN, Associate Professor TRAUT, Assistant Professor AMTMAN.
13. CLINIC.—Allergy. Research and Educational Hospitals. One hour each week. Continuous through I, II, and III. Assistant Professor RAPPAPORT.
14. BEDSIDE TEACHING.—History taking, physical diagnosis, and practical dietetic instruction. Cook County and Research and Educational Hospitals. Students are directed in their work by the associates of the respective wards. At the close of the morning the students gather in small groups and present before these groups cases they have studied. Eighteen hours each week for six weeks. I, II, and III. Associate Professor RABENS, Assistant Professors HILKEVITCH, SERBY, STRAUS, and LENDRUM, Dr. J. PETERS, Dr. S. O. SCHWARTZ, Dr. DETRANA, Dr. FISCHER, Dr. COE, Dr. RICEWASSER, Dr. FISHKIN, Dr. CARSTENS, Dr. PEARLMAN, Mrs. POND.
15. CLINICAL LABORATORY.—Research and Educational Hospitals. One-sixth of class. Four hours each week for six weeks. I, II, and III. Assistant Professor KENDRICK, Dr. RANKE, Mrs. HARDING.
16. CLINIC.—Hematology. Research and Educational Hospitals. One-sixth of class. Four hours each week for six weeks. I, II, and III. Associate Professor BIRCH, Assistant Professor LIMARZI, Dr. RANKE.

#### Required Courses—Fourth Year

50. CLINIC.—Selected topics with especial attention to differential diagnosis, including aviation medicine. Research and Educational Hospitals. One hour each week. Continuous through I, II, and III. Professors KEETON, SLOAN, and FOLEY.
51. CLINIC.—Selected topics with especial attention to differential diagnosis. Cook County Hospital. One hour each week. Continuous through I, II, and III. Professors MEYER, FOLEY, KELLY, and ARKIN.
- [52. CLINIC.—Chest and respiratory diseases. Research and Educational and Cook County Hospitals. One-sixth of class. One 2-hour period each week for six weeks. I, II, and III. Not given in 1944-1945. Professor FRELICH, Associate Professors FORAN, GOLDBERG, RAGINS, and TRAUT, Assistant Professors AMTMAN, BOIKAN, DEUSS, FELDMAN, and SERBY, Dr. KESLER.]
- [53. CLINIC.—Cardiology. Research and Educational and Cook County Hospitals. One-sixth of class. One 2-hour period each week for six weeks. I, II, and III. Not given in 1944-1945. Professor STRAUSS, Associate Professors PERLSTEIN and RABENS, Assistant Professors BOIKAN, CARTER, FELDMAN, and HILKEVITCH.]
54. CLINIC.—Tropical Medicine. Research and Educational Hospitals. One hour each week. I, II, and III. Associate Professor BIRCH.
55. TROPICAL MEDICINE LABORATORY.—Research and Educational Hospitals. One-third of class, one 3-hour period each week for twelve weeks. I, II, and III. Associate Professor BIRCH, Mrs. HARDING.
56. CLINIC.—Therapeutics. Research and Educational Hospitals. One 2-hour period each week for six weeks. I, II, and III. Assistant Professor LENDRUM.
57. ADMITTING CLINIC.—Research and Educational Hospitals. One week. Eleven 2-hour periods. Assistant Professor LENDRUM, Dr. BECKER, Dr. HOOVER, Dr. CRONHEIM, Dr. RUBENSTEIN, Dr. COTELL, Dr. YONAN, Dr. HARTMAN, Dr. GEPHARDT, Dr. KULASAVAGE, Dr. RANKE, Dr. RHETTA.
58. DISPENSARY.—Research and Educational Hospitals. Four weeks. Fifteen hours a week. I, II, and III. Professor FOLEY, Assistant Professors PROPST, STREICHER, and LENDRUM, Dr. GOLDWASSER, Dr. DARLING, Dr. HOOVER, Dr. LEVY, Dr. PEARLMAN, Dr. S. O. SCHWARTZ, Dr. GROSZ, Dr. DORMAN, Dr. CRONHEIM, Dr. JOHNSON, Dr. GREGORIO, Dr. HARTMAN, Dr. BICA, Dr. BAUMEISTER.
59. CLERKSHIPS.—Presbyterian, Cook County, and Research and Educational Hospitals. Thirty-six hours a week for six weeks. I, II, and III. Professors KEETON, BROWN, FOLEY, IRONS, KELLY, POST, STRAUSS, WOODYATT, ARKIN, and MEYER, Associate Professors FORAN, LEVINSON, RABENS, RAGINS, and TRAUT, Assistant Professors AMTMAN, BOIKAN, CARTER, and FELDMAN.
60. MEDICAL SEMINAR.—Research and Educational Hospitals. One hour each week for

twelve weeks. I, II, and III. Each student attends two quarters. Professor FOLEY, Assistant Professors LENDRUM and STRAUS, Dr. DARLING, Dr. FISCHER.

### Courses for Graduate Students

101. RESEARCH IN MEDICINE.—(1 to 3 units). Professors KEETON and FOLEY, Associate Professor BIRCH.

### NEUROLOGY AND NEUROLOGICAL SURGERY

*Professors:* OLDBERG (Head of Department), HASSIN (Emeritus), P. BAILEY, BASSOE (Emeritus), FAVILL, BUCY, MACKAY.

*Associate Professors:* AVERY, VERBRUGGHEN.

*Assistant Professors:* DIAMOND (Emeritus), LICHTENSTEIN.

*Associates:* GUSTAFSON,<sup>1</sup> HARDT.

*Instructors:* HAASE.

*Assistants:* STEPHENS, LAMS,<sup>1</sup> MAXWELL, LONSDALE,<sup>2</sup> POWELL, LIEBERMAN, F. W. BAILEY, GALLANT, GRAF.

*Cooperating:* Associate Professor D. M. OLKON.

### Required Courses—Third Year

10. FUNDAMENTALS OF NEUROLOGY.—A correlation of the anatomy, physiology, pathology, and clinical examination of the nervous system. One hour each week. I. Assistant Professor LICHTENSTEIN.
11. NEUROLOGY CLINIC.—Systematic lectures and clinical demonstrations of the principal diseases of the nervous system. One hour each week. II. Professors MACKAY and BUCY, Assistant Professor LICHTENSTEIN.

### Required Courses—Fourth Year

50. NEUROLOGY CLINIC.—Lectures and demonstrations of clinical cases. One hour each week. I and II. Professors BAILEY and FAVILL.
52. NEUROLOGICAL SURVEY.—Lectures and demonstrations of neurosurgical problems. Twelve weeks for each third of the class. One 2-hour period each week. I, II, and III. Professor OLDBERG.
53. DISPENSARY.—Six 2-hour periods each week. Two weeks for each sixteenth of the class. I, II, and III. Entire staff of the department.

### Courses for Graduate Students

101. RESEARCH IN NEUROLOGY, NEUROLOGICAL SURGERY, and NEUROPATHOLOGY.—(1 to 3 units). Professors OLDBERG, BAILEY, BUCY and MACKAY, Assistant Professor LICHTENSTEIN.

### OBSTETRICS AND GYNECOLOGY

*Professors:* FALLS (Head of Department), C. S. BACON (Emeritus), BAER, HEANEY, HOLMES (Emeritus), KANTER, WEBSTER (Emeritus).

*Associate Professors:* BROWNE, ALLEN.

*Assistant Professors:* LANG (Emeritus), HAMMOND, STONE (Emeritus), LASH, NEWBERGER (Emeritus), KOBAK, LIVENDAIL, BOYSEN,<sup>1</sup> EDWARDS, KLAWANS, PRIEST.

*Associates:* REZEK, WOLFF, BOLEY, DECOSTA,<sup>1</sup> DRAA,<sup>1</sup> HIBBERT, STULIK,<sup>1</sup> MARYAN, DARO,<sup>1</sup> ROOS, SERED.

*Instructors:* A. R. BACON, BLOOMFIELD, C. O. SMITH,<sup>1</sup> FREDA, CAREY, BAUM,<sup>1</sup> BOND,<sup>1</sup> TURNER,<sup>1</sup> WALSH, TETON, MOUZAKEOTIS, BENENSOHN, BRAND, DELEE, DOBSON.

*Assistants:* ROSSITER,<sup>3</sup> EVANS,<sup>1</sup> PIERCE, CAMPBELL, ROLD, GLENNER, KROGER, HONE, H. E. SMITH, ANGELL, BREISTER, CHISS, CHASE.

*Cooperating:* Professors O. F. KAMPMEIER and G. A. BENNETT, Associate Professor C. A. KRAKOWER.

<sup>1</sup>On leave of absence for war service.      <sup>2</sup>Resigned.

<sup>3</sup>On leave of absence beginning January 11, 1945.

NOTE: The work of the obstetrical division is aimed to give the student a practical training in the fundamentals of obstetric practice. In the third year he covers systematically the entire subject in a didactic course supplemented by examination of patients in the dispensary and wards. In the fourth year he is thoroughly drilled in prenatal care, birthroom and newborn nursery methods. He assists at normal deliveries and is taught to give ether anaesthesia to obstetrical cases. Complicated cases are presented clinically, and operations are demonstrated on the manikin and on living patients. Work in the out-patient service and in Research and Educational Hospital is supplemented by ward walks and demonstration of cases in the Cook County Hospital. Clerkships are given at Presbyterian Hospital, Research and Educational Hospital, and Cook County Hospital, including ward rounds, dispensary service, and clinical conferences.

### A. OBSTETRICS

#### Required Courses—Third Year

10. **PHYSIOLOGY AND PATHOLOGY OF PREGNANCY AND LABOR AND THE PUERPERIUM.**—
  - (a) Seminar and demonstration. One 1-hour period each week. I, II, and III. Dr. SERED, Dr. TETON, Dr. DELEE, Dr. BOLEY, Dr. WALSH, Dr. BENENSOHN, Dr. GLENNER, Dr. SMITH, Dr. MOUZAKEOTIS, Dr. CAREY.
  - (b) Demonstration clinic. One hour twice a week. Patients from the Research and Educational Hospital are presented and studied by the junior class. The cases are selected to illustrate the subject matter being presented in part (a). I, II, and III. Dr. BENENSOHN.
12. **DISPENSARY OUT-CLINIC.**—Ten 2-hour periods each week for two weeks. I, II, and III. Associate Professor BROWNE, Dr. BLOOMFIELD, Dr. CAREY, Dr. HIBBERT, Dr. WOLFF, Dr. REZEK, Dr. TETON, Dr. FREDA, Dr. DELEE, Dr. WALSH, Dr. BRAND, Dr. SERED, Dr. BENENSOHN, Dr. HONE, Dr. GLENNER, Dr. KROGER, Dr. SMITH, Dr. MOUZAKEOTIS.
13. **WARD WALK.**—Six 2-hour periods for two weeks. Dr. REZEK, Dr. ROOS, Dr. BOLEY.
14. **COOK COUNTY CLERKSHIP.**—Each third-year student spends a twenty-four hour period on duty in the obstetrical ward in Cook County Hospital, observing all cases delivered during that time. Students see on the average ten deliveries. Assistant Professor KOBAK, Dr. DELEE, Dr. FREDA, Dr. BRAND.

#### Required Courses—Fourth Year

50. **MANIKIN.**—Obstetrical operations demonstrated and opportunity afforded to do the operation on the manikin under supervision and to become thoroughly familiar with the instruments and technic of such operations. Small groups and individual instruction. One 2-hour period each week for six weeks. I, II, and III. Associate Professor BROWNE, Assistant Professor KOBAK, Dr. BENENSOHN, Dr. GLENNER.
51. **CLINIC.**—Demonstration of cases. Research and Educational Hospital. One hour each week. I, II, and III. Professor FALLS.
52. **CLERKSHIP.**—During the fourth year, six weeks of full-time clerkships are required. During two of these weeks students are housed in a group at the Research and Educational Hospital and are on call night and day. Two students are assigned to each case and are on duty from the time labor starts until the patient is delivered. They are required to keep records of the labors and the post-partum visits. They are occupied in the obstetrical ward of the hospital when not attending out-patient cases, and attend gynecological conferences and operations when practicable.

### B. GYNECOLOGY

#### Required Courses—Fourth Year

60. **SEMINAR.**—Conferences in groups of 20 students throughout the year. An orderly review of a standard textbook is undertaken and the assignments discussed. I, II, and III. Associate Professor BROWNE, Assistant Professors LASH, LIFVENDAHL, and KOBAK, Dr. WOLFF, Dr. ROOS.
62. **CLINIC.**—Dry clinic. Various subjects such as carcinoma, fibroids, and birth inju-

- ries are covered and illustrative cases are presented. Diagnosis and therapy are discussed. Cook County Hospital. One and a half hours each week. I, II, and III. Professor FALLS.
63. DISPENSARY.—Small groups instructed in history taking and physical examinations; ward rounds in the mornings and dispensary in the afternoons. One 2-hour period five days a week for two weeks. I, II, and III. Assistant Professor LIFVENDAHL, Dr. BLOOMFIELD, Dr. REZEK, Dr. CAREY, Dr. ROOS, Dr. FREDA, Dr. HIBBERT, Dr. WOLFF, Dr. TETON, Dr. GLENNER, Dr. SMITH.
64. SPECIAL CLINICS AND WARD ROUNDS.—Venereal, endocrine, pre-cancer, carcinoma, and sterility clinics. Two hours each week for two weeks. Dr. BOLEY, Dr. FREDA, Dr. REZEK, Dr. TETON, Dr. ROOS, Dr. WOLFF, Dr. MOUZAKEOTIS.
66. GYNECOLOGICAL AND OBSTETRICAL PATHOLOGY.—Same as Pathology 66. In cooperation with the Department of Pathology, gross and microscopic pathological material is presented for study and discussion. Clinical pathological correlations are stressed. One 2-hour period each week for six weeks. I, II, and III. Professor BENNETT, Associate Professor KRAKOWER, Dr. FREDA, Dr. DELEE, Dr. CAREY.
67. OBSTETRICAL AND GYNECOLOGICAL ANATOMY.—Discussion with groups of 30 students reviewing the fundamental anatomy of breast, uterus, ovary, kidney, ureter, perineum, placenta, and fetus as related to the problems of clinical obstetrics. Patients are used for demonstration and one session is spent in the anatomical department where special dissections of these tissues are demonstrated. The students are required to make drawings, and turn in drawings to scale, of this anatomical material. I, II, and III. Professors FALLS and KAMPMEIER, Dr. TETON.
68. OBSTETRICAL AND GYNECOLOGICAL PHYSIOLOGY.—Normal pregnant women and women in labor and in the puerperium are presented, and the physiology of pregnancy, labor, the puerperium, lactation, and the newborn is discussed. Following a one-hour conference the students have an opportunity to observe and check the physiological findings in the wards and nurseries of the department. Professor FALLS, Dr. FREDA.
69. COOK COUNTY HOSPITAL CLERKSHIP.—Ten students daily from 9 a.m. to 4 p.m. for two weeks. They attend ward walks, write histories, examine patients, and are present at five 2-hour operative clinics conducted by Professors FALLS and KANTER, Associate Professor BROWNE, Assistant Professor LASH, and their associates. Two 2-hour periods per week are spent on obstetrical work under the direction of Assistant Professor KOBAC, Dr. FREDA, and associates. Particular stress is laid on the demonstration and examination of puerperal sepsis and infected abortion cases.

### Special Courses for Physicians

91. REFRESHER COURSE FOR PHYSICIANS.—
- (a) A two-weeks course limited to four men. An informal course consisting of participation in departmental lectures, demonstrations, ward walks and clinics, with opportunity to witness deliveries both in the hospital and in the home. This may be supplemented with similar work in the Department of Pediatrics if desired. The facilities of the Cook County Hospital, Presbyterian Hospital, and Research and Educational Hospital are used for this work. This course may be started any Monday morning.
- (b) One-week course offered in conjunction with the Illinois State Department of Public Health at the Research and Educational Hospital. Limited to practitioners of the State of Illinois. The course consists of formal lectures, clinical conferences, round table discussions, manikin demonstrations, ward walks and out-patient clinics on prenatal care. The staff of the Research and Educational Hospital plus invited lecturers from Northwestern University, Loyola University, and the University of Chicago give the course. (This course is offered during the summer and will be announced in the State Medical Journal.) Registration fee \$10.

### Courses for Graduate Students

101. RESEARCH IN OBSTETRICS AND GYNECOLOGY.—(1 to 3 units). Professor FALLS.

## OPHTHALMOLOGY

*Professors:* GAMBLE (Emeritus), BEARD, BROWN, DARLING, MONCREIFF, GRADLE.

*Associate Professors:* ALLEN, FOWLER, KLIEN, VON DER HEYDT (Emeritus), KRONFELD.

*Assistant Professors:* SMITH, APPLE, JACOBSON.<sup>1</sup>

*Associates:* HORICK, RISER, DONEGAN, LEECH, PALMER.

*Instructors:* BROOKS, FOLK, CARMODY,<sup>2</sup> CRANE,<sup>1</sup> SCHERIBEL, BENFORD.

*Assistants:* VAN ATTA,<sup>1</sup> CERNY,<sup>1</sup> SUKUMLYN, DORNE,<sup>1</sup> MADI,<sup>1</sup> BREAKSTONE,<sup>1</sup> MERCER.

## Required Courses—Third Year

51. CLINIC AND PRACTICE.—Includes normal and pathological anatomy of the eye, practice in the use of ophthalmoscope, perimeter, focal light and test charts, and study of eye diseases which the general practitioner most frequently encounters. Five 2-hour periods each week for three weeks. I, II, and III. Professor BEARD, Assistant Professor SMITH, and staff.
52. DIDACTIC OPHTHALMOLOGY.—Illustrated lectures and quizzes. One hour each week. I, II, and III. Professor BEARD, Assistant Professors SMITH and APPLE, and staff.

## Special Courses for Physicians

90. CLINICAL COURSE.—Designed for those who wish to take up ophthalmology as a specialty. Only one process is studied at a time. Processes taught are: (a) determination of central visual acuity, neutralization of lenses, retinoscopy, refraction (with cycloplegia and without), tonometry, determination of degrees of strabismus or paralysis, types of discs (Elschnig's classification); (b) measurements of disc level, perimetry, objective findings in external and fundus diseases, case-history writing and diagnosis, prognosis, and treatment of a given case as a whole. This course extends over three periods of four months each, and no applicant is accepted for registration for less than the full twelve months. Hours: 9:00 a.m. to 12:00 m., six days a week. Registration October 16-31. Classes limited to ten students. Candidates under 35 years of age are given preference. For fees, see page 369.
91. PATHOLOGY OF THE EYE.—Four months. Hours to be arranged. I, II, or III. For fees, see page 369. Professor BEARD.

## Courses for Graduate Students

101. RESEARCH IN OPHTHALMOLOGY.—(1 to 3 units).

## ORTHOPAEDIC SURGERY

*Professors:* CHANDLER (Head of Department), THOMAS (Emeritus).

*Associate Professors:* BERKHEISER, HARK.

*Assistant Professors:* MURPHY,<sup>1</sup> LAMBERT.<sup>1</sup>

*Associates:* MARSHALL, FISCHER, GRIMMER, MILLER,<sup>1</sup> TURNER.

*Instructors:* SHAPIRO,<sup>1</sup> VARZINO,<sup>1</sup> FARRINGTON,<sup>1</sup> SCHMIDT, FAHEY.

*Assistants:* EICHELBAUM, KAELL.

## Required Courses—Third Year

10. PRINCIPLES OF ORTHOPAEDIC SURGERY.—Recitation and discussion. One hour each week. I, II, and III. Each student attends one quarter.
11. DISPENSARY.—Gives opportunity for students to question and examine numerous orthopaedic cases, including fractures and bone tumors, procuring histories, making diagnoses, suggesting indications, and giving minor dispensary treatment in the orthopaedic dispensary and in physiotherapy-hydrotherapy departments under the supervision and aid of the instructors. Two hours daily for two weeks. I, II, and III.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.

12. CLINICAL ORTHOPAEDIC SURGERY WITH DEMONSTRATIONS.—Consideration of orthopaedic problems, including diagnosis and operative treatment of fractures and bone tumors. One hour each week. I, II, and III. Professor CHANDLER.
13. CLERKSHIP.—Illinois Surgical Institute for Children. Observation and study of clinical cases. Two weeks, four hours daily. Professor CHANDLER and staff.

#### Required Courses—Fourth Year

50. ADVANCED CLINICAL ORTHOPAEDIC SURGERY.—Illustration of major orthopaedic problems, their diagnosis and therapy through the presentation of representative cases. Two hours each week for six weeks. Associate Professor HARK.

#### Courses for Graduate Students

101. RESEARCH IN ORTHOPAEDIC SURGERY.—(1 to 3 units).

### PATHOLOGY

*Professors:* BENNETT (Head of Department), DAVIS (Emeritus), LEVINSON, SAPHIR, RUKSTINAT.

*Associate Professors:* PILOT,<sup>1</sup> NEDZEL, PIETTE, DAVIDSOHN, KRAKOWER.

*Assistant Professors:* MILLES,<sup>1</sup> KEARNS,<sup>1</sup> MACFATE.

*Associates:* MELNICK,<sup>1</sup> BERG.<sup>1</sup>

*Instructors:* LEV,<sup>1</sup> POPPER,<sup>1</sup> CAHN-BRONNER, MASON, GRIMM,<sup>1</sup> JENSİK, LUBITZ, HIRSCH, HALLEY, KLEIN, BOCIAN.

*Assistants:* FISHKIN,<sup>1</sup> STOBART, BEISER, AMROMIN, CHASTEN.

*Cooperating:* Professor R. G. KESEL, Associate Professor M. K. HINE,<sup>2</sup> Assistant Professor D. P. SLAUGHTER, Dr. I. DREYER,<sup>1</sup> Dr. W. F. BARNFIELD.

NOTE: Following the courses in anatomy and physiology of the first year, the student is prepared to undertake studies on the nature and causation of disease. Bacteriology is given in the quarter preceding pathology. General and special pathology and clinical pathology are given during the second and third quarters of the second year. A continuation course in special pathology with emphasis on autopsies and clinical pathological correlations is conducted in the third year. Courses in surgical and gynecological and obstetrical pathology in the fourth year conclude the formal instruction conducted by this department.

#### Required Courses—Second Year

1. GENERAL AND SPECIAL PATHOLOGY.—The basic principles of pathologic processes, including tissue injury and repair, inflammation, circulatory disturbances, retrograde processes and tissue responses to specific infectious agents and neoplasms, are considered in the first part of this course. In the latter part of the course, the disease processes affecting each organ and anatomic system are considered in greater detail. Lectures, demonstrations, quiz, conferences, and laboratory. Thirteen hours each week. II and III. Professors BENNETT, LEVINSON, RUKSTINAT, and SAPHIR, Associate Professors DAVIDSOHN, KRAKOWER, and NEDZEL, and others.
2. CLINICAL PATHOLOGY.—Chemical, bacteriologic, serologic, and microscopic examination of the gastrointestinal contents, urine, blood, cerebro-spinal fluid, saliva, sputum, transudates, and exudates. Metabolism and the functional tests of liver, kidneys, etc., with emphasis on technic. Lectures, demonstrations, and laboratory. Six hours each week. II and III. Professor LEVINSON, Assistant Professor MACFATE, and others.

#### Required Courses—Third Year

11. AUTOPSY PATHOLOGY.—Attendance of and participation in scheduled autopsies at the Research and Educational Hospital and at Cook County Hospital. A complete protocol on each autopsied case is prepared by students assigned in rota-

<sup>1</sup>On leave of absence for war service

<sup>2</sup>Resigned.

tion. The clinical and pathological data and pertinent literature is then presented before the class by these students. Professor BENNETT, Associate Professor NEDZEL, Dr. BOCIAN, Dr. CAHN-BRONNER, Dr. HALLEY, and others.

12. SURGICAL PATHOLOGY.—Lectures and demonstrations in preparation for the fourth year course in surgical pathology. One 1-hour period each week for twelve weeks. I, II, and III. Assistant Professor SLAUGHTER and others.

#### Required Courses—Fourth Year

50. SURGICAL PATHOLOGY.—Following the weekly surgical pathological conference the surgical clerks study systematically gross and microscopic specimens illustrating the common lesions removed by surgical procedures. One 1-hour period each week for twelve weeks. I, II, and III. Professor BENNETT, Associate Professor KRAKOWER, Assistant Professor SLAUGHTER, and others.
66. GYNECOLOGICAL AND OBSTETRICAL PATHOLOGY.—Same as Obstetrics and Gynecology 66. In cooperating with the Department of Obstetrics and Gynecology, gross and microscopic pathological material is presented for study and discussion. Clinical pathological correlations are stressed. One 2-hour period each week for six weeks. I, II, and III. Professor BENNETT, Associate Professor KRAKOWER, and others.

#### Elective Courses

75. LEGAL MEDICINE.—One hour each week. I, II, or III. Professor LEVINSON.

#### Courses for Graduate Students

101. ADVANCED PATHOGENESIS.—(1 to 3 units). Professor BENNETT, Associate Professor NEDZEL.
103. INDIVIDUAL RESEARCH.—(1 to 3 units). Professor BENNETT, Associate Professor NEDZEL.
105. ORAL PATHOLOGY.—(1 to 3 units). Professor KESEL.

### PEDIATRICS

*Professors:* PONCHER (Head of Department), HESS (Emeritus), BLATT,<sup>1</sup> PARMELEE, GRULEE, HOYNE.

*Associate Professors:* HAMILTON,<sup>2</sup> BRONSTEIN, LESLIE, SANFORD.

*Assistant Professors:* BOWER, GASUL, LEICHENGER, LEVIN, HOFFMAN,<sup>2</sup> CHAMBERLAIN, LEVINSON, SALTIEL, BEVERLY, STULIK, BUTLER, ALLIN (Emeritus), HALPERN.

*Associates:* GOLDBERGER,<sup>2</sup> HARRISON,<sup>2</sup> LEWISON,<sup>2</sup> SHAW,<sup>2</sup> ZAVERTNIK.

*Instructors:* PAUKER, SULDANE, PADNOS, TIGAY, ABELSON,<sup>2</sup> BARATZ,<sup>3</sup> SPAETH, RICHTER,<sup>2</sup> HOWE, KOPSTEIN.

*Assistants:* GETTELMAN,<sup>2</sup> WOLF,<sup>2</sup> BRESLOW,<sup>2</sup> BOHNING, WELFORD,<sup>2</sup> MIZENBERG, SHMIGELSKY, HARRIS,<sup>2</sup> ORLAND, KOSTALEK.

*Cooperating:* Professor P. L. SCHROEDER,<sup>2</sup> Associate Professor G. J. MOHR.

NOTE: The clinical instruction in the Department of Pediatrics is offered in the in-patient and out-patient pediatric services of the Research and Educational, Cook County, and Presbyterian Hospitals, the Contagious Disease Division of the Cook County Hospital, and the Municipal Contagious Disease Hospital. During the third year a systematic course in clinical pediatrics is given by members of the dispensary staff conjointly with the clinical clerkship. (Not given in 1944-1945.) The essential part of instruction in the department is to supplement the practical experience the student gains on the ward and in the out-patient department with didactic instruction, formal

<sup>1</sup>Deceased December 10, 1944.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>On leave of absence until January 1, 1945.



conferences, and informal discussions in small groups. Clinical and didactic instruction in applied immunology, public health work, and contagious diseases is offered in the third and fourth years.

#### Required Courses—Third Year

10. DISEASES OF INFANCY AND CHILDHOOD.—Systematic group lecture and conference on growth and development, management of the newly born, nutrition, nutritional disturbances, and medical aspects of diseases in infancy and childhood. One hour each week. I, II, and III. During one quarter small groups of students are sent to Cook County Contagious Hospital for clerkship in communicable diseases; in addition to this clerkship, students receive didactic lectures in applied immunology two hours each week. Members of the Pediatric staff.
- [11. CLERKSHIP.—Introduction to methods of assessing the infant and child; demonstration of pediatric techniques and the appraisal of the patient; chronological consideration of possible pathology in pediatrics by age periods, e.g., newborn, infancy, pre-school, school age, puberty, and adolescence. Presentation of cases and discussion of symptom diagnosis. Three hours daily for two weeks. Not given in 1944-1945. Professor PONCHER, Dr. HOWE.]

#### Required Courses—Fourth Year

50. SUPERVISED CASE STUDY AND CONFERENCE ON DISPENSARY PATIENTS IN PEDIATRIC CLINIC.—Patients are assigned to students for a total evaluation and then demonstrated to a member of the dispensary staff. Technique of office practice and management of the patients' problems are stressed. Six 3-hour periods each week for four weeks. I, II, and III. Members of the dispensary staff.
- [51. SUPERVISED CASE STUDY AND CONFERENCE ON DISPENSARY PATIENTS IN PEDIATRIC CLINIC.—Correlation of personality makeup and intelligence with disease process. Research and Educational Hospital. One 2-hour period each week for two weeks. I, II, and III. Not given in 1944-1945. Professor SCHROEDER and staff.]
- [52. CLINICAL DEMONSTRATION OF DISEASES IN INFANCY AND CHILDHOOD.—Entire class one hour each week. I, II, and III. Not given in 1944-1945. Professors PONCHER, GRULEE, PARMELEE, and HOYNE.]
53. CLINIC.—Clinical demonstration of pediatric problems of hospital practice. One session is devoted exclusively to the care and management of the newly born. One hour daily for six weeks at Cook County Children's Hospital by members of the attending staff. I, II, and III.
54. CLERKSHIP.—The entire clerkship is of six weeks duration. Small groups of students are assigned to spend four weeks in the wards or out-patient department of the Research and Educational, Cook County, or Presbyterian Hospitals. For one week mornings are spent at the Municipal Contagious Hospital under the supervision of Dr. Ralph Spaeth, and the afternoons are spent with the Cook County Public Health unit under the supervision of Dr. E. A. Piszczek, at the Samuel Deutsch Serum Center under Dr. S. O. Levinson, and at the State Health Laboratories under Dr. H. J. Shaughnessy. Every week two students spend the entire day with the attending staff at the LaRabida Sanitarium where problems in the management of the child with rheumatic heart disease are considered. Once a week two students attend the War Nursery Schools and serve as advisory members of the medical staff. The clerkship thus affords a broad orientation in the fields of infant and child welfare, public health, and pediatric practice in the office and in the hospital wards.
56. PEDIATRIC SEMINARS.—Pediatric symptom diagnosis, pediatric therapeutics, and endocrinology are presented in seminar sessions. Three 1-hour periods each week for six weeks for the students who are on the pediatric clerkship. Professor PONCHER, Associate Professor BRONSTEIN.

#### Courses for Graduate Students

101. RESEARCH IN PEDIATRICS.—(1 to 3 units). Professor PONCHER.

## PHARMACOLOGY, MATERIA MEDICA, AND THERAPEUTICS

*Professors:* PFEIFFER<sup>1</sup> (Head of Department), McGUIGAN (Emeritus), CAMP.<sup>2</sup>

*Associate Professors:* LOEW.

*Assistant Professors:* STRUCK.

*Instructors:* DYNIEWICZ.

*Assistants:* SHERROD.

*Cooperating:* Dean E. R. SERLES, Assistant Professors F. C. LENDRUM and F. T. MAHER.

### Required Courses—Second Year

1. PHARMACODYNAMICS, MATERIA MEDICA, TOXICOLOGY, BIOASSAY, AND CHEMOTHERAPY.—Lectures, conferences, quizzes, and laboratory. Five hours each week for eleven weeks. I and II. *Prerequisite:* Chemistry 1 and 2; Physiology 1. Professor PFEIFFER and staff.

### Required Courses—Third Year

2. THERAPEUTICS.—Lectures and quizzes. One hour each week. I, II, and III. Assistant Professor LENDRUM.

### Courses for Graduate Students

101. BIOASSAY AND APPLIED STATISTICS.—(1 to 3 units). Professor PFEIFFER and staff.
102. RESEARCH IN PHARMACODYNAMICS.—(1 to 3 units). Professors PFEIFFER and CAMP.
103. RESEARCH IN EXPERIMENTAL THERAPEUTICS.—(1 to 3 units). Associate Professor LOEW.
104. RESEARCH IN CELLULAR PHARMACOLOGY.—(1 to 3 units). Professor PFEIFFER and staff.
105. RESEARCH IN CHEMOTHERAPY.—(1 to 3 units). Professor PFEIFFER.

## PHYSIOLOGY

*Professors:* WAKERLIN (Head of Department), BACHEM, REED.

*Associate Professors:* COLLINS, WIGGERS.

*Assistant Professors:* INGRAHAM.

*Associates:* DILLE.<sup>3</sup>

*Assistants:* MOSS, GOLDBERG,<sup>3</sup> CANHAM, OHLER, BESSINGER.

### Required Courses—First Year

1. HUMAN PHYSIOLOGY.—Physiology of blood, circulation, and respiration. Lectures, quiz-conferences, demonstrations and laboratory. Nine hours each week. III. Professors WAKERLIN, BACHEM, and REED, Associate Professors COLLINS and WIGGERS, Assistant Professor INGRAHAM, and others.

### Required Courses—Second Year

2. HUMAN PHYSIOLOGY.—Continuation of Physiology 1. Physiology of muscle and nerve, central nervous system, and senses. Nine hours each week. I. Professors WAKERLIN, BACHEM, and REED, Associate Professors COLLINS and WIGGERS, Assistant Professor INGRAHAM, and others.
3. HUMAN PHYSIOLOGY.—Continuation of Physiology 2. Physiology of digestion, metabolism, endocrines, excretion, and heat regulation. Seven hours each week. II. Professors WAKERLIN, BACHEM, and REED, Associate Professors COLLINS and WIGGERS, Assistant Professor INGRAHAM, and others.

### Elective Courses

(Open only to qualified students. Time to be arranged.)

51. SPECIAL ADVANCED PHYSIOLOGY.—This course is designed to meet the needs of students desiring advanced, detailed knowledge of a limited field. Each quarter

<sup>1</sup>Effective when released from service in the United States Navy.

<sup>2</sup>On leave of absence until January 1, 1945. <sup>3</sup>Resigned.

different fields are selected and announced in advance. Subjects covered are blood, heart, muscle, gastrointestinal tract, kidney endocrinology, general metabolism and nutrition, growth, and neurophysiology. Professors WAKERLIN and REED, Associate Professors COLLINS and WIGGERS, Assistant Professor INGRAHAM.

55. PROBLEMS IN PHYSIOLOGY.—Professors WAKERLIN and REED, Associate Professors COLLINS and WIGGERS, Assistant Professor INGRAHAM.

### Courses for Graduate Students

101. RESEARCH IN PHYSIOLOGY.—(1 to 3 units). Professors WAKERLIN and REED.  
 102. RESEARCH IN BIOPHYSICS.—(1 to 3 units). Professor BACHEM.  
 103. SEMINAR IN SELECTED FIELDS.—(1 unit). Professors WAKERLIN, BACHEM, and REED.  
 104. CURRENT LITERATURE SEMINAR.—(½ unit). Recommended for all graduate students in physiology. Professors WAKERLIN, BACHEM, and REED.

## PSYCHIATRY

*Professors:* GERTY (Head of Department), SCHROEDER,<sup>1</sup> ALEXANDER, HAMILL.

*Associate Professors:* LOW, McCULLOCH, HOFFMAN, ROTMAN, BRAUDE, CARMICHAEL, MEDUNA, OLKON, SOLOMON, F. A. GIBBS, JENKINS.

*Assistant Professors:* SZUREK,<sup>1</sup> HAINES, BOSSELMAN, KLEIN, SHERMAN, PASKIND, SONENTHAL,<sup>1</sup> RHEINGOLD,<sup>1</sup> BRODER.

*Associates:* KRAINES,<sup>1</sup> BLAUROCK,<sup>1</sup> SHARP, ZEITLIN, URY.

*Instructors:* WHEELER, GOODWIN, HEILBRUNN, TARLOW, NOLAN, SKORODIN, BRÖMBERG.

*Assistants:* WEINBERG,<sup>1</sup> HEISLER, BEGUESSE, BEIGLER,<sup>1</sup> PASCHKES.

*Research Assistants:* CARLSON, GASSMANN, WRIGHT, E. L. GIBBS, TEPLITZ, HARMAN.

*Cooperating:* Associate Professors G. J. MOHR and T. M. FRENCH, Assistant Professor A. M. JOHNSON.

NOTE: The course in psychiatry extends through all four years of the medical curriculum. An attempt is made to unify the teaching by considering human behavior and the development of the human personality, both dynamically and descriptively. In the first year an introduction to psychiatry is given by presentation of striking examples of human behavior and by discussion of the broad principles underlying such behavior in order to provide an orientation for the student. Greater detail is introduced as the work develops in the second, third, and fourth years, and varying techniques of presentation and approach to material are used. The usual methods of didactic lectures, reading, case presentation, ward rounds under supervision, and clerkships in the ward and dispensary are used. Discussions arising spontaneously and under the direction of preceptors in reviewing histories written by the students clarify understanding and place emphasis on matters of importance. The clinical summary course is offered in the fourth year both for the purpose of reviewing the course in psychiatry as a whole and as a means of directing the student's attention to the uses of psychiatry in the general practice of medicine.

### Required Courses—First Year

1. GENERAL INTRODUCTORY LECTURES IN PSYCHIATRY.—Same as Criminology, Social Hygiene, and Medical Jurisprudence I. (a) Orientation, (b) Biological Basis of Personality, (c) Psychiatric Psychology. One hour each week. I and II. Professor GERTY, Dr. URY.

### Required Courses—Second Year

5. CHILD PSYCHIATRY.—Same as Criminology, Social Hygiene, and Medical Jurisprudence 5. One hour each week. I, II, and III. Associate Professor MOHR, Assistant Professor JOHNSON.

<sup>1</sup>On leave of absence for war service.

## Required Courses—Third Year

10. CLINICAL DESCRIPTIVE PSYCHIATRY.—Two hours each week. I, II, and III. Assistant Professor BOSSELMAN, Dr. URY.
12. CLERKSHIP.—Clinical instruction in mental examination of patients on wards. Four hours each day for two weeks. I, II, and III. Professor ALEXANDER, Associate Professors CARMICHAEL and JENKINS, Assistant Professors SHERMAN and BOSSELMAN, Dr. URY, Dr. FARLOW, Dr. CARLSON, Dr. GASSMANN, Dr. WRIGHT.

## Required Courses—Fourth Year

51. DISPENSARY.—One 2-hour period each week for six weeks. I, II, and III. Associate Professors CARMICHAEL, LOW, ROTMAN, and BRAUDE, Assistant Professors SHERMAN, BOSSELMAN, and BRODER, Dr. URY, Dr. HEILBRUNN, Dr. FARLOW, Dr. SKORODIN, Dr. NOLAN, Dr. BEGUESSE, Dr. PASCHIKES, Dr. CARLSON, Dr. GASSMANN, Dr. WRIGHT.
53. SUMMARY COURSE.—One hour each week. I. Professor ALEXANDER, Associate Professor CARMICHAEL.

## Courses for Graduate Students

101. RESEARCH IN PSYCHIATRY.—(1 to 3 units). Professor GERTY, Associate Professors McCULLOCH, CARMICHAEL, and MEDUNA.

## RADIOLOGY

*Associate Professors:* SQUIRE.

*Assistant Professors:* WACHOWSKI (in charge), BEILIN, PETERSEN, SLAUGHTER.

*Associates:* LÉFOUX.<sup>1</sup>

*Instructors:* JOHNSON.

*Assistants:* WILSON, SNOWDEN, WEIDENHEIM.

NOTE: The diagnostic and therapeutic applications of radiology in the entire field of medicine are presented by means of lectures, film and slide demonstrations, and observation of clinical material.

## Required Courses—Third Year

50. RADIOLOGY.—Application of Roentgen rays to medicine and surgery. Lectures and demonstrations. One hour each week. I, II, and III. Assistant Professor WACHOWSKI.
51. DISPENSARY.—Technic, interpretation, and therapy. Taught in connection with various clinical clerkships. Assistant Professors WACHOWSKI, BEILIN, and PETERSEN, Dr. JOHNSON.

## Courses for Graduate Students

101. RESEARCH IN RADIOLOGY.—(1 to 3 units).

## SURGERY

## A. GENERAL SURGERY

Professor COLE (Head of Department)

*Professors:* PERCY (Emeritus), PHIFER, McARTHUR, DAVID, C. B. DAVIS, MILLER,<sup>1</sup> MONTGOMERY, SPEED.

*Associate Professors:* NADEAU,<sup>1</sup> BAMBERGER, KOUCKY,<sup>1</sup> MALCOLM, SEED,<sup>1</sup> DE TAKATS, PUESTOW,<sup>1</sup> VAN HAZEL, JIRKA, SCHULTZ, HAZLETT, LYON, BETTMAN, KORDENAT,<sup>1</sup> POTTS,<sup>1</sup> SPIVACK, F. H. STRAUS,<sup>1</sup> VAUGHAN, G. G. DAVIS,<sup>1</sup> BAKER, ODEN.

<sup>1</sup>On leave of absence for war service.

*Assistant Professors:* MORA,<sup>1</sup> MEYER, JOANNIDES, GREELEY,<sup>2</sup> LAWTON,<sup>2</sup> McMILLAN,<sup>2</sup> THEIS,<sup>2</sup> SLAUGHTER, ALMQUIST, OLMSTED,<sup>2</sup> SCUDERI,<sup>2</sup> PARKER, REYNOLDS, STEPHENS, DORSEY, PROHASKA, GARSIDE.  
*Associates:* GREEN, BECK,<sup>2</sup> PICK,<sup>2</sup> JAFFRAY,<sup>2</sup> MISHKIN,<sup>2</sup> DIGGS,<sup>2</sup> FELL,<sup>2</sup> GILCHRIST,<sup>2</sup> OLWIN,<sup>2</sup> ROSI,<sup>2</sup> THOREK, IRENEUS.  
*Instructors:* BROWN,<sup>2</sup> HALEVY,<sup>2</sup> FLANNERY,<sup>2</sup> WAGNER,<sup>2</sup> REUTHER,<sup>2</sup> STROHL,<sup>2</sup> DIFFENBAUGH,<sup>2</sup> F. H. FOWLER, ROTH,<sup>2</sup> KLEITSCH,<sup>2</sup> HOLUB,<sup>2</sup> PETERSON.  
*Assistants:* HANSON,<sup>2</sup> HOFRICHTER,<sup>2</sup> FEHR, MONROE,<sup>2</sup> NITTS, KAISER, LIN, CORPE,<sup>2</sup> HANSELMAN,<sup>2</sup> TEXTOR,<sup>2</sup> McDONALD,<sup>2</sup> C. B. DAVIS, JR., E. F. FOWLER, KILBOURNE, ROSSITER,<sup>3</sup> WILLIAMS, LASK, YOUNG.  
*Cooperating:* Assistant Professor G. L. ZECHEL.

NOTE: Class work in surgery is begun in the third quarter of the second year, and consists of an informal introductory seminar course covering such problems as surgical bacteriology, infections, and wounds; in addition, a short course in physical diagnosis is given during the third quarter. In the third year another seminar course is given throughout the year which takes up systematically all the important surgical subjects. Three weeks are spent in the dispensary taking histories and examining patients whose cases are discussed with the student by the staff men. Several clinics, including emergency surgery, are given to acquaint the student with clinical material. In the fourth year still more effort is made to have the student take care of patients and get acquainted with clinical methods. A twelve-week clerkship is designed to present the clinical material in this way. Since the beginning of the war, much more time is spent in various clinics on first aid work and surgical emergencies of all types. During the fourth year the student is allowed considerable liberty in outlining his own study, and is encouraged to refer to current literature and textbooks about the clinical material as it is presented in the various clinics and clerkships.

#### Required Courses—Second Year

1. PHYSICAL DIAGNOSIS.—Methods of examining surgical patients. Two hours each week for six weeks. III. Assistant Professor PROHASKA.
2. INTRODUCTION TO SURGERY.—Asepsis, surgical bacteriology, infections, surgical methods, wounds, shock, hemorrhage, surgery of blood vessels and lymphatics. One hour each week. III. Associate Professor ODEN, Assistant Professor JOANNIDES, Dr. IRENEUS, Dr. PETERSON.

#### Required Courses—Third Year

10. FUNDAMENTAL PRINCIPLES OF SURGERY.—Seminar course. One hour each week for three quarters. I, II, and III. Professor COLE, Associate Professor BAMBERGER, Assistant Professor JOANNIDES, Dr. IRENEUS, Dr. THOREK.
11. SURGICAL CLINIC.—Research and Educational Hospital. One hour each week. I, II, and III. Professor PHIFER.
12. EMERGENCY SURGERY.—One 1-hour period each week for twelve weeks. I, II, and III. Assistant Professor GARSIDE.
13. MINOR SURGERY AND FIRST AID.—One 1-hour period each week for twelve weeks. I, II, and III. Assistant Professor MORA.
14. SURGICAL CLINIC.—One 1-hour period each week for twelve weeks. I, II, and III. Assistant Professor PROHASKA.
15. INTRODUCTORY COURSE IN FRACTURES.—Presbyterian Hospital. One 1-hour period each week for twelve weeks. I, II, and III. Professor SPEED, Assistant Professor REYNOLDS, Dr. IRENEUS.
16. SURGICAL DISPENSARY.—History taking, diagnosis, minor surgery, and surgical dressings. Research and Educational Hospital. Two 2-hour periods daily for three weeks. I, II, and III. Associate Professors DE TAKATS, SPIVACK, and SCHULTZ, Assistant Professors MORA, ALMQUIST, PROHASKA, SLAUGHTER, REYNOLDS, Dr. IRENEUS, Dr. THOREK, and others.
17. INDUSTRIAL SURGERY.—St. Luke's Hospital. One 1-hour period each week for six weeks. I, II, and III. Associate Professor LYON, Dr. KILBOURNE.

<sup>1</sup>Deceased February 10, 1945.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>On leave of absence beginning January 11, 1945.

### Required Courses—Fourth Year

53. SURGERY OF CHILDREN.—Cook County Children's Hospital. One hour each week for six weeks. I, II, and III. Assistant Professor MEYER.
57. SURGICAL CLERKSHIP.—Students are assigned patients and are responsible for the history and laboratory work. Includes general (also emergency), thoracic, oral, and neuro-circulatory surgery. Twenty-four hours each week for twelve weeks. I, II, and III. Research and Educational Hospital: Professor COLE, Associate Professors VAN HAZEL, MALCOLM, and DE TAKATS, and others. Presbyterian Hospital: Professors DAVID and SPEED, Assistant Professor DORSEY, and associates. Cook County Hospital: Professor DAVID, Associate Professor VAUGHAN, Assistant Professor SLAUGHTER, Dr. IRENEUS, and others.
70. FRACTURES.—Two 1-hour periods each week for twelve weeks, given in conjunction with course 57. I, II, and III. Assistant Professor REYNOLDS.
80. SURGICAL CLINIC.—Research and Educational Hospital. One hour each week for twelve weeks. III. Professor COLE.

### Courses for Graduate Students

101. RESEARCH IN SURGERY.—(1 to 3 units). Professor COLE, Associate Professors HERROLD and DE TAKATS.

### B. UROLOGY

*Professors:* MCKENNA, HERBST, KRETSCHMER.

*Associate Professors:* HERROLD, WELLER, HECKEL.

*Assistant Professors:* BUCKMAN, COTTRELL, PARKER,<sup>1</sup> SULLIVAN, KIEFER, MERRICKS.

*Associates:* GERONON, RITCH, SCHACHT, DRABANSKI.<sup>1</sup>

*Assistants:* HOLM,<sup>1</sup> SOKOL,<sup>1</sup> GAINES,<sup>1</sup> GERMAN,<sup>1</sup> POREMSKI,<sup>1</sup> ROMBERGER.

### Required Courses—Third Year

40. FUNDAMENTALS OF UROLOGY.—Conferences and recitations. One hour each week. I. Professor MCKENNA, Associate Professor HERROLD, Assistant Professor KIEFER, Dr. GERONON, Dr. SCHACHT.
42. UROLOGY DISPENSARY.—History taking, diagnosis, and treatment. Research and Educational Hospital. Three 2-hour periods each week for two weeks. I, II, and III. Professor MCKENNA, Associate Professor HERROLD, Assistant Professor KIEFER, and others.

### Required Courses—Fourth Year

57. CLERKSHIP.—In conjunction with Surgery 57 (Surgical Clerkship). Professor MCKENNA, Assistant Professor KIEFER.

### C. ANAESTHESIA

*Associate Professors:* CASSELS, LYONS.

*Assistant Professors:* MCNEAL, JACOBSON.

*Associates:* RAPOPORT.<sup>2</sup>

*Instructors:* HECKEL.

*Assistants:* SCHAEFFER.

### Required Courses—Third Year

10. ANAESTHESIA.—Twelve weeks. II. Associate Professor CASSELS and others.

### Required Courses—Fourth Year

57. CLERKSHIP.—Given as a part of Surgery 57 (Surgical Clerkship). The student is assigned to anaesthesia full time for one week; under supervision he gives the anaesthetic to patients in the operating room. I, II, and III. Associate Professor CASSELS, Assistant Professor JACOBSON, and others.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.

# The College of Dentistry

808 South Wood Street, Chicago 12

THE COLLEGE OF DENTISTRY WAS FIRST ESTABLISHED IN 1892 as a proprietary institution, the Columbian Dental College. After a partial reorganization in 1898, it became known as the Illinois School of Dentistry. Its first affiliation with the University was made in 1901, when it was named the School of Dentistry of the University of Illinois. In 1905 the name was changed to the College of Dentistry, and in 1913 the University assumed complete control.

Since 1937 the College of Dentistry has been located in the Medical and Dental College Laboratories Building at the corner of Polk and Wood Streets. Its offices, classrooms, and clinics occupy the east tower of this building. To promote efficiency in teaching and better service to patients, each clinical department has its own infirmary, with equipment specially designed for its particular work. Some of the laboratories of the Colleges of Medicine and Pharmacy in the same building are used also for pre-clinical instruction of students in the College of Dentistry.

Instruction in the College of Dentistry is offered to candidates for the degree of Doctor of Dental Surgery and to graduate students who may or may not be candidates for higher degrees. The curriculum leading to the degree of Doctor of Dental Surgery extends through four academic years as summarized on the following page. The plan of instruction is based on the premise that dentistry is a branch of medicine, and to that end the courses of the first two years parallel the medical courses in the fundamental sciences, and in their major aspects are presented by members of the staff of the College of Medicine. During the second year, courses in basic dental technique are presented in addition to required courses in the fundamental sciences.

Actual clinical practice on patients continues throughout the third and fourth years, and the large number of patients applying for admission insures ample opportunity for the student to acquire the diagnostic and technical skill necessary to the practice of dentistry. In clinical teaching, emphasis is placed on diagnosis and the fact that the patient is the primary unit of study. The student is encouraged and given every opportunity to correlate oral and systemic diseases. In this connection the dental faculty enjoys the complete cooperation of the faculty of the College of Medicine. The important interrelations of dentistry and other branches of medicine are stressed by courses in medicine, pediatrics, and dermatology, which are given conjointly by members of the medical and dental faculties.

The clinical facilities and equipment in the dental infirmaries are of the most modern design, and the various clinics have been organized to provide maximum efficiency in operation and comfort for patients. Fully-equipped operating units have been provided in the major clinical departments to simulate the privacy of a dental office.

During their third and fourth years, students who have shown special aptitude and whose previous work has been of a sufficiently high quality, may be permitted to pursue advanced work in any department. If at the end of the fourth year the student's application and attainment are regarded as of a sufficiently high character, he may be awarded an honorary research assistantship.

Each year more hospitals are establishing dental internships. Students of the College of Dentistry are urged to take advantage of these opportunities to gain

## SUMMARY OF CLOCK HOURS IN THE COLLEGE OF DENTISTRY\*

Subjects	First Quarter		Second Quarter		Third Quarter		Total
	Didactic	Laboratory	Didactic	Laboratory	Didactic	Laboratory	
<b>FIRST YEAR</b>							
Anatomy, Gross .....	22	66	22	66	22	66	264
Anatomy, Neurology .....	..	..	..	..	11	22	33
Anatomy, Oral .....	11	33	11	33	11	33	132
Biological Chemistry .....	33	66	33	66	..	..	198
Fundamentals of Occlusion .....	11	..	5	..	..	..	16
Histology, Dental .....	..	..	10	20	22	44	96
Histology, General .....	22	44	12	24	..	..	102
History of Medicine and Dentistry .....	11	..	11	..	11	..	33
Physiology .....	..	..	..	..	44	57	101
<i>Total</i> .....	110	209	104	209	121	222	975
<b>SECOND YEAR</b>							
Applied Anatomy of Head and Neck .....	..	..	5	..	11	..	16
Bacteriology .....	35	65	11	33	..	..	143
Crowns and Fixed Dentures .....	..	..	..	..	11	143	154
Dentures, Full .....	..	..	8	20	8	60	96
Dentures, Removable and Partial .....	33	77	14	35	..	..	159
History of Medicine and Dentistry .....	33	..	..	..	..	..	33
Operative Dentistry .....	11	55	11	33	11	33	154
Pathology .....	..	..	44	44	44	44	176
Physiology .....	44	30	44	57	..	..	175
Preventive Medicine .....	..	..	..	..	33	..	33
Therapeutics .....	..	..	11	22	..	33	66
<i>Total</i> .....	154	228	148	244	118	313	1,205
Subjects	First Quarter		Second Quarter		Third Quarter		Total
	Didactic	Laboratory or clinic	Didactic	Laboratory or clinic	Didactic	Laboratory or clinic	
<b>THIRD YEAR</b>							
Anaesthetics .....	..	..	10	..	..	..	10
Crowns and Fixed Dentures (Clinic) .....	..	45	4	50	4	50	153
Crowns and Fixed Dentures (Technic) .....	11	99	..	..	..	..	110
Dentistry and Society .....	..	..	11	..	11	..	22
Dentures, Removable .....	..	45	4	50	4	50	153
Dermatology .....	..	..	11	..	..	..	11
Diagnosis .....	..	3	..	3	..	3	9
Materia Medica .....	22	..	22	..	22	..	66
Medicine .....	11	..	11	..	11	..	33
Operative Dentistry .....	11	45	11	50	11	50	178
Oral Hygiene and Public Health .....	11	..	..	..	..	..	11
Oral Pathology .....	33	44	..	..	..	..	77
Oral Surgery, Minor .....	..	..	..	4	..	4	8
Orthodontia .....	11	..	11	..	11	..	33
Pediatrics, Dental .....	11	..	11	..	11	..	33
Radiology .....	..	2	..	..	..	7	9
Radiographic Interpretation .....	10	..	..	..	..	..	10
Therapeutics, Clinic .....	..	45	..	50	..	50	145
Therapeutics, Didactic .....	..	..	11	..	11	..	22
<i>Total</i> .....	131	328	117	207	96	214	1,093
<b>FOURTH YEAR</b>							
Crowns and Fixed Dentures .....	8	55	8	50	..	50	171
Dentistry for Children .....	6	22	..	22	..	22	72
Dentures, Removable .....	5	55	6	50	5	50	171
Diagnosis .....	..	11	..	11	..	11	33
Elective .....	(11)	(33)	..	..	..	..	(44)
Jurisprudence .....	..	..	..	..	10	..	10
Medicine .....	11	..	11	..	11	..	33
Operative Dentistry .....	6	55	5	50	5	50	171
Oral Surgery .....	22	25	22	25	22	25	141
Oral Surgery, Minor .....	..	16	..	16	..	16	48
Orthodontia .....	11	..	11	22	..	8	52
Seminar .....	..	..	11	..	22	..	33
Therapeutics, Clinic .....	..	55	..	50	..	50	155
Therapeutics, Didactic .....	11	..	11	..	..	..	22
<i>Total</i> .....	80	294	85	296	75	282	1,112
<b>GRAND TOTAL</b> .....							4,395

\*Under the accelerated war program, the four academic years are completed in three calendar years.



experience before entering private practice, and every effort is made to assist fourth year students in securing such positions for the year following graduation. Most of the departments in this college also offer graduate courses leading to advanced degrees. A year of graduate work in orthodontia is available as preparation for the practice of orthodontia as a specialty.

The College of Dentistry has a museum of dental anatomy and comparative odontology containing fifteen hundred specimens, which supplement the anatomy and pathology museums in the College of Medicine.

For the *faculty* of the College of Dentistry, see page 56; for *admission*, see pages 92 and 93; for *fees*, see page 103; for *scholarships*, see page 116; for *loan funds*, see page 119; for *college organizations*, see page 365.

### Requirements for Graduation

A candidate for any degree in the College of Dentistry must show evidence of good moral character, pay all indebtedness to the University, obtain passing grades in all courses of the required curriculum, and have grades of "C" or better in at least three-fourths of the total hours taken in this college and counted toward the degree.

The degree of Doctor of Dental Surgery is awarded on the completion of the four-year curriculum in dentistry. At least the third and fourth years must be done in the College of Dentistry.

The degree of Bachelor of Science in Dentistry is awarded to students who have completed the first two years of work in the College of Dentistry, and who have the proper distribution of entrance credits (see page 93).

### Special Courses for Dentists

The College of Dentistry offers to legally qualified practitioners the following special short courses, each of which continues four weeks: ceramics; crowns and fixed partial dentures; full dentures and removable partial dentures; histology; operative dentistry; oral surgery; and therapeutics. The fee for each course is \$50. Descriptions of these courses appear under the various departments on the following pages.

In the special graduate course in orthodontia, which continues one year, the fee is \$100 for each quarter.

### Prizes in Dentistry

*Noyes Seminar Prize.*—Dr. Frederick B. Noyes, during the fourteen years he was Dean of the College of Dentistry, offered annual prizes for the three best papers written by students in the fourth-year seminar, a course in the writing of professional and scientific papers. The first prize was \$25, the second \$15, and the third \$10. At the time of Dean Noyes' retirement in 1940, members of the faculty, alumni, and friends established a fund to continue the annual awards for twelve years under the name of the Frederick B. Noyes Seminar Prize. Whenever the committee on awards is unable to determine which of two papers is the better, the prize is divided.

*Omicron Kappa Upsilon Membership Awards.*—Students whose scholastic records place them in the highest twelve per cent of each year's graduating class in dentistry are awarded membership in Omicron Kappa Upsilon, national honorary fraternity.

*Sigma Xi Prize.*—Students in the College of Dentistry are eligible to compete for the annual prize offered by the Society of the Sigma Xi as stated on page 369.

### License to Practice in England

The College of Dentistry of the University of Illinois has been listed since 1916 as one of the dental schools recognized by the Royal College of Surgeons, in London. This recognition implies that the Royal College of Surgeons will exempt graduates in dental surgery of the University of Illinois from the preliminary science examination for the license in dental surgery, and will accept such parts of the curriculum for the license as are completed in the College of Dentistry of the University of Illinois toward the curriculum of studies required for the license.

## COURSES OFFERED IN THE COLLEGE OF DENTISTRY

NOTE: The following list of courses is in alphabetic order of departments. Names of staff members in each department are listed by rank according to their appointments for 1944-1945, and by seniority of appointment within each rank, except the head of the department who is listed first. The courses offered in each department are listed numerically. In the description of each course the Roman numerals I, II, III indicate the first, second, and third quarters, respectively, and the Arabic numerals preceding them indicate the number of one-hour periods required for lecture, recitation, laboratory, etc., each week throughout the quarter unless otherwise stated. Credit is calculated in clock hours except in courses for graduate students which show the units of credit in parenthesis.

*A circular announcing courses to be offered in the coming year, and including other information for prospective students, may be obtained by addressing the Dean of the College of Dentistry, 808 South Wood Street, Chicago 12.*

### ADMITTING CLINIC

*Assistant Professors:* KREJCI<sup>1</sup> (Examiner).

*Instructors:* FORSLUND, BARNFIELD.

#### Required Courses—Third Year

31. ORAL DIAGNOSIS AND RADIOGRAPHIC INTERPRETATION.—Principles and methods. Lecture and quiz, 1 (eight weeks), I. Assistant Professor KREJCI.
35. DIAGNOSIS.—Clinic and conference, one 3-hour period (three weeks), I, II, and III. Students assigned in groups. Assistant Professor KREJCI.

#### Required Courses—Fourth Year

45. CLINICAL CONFERENCE.—I. Continuous through I, II, and III. Assistant Professor KREJCI.

#### Elective Courses—Fourth Year

51. DIAGNOSIS.—Lecture or conference, 1, clinic, one 3-hour period, I. Eligibility to be determined by student's record. Assistant Professor KREJCI.

## ANATOMY

*Professors:* KAMPMEIER (Head of Department), VON BONIN, ZIMMERMANN.

*Associate Professors:* JORANSON (Emeritus), WEBB, SIMER.

*Assistant Professors:* ZECHEL.

*Instructors:* FISCH, STEIN,<sup>2</sup> GLASSMAN.<sup>2</sup>

*Assistants:* COHEN.

#### Required Courses—First Year

11. SYSTEMATIC AND REGIONAL ANATOMY.—This includes a complete dissection of the body. Lecture, demonstration, recitation, and seminar, 2; laboratory, two 3-hour periods. Continuous through I, II, and III. Professor ZIMMERMANN, Dr. FISCH, Dr. COHEN.
15. NEUROLOGY.—Gross and microscopic anatomy of the nervous system; dissection of the brain and examination of stained sections; correlation of structure and function. Lecture, demonstration, and laboratory, one 3-hour period, III. Professor ZIMMERMANN.

#### Elective Courses—Fourth Year

51. ADVANCED ANATOMY OF THE HEAD AND NECK.—Lecture or quiz, 1, laboratory, one 3-hour period, I. Eligibility to be determined by student's record. Professor ZIMMERMANN.

<sup>1</sup>On leave of absence.

<sup>2</sup>On leave of absence for war service.

### Courses for Graduate Students

101. **ADVANCED ANATOMY.**—The work may take the direction either of macroscopic or of microscopic anatomy, or of both, according to the student's major problem; in macroscopic anatomy, a detailed dissection of the human body, or any of its parts; in microscopic anatomy (embryology, cytology, histology, etc.), a consideration of morphological changes in the organism which are directly correlated with normal processes, such as reproduction, differentiation, nutrition, growth, variation, regulation, regeneration, activity, secretion, rest, fatigue, senility. Course designed for students choosing anatomy as a minor, and for students preparing for individual research in anatomy. (1 to 2 units). Professors KAMPMEIER, VON BONIN, and ZIMMERMANN, Associate Professors WEBB and SIMER.
103. **INDIVIDUAL RESEARCH.**—In embryology, cytology and histology, neurology, anthropology and biometrics, experimental morphology, functional and applied anatomy. (1 to 3 units). Professors KAMPMEIER, VON BONIN, and ZIMMERMANN, Associate Professors WEBB and SIMER.

### APPLIED MATERIA MEDICA AND THERAPEUTICS

*Professors:* KESEL (Head of Department), McGUIGAN (Emeritus), CAMP.<sup>1</sup>  
*Assistant Professors:* WACH.  
*Associates:* GRUNWALD, KRAMP.  
*Instructors:* ELLINGSON, BERMAN, GRATZINGER.  
*Assistants:* McELROY, HIRSCHTICK, SHEPARD.  
*Cooperating:* Associate Professor M. K. HINE.<sup>2</sup>

#### Required Courses—Second Year

22. **TECHNIC.**—Methods of exposing, cleaning, enlarging, and filling root-canals. Principles of mouth examination and technic of oral prophylaxis. Lecture, I, laboratory, one 2-hour period, II; one 3-hour period, III. Professor KESEL, Assistant Professor WACH, Dr. KRAMP.

#### Required Courses—Third Year

31. **MATERIA MEDICA AND THERAPEUTICS.**—Nomenclature, classification and action of drugs, and prescription writing. Lecture, 2. Continuous through I, II, and III. Assistant Professor WACH.
33. **ORAL HYGIENE AND PUBLIC HEALTH.**—Measures for prevention of dental disease. The oral flora and its relation to disease. Technic of oral hygiene. Relation of the dentist to public health problems. Lecture, 1, I. Associate Professor HINE, Miss ELLINGSON.
34. **PERIODONTIA.**—Etiology, pathology, and treatment of diseases of the investing tissues of the teeth and of other oral tissues. Lecture, 1, II and III. Associate Professor HINE.
35. **CLINICAL PRACTICE.**—Clinical and laboratory examination; oral prophylaxis; treatment of the periodontal tissues; general management of root-canals. Conferences and demonstrations to groups. Continuous through I, II, and III. Members of the staff.

#### Required Courses—Fourth Year

41. **CLINICAL APPLIED MATERIA MEDICA AND THERAPEUTICS.**—Dental hypoplasias, erosion, and caries. Pathology and treatment of diseases of the dental pulp and periapical tissue. Tissue reactions in periapical region following pulp removal. Lecture, 1, I and II. Professor KESEL, Associate Professor HINE.
45. **CLINICAL PRACTICE.**—Clinical and laboratory examination and diagnosis of oral conditions; interpretation of radiograms; treatment of root-canals and periodontal tissues; records. Conferences and demonstrations to groups. Continuous through I, II, and III. Members of the staff.

<sup>1</sup>On leave of absence until January 1, 1945.

<sup>2</sup>Resigned.

### Elective Courses—Fourth Year

51. **ADVANCED THERAPEUTICS.**—Group or individual conference, 1; laboratory, one 3-hour period, I. Course limited to six students who are acceptable to the department. Professor KESEL, Associate Professor HINE.

### Special Courses for Dentists

61. **APPLIED MATERIA MEDICA AND THERAPEUTICS.**—Diseases of the dental pulp and the periapical tissues and their treatment. A study of tissue reactions following treatment as exhibited by clinical, radiographic, and microscopic findings. The management of clinical cases. Fee for one month, \$50. Professor KESEL, Associate Professor HINE.
62. **APPLIED MATERIA MEDICA AND THERAPEUTICS.**—Diseases of the periodontal tissues and their treatment. The microscopic study of the gingival crevice and pathologic pockets in human material. The management of clinical cases. Fee for one month, \$50. Professor KESEL, Associate Professor HINE.

### Courses for Graduate Students

101. **ADVANCED THERAPEUTICS.**—(1 or 2 units). Professor KESEL.
103. **THERAPEUTIC RESEARCH.**—(1 or 2 units). Professor KESEL.

## BACTERIOLOGY AND PUBLIC HEALTH

### Required Courses—Second Year

21. **GENERAL BACTERIOLOGY AND PROTOZOOLOGY.**—Same as B.P.H. 1 in College of Medicine.
23. **PREVENTIVE MEDICINE.**—Same as B.P.H. 2 in College of Medicine.

### Courses for Graduate Students

101. **ADVANCED BACTERIOLOGY.**—Same as B.P.H. 101 in College of Medicine.
103. **INDIVIDUAL RESEARCH.**—Same as B.P.H. 103 in College of Medicine.

## BIOLOGICAL CHEMISTRY

*Professors:* WELKER (Head of Department).

*Associate Professors:* BERGEIM.

*Assistant Professors:* COLE, JOHNSON.

*Instructors:* ROBBINS.

*Assistants:* NOBE.

### Required Courses—First Year

11. **CHEMISTRY OF CELL CONSTITUENTS.**—Physical and chemical properties of solutions; chemistry of carbohydrates, lipides, and proteins; enzymes and digestion. Lectures, demonstrations, conferences, laboratory, 9, I. Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON, Dr. ROBBINS.
12. **METABOLISM.**—Chemistry of bile, blood, milk, and tissues; chemistry of urine (qualitative and quantitative). Lectures, demonstrations, conferences, laboratory, 9, II. Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON, Dr. ROBBINS.

### Elective Courses

**RESEARCH.**—The laboratories are open to persons with the requisite scientific training for the conduct of original investigation.

**BIOCHEMICAL SEMINAR.**—The members of the teaching staff, graduate students, and others working in the field of biochemistry meet weekly to present and discuss the results of their own investigations, as well as to summarize some of the important advances in the field.

### Courses for Graduate Students

101. ADVANCED BIOLOGICAL CHEMISTRY.—(1 or 2 units). Professor WELKER, Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON.
102. METALLURGIC RESEARCH.—(1 or 2 units). Professor WELKER.
103. BIOCHEMICAL RESEARCH.—(1 or 2 units). Professor WELKER, Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON.

### DENTISTRY FOR CHILDREN

*Assistant Professors:* GERLACH (Superintendent of Children's Clinic).

*Associates:* NELSON.

*Instructors:* SPENCE.<sup>1</sup>

#### Required Courses—Fourth Year

45. DENTISTRY FOR CHILDREN.—Operative and therapeutic care of children's teeth. Clinical practice. Students assigned in groups. Lecture, 6, I; clinic, 22 hours, I, II, and III. Assistant Professor GERLACH, Dr. NELSON, and assistants.

#### Elective Courses—Fourth Year

51. DENTISTRY FOR CHILDREN.—Advanced studies in therapeutics, operative procedures, and principles of space maintenance. Lecture or conference, 1, clinic, one 3-hour period, I. Eligibility to be determined by student's record. Assistant Professor GERLACH, Dr. NELSON, and assistants.

### HISTOLOGY AND EMBRYOLOGY

*Professors:* SCHOUR (Head of Department).

*Assistant Professors:* MASSLER (Director of Child Research Clinic).

*Associates:* THOMPSON.

*Instructors:* HERZBERG,<sup>1</sup> SPENCE,<sup>1</sup> GAGNON.

*Cooperating:* Assistant Professor MARGOT ULLOA.

#### Required Courses—First Year

11. ORAL ANATOMY AND COMPARATIVE ODONTOLOGY.—A study of the oral structures of man, with emphasis on tooth form and function. The natural history of the teeth and jaws approached through the evidence of genetics, comparative anatomy, and organic evolution. Lecture or quiz, 1, laboratory, one 3-hour period. Continuous through I, II, and III. Assistant Professor ULLOA, Dr. THOMPSON.
15. GENERAL HISTOLOGY.—Cell structure; relation of cells and intercellular substances; the elementary tissue; the histology of the organs of the circulatory, alimentary, respiratory, genito-urinary, and nervous systems, and the skin and its appendages. Lecture or quiz, 2, laboratory, two 2-hour periods, I; (six weeks), II. Professor SCHOUR and others.
16. DENTAL HISTOLOGY AND EMBRYOLOGY.—Embryology of the face, oral cavity and teeth. The development of the tooth and its investing apparatus in terms of its growth, calcification, and eruption. The structure of the dental and oral tissues. The course also includes histo-physiologic aspects of clinical dentistry. Lecture, recitation, or seminar, 2, laboratory, two 2-hour periods, (five weeks), II; III. Professor SCHOUR and others.

#### Elective Courses—Fourth Year

51. ADVANCED EMBRYOLOGY OF THE TEETH AND ORAL CAVITY.—Course limited to five students acceptable to the department. Lecture, 1, laboratory, one 3-hour period, I. Professor SCHOUR.

<sup>1</sup>On leave of absence for war service.

53. **ADVANCED HISTOLOGY OF THE TEETH AND ORAL CAVITY.**—Course limited to five students acceptable to the department. Lecture, 1, laboratory, one 3-hour period, I. Professor SCHOUR.

#### Special Courses for Dentists

61. **HISTOLOGY.**—Conference and demonstration on the following subjects: cells, epithelial tissue, connective tissue, embryology of tooth, enamel, dentin and cementum, periodontal membrane, mandible, mouth tissues. Histologic analysis of the teeth of animals which have been subjected to various endocrine, vitamin, and other metabolic disturbances. Fee for one month, \$50. Professor SCHOUR.

#### Courses for Graduate Students

101. **ADVANCED DENTAL HISTOLOGY.**—(1 or 2 units). Professor SCHOUR.  
 102. **RESEARCH IN MICROSCOPIC ANATOMY (TEETH AND RELATED TISSUES).**—(1 to 3 units). Professor SCHOUR.  
 103. **EXPERIMENTAL HISTO-PHYSIOLOGY OF TEETH AND INVESTING TISSUES.**—(1 to 3 units). Professor SCHOUR.

### JURISPRUDENCE

*Lecturers:* JOHNSON

#### Required Courses—Fourth Year

43. **JURISPRUDENCE.**—The principles of law governing individual and professional rights and obligations; rights and obligations arising from the relationship of dentist and patient and their enforcement in court; expert testimony; state dental statute and general law. Lecture, 1 (ten weeks), III. Mrs. JOHNSON.

### MEDICAL AND DENTAL HISTORY

*Assistant Professors:* TALBOT

#### Required Courses—First Year

11. **HISTORY OF MEDICINE AND DENTISTRY.**—1. Continuous through I, II, and III.

#### Required Courses—Second Year

21. **HISTORY OF MEDICINE AND DENTISTRY.**—3, I.

#### Required Courses—Third Year

32. **DENTISTRY AND SOCIETY.**—1, II and III.

#### Required Courses—Fourth Year

42. **SEMINAR.**—Consultations on the preparation of scientific papers. Reading and discussion of papers. 1, II; 2, III.

#### Elective Courses—Fourth Year

51. **SOCIAL PROBLEMS.**—1, I.

### MEDICINE

*Professors:* KEETON, HESS (Emeritus), SENEAR, PONCHER, FOLEY.

*Associate Professors:* CORNBLEET, BRONSTEIN, BIRCH, CARO.

*Assistant Professors:* DALITSCH,<sup>1</sup> PERLSTEIN, LEE.

*Instructors:* WEICHELBAUM.

*Cooperating:* Assistant Professors F. F. KANTHAK<sup>1</sup> and M. MASSLER.

<sup>1</sup>On leave of absence for war service.

**Required Courses—Third Year**

31. DENTAL PEDIATRICS.—Lecture, 1. Continuous through I, II, and III. Assistant Professor MASSLER.
34. DERMATOLOGY.—Lecture and clinic, 1, II. Associate Professors CORNBLEET and CARO, Assistant Professor PERLSTEIN, Dr. WEICHELBAUM.
35. MEDICINE.—Lecture, 1. Continuous through I, II, and III. Assistant Professor LEE.

**Required Courses—Fourth Year**

45. MEDICINE.—Lecture and clinic, 1. Continuous through I, II, and III. Assistant Professor LEE.

**Elective Courses**

51. HOSPITAL DENTISTRY.—Dental treatment of hospital patients, with a discussion of hospital procedure. Open to five qualified students. Lecture or conference, 1, clinic, one 3-hour period, I. Eligibility to be determined by student's record. Assistant Professor MASSLER.

**Courses for Graduate Students**

101. RESEARCH IN MEDICINE.—(1 to 3 units). Professors KEETON and FOLEY, Associate Professor BIRCH.

**OPERATIVE DENTISTRY****(Clinical Stomatology)**

*Professors:* HATCH (Head of Department and Director of Clinics), GALLIE (Emeritus).

*Assistant Professors:* GERLACH (Superintendent of Children's Clinic), KREJCI<sup>1</sup> (Examiner in the Admitting Clinic), ULLOA, HURME.

*Associates:* BAXTER, BESIC.

*Instructors:* DIETZ,<sup>2</sup> LINK, WASHBURN.

**Required Courses—Second Year**

21. OPERATIVE DENTISTRY (CLINICAL STOMATOLOGY).—Application of the fundamental sciences to the study and treatment of oral disease. Lecture and quiz, 1, laboratory, 7, I; lecture, 1, laboratory, 3, II and III. Professor HATCH, Assistant Professors ULLOA and HURME, Dr. LINK, Dr. WASHBURN.

**Required Courses—Third Year**

35. OPERATIVE DENTISTRY (CLINICAL STOMATOLOGY).—The student by actual practice in the clinic receives training in the diagnosis and treatment of diseased conditions of the mouth. The main objective is to make practical application of the basic biologic sciences as they apply to the study, diagnosis, and treatment of oral disease. Lecture, 1. Continuous through I, II, and III. Members of the staff.

**Required Courses—Fourth Year**

45. OPERATIVE DENTISTRY (CLINICAL STOMATOLOGY).—Continuation of course 35. Emphasis is placed on the study of patients as constitutional entities; oral diseases are considered not as isolated local phenomena, but as expressions of disharmony affecting the whole organism. During the fourth year greater responsibility for the management of cases is placed on the student to encourage the development of individual responsibility and initiative. Lecture, 1, bi-weekly. Continuous through I, II, and III. Members of the staff.

**Elective Courses**

51. OPERATIVE DENTISTRY (CLINICAL STOMATOLOGY).—Relation of basic sciences to special dental problems (in cooperation with Colleges of Pharmacy and Medicine). Eligibility to be determined by student's record. 4, I. Dr. BESIC.

<sup>1</sup>On leave of absence.

<sup>2</sup>On leave of absence for war service.

### Special Courses for Dentists

61. OPERATIVE DENTISTRY (CLINICAL STOMATOLOGY).—Special courses for dentists may be arranged by consultation with the Dean and the Head of the Department. Fee for one month, \$50. Members of the staff.

### ORAL AND PLASTIC SURGERY

*Professors:* L. SCHULTZ (Emeritus).

*Assistant Professors:* L. W. SCHULTZ (assigned to Research and Educational Hospital), KANTHAK,<sup>1</sup> DROBA, OLECH, THOMPSON.

*Associates:* KILLIP.

*Instructors:* RIEKE, SAMORS.

*Assistants:* WLODKOWSKI, MAYNE.

#### Required Courses—Third Year

31. ANAESTHETICS.—Lecture and conference, I, II. Assistant Professors OLECH and DROBA.
34. MINOR ORAL SURGERY CLINIC.—Students assigned in groups, one 4-hour period (two weeks), II or III. Assistant Professors OLECH and DROBA, Dr. SAMORS, Dr. WLODKOWSKI, Miss RIEKE.

#### Required Courses—Fourth Year

41. ORAL SURGERY.—Clinic, 25 hours; lecture, 22 hours. I, II, and III. Assistant Professors OLECH and DROBA, Dr. SAMORS, Miss RIEKE, Dr. MAYNE.
45. MINOR ORAL SURGERY CLINIC.—Students assigned in groups, six 4-hour periods. Continuous through I, II, and III. Assistant Professors OLECH and DROBA, Dr. SAMORS, Dr. WLODKOWSKI, Miss RIEKE.

#### Elective Courses—Fourth Year

51. MINOR ORAL SURGERY.—Extended instruction. Lecture, 1, laboratory, one 3-hour period, I. Eligibility to be determined by student's record. Assistant Professor DROBA, Miss RIEKE.

### Special Courses for Dentists

61. MINOR ORAL SURGERY.—Instruction in extraction of teeth, minor oral surgery, and oral pathology. Arranged by conference with the Head of the Department. Fee for one month, \$50. Assistant Professors OLECH and DROBA, Miss RIEKE.

#### Courses for Graduate Students

103. ORAL SURGERY.—(2 units).

### ORTHODONTIA

*Professors:* BRODIE (Head of Department), NOYES (Emeritus).

*Assistant Professors:* DOWNS, MASSLER (Director of Child Research Clinic).

*Instructors:* MYER, GOLDSTEIN.

*Cooperating:* Dr. J. R. THOMPSON.

#### Required Courses—First Year

11. FUNDAMENTALS OF OCCLUSION.—Phylogenetic development of teeth, jaws, and face; comparative odontology; analysis of animal dentures and significance of tooth form. Lecture, I, I; (five weeks), II. Professor BRODIE.

<sup>1</sup>On leave of absence for war service.



## Required Courses—Second Year

22. ANALYSIS OF ANATOMY OF HEAD AND NECK.—Review of osteology and myology of head and neck; significance of bone design in relation to function; analysis of muscular forces operating in the dental region. Lecture, I (five weeks), II; III. Professor BRODIE.

## Required Courses—Third Year

31. ORTHODONTIA.—Analysis of anatomy of head and neck; growth and development of head and neck; orthopaedic principles; etiology of malocclusion; diagnosis and case analysis. Lecture, I. Continuous through I, II, and III. Professor BRODIE.

## Required Courses—Fourth Year

41. ORTHODONTIA.—History, development of appliances and treatment methods, principles of treatment; possibilities and limitation of treatment. Lecture, I, I and II. Professor BRODIE.
44. ORTHODONTIA.—Presentation of cases showing records taken, analysis, prognosis, treatment, and results. One 2-hour period, II; students assigned in groups, four 2-hour periods, III. Professor BRODIE, Assistant Professor DOWNS, Dr. MYER, Dr. GOLDSTEIN, Dr. THOMPSON.

## Elective Courses—Fourth Year

51. ORTHODONTIA.—Growth and development of the head. Lecture, I, laboratory, one 3-hour period, I. Eligibility to be determined by student's record. Professor BRODIE, Dr. GOLDSTEIN.

## Courses for Graduate Students

101. ORTHODONTIA.—(1 to 3 units). Professor BRODIE.

## PATHOLOGY

*Professors:* BENNETT (Head of Department), DAVIS (Emeritus), LEVINSON, SAPIIR, RUKSTINAT.

*Associate Professors:* DAVIDSOHN, HINE,<sup>1</sup> KRAKOWER, NEDZEL, PILOT.<sup>2</sup>

*Assistant Professors:* MILLES.<sup>2</sup>

*Instructors:* BARNFIELD.

*Cooperating:* Professors R. G. KESEL and I. SCHOUR, Assistant Professors M. MASSLER and E. OLECH.

## Required Courses—Second Year

22. GENERAL AND SPECIAL PATHOLOGY.—The basic principles of pathologic processes, including tissue injury and repair, inflammation, circulatory disturbances, retrograde processes and tissue responses to specific infectious agents and neoplasms, are considered in the first part of this course. In the latter part of the course, the disease processes affecting each organ and anatomic system are considered in greater detail. Post-mortem examinations with student assistance are conducted before the class. Lectures, demonstrations, quiz conferences, autopsies, and laboratory. Nine hours each week, II and III. Professors BENNETT, LEVINSON, RUKSTINAT, and SAPIIR, Associate Professors DAVIDSOHN, KRAKOWER, and NEDZEL, Dr. BARNFIELD, and others.

## Required Courses—Third Year

31. ORAL PATHOLOGY.—Lecture, recitation, demonstration, 3, laboratory, two 2-hour periods, I. Professors KESEL and SCHOUR, Associate Professor HINE, Assistant Professors MASSLER and OLECH, Dr. BARNFIELD.

<sup>1</sup>Resigned.

<sup>2</sup>On leave of absence for war service.

**Elective Courses**

51. ORAL PATHOLOGY.—Tumors of the mouth. Lecture, 1, laboratory, one 3-hour period, I. Eligibility to be determined by student's record. Associate Professor HINE, Dr. BARNFIELD.

**Courses for Graduate Students**

101. ADVANCED PATHOGENESIS.—(1 to 3 units). Professor BENNETT, Associate Professor NEDZEL.  
 103. INDIVIDUAL RESEARCH.—(1 to 3 units). Professor BENNETT, Associate Professor NEDZEL.  
 105. ORAL PATHOLOGY.—(1 to 3 units). Professor KESEL, Associate Professor HINE.

**PHYSIOLOGY****Required Courses—First Year**

13. HUMAN PHYSIOLOGY.—Same as Physiology 1 in College of Medicine.

**Required Courses—Second Year**

21. HUMAN PHYSIOLOGY.—Same as Physiology 2 in College of Medicine.  
 23. HUMAN PHYSIOLOGY.—Same as Physiology 3 in College of Medicine.

**Elective Courses**

51. SPECIAL ADVANCED PHYSIOLOGY.—Same as Physiology 51 in College of Medicine.  
 55. PROBLEMS IN PHYSIOLOGY.—Same as Physiology 55 in College of Medicine.

**Courses for Graduate Students**

101. RESEARCH IN PHYSIOLOGY.—Same as Physiology 101 in College of Medicine.

**PROSTHETIC DENTISTRY****CROWNS AND FIXED PARTIAL DENTURES**

*Professors:* DITTMAR (Emeritus), TYLMAN.

*Assistant Professors:* BAZOLA.

*Associates:* CURTIS, RAGAN.

*Instructors:* ELFENBAUM.

*Assistants:* STOCKTON,<sup>1</sup> KULHANEK, RIEMER.

**Required Courses—Second Year**

23. TECHNIC.—Construction of inlay, three-quarter and crown retainers; pontics, simple types of fixed and semi-fixed partial dentures. Lecture, 1, laboratory, three 3-hour periods, III. Professor TYLMAN and members of the staff.  
 25. CERAMICS.—History, physical characteristics, and application of porcelain; preparations; construction of complete crowns and pontics; stains. Laboratory, one 4-hour period, III. Professor TYLMAN and members of the staff.

**Required Courses—Third Year**

31. TECHNIC.—Compound types of fixed and semi-fixed partial dentures. Lecture or quiz, 1, laboratory, three 3-hour periods, I. Professor TYLMAN and members of the staff.  
 35. CLINICAL PRACTICE.—Simple types of crowns and partial dentures; diagnosis. Conferences and demonstrations to groups, continuous through I, II, and III. Lecture, 1 (four weeks), II and III. Members of the staff.

<sup>1</sup>On leave of absence for war service.

**Required Courses—Fourth Year**

45. **CLINICAL PRACTICE.**—Diagnosis; complex types of fixed and semi-fixed partial dentures, obturators; porcelain restorations. Conferences and demonstrations, continuous through I, II, and III. Lecture, 1 (eight weeks), I and II. Members of the staff.

**Elective Courses**

51. **DENTAL MATERIALS.**—A study of the chemical and physical properties of the materials used in dentistry. Lecture, 1; laboratory, one 3-hour period, I. Eligibility to be determined by student's record. Professor TYLMAN.

**Special Courses for Dentists**

61. **ORAL, FACIAL, AND SOMATOPROSTHESIS.**—The replacement of oral, facial, and other anatomical structures by artificial substitutes. Clinical and laboratory training in constructing and adapting anatomical replacements such as velum obturators and artificial ears and noses of resilient and elastic synthetic resins. Fee for one month, \$50. Professor TYLMAN.
62. **DENTAL CERAMICS, CROWNS, AND FIXED PARTIAL DENTURES.**—The principles underlying the preparation and construction of crowns, bridge retainers, pontics, and connectors. An analysis of clinical data in relation to proper diagnosis, classification, and indications of various types of fixed restorations. A correlation of the manipulation and properties of the various materials used in this course. Fee for one month, \$50. Professor TYLMAN.

**FULL DENTURES AND REMOVABLE PARTIAL DENTURES**

*Professors:* KELLOGG, KUBACKI.

*Associates:* HATTENHAUER, BOSTIAN.

*Assistants:* HOLIC,<sup>1</sup> DITTMAR,<sup>1</sup> KINSINGER,<sup>1</sup> BONE, WEIHE, KWICINSKI.

**Required Courses—Second Year**

21. **TECHNIC.**—Partial denture construction. Lecture and laboratory, 10, I; lecture and laboratory, 7 (seven weeks), II. Professors KELLOGG and KUBACKI, and assistants.
22. **TECHNIC.**—Full denture construction. Lecture and laboratory, 7 (four weeks), II; lecture and laboratory, 6, III. Professors KELLOGG and KUBACKI, and assistants.

**Required Courses—Third Year**

35. **CLINICAL PRACTICE.**—Partial and full dentures. Conferences and demonstrations to groups, continuous through I, II, and III. Lecture, 1 (four weeks), II and III. Professors KELLOGG and KUBACKI, and assistants.

**Required Courses—Fourth Year**

45. **CLINICAL PRACTICE.**—Partial and full denture construction. Lecture, 1, bi-weekly. Continuous through I, II, and III. Members of the staff.

**RADIOLOGY**

*Assistant Professors:* WACHOWSKI (in charge).

*Technicians:* ANDERSON.<sup>2</sup>

**Required Courses—Third Year**

31. **RADIOLOGY.**—History and theory. Lecture, 1 (two weeks), I. Assistant Professor WACHOWSKI.
35. **RADIOLOGY.**—Technic and clinical practice. Demonstrations and conferences. Students assigned in groups, one 2-hour period, I or II; one 7-hour period, III. Miss ANDERSON.

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned.

# The College of Pharmacy

808 South Wood Street, Chicago 12

THE COLLEGE OF PHARMACY WAS FIRST ESTABLISHED IN 1859 as a proprietary school, the Chicago College of Pharmacy. The college was formally united with the University on May 1, 1896, becoming then the School of Pharmacy of the University of Illinois, and in 1932 the name was changed to the College of Pharmacy. In 1940 the College of Pharmacy was moved from its old location, 715 South Wood Street, to new quarters in the Medical and Dental College Laboratories Building, and most of its equipment was either reconditioned or replaced by new equipment.

Pharmacy is a health profession concerned with the selection, preservation, standardization, and preparation of drugs and medicinals. It is based on two groups of fundamental sciences, the physical and the biological. Advancements in these sciences have contributed so much to the health professions that it is imperative for the pharmacist to be thoroughly trained in the fundamental sciences before undertaking the study of applied and professional subjects. Accordingly, the first two years of the curriculum in the College of Pharmacy are devoted to the physical and biological sciences and other subjects necessary to the practice of pharmacy.

As there are several allied and related fields to which individuals with a pharmaceutical training are particularly adaptable, the College of Pharmacy permits each student to select a field of specialization for his third and fourth years. During these years all students pursue the prescribed courses in applied pharmacy, organic and pharmaceutical chemistry, bacteriology, physiology, and pharmacology, and each student elects additional courses pertinent to his field of specialization.

The four-year curriculum, leading to the degree of Bachelor of Science in Pharmacy, is summarized on pages 408-411. The courses listed for the first two years are required of all students. For the third and fourth years each student selects one of the five majors as his field of specialization. The retail pharmacy major and the hospital pharmacy major both permit specialization in applied pharmacy. The other three majors are designed for students desiring special preparation for work in analytical chemistry, food and drug laboratories, and pharmacognosy, or for graduate study.

Graduate courses leading to the degree of Master of Science are offered in chemistry, pharmacognosy, pharmacology, and hospital pharmacy. Courses leading to the degree of Doctor of Philosophy are offered in pharmacognosy and chemistry. For regulations of the Graduate School governing candidates for advanced degrees, see page 216.

The College of Pharmacy has a museum including more than 10,000 specimens of crude drugs and technical products. One collection is classified according to botanical origin and is arranged in cases illustrating habitat, commerce, etc. Another collection contains every drug officially listed in the United States Pharmacopoeia since 1820 or in the National Formulary since 1888.

For the *faculty* of the College of Pharmacy, see page 59; for *admission*, see pages 92 and 95; for *fees*, see page 103; for *scholarships and fellowships*, see page 116; for *loan funds*, see page 119; for *college organizations*, see page 365.

### Requirements for Graduation

A candidate for the degree of Bachelor of Science in Pharmacy must show evidence of good moral character, pay all indebtedness to the University, obtain passing grades in all courses of the required curriculum, and have grades of "C" or better in at least three-fourths of the total hours taken in the College of Pharmacy and counted toward the degree. A minimum total of 200 quarter hours of credit is required. Either the first three years or the last year of work must be done in the College of Pharmacy.

NOTE.—Before a student may register for the regular number of quarter hours of work in the second, third, or fourth year, he must have earned a minimum of hours of credit with grades of "C" or better in the preceding year or years, as follows:

25 credit hours with grades of "C" or better, before beginning the second year.

70 credit hours with grades of "C" or better, before beginning the third year.

110 credit hours with grades of "C" or better, before beginning the fourth year.

Should these minima not be obtained, the student will be required to repeat some of the courses of the year just completed in which grades of "D" were received.

### State Registration of Pharmacists

The Illinois pharmacy law provides that a candidate for the certificate of registered pharmacist must be at least twenty-one years of age, must be of good moral character and temperate habits, must be a graduate from a school of pharmacy recognized by the State Department of Registration and Education, and must have had four years of experience in pharmacy and have passed the examination given by the State Board of Pharmacy.

There is also a provision whereby persons may register by reciprocity with other states in which they hold certificates of registration. There are forty-six states that reciprocate with Illinois in this way. Certain rules must be complied with, certain fees paid, and the application should be made to the National Association of Boards of Pharmacy.

Particular attention is called to the clause regarding practical experience. Actual time of attendance at a recognized school of pharmacy, but not to exceed three years, will be allowed on the four years of experience required by law. The remainder of the experience must have been in compounding and dispensing drugs, medicines, and poisons under the supervision of a registered pharmacist in a drug store or pharmacy where the prescriptions of medical practitioners are compounded. Attention is called to the fact that the College of Pharmacy is the only recognized school of this kind in Illinois.

It is important that every student desiring to qualify in Illinois should become registered as an apprentice as early as possible, since the experience time mentioned above is counted only from the date of registration as an apprentice. Any time spent prior to this date is not credited as experience.

### Special Course for Pharmacists

An annual conference for practicing pharmacists is held in April by the College of Pharmacy. The three-day program includes lectures, demonstrations, and discussions on latest developments in pharmacy. A registration fee of \$5 is charged.

### Prizes in Pharmacy

*Elich Prize.*—Mr. Herman Elich, an alumnus of the College of Pharmacy, offers annually a prize of \$25 to the senior student who attains the highest average in pharmacognosy.

*Gray Prize.*—Mr. William Gray offers a membership in the American Pharmaceutical Association for one year as a prize for excellence in dispensing.

*Rho Chi Prize.*—Phi Chapter of Rho Chi, honorary pharmaceutical society, awards annually an embossed copy of the United States Dispensatory to the student attaining the highest average grade in the sophomore year of the College of Pharmacy.

*Van Schaack Prize.*—By the will of Cornelius P. Van Schaack, the College of Pharmacy received the sum of one thousand dollars, the income from which may be used for the purchase of a gold medal. The award is made to the senior student making the highest four-year average in chemistry.

## SUMMARY OF CURRICULUM IN PHARMACY

## First Two Years in All Curricula

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
<b>FIRST YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 11.....	3	3	6	4
English 11.....	3	..	3	3
Pharmacy 11.....	3	..	3	3
Zoology 11.....	4	6	10	6
Hygiene 11.....	1	..	1	0
<i>Total</i> .....	<u>14</u>	<u>9</u>	<u>23</u>	<u>16</u>
<b>SECOND QUARTER</b>				
Chemistry 12.....	3	3	6	4
English 12.....	3	..	3	3
Mathematics 12.....	4	..	5	5
Pharmacy 12.....	2	2	4	3
Botany 12.....	2	4	6	4
<i>Total</i> .....	<u>14</u>	<u>9</u>	<u>24</u>	<u>19</u>
<b>THIRD QUARTER</b>				
Chemistry 13.....	3	3	6	4
English 13.....	3	..	3	3
Mathematics 13.....	3	..	4	4
Pharmacy 13.....	2	2	4	3
Botany 13.....	2	4	6	4
<i>Total</i> .....	<u>13</u>	<u>9</u>	<u>23</u>	<u>18</u>
<b>SECOND YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 21.....	3	6	9	5
Pharmacy 21.....	3	3	6	4
Chemistry 25.....	3	6	9	5
Physics 21.....	3	3	6	4
<i>Total</i> .....	<u>12</u>	<u>18</u>	<u>30</u>	<u>18</u>
<b>SECOND QUARTER</b>				
Chemistry 22.....	2	6	8	4
Pharmacy 22.....	3	3	6	4
Chemistry 26.....	3	6	9	5
Physics 22.....	3	3	6	4
<i>Total</i> .....	<u>11</u>	<u>18</u>	<u>29</u>	<u>17</u>
<b>THIRD QUARTER</b>				
Chemistry 23.....	2	6	8	4
Pharmacy 23.....	3	3	6	4
Chemistry 27.....	3	6	9	5
Physics 23.....	3	3	6	4
<i>Total</i> .....	<u>11</u>	<u>18</u>	<u>29</u>	<u>17</u>

## Retail Pharmacy Major

<b>THIRD YEAR</b>				
<b>FIRST QUARTER</b>				
Pharmacognosy 31.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Pharmacy 34.....	2	..	2	2
Pharmacy 35a.....	2	..	2	2
Accounting 31.....	2	3	5	3
<i>Total</i> .....	<u>12</u>	<u>13</u>	<u>25</u>	<u>16</u>
<b>SECOND QUARTER</b>				
Pharmacognosy 32.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Pharmacy 35b.....	2	..	2	2
Physiology 32.....	4	3	7	5
<i>Total</i> .....	<u>12</u>	<u>13</u>	<u>25</u>	<u>16</u>
<b>THIRD QUARTER</b>				
Bacteriology 33.....	5	6	11	8
Pharmacognosy 33.....	3	6	9	5
Pharmacy 33.....	3	4	7	4
<i>Total</i> .....	<u>11</u>	<u>16</u>	<u>27</u>	<u>17</u>

## SUMMARY OF CURRICULUM IN PHARMACY (continued)

## Retail Pharmacy Major (continued)

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
<b>FOURTH YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 41.....	2	9	11	5
Pharmacology 41.....	3	2	5	4
Pharmacy 41.....	2	4	6	4
Pharmacy 45.....	1	..	1	1
Electives.....	(. .)	(. .)	(. .)	3
<i>Total</i> .....	(8)	(15)	(23)	17
<b>SECOND QUARTER</b>				
Chemistry 42.....	4	..	4	4
Pharmacology 42.....	3	2	5	4
Pharmacy 42.....	2	4	6	4
Pharmacy 46.....	1	..	1	1
Pharmacy 44.....	2	6	8	4
<i>Total</i> .....	12	12	24	17
<b>THIRD QUARTER</b>				
Pharmacology 43.....	3	2	5	4
Pharmacy 43.....	2	4	6	4
Pharmacy 47.....	1	..	1	1
Hygiene 41.....	2	2	4	3
Pharmacy 48.....	3	..	3	3
<i>Total</i> .....	11	8	19	15

## Hospital Pharmacy Major

<b>THIRD YEAR</b>				
<b>FIRST QUARTER</b>				
Pharmacognosy 31.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Pharmacy 35a.....	2	..	2	2
Pharmacognosy 34.....	2	3	5	3
Pharmacy 34.....	2	..	2	2
<i>Total</i> .....	12	13	25	16
<b>SECOND QUARTER</b>				
Pharmacognosy 32.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Pharmacy 35b.....	2	..	2	2
Physiology 32.....	4	3	7	5
Pharmacognosy 35.....	1	6	7	3
<i>Total</i> .....	13	19	32	19
<b>THIRD QUARTER</b>				
Pharmacognosy 33.....	3	6	9	5
Bacteriology 33.....	5	6	11	8
Pharmacy 33.....	3	4	7	4
<i>Total</i> .....	11	16	27	17
<b>FOURTH YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 41.....	2	9	11	5
Chemistry 47.....	5	4	9	6
Pharmacology 41.....	3	2	5	4
Pharmacy 45.....	1	..	1	1
Pharmacy 49.....	1	6	7	3
<i>Total</i> .....	12	21	33	19
<b>SECOND QUARTER</b>				
Chemistry 42.....	4	..	4	4
Chemistry 48.....	5	4	9	6
Pharmacology 42.....	3	2	5	4
Pharmacy 46.....	1	..	1	1
Pharmacy 50.....	1	6	7	3
<i>Total</i> .....	14	12	26	18
<b>THIRD QUARTER</b>				
Bacteriology 43.....	..	6	6	3
Hygiene 41.....	2	2	4	3
Pharmacology 43.....	3	2	5	4
Pharmacy 47.....	1	..	1	1
Pharmacy 51.....	1	6	7	3
Electives.....	(. .)	(. .)	(. .)	2
<i>Total</i> .....	(7)	(16)	(23)	16

## SUMMARY OF CURRICULUM IN PHARMACY (continued)

## Chemistry Major

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
<b>THIRD YEAR</b>				
<b>FIRST QUARTER</b>				
Pharmacognosy 31.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Pharmacognosy 34.....	2	3	5	3
Chemistry 34a.....	2	3	5	3
Total.....	10	16	26	15
<b>SECOND QUARTER</b>				
Pharmacognosy 32.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Physiology 32.....	4	3	7	5
Chemistry 34b.....	2	3	5	3
Total.....	12	16	28	17
<b>THIRD QUARTER</b>				
Pharmacognosy 33.....	3	6	9	5
Pharmacy 33.....	3	4	7	4
Bacteriology 33.....	5	6	11	8
Total.....	11	16	27	17
<b>FOURTH YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 41.....	2	9	11	5
Pharmacology 41.....	3	2	5	4
Chemistry 45.....	4	0	4	4
Pharmacognosy 45.....	0	6	6	2
Chemistry 47.....	3	6	9	6
Total.....	12	23	35	21
<b>SECOND QUARTER</b>				
Chemistry 42.....	4	..	4	4
Pharmacology 42.....	3	2	5	4
Chemistry 48.....	3	6	9	6
Chemistry 46.....	2	9	11	5
Total.....	12	17	29	19
<b>THIRD QUARTER</b>				
Pharmacology 43.....	3	2	5	4
Chemistry 43.....	2	9	11	5
Chemistry 49.....	2	9	11	5
Total.....	7	20	27	14

## Food and Drug Major

<b>THIRD YEAR</b>				
<b>FIRST QUARTER</b>				
Pharmacognosy 31.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Chemistry 34a.....	2	3	5	3
Pharmacognosy 34.....	2	3	5	3
Total.....	10	16	26	15
<b>SECOND QUARTER</b>				
Pharmacognosy 32.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Chemistry 34b.....	2	3	5	3
Physiology 32.....	4	3	7	5
Total.....	12	16	28	17
<b>THIRD QUARTER</b>				
Pharmacognosy 33.....	3	6	9	5
Pharmacy 33.....	3	4	7	4
Bacteriology 33.....	5	6	11	8
Total.....	11	16	27	17



## SUMMARY OF CURRICULUM IN PHARMACY (continued)

## Food and Drug Major (continued)

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
<b>FOURTH YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 41.....	2	9	11	5
Pharmacology 41.....	3	2	5	4
Chemistry 40.....	2	0	2	2
Pharmacy 45.....	1	0	1	1
Chemistry 45.....	4	0	4	4
Pharmacognosy 45.....	0	6	6	2
<i>Total</i> .....	<u>12</u>	<u>17</u>	<u>29</u>	<u>18</u>
<b>SECOND QUARTER</b>				
Chemistry 42.....	4	0	4	4
Pharmacology 42.....	3	2	5	4
Pharmacy 46.....	1	0	1	1
Chemistry 44a.....	2	6	8	4
Pharmacognosy 43.....	2	9	11	5
<i>Total</i> .....	<u>12</u>	<u>17</u>	<u>29</u>	<u>18</u>
<b>THIRD QUARTER</b>				
Pharmacology 43.....	3	2	5	4
Chemistry 44b.....	2	6	8	4
Chemistry 43 or.....	2	9	11	5
Chemistry 49.....	(2)	(9)	(11)	(5)
Pharmacy 47.....	1	0	1	1
Pharmacognosy 41.....	3	0	3	3
<i>Total</i> .....	<u>11</u>	<u>17</u>	<u>28</u>	<u>17</u>

## Pharmacognosy Major

<b>THIRD YEAR</b>				
<b>FIRST QUARTER</b>				
Pharmacognosy 31.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Pharmacognosy 34.....	2	3	5	3
Pharmacognosy 36.....	1	9	10	4
<i>Total</i> .....	<u>9</u>	<u>22</u>	<u>31</u>	<u>16</u>
<b>SECOND QUARTER</b>				
Pharmacognosy 32.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Pharmacognosy 35.....	1	6	7	3
Physiology 32.....	4	3	7	5
<i>Total</i> .....	<u>11</u>	<u>19</u>	<u>30</u>	<u>17</u>
<b>THIRD QUARTER</b>				
Pharmacognosy 33.....	3	6	9	5
Pharmacy 33.....	3	4	7	4
Bacteriology 33.....	5	6	11	8
<i>Total</i> .....	<u>11</u>	<u>16</u>	<u>27</u>	<u>17</u>
<b>FOURTH YEAR</b>				
<b>FIRST QUARTER</b>				
Chemistry 41.....	2	9	11	5
Pharmacology 41.....	3	2	5	4
Chemistry 45.....	4	..	4	4
Pharmacognosy 45.....	..	6	6	2
Pharmacognosy 41.....	3	..	3	3
<i>Total</i> .....	<u>12</u>	<u>17</u>	<u>29</u>	<u>18</u>
<b>SECOND QUARTER</b>				
Chemistry 42.....	4	..	4	4
Pharmacology 42.....	3	2	5	4
Pharmacognosy 43.....	2	9	11	5
Elective.....	(..)	(..)	(..)	4
<i>Total</i> .....	<u>(9)</u>	<u>(11)</u>	<u>(20)</u>	<u>17</u>
<b>THIRD QUARTER</b>				
Chemistry 43.....	2	9	11	5
Pharmacology 43.....	3	2	5	4
Pharmacognosy 42.....	2	6	8	5
Pharmacognosy 44.....	1	6	7	3
<i>Total</i> .....	<u>8</u>	<u>23</u>	<u>31</u>	<u>17</u>

## COURSES OFFERED IN THE COLLEGE OF PHARMACY

NOTE: The following list of subjects is arranged in alphabetical order. Names of staff members are listed by rank according to their appointments for 1944-1945, and by seniority of appointment within each rank, except the Dean of the College who is listed first. The description of each course includes a statement of the number of lecture, recitation, or laboratory periods each week (each period being one clock hour unless otherwise specified). The Roman numerals I, II, and III indicate the first, second, and third quarters, respectively, and the Arabic numerals in parenthesis indicate the credit hours. For example, "I, (3)" means that the course is given in the first quarter for three hours of credit. The expression "I, II, or III" is used if the course may be taken in any quarter.

A circular announcing courses to be offered in the coming year, and including other information for prospective students, may be obtained by addressing the Dean of the College of Pharmacy, 808 South Wood Street, Chicago 12.

## Staff

*Professors:* SERLES, CLARK (Emeritus), GATHERCOAL (Emeritus), WAKERLIN, WEBSTER, WIRTH, CAMP,<sup>1</sup> NOVAK.

*Associate Professors:* TERRY, H. L. DAVIS.

*Assistant Professors:* EMIG, CLARKE, MAHER, VOIGT, KLEINBERG, KIRCH.

*Associates:* MORRISON, MARTIN, CARPENTER, SPENCE,<sup>2</sup> TEMPLETON, FIERKE, J. E. DAVIS, DOLK, BESANCON.<sup>2</sup>

*Lecturers:* SHKOLNIK.

*Instructors:* BENTON.

*Assistants:* COLLINS.

## ACCOUNTING

31. PRINCIPLES OF ACCOUNTING.—Fundamentals of bookkeeping practice as applied to a retail drug store, including accounts, books, statements, and trial balances. Two lectures or recitations and one 3-hour laboratory period each week. I, (3). May be elected by juniors or seniors.

## BACTERIOLOGY

33. GENERAL BACTERIOLOGY.—Characteristics of bacteria, yeasts, and moulds; their relation to disease; biologic products prepared from them; action of antiseptics, disinfectants, and sterilizants; cleaning and sterilizing glassware; preparation of culture media and staining solutions; preparation of cultures and stained mounts; isolation and identification of organisms from mixed cultures; study of pathogenic organisms; milk and water counts; disinfectant standardization. Five lectures and three 2-hour laboratory periods each week. III, (8).
43. ADVANCED BACTERIOLOGICAL METHODS.—Lectures and laboratory work on special subjects in bacteriology related to pharmacy, medicine, and dentistry. Three 2-hour laboratory periods each week. I or II, (3). *Prerequisite:* Bacteriology 33.

## BOTANY

- 12-13. PHARMACEUTICAL BOTANY.—General principles of plant science, having special application to the knowledge of vegetable drugs, with particular reference to gross morphology, micromorphology, physiology, and taxonomy. Two lectures or recitations and two 2-hour laboratory periods each week. II and III, (4). Must be taken in sequence.

## CHEMISTRY

- 11-12-13. GENERAL CHEMISTRY.—Elementary course in the states and properties of matter, the laws of chemical combination, the atomic and molecular theories, the elements and their periodic properties, the physical and chemical properties

<sup>1</sup>On leave of absence until January 1, 1945.

<sup>2</sup>On leave of absence for war service.

- of the elements and their compounds. Two lectures and one recitation, and one 3-hour laboratory period each week. I, II, and III, (4). Must be taken in sequence.
21. **INORGANIC QUALITATIVE ANALYSIS.**—Properties of positive and negative radicals and the reactions used in detecting them when alone and when mixed with others. This course includes the systematic separation of the metals and an extended study of reactions of negative radicals. Practice in equation writing is an essential part of the instruction. Three lectures or recitations and two 3-hour laboratory periods each week. I, (5). *Prerequisite:* Chemistry 13 or its equivalent.
- 22-23. **QUANTITATIVE ANALYSIS.**—Theories and technique of gravimetric and volumetric analysis. Whenever possible the methods of the U.S.P. are used to illustrate their application, and pharmaceutical or medicinal products are used for practical examinations. Two lectures or recitations and two 3-hour laboratory periods each week. II and III, (4). Must be taken in sequence. *Prerequisite:* Chemistry 21 or its equivalent.
- 25-26-27. **ORGANIC CHEMISTRY.**—Nomenclature, occurrence, general methods of preparation, type reactions, and special reactions of acyclic, alicyclic, and aromatic hydrocarbons; their oxygen, halogen, nitrogen, and sulfur derivatives; proteins, carbohydrates; the simpler oxygen, nitrogen, and sulfur heterocyclics. Three lectures and two 3-hour laboratory periods each week. I, II, and III, (5). Must be taken in sequence. *Prerequisite:* Chemistry 13 or its equivalent.
- 34a-34b. **PHYSICAL CHEMISTRY.**—Gases, liquids, solutions, electrolytes, law of mass action, chemical equilibria, the hydrogen ion, oxidation and reduction, rate of reaction, the colloid state, and absorption. Two lectures and one 3-hour laboratory period each week. I and II, (3). Must be taken in sequence. *Prerequisite:* Chemistry 23 or its equivalent.
40. **COMPOSITION AND TECHNOLOGY OF FOODS.**—The origin, manufacture, general characteristics, and common adulterations of foods and the relationship of foods to nutrition. Two class periods each week. I, (2). *Prerequisite:* Chemistry 27.
41. **DRUG ASSAYING.**—Principles and methods of drug standardization applied to substances included in the U.S.P. Preparation and standardization of volumetric solutions; assays of alkaloid-bearing drugs, resinous drugs, essential oils, aldehydes, phenol, and nitrites; determination of halogen in organic compounds; alcohol in pharmaceutical preparations; acid, saponification, and iodine value of fats; congealing point, refractive index, and specific rotation. Two lectures or recitations, and three 3-hour laboratory periods each week. I, (5). *Prerequisite:* Chemistry 23 and 27, or their equivalents.
42. **CHEMISTRY OF SYNTHETIC DRUGS.**—Constitution, properties, and methods of synthesis of representative synthetic drugs used in modern medicine. Classification of relationships between chemical constitution and physiological action. Four lectures each week. II, (4). *Prerequisite:* Chemistry 27 or its equivalent.
43. **CHEMICAL TOXICOLOGY.**—Isolation and identification of alkaloids and synthetic drugs from mixtures, tissues, and biological fluids. Two lectures and three 3-hour laboratory periods each week. I or III, (5). *Prerequisite:* Chemistry 23 and 27, or their equivalents.
- 44a-44b. **FOOD ANALYSIS.**—Principles and methods of food analysis. Samples of food products are subjected to physical and chemical examination for the detection of preservatives, added coloring, metallic poisons, and foreign substances. The chemical and physical constants of common food substances are determined and compared with the state and federal requirements for these substances. Flavoring extracts, milk, butter, salad oils, table syrups, and other food products are analyzed. Two lectures and two 3-hour laboratory periods each week. II and III, (4). *Prerequisite:* Chemistry 23 and 27, or their equivalents.
45. **CHEMISTRY OF NATURAL PRODUCTS.**—Classes of pharmaceutical and medicinal agents derived from plants and animals. Occurrence, origin, methods of isolation, and chemical properties of carbohydrates, gums, mucilages, tannins, glucosides, saponins, enzymes, oils, fats, waxes, sterols, essential oils, alkaloids, vitamins, and hormones. Four lectures each week. I or III, (4). *Prerequisite:* Chemistry 27 or its equivalent.

46. SYNTHESIS OF DRUGS.—Continuation of the study of organic chemistry and the applications of the type reactions to the manufacture of organic medicinal chemicals and their intermediates. Barbital, cinchophen, acetphenetidin, phenolphthalein, tryparsamide, hexylresorcinol, guaiacol, methylene blue, or others may be selected in consultation with the instructor. Reference to the original work on the substance elected is encouraged. Two lectures or recitations and three 3-hour laboratory periods each week. II, (5). *Prerequisite:* Chemistry 27 or its equivalent.
- 47-48. BIOLOGICAL CHEMISTRY.—Equivalent to Biological Chemistry 1 and 2 in the College of Medicine. I and II, (6). Must be taken in sequence. *Prerequisite:* Chemistry 23 and 27, or their equivalents.
49. PHARMACEUTICAL ASSAYING.—Analytical control of raw materials and finished preparations made in the Hospital Pharmacy. Two lectures or recitations, and three 3-hour laboratory periods each week. II or III, (5). *Prerequisite:* Chemistry 41.

#### Courses for Graduate Students

101. QUALITATIVE ORGANIC ANALYSIS.—( $\frac{1}{2}$  to 1 unit). Associate Professor DAVIS.
102. ULTIMATE ANALYSIS OF ORGANIC COMPOUNDS.—( $\frac{1}{2}$  unit). Associate Professor DAVIS.
103. ADVANCED DRUG ASSAY.—( $\frac{1}{2}$  to 2 units). Professors SERLES, WEBSTER, or WIRTH, Assistant Professor KIRCH.
104. PHYTOCHEMISTRY.—(1 to 2 units). Professors SERLES, WEBSTER, or WIRTH, Assistant Professor KIRCH.
105. ADVANCED ORGANIC CHEMISTRY.—( $\frac{1}{2}$  unit). Associate Professor DAVIS.
106. ADVANCED ORGANIC CHEMISTRY.—( $\frac{1}{2}$  unit). Associate Professor DAVIS.
107. ELECTROCHEMISTRY.—(1 unit).
108. CHEMISTRY OF HETEROCYCLIC COMPOUNDS.—( $\frac{1}{2}$  unit). Professor WEBSTER.
109. VITAMIN ASSAY.—(1 to 2 units). Assistant Professor KIRCH.
134. PHYSICAL CHEMISTRY.—(1 unit). Assistant Professor KLEINBERG.
143. CHEMICAL TOXICOLOGY.—(1 unit). Professor WEBSTER.
200. RESEARCH IN CHEMISTRY.—Credit to be arranged. Professor WEBSTER, Associate Professor DAVIS, Assistant Professor KIRCH.

#### ENGLISH

- 11-12-13. ENGLISH COMPOSITION.—Practice in writing, reading, note-taking, and organizing material related to the work in the other courses. A passing grade in English 11 is prerequisite to registration in English 12, etc. Three class periods each week. I, II, and III, (3).

#### HYGIENE

11. GENERAL HYGIENE AND PUBLIC HEALTH.—Required of all freshmen. I, (no credit).
41. FIRST AID.—Two lectures and one 2-hour demonstration period each week. I, II, or III, (3). May be elected by seniors only.

#### LANGUAGES

- GERMAN OR FRENCH.—During their junior or senior year students may elect German or French in any college or university accredited by the University of Illinois, and may present not more than twelve quarter hours of either language for advanced credit in lieu of other electives, provided that approval of the executive committee is secured.

#### MATHEMATICS

12. COLLEGE ALGEBRA.—Five class periods each week. II, (5).
13. PLANE TRIGONOMETRY.—Four class periods each week. III, (4).

## PHARMACOGNOSY

- 31-32-33. VEGETABLE AND ANIMAL DRUGS.—Titles, synonyms, definitions, history, distribution, collection, commerce, preservation, identification, standardization, therapeutic use, and dose. The laboratory work includes a study of the more important drugs in whole and powdered form, leading to their recognition and the determination of their quality and purity by organoleptic, microscopic, and microchemical means. Two lectures, one recitation, and two 3-hour laboratory periods each week. I, II, and III, (5). Must be taken in sequence. *Prerequisite:* Zoology 11, Botany 13, Chemistry 27.
34. CHEMICAL MICROSCOPY.—Morphology of crystals, including crystal growth, habit, angles, axes, intercepts, and symmetry; the six crystal systems and the 32 crystal classes; optical properties of crystals, including double refraction, wave and ray velocity, polarization by crystals, the uniaxial indicatrix, biaxial crystals and biaxial indicatrix, birefringence, etc., and the use of the petrographical microscope in the examination of crystals in parallel and convergent light. Designed for students desiring instruction in the fundamentals of optical crystallography and the use of the petrographical microscope in the identification of minute quantities of crystalline material. Two lectures and one 3-hour laboratory period each week. I, (3). May be elected in the junior or senior year.
35. CHEMICAL MICROSCOPY.—The practical application of chemical microscopy in analytical work, including manipulative methods, methods of applying reagents, the detection of the elements in the periodic system, the detection of anions, the detection of organic compounds of synthetic origin, and the detection of organic compounds of natural origin, including alkaloids, glucosides, volatile oil constituents, etc. One lecture and two 3-hour laboratory periods each week. II, (3). *Prerequisite:* Pharmacognosy 34.
36. MICROSCOPIC TECHNIC.—Collection, preservation, and preparation of plant and animal material for microscopic examination; methods of hardening, fixing, imbedding, sectioning, staining, and mounting; special stains and reagents; special microscopic methods and photomicrography. One lecture and three 3-hour laboratory periods each week. I or II, (4). *Prerequisite:* Pharmacognosy 33. May be elected in the junior or senior year.
41. ECONOMIC PHARMACOGNOSY.—Seminar course in the crude drug trade, including discussions of production and commerce in crude drugs and other crude technical products, as fats, oils, waxes, etc.; cultivation and preparation, imports and exports, markets and conditions affecting markets. Reports are made from trade journals, government bulletins, and other sources. Three class hours per week. For students planning to enter the manufacturing field. I or II, (3). May be elected in the senior year only.
42. ADVANCED PHARMACOGNOSY.—Special divisions of pharmacognosy, including pollen grains and other vegetable and animal material related to allergy; the pharmacognosy of the glandular products; vegetable insecticides; advanced methods of quantitative microscopy, and ultraviolet microscopy of drugs and medicinals. Two lectures or recitations and three 2-hour laboratory periods each week. I or III, (5). *Prerequisite:* Pharmacognosy 33. May be elected in the senior year only.
43. MICROSCOPY OF FOODS.—Microscopical study of foods, including the identification and determination of the quality and purity of cereals and cereal products, spices and condiments, oil seeds and oil cakes, legumes, nuts, fruit and fruit products, vegetables, tea, coffee, cacao, etc. Special reference to legal standards governing these foods. Food products purchased in the open market are brought to the laboratory for examination. Two lectures or recitations and three 3-hour laboratory periods each week. II or III, (5). *Prerequisite:* Pharmacognosy 33. May be elected in the senior year only.
44. MICROSCOPY OF TECHNICAL PRODUCTS.—Application of microscopical and microchemical methods to the identification of fibers, textiles, papers, woods, plastics, and other technical and industrial products. One lecture or recitation and two 3-hour laboratory periods each week. I, II, and III, (3). *Prerequisite:* Pharmacognosy 33. May be elected in the senior year only.

45. **MICROCHEMISTRY OF PLANTS.**—Laboratory study of the drugs of vegetable origin and a few of animal origin, based on their important constituents. The work includes microisolation of the constituents from plant material and identification of these constituents by microscopical and microchemical means. The groups studied include carbohydrates, mucilages, gums, glucosides, alkaloids, fixed and volatile oils, oleoresins, resins, balsams, tannins, phloroglucinol derivatives, enzymes, hormones, etc. Two 3-hour laboratory periods each week. I or III, (2). *Prerequisite:* Pharmacognosy 34; Chemistry 45 or concurrent registration. May be elected in the senior year only.
46. **MICROSCOPY OF COSMETICS.**—Application of microscopical and microchemical methods to the identification of cosmetics, cosmetic raw materials, and other toilet preparations, including powders, creams, sachets, and cosmetics specialties. One lecture or recitation and two 2-hour laboratory periods each week. I, II, or III, (3). *Prerequisite:* Pharmacognosy 33 and 34. May be elected in the senior year only.

### Courses for Graduate Students

100. **SEMINAR IN PHARMACOGNOSY.**—( $\frac{1}{4}$  unit). Professors SERLES and WIRTH, Assistant Professor MAHER.
101. **DRUG PLANT CULTIVATION.**—(1 unit). Professors SERLES and WIRTH.
102. **DRUG PLANT CULTIVATION (FIELD AND GREENHOUSE).**—(1 to 2 units). Professors SERLES and WIRTH.
103. **ANATOMY AND PHYSIOLOGY OF THE VASCULAR PLANTS.**—(1 unit). Professor WIRTH.
104. **TAXONOMY AND GENETICS OF FLOWERING PLANTS.**—(1 unit). Professor WIRTH.
- 134-135. **CHEMICAL MICROSCOPY.**—(1 unit). Professor WIRTH.
136. **MICROSCOPIC TECHNIC.**—(1 unit). Professor WIRTH.
142. **ADVANCED PHARMACOGNOSY.**—(1 unit). Professor WIRTH.
143. **MICROSCOPY OF FOODS.**—(1 unit). Professor WIRTH, Assistant Professor MAHER.
144. **MICROSCOPY OF TECHNICAL PRODUCTS.**—(1 unit). Professor WIRTH, Assistant Professor MAHER.
145. **MICROCHEMISTRY OF PLANTS.**—(1 unit). Professors WIRTH and WEBSTER, Assistant Professor MAHER.
200. **RESEARCH IN PHARMACOGNOSY.**—Credit to be arranged. Professor WIRTH, Assistant Professor MAHER.

### PHARMACOLOGY

- 41-42-43. **USES AND ACTIONS OF DRUGS.**—Scope, mode of action, and pharmacological classification of drug agents; pharmacological and physiological aspects of the more important members of each group. Drugs of the United States Pharmacopoeia, National Formulary, and selected items from New and Non-Official Remedies, are discussed according to pharmacological action, toxicology, and therapeutic application. Controlled laboratory work combined with demonstrations illustrating methods of investigation, evaluation, and application of results. Three lectures or recitations and one 2-hour laboratory period each week. I, II, and III, (4). Must be taken in sequence. *Prerequisite:* Pharmacognosy 33, Physiology 32, and Chemistry 27.

### PHARMACY

- 11-12-13. **INTRODUCTORY PHARMACY.**—An outline of the scope of pharmacy, including historical background, nomenclature, definitions, pharmaceutical manipulations and mathematics. The laboratory work consists in making the simpler types of products, such as aromatic waters, solutions, syrups, and elixirs. Three lectures or recitations each week. I, (3). Two lectures or recitations, and one 2-hour laboratory period each week. II and III, (3). Must be taken in sequence.
- 21-22-23. **Pharmaceutical Preparations.**—Official and non-official preparations such as emulsions, lotions, tinctures, fluid extracts, etc., with one quarter devoted to inorganic compounds. Two lectures, one recitation, and one 3-hour laboratory period each week. I, II, and III, (4). Must be taken in sequence. *Prerequisite:* Pharmacy 13.
- 31-32-33. **DISPENSING PHARMACY.**—Fundamental dispensing technics with the manufacture of extemporaneous preparations. Compounding, labeling, filing, and wrapping of prescriptions. Two lectures, one recitation, and two 2-hour labo-

ratory periods each week. I, II, and III, (4). Must be taken in sequence. *Prerequisite*: Pharmacy 23.

34. PHARMACEUTICAL JURISPRUDENCE.—Laws and regulations relating to the practice of pharmacy; principles of common law bearing upon the work and responsibilities of the pharmacist. Two lectures each week. I, II, or III, (2). May be elected by juniors and seniors. *Prerequisite*: Pharmacy 23.
- 35a-35b. HISTORY OF PHARMACY.—The history and literature of pharmacy. An elective course for juniors and seniors. Two conference periods each week. I and II, (2). Must be taken in sequence. *Prerequisite*: Pharmacy 23.
- 41-42-43. ADVANCED DISPENSING.—Dispensing procedures for the more complex types of prescriptions, incompatibilities, special fields of medicine and dentistry and commonly used non-official remedies. Two lectures or recitations and two 2-hour laboratory periods each week. I, II, and III, (4). Must be taken in sequence. Required of Pharmacy majors. *Prerequisite*: Pharmacy 33.
44. COSMETICS.—Materials, processes, and uses involved in the manufacture of cosmetics, including the manufacture of types in the laboratory work. Two lectures and six hours of laboratory work. I, II, or III, (4). *Prerequisite*: Pharmacy 33, Chemistry 27.
- 45-46-47. PHARMACEUTICAL LITERATURE.—Review of current literature relating to the profession of pharmacy. One conference period each week. I, II, and III, (1). Must be taken in sequence. May be elected by seniors only.
48. PHARMACEUTICAL ECONOMICS.—Business administration of the retail drug store. Three periods each week. III, (3). May be elected by seniors only.
49. MANUFACTURING PROCESSES.—Manufacture of pharmaceutical products on a semi-commercial scale, including analytical control of raw materials and finished preparations. One conference period and six hours of laboratory work each week. I, II, and III, (3). *Prerequisite*: Pharmacy 33, Chemistry 27.
50. HOSPITAL PHARMACY.—Fundamentals of hospital pharmacy management. One conference period and six hours in the hospital pharmacy each week. II, (3). *Prerequisite*: Pharmacy 33, Chemistry 27.
51. PARENTERAL AND SPECIAL SOLUTIONS.—Preparation of solutions for intravenous and subcutaneous use. One conference period and six hours of laboratory work each week. III, (3). *Prerequisite*: Pharmacy 33, Chemistry 27, Bacteriology 33.

### Courses for Graduate Students

100. HOSPITAL PHARMACY.—(1 or 2 units). Professor SERLES, Mr. TEMPLETON.
101. MANUFACTURING PHARMACY.—(1 or 2 units). Professor SERLES, Mr. TEMPLETON.
102. MANUFACTURING PHARMACY.—(1 or 2 units). Professor SERLES, Mr. TEMPLETON.
110. SEMINAR IN PHARMACY.—( $\frac{1}{4}$  unit). Professor SERLES, Mr. TEMPLETON.
200. RESEARCH IN PHARMACY.—Credit to be arranged. Professor SERLES, Mr. TEMPLETON.

### PHYSICS

- 21-22-23. MECHANICS, HEAT, SOUND, ELECTRICITY, MAGNETISM, AND LIGHT.—Two lectures, one recitation, and one 3-hour laboratory period each week. I, II, and III, (4). *Prerequisite*: Mathematics 12 and 13, or their equivalents.

### PHYSIOLOGY

32. ELEMENTARY PHYSIOLOGY.—Consideration of the various activities of living beings with particular emphasis on the manner in which the human body works under different conditions of health and disease. Four lectures, quiz-conferences, or demonstrations, and one 3-hour laboratory period each week. II, (5).
- PHYSIOLOGY AND PHARMACOLOGY.—Courses in physiology, pharmacology, and in certain other subjects offered in the College of Medicine may be elected for credit in the senior year by permission of the executive committee. Hours and credits to be arranged.

### ZOOLOGY

11. GENERAL ZOOLOGY.—Fundamental principles of animal biology; structure, functions, interrelations, origin, and development of animal life. Three lectures, one recitation, and two 3-hour laboratory periods each week. I, (6).

# The Division of Services for Crippled Children

1105 South Sixth Street, Springfield

THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN IS AN independent unit of the University operating a statewide program of medical, surgical, corrective, and other services and facilities for diagnosis, hospitalization, and aftercare for children who are crippled or who are suffering from conditions which lead to crippling. Its director is responsible to the Executive Dean of the Chicago Colleges of the University. Its program is carried out in part through funds allocated to the state under the terms of the federal Social Security Act and in part by funds appropriated to the University by the General Assembly for the Division's work.

The Division conducts 120 out-patient diagnostic, orthopaedic, speech and hearing, and treatment clinics throughout the state each year and provides hospitalization in a half dozen medical centers. It maintains close working relationships with the College of Medicine and the Research and Educational Hospitals, particularly the Surgical Institute for Children, where a considerable number of its patients are provided care. It cooperates also with the State Department of Public Health, the State Department of Public Welfare, the State Superintendent of Public Instruction, the State Division of Vocational Rehabilitation, and the State Commission for Handicapped Children.

The Division's field program is carried out through a staff of orthopaedic nurses who are trained in public health and physical therapy. A special feature of the Division's work is its program of speech and hearing rehabilitation.

District offices are located at Chicago, East St. Louis, Mount Vernon, Peoria, Rockford, Springfield, Urbana, and Vandalia. All correspondence should be addressed to the director at 1105 South Sixth Street, Springfield.

## General Staff

LAWRENCE J. LINCK, M.S., Director  
FRANK MORRIS, Assistant Director<sup>1</sup>  
WILLIAM G. MOTEL, M.D., Medical Officer<sup>1</sup>  
HEDWIG B. TRAUBA, Supervisor, Orthopaedic Nursing  
JAYNE SHOVER, Supervisor, Speech Rehabilitation

## Field Staff of Orthopaedic Nurses

GRACE F. BORAH	IVA HENSEL
BEATRICE BOZARTH	JEAN KOLCZAK <sup>1</sup>
FRANCES CRITES	ESTHER LEBENS
MARIE CZWALINSKI <sup>1</sup>	ANNETTE NILSSEN
MRS. ELSIE M. DUGAN	MARION SCHULER
CELIA M. FERGUSON	BETSY C. SPRAGUE
MARJORIE E. GIBSON	NAOMI A. SULLIVAN

## Medical Social Service Consultant

DOROTHY L. CORNWELL

<sup>1</sup>On leave of absence for war service.



# UNIVERSITY PRESS

HARRISON EDWARD CUNNINGHAM, A.B., Director

THE UNIVERSITY OF ILLINOIS PRESS WAS ORGANIZED IN 1918 to have charge of the work of editing, printing, and distributing the publications of the University. Inquiries concerning the books and serials listed below may be addressed to the Director of the University Press, Room 358, Administration Building, Urbana, Illinois. Libraries and other institutions offering material of equivalent value may arrange for exchanges by corresponding with the Director of the University Library at Urbana. Titles of the available publications will be found in the *Publishers' Trade List Annual, 1944*.

## General Publications

- Semi-Centennial History of the University of Illinois, Volume I, by Burt E. Powell, 1918; 631 pages, \$3.50.
- Sixteen Years at the University of Illinois, a statistical study of the administration of President Edmund J. James, 1920; 264 pages, \$2.50.
- Selim Hobart Peabody, a biography, by Katherine Peabody Girling, 1923; 215 pages, \$1.70.
- The Life and Work of Andrew Sloan Draper, by H. H. Horner, 1934; 292 pages, 9 illustrations, \$3.
- History of the Campus Plan of the University of Illinois, by L. D. Tilton and T. E. O'Donnell, 1930; 256 pages, 36 plates, \$5.
- The Collected Works of George Abram Miller.  
Volume I (Works through 1899) 1935; xii, 476 pages, 1 plate, \$7.50.  
Volume II (Works through 1907) 1938; xi, 537 pages, 1 plate, \$7.50.  
Volume III (Works through 1915). (*In press*).
- Konungs Skuggsjá, manuscript in facsimile, with diplomatic text, by G. T. Flom, 1915; 191 pages, 67 plates, \$15.
- Life of Columcille, compiled by Manus O'Donnell in 1532. Edited and translated by A. O'Kelleher and G. Schoepperle. Irish Foundation Series, 1918; 516 pages, paper, \$3.50.
- The Power of a God, and other plays, by T. H. Guild, 1919; 151 pages, 5 plates, \$1.25.
- Cooperation: a Study in Constructive Economic Reform, by G. S. Watkins, 1921; 85 pages, \$1.
- The Taxation of Corporate Income, by Charles J. Gaa, 1944; 285 pages, \$4.
- The Life of Solitude. A translation of Petrarch's *De Vita Solitaria*, with introduction and notes, by Jacob Zeitlin, 1924; 320 pages, \$4.
- Contributions toward a Bibliography of Epictetus (with a facsimile reproduction of Jacob Schenk's translation of the *Encheiridion*, Basel, 1534), by William A. Oldfather, 1927; 240 pages, paper, \$3.50; boards, \$4.
- Index Verborum Ciceronis Epistularum, by W. A. Oldfather, H. V. Canter, and K. M. Abbott, 1938; 585 pages, \$9.
- Renaissance Student Life: The Paedologia of Petrus Mosellanus, translated by Robert F. Seybolt, 1927; 100 pages, \$1.25.
- Milton's Rabbinical Readings, by Harris F. Fletcher, 1930; 344 pages, \$7.50.
- Milton's Poetical Works, Illinois Facsimile Edition, edited by Harris F. Fletcher. Volume II, *Paradise Lost*, First Edition 1667-1669. (*In press*).
- Bibliographies of Studies in Victorian Literature, 1932-1942, by William D. Templeman. (*In Press*).
- History of the Peking Summer Palaces under the Ch'ing Dynasty, by C. B. Malone, 1934; 248 pages, 113 illustrations, \$4.
- The Genus Phoradendron, by William Trelease, 1916; 224 pages, 245 plates, \$2.50.
- Life of the Pleistocene, by F. C. Baker, 1920; 500 pages, 56 plates, \$5.

- An Historical Study of Vestibular Equilibration, by Coleman R. Griffith, 1922; 178 pages, \$1.50.
- The Molluscan Family Planorbidae, by Frank C. Baker, 1945; 566 pages, 141 figures, \$14.50.
- Paleopathology, by Roy L. Moodie, 1923; 568 pages, 117 plates, \$7.50.
- Cahokia Mounds, III, by Warren K. Moorehead and M. M. Leighton, 1929; 176 pages, 50 plates, 6 figures, \$1.50.
- Studies in Nutrition—Influence of saltpeter. An investigation of the influence of saltpeter on the nutrition and health of man with reference to its occurrence in cured meats, by H. S. Grindley and W. J. MacNeal. Set of five volumes, cloth, \$15.
- Volume I. Discussion and interpretation of the biochemical data, 1917; 542 pages, 71 graphs, \$3.
- Volume II. Discussion and interpretation of the data relating to the health and physical condition of the men, 1929; 406 pages, 66 graphs, \$3.
- Volume III. The experimental data of the biochemical investigations, 1911; 442 pages, \$3.
- Volume IV. The experimental data of the biochemical investigations, 1912; 494 pages, \$3.
- Volume V. The data of the physical, physiological, and bacteriological observations, 1912; 547 pages, \$3.
- Illinois Contributions to Librarianship
- Volume I. Fifty Years of Education for Librarianship (papers presented for the celebration of the fiftieth anniversary of the University of Illinois Library School), 1943; 114 pages; paper, \$1; cloth, \$1.50.
- Volume II. The Program of Instruction in Library Schools, by Keyes D. Metcalf, John D. Russell, and Andrew D. Osborn, 1943; 140 pages; paper, \$1; cloth, \$1.50.

#### Seventy-fifth Anniversary Volumes

- William Shakspeare's Petty School, by Thomas W. Baldwin, 1943; 240 pages, \$4.50.
- William Shakspeare's *Small Latine and Lesse Greeke*, by Thomas W. Baldwin, 1944; two volumes, 1550 pages, \$15.75.
- Milton's Poetical Works, Illinois Facsimile Edition, edited by Harris F. Fletcher. Volume 1, The Minor Poems, 1943; 465 pages, \$20.
- Principles of Systematic Psychology, by Coleman R. Griffith, 1943; 718 pages, \$4.50.
- James W. Garner's Studies in Government and International Law, edited by John A. Fairlie, 1943; 574 pages, \$7.50.
- Studies in the Text Tradition of St. Jerome's *Vitae Patrum* (Paul, Hilarion, and Malchus), edited by William A. Oldfather and others, 1943; 566 pages, \$14.50.
- Classical Studies in Honor of William A. Oldfather, by his colleagues and former students, 1943; 217 pages, \$4.

#### Serials under the Auspices of the Graduate School

*The Journal of English and Germanic Philology*, now in its forty-fourth volume, has been published by the University of Illinois since 1906. It was founded in 1897 by Gustaf E. Karsten at the University of Indiana, and was called the *Journal of Germanic Philology* until 1903. It is a quarterly, devoted to the English, German, and Scandinavian languages and literatures. The subscription rate is \$4 a year.

The following four series grew out of a general series of "University Studies" which was begun in 1900 and continued until 1913. The subscription rate for each of these series is \$4 a volume (each volume consists of four numbers).

*Illinois Studies in the Social Sciences*, begun in 1912, comprising monographs in economics, history, political science, and sociology.

*Illinois Biological Monographs*, begun in 1914, dealing with botany, entomology, zoology, and related subjects.

*Illinois Studies in Language and Literature*, begun in 1915, comprising monographs in linguistics and in the history of literature, culture, and ideas.

*Illinois Monographs in the Medical Sciences*, begun in 1935 as Illinois Medical and Dental Monographs, consisting of contributions from the Chicago departments of the University.

#### Other Serial Publications

The *University of Illinois Bulletin* series, issued weekly, contains Time Tables listing courses offered at Urbana in each term, the Annual Register of the University, announcements of the Graduate School and the professional schools at Urbana, catalogs of correspondence courses and other extension services, pamphlets of information for new students, programs of conferences held on the campus, and numerous special announcements and reports of various departments of the University. Requests for individual issues in this series may be addressed to the Registrar at Urbana.

*Agriculture*.—Annual reports and technical bulletins of the Agricultural Experiment Station, county soil reports with soil maps, and circulars of the Extension Service in Agriculture and Home Economics (issued by the University in cooperation with the U. S. Department of Agriculture) may be obtained, without charge, by addressing the College of Agriculture, University of Illinois, Urbana.

*Commerce*.—The Bureau of Economic and Business Research issues bulletins, circulars, a quarterly magazine, *Opinion and Comment*, which presents discussions of current economic and business problems, and the *Illinois Business Review*, a monthly summary of business conditions in Illinois. Address requests to the Bureau, 205 Commerce Building, Urbana.

*Community Planning*.—Requests for the bulletins of the Bureau of Community Planning may be addressed to its Director, 110 Architecture Building, Urbana.

*Education*.—Bulletins and circulars of the Bureau of Educational Research may be obtained by addressing its Director, 300 Gregory Hall, Urbana. Annual Reports of the High School Visitor may be obtained from his office, 209 Administration Building. Studies in Higher Education are issued by the Provost of the University, 207 Administration Building.

*Engineering*.—Bulletins, circulars, and reprints of technical articles, by members of the staff of the Engineering Experiment Station, are obtainable from its Director, 106 Engineering Hall, Urbana.

*Illinois Alumni News*.—Published monthly at the University in cooperation with the Alumni Association, mailed free of charge to former students. Its editorial office is in 227 Illini Union Building, Urbana.

*Small Homes Council*.—Requests for bulletins of the Small Homes Council may be addressed to the Council, Mumford House, Urbana.

*Student Publications*.—The *Daily Illini*, newspaper edited by University students; the *Illio*, yearbook of the graduating class; the *Illinois Agriculturist*, magazine edited by students in the College of Agriculture; the *Illinois Technograph*, a quarterly edited by students in the College of Engineering.

# EXTENSION SERVICES

## THE DIVISION OF UNIVERSITY EXTENSION

ORGANIZED IN 1933 FOR THE PURPOSE OF EXTENDING SOME of the services of the University to persons away from the campus, the Division of University Extension offers: (1) correspondence courses; (2) extramural courses; (3) engineering extension courses; (4) speech aids service; (5) visual aids service; (6) United States Armed Forces Institute courses.

### Staff

ROBERT BELL BROWNE, Ph.D., Director of University Extension  
OSKAR ALFRED KUBITZ, Ph.D., Acting Assistant to the Director of University Extension, and Acting Supervisor of Speech Aids Service<sup>1</sup>  
ALFRED DWIGHT HUSTON, A.M., LL.B., Assistant to the Director of University Extension, and Supervisor of Speech Aids Service<sup>2</sup>  
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HARRY CLAY ROUNTREE, B.S., Supervisor of Engineering Extension  
NEIL FORD GARVEY, Ph.D., Acting Supervisor of Visual Aids Service, and Supervisor of Science Aids Service

### Courses Taught by Correspondence

Correspondence courses, equivalent to courses offered to undergraduate students in residence at Urbana, are open to applicants who can meet the University's entrance requirements, and also to persons eighteen or more years of age whose applications are approved by the Director of University Extension. The courses are conducted by members of the faculty of the colleges and schools of the University, not by a separate staff. The instruction is individualized to meet the needs of each student. Enrollment may be made at any time in the year, and the rate at which a student progresses through a course is not fixed. Normally a course must be completed within twelve months, and it may not be completed in less than six weeks. No student may take more than three correspondence courses at one time.

The tuition fee in all courses taught by correspondence is \$5 per semester hour of credit. Additional charges are made in a few courses in which special materials are used. If a student fails to complete a course within twelve months from the date of enrollment, he may, upon the payment of an additional fee of \$5 obtain an extension of six months.

A final examination, proctored by some person approved by the Director, is required in each course for which the student desires University credit.

Credit earned by correspondence courses in which the student has received grades of "C" or higher may be applied toward meeting the requirements for graduation from the University. As much as sixty semester hours of such credit may be counted toward a baccalaureate degree, under the following conditions: (1) if the student completes all the remaining requirements for his degree in residence at the University; or (2) if he presents acceptable residence credit for work done elsewhere and takes his senior year of work—not less than thirty semester hours—in residence at the University. A student who has earned three years of residence credit at the University may do his senior year in correspondence study, subject to meeting all the requirements for his degree as announced by his college or school.

<sup>1</sup>First semester.

<sup>2</sup>Deceased September 24, 1944.

<sup>3</sup>On leave of absence for war service.

The following is a list of the courses offered by correspondence, as of January 1, 1945. For further information, address the Director of University Extension, University of Illinois, Urbana.

## ACCOUNTANCY

- x1a. Principles of Accounting.
- x1e. Principles of Accounting.
- x1b. Accounting Procedure.
- x2a. Elementary Cost Accounting.
- x2b. Intermediate Accounting.
- x13. Governmental Accounting.
- x16. Institutional Accounting.

## ARCHITECTURE

- x11. History of Architecture.
- x12. History of Architecture (contd.).

## ART

- x11. History of Ancient and Mediaeval Art.
- x12. History of Renaissance Art.

## BUSINESS ORGANIZATION AND OPERATION

- x1. Industrial Organization and Management.
- x2. Marketing Organization and Operation.
- x8. Advertising.

## BUSINESS LAW

- x1a. Principles of Business Law.
- x1b. Principles of Business Law (contd.).

## CIVIL ENGINEERING

- x20. Highway Construction.
- x60. Bridge and Building Construction.
- x61. Structural Stresses.
- x69. Theory of Reinforced Concrete.

## ECONOMICS

- x1. Principles of Economics.
- x3. Money, Credit, and Banking.
- x22. Economic History of the United States.

## EDUCATION

- x6a. Principles of Elementary Education.
- x6b. Principles of Secondary Education.
- x10a. Technic of Teaching in the Elementary School.
- x10b. Technic of Teaching in the Secondary School.
- x18. Educational Measurements.
- x21. Supervision of Elementary Education.
- x25a. Educational Psychology for Elementary School Teachers.

- x25b. Educational Psychology for Secondary School Teachers.
- x46. Recent Developments in the Teaching of Elementary School Subjects.
- x48. Teaching of Reading in the Elementary School.
- x49. Teaching of Arithmetic in the Elementary School.
- x98. Educational Planning for the War and Postwar Period.

## ELECTRICAL ENGINEERING

- x56. Economical Design of Electrical Systems.

## ENGLISH

- x10a. Introduction to Literature (Poetry, mainly narrative).
- x10b. Introduction to Literature (Poetry, mainly lyric).

## FRENCH

- x1a. Elementary Course.
- x1b. Elementary Course (contd.).
- x2a. Modern French.
- x2b. Modern French (contd.).
- x3a. Introduction to French Literature.
- x3b. Introduction to French Literature (contd.).

## GENERAL ENGINEERING DRAWING

- x1. Elements of Drawing.
- x2. Descriptive Geometry.
- x7. Architectural Projections.
- x8. Architectural Projections (contd.).

## GEOGRAPHY

- x1. Elements of Geography.
- x2. Economic Geography.

## GERMAN

- x1. Elementary Course.
- x2. Elementary Course (contd.).
- x4. Intermediate Course.
- x5. Intermediate Course (contd.).

## GREEK

- x1a. Elementary Greek.

## HISTORY

- x3a. History of the United States to 1828.
- x3b. History of the United States since 1828.

## HYGIENE

- x3. Hygiene and Sanitation.

## ITALIAN

- x1a. Elementary Course.
- x1b. Elementary Course (contd.).

## LANDSCAPE ARCHITECTURE

- x71. City and Town Planning.
- x72. City and Town Planning (contd.).
- x74. Regional Planning.

## LATIN

- x5a. Latin Composition.
- x5b. Latin Composition (contd.).
- x11a. Elementary Course.
- x11b. Elementary Course (contd.).

## MATHEMATICS

- x2. Algebra.
- x3. Algebra.
- x4. Plane Trigonometry.
- x6. Analytic Geometry.
- x7. Calculus (Differential).
- x9. Calculus (Integral).

## MINING ENGINEERING

- x2. Mining Principles.

## MUSIC

- x1. History of Music.
- x2. History of Music (contd.).
- x3a. Theory of Music.
- x3b. Theory of Music (contd.).

## PHYSICS

- x1a. Theory of Mechanics, Heat, and Sound.
- x1b. Theory of Electricity, Magnetism, and Light.

## POLITICAL SCIENCE

- x1a. American Government: Organization and Powers.
- x1b. American Government: Functions.
- x4. Municipal Government.
- x34. Municipal Problems.

## PSYCHOLOGY

- x1. Introduction to Psychology.

## RHETORIC

- x1. Rhetoric and Composition.
- x2. Rhetoric and Composition (contd.).
- x6. Short Story Writing.
- x10. Business Letter Writing.

## SOCIOLOGY

- x1. Principles of Sociology.
- x5. The Family.

## SPANISH

- x1a. Elementary Course.
- x1b. Elementary Course (contd.).
- x2a. Modern Spanish.
- x2b. Modern Spanish (contd.).
- x3a. Introduction to Spanish and Spanish-American Literature.
- x3b. Introduction to Spanish and Spanish-American Literature (contd.).

## THEORETICAL AND APPLIED MECHANICS

- x1. Statics.
- x2. Dynamics.
- x3. Resistance of Materials.

### Extramural Courses

Extramural courses for credit in the Graduate School were first offered in 1936. The courses conducted during the school year of 1944-1945 are shown in the following list. The classes are in charge of regular members of the faculty and are equivalent to courses listed with the same numbers for resident students.

A person may be admitted to these courses as a regular student, as a special student, or as a visitor. The fees for all persons enrolling is the same: \$25 per unit course, \$15 per half-unit course, or \$5 per semester hour of undergraduate credit. The regulations concerning admission, credit, grades, examinations, etc., for resident students in the Graduate School apply to students taking extramural courses for graduate credit. Not more than four units of graduate credit earned in extramural courses may be counted toward the degree of Master of Arts or Master of Science. Credit earned in extramural courses is acceptable beyond a master's degree in individual cases if the approval of the Dean of the Graduate School is obtained at the time of registration for such courses.

For further information concerning extramural courses, address the Director of University Extension, University of Illinois, Urbana.

### Extramural Courses in Education for Graduates

- E30. History of American Education.—First semester at Quincy; second semester at Rockford. (1 unit). Assistant Professor A. W. ANDERSON.
- E50. Child Psychology.—Second semester at Decatur. (1 unit). Assistant Professor G. W. REAGAN.
- E101. Philosophy of Education.—First semester at Bloomington; second semester at Alton. (1 unit). Visiting Assistant Professor W. O. STANLEY.
- E119. Trends and Techniques in Curriculum Making.—First semester at Lake Forest; second semester at Carbondale. (1 unit). Associate Professor B. O. SMITH.
- E121. Educational Measurements.—Second semester at East St. Louis. (1 unit). Associate Professor C. W. ODELL.
- E122. Educational and Vocational Guidance.—First semester at Carbondale; second semester at Harvey and Peoria. (1 unit). Assistant Professor F. H. FINCH.
- E125. Advanced Educational Psychology.—First semester at Alton, Decatur, and Harvey; second semester at Bloomington. (1 unit). Assistant Professors E. W. DOLCH and G. M. BLAIR.
- E129. The Junior College.—First semester at LaSalle. (1 unit). Dr. F. A. JENSEN.
- E135. Curriculum Problems and Trends in Elementary School Social Studies.—Second semester at Springfield. (1 unit). Professor E. H. REEDER.
- E136. Diagnostic and Remedial Programs of the Schools.—First semester at East St. Louis; second semester at Quincy. (1 unit). Assistant Professors G. M. BLAIR and E. W. DOLCH.
- E189. Administration and Supervision of Industrial Education.—First semester at Peoria. (1 unit). Professor A. B. MAYS.
- E195. Field Studies in Education.—First and second semester at Galesburg. (1 or 2 units). Professor E. H. REEDER, Associate Professor B. O. SMITH.

### Extramural Courses in Physical Education for Graduates

- E31. Problems in Physical Education.—First semester at Peoria. (1 unit). Associate Professor C. O. JACKSON.

## Engineering Extension

### (Engineering, Science, and Management War Training)

Engineering Extension, as a part of the Division of University Extension, was organized in July, 1941, for the purpose of making available to industries in Illinois more of the University's resources for the training of workers. The program of Engineering, Science, and Management War Training is being conducted in cooperation with the United States Office of Education. Under this program, college-level courses are offered for persons who wish to refresh their knowledge or to qualify themselves for new positions in war industries. The classes, meeting in fifty-five different industrial centers in Illinois, are taught by regular staff members of the University and by other specialists in the industries. The total enrollment in these classes exceeds nine thousand. Subjects of the courses are listed below:

Aircraft Production Processes  
 Aircraft Electrical Circuits and Equipment  
 Industrial Accounting  
 Cost Accounting  
 Cost Standards  
 Managerial Accounting and Production Procedures  
 Diesel Engine Operation and Theory  
 Electrical Circuits  
 Transmission and Distribution of Electric Power

Characteristics and Applications of Electron Tubes  
 Industrial Electrical Measuring and Control Instruments  
 Electrical Engineering  
 Electrical Machines  
 Electronic Control Devices  
 Engineering Chemistry—Analytic, Organic, and Inorganic  
 Communication Engineering  
 Engineering Drafting  
 Engineering Fundamentals

Engineering Mathematics	Personnel and Industrial Relations I and II
Analysis and Interpretation of Experimental Data	Personnel Selection and Placement
Calculus	Production Engineering
Advanced Engineering Mathematics	Production Illustration
Engineering Physics	Production Supervision
Foundations of Engineering	Radio Fundamentals I and II
Metallurgy of Iron and Steel	Safety Engineering
Metallurgy of Aluminum	Traffic Management I, II, and III
Heat Treatment of Steels	Job Analysis and Evaluation
Hydraulic Machines	Coal Preparation
Hydraulic Engineering	Fuels and Heating
Industrial Supervision	Combustion and Utilization of Coal
Internal Combustion Engines	Plastics Engineering I and II
Engineering Analysis I and II	Steel Alloys
Steam Engineering	Stress Analysis
Welding Metallurgy	Time and Motion Study
Map Making	Time and Motion Study for Supervisors
Mechanics—Theoretical and Applied	Tool Design
	Industrial Management

Additional courses are in the process of organization. For further information, address the Supervisor of Engineering Extension, Division of University Extension, University of Illinois, Urbana.

### Speech Aids Service

The Speech Aids Service was established in 1935 by the Division of University Extension, to cooperate with the Illinois High School Principals' Association and the State Association of Teachers of Speech, in conducting extracurricular speech contests and festivals in secondary schools throughout Illinois, and to promote their final contests and dramatic festival held annually at the University.

A speakers' bureau is operated by the Division of University Extension for the purpose of handling requests from organizations and individuals desiring to make arrangements for lectures by members of the University faculty. A bulletin containing the names and subjects of available lecturers will be sent on request. For further information address the Supervisor of Speech Aids Service, Division of University Extension, University of Illinois, Urbana.

### Visual Aids Service

The Visual Aids Service was established in 1932 to promote and facilitate the use of visual materials in Illinois schools. In 1934 the Service became a part of the Division of University Extension.

The Visual Aids Service circulates standard size lantern slides as well as motion picture films. Audio aids to instruction, in the form of disc recordings of radio programs, have been added to the materials of the Visual Aids Service. Today the library of audio-visual materials contains approximately 600 subjects on 16-millimeter silent film, 900 subjects on 16-millimeter sound film, 50 sets of glass lantern slides, and 60 16-inch disc recordings of radio transcriptions. It thus represents the largest and most economical source of slides, films, and radio transcriptions available to schools, adult study groups, and civic organizations in Illinois.

The usual plan of lending films is on a direct rental basis. Reductions in rental rates are made to patrons within the state of Illinois on large orders of films. This is accomplished through a membership plan, whereby for the payment



of a designated fee the patron may thereafter, within a two-year period, withdraw a specified number of films of his own choosing, both as to titles and showing dates.

The Service invites schools and other educational agencies to call on it for assistance in setting up programs of visual instruction, for demonstrations on utilization of audio-visual materials, or for consultation concerning any problem relating to this field. A catalog of audio-visual materials will be sent on request. All correspondence should be addressed to the Supervisor of Visual Aids Service, 713½ South Wright Street, Champaign, Illinois.

### **United States Armed Forces Institute Courses**

The University of Illinois has entered into a contract with the Special Service Division of the War Department of the Government of the United States, whereby the University is to provide individual correspondence instruction to those members of the United States Armed Forces, whose applications therefor have first been approved by the Commandant of the United States Armed Forces Institute, in approved courses regularly offered by and established in the curriculum of the University. The Institute agrees to pay for one-half the applicant's books, supplies, and tuition, except that the Institute will not pay an amount in excess of \$20 for any one course in which the applicant might register. The Division of University Extension will approve applications received through the Institute if the applicant fulfills the regular requirements for registration in the course desired.

Enlisted men of the Army and women of the WAC with at least four months of service, and all members of the Naval Services who have had at least two months of service, may avail themselves of the privileges of the United States Armed Forces Institute Program.

In order to enroll, the student should: (1) Obtain and complete Army Form W.D., A.I. Number 2 (for Army applicants), or Form A.F.I., Number 5 (for Navy applicants). These forms may be obtained from the Special Services Officer, or Chaplain, or by writing to the United States Armed Forces Institute, Madison 3, Wisconsin. (2) Complete the regular University of Illinois application blank for correspondence courses. (3) Purchase a money order for the cost of the course made out to the "Bursar, University of Illinois, Urbana, Illinois." (4) Send the above items to the United States Armed Forces Institute, Madison 3, Wisconsin. (5) Write to the last institution attended by the applicant requesting that a complete transcript of credits be sent to the Division of University Extension, University of Illinois, Urbana, Illinois. Price lists of courses given by us through the United States Armed Forces Institute may be obtained by writing to the Division of University Extension.

### **EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS**

**U**NDER the provisions of the Smith-Lever Act, approved by the President of the United States on May 8, 1914, and of subsequent acts, and under the terms of acceptance by the State of Illinois, the University of Illinois is cooperatively responsible for a demonstration service designed to combine the results of scientific research with approved practices on farms and in rural homes. The Extension Service in Agriculture and Home Economics employs farm and home

advisers under the terms stated in memorandums of understanding with county farm and home bureaus. Extension specialists in agriculture and home economics assist the farm and home advisers in the preparation and presentation of useful material and in the carrying out of organized and approved extension programs in their respective counties, as well as in the training of local leaders to aid in this work. Thousands of volunteer local and community leaders are rendering important service in connection with the wartime educational program sponsored by the Extension Service. A list of available publications, many of which deal with wartime problems, may be obtained by addressing the College of Agriculture, University of Illinois, Urbana.

### General Staff

HENRY PERLY RUSK, M.S., Director  
 JOHN CLYDE SPITLER, B.S., Associate Director; Professor, Agricultural Extension; State Leader of Farm Advisers  
 JAMES DATER BILSBORROW, B.S., Assistant State Leader of Farm Advisers and Associate Professor, Agricultural Extension  
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 MRS. MADGE LINKE LITTLE, A.B., Home Adviser at Large and Instructor, Home Economics Extension  
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 DAVID EDGAR LINDSTROM, Ph.D., Professor, Rural Sociology  
 JOSEPH BERNARD CUNNINGHAM, B.S., Associate Professor, Farm Management Extension  
 JOHN ELLIOT WILLS, Ph.D., Assistant Professor, Agricultural Economics Extension  
 EARL HUBERT REGNIER, M.S., Assistant Professor, Rural Sociology Extension  
 LESLIE FERRIS STICE, B.S., Assistant Professor, Agricultural Economics Extension  
 ELMER NEWTON SEARLS, M.S., Assistant Professor, Agricultural Economics Extension

<sup>1</sup>Resigned.

<sup>2</sup>On leave of absence for war service.

### Agricultural Engineering

RALPH CARROLL HAY, B.S., Associate Professor, Agricultural Engineering Extension  
 RALPH REX PARKS, A.M., Assistant Professor, Agricultural Engineering Extension<sup>1</sup>  
 KEITH HARRY HINCHCLIFF, M.S., Assistant Professor, Agricultural Engineering Extension

### Agronomy

JAY COURTLAND HACKLEMAN, A.M., Professor, Crops Extension  
 CLYDE MAURICE LINSLEY, M.S., Assistant Professor, Soils Extension  
 ERNEST DEWITT WALKER, B.S., Extension Soil Conservationist and Assistant Professor, Agronomy Extension  
 ALFRED UHNO THOR, M.S., Assistant Professor, Agronomy Extension

### Animal Husbandry

ERNEST THOMPSON ROBBINS, M.S.A., Professor, Animal Husbandry Extension  
 HERBERT HOWARD ALP, B.S.A., Associate Professor, Poultry Extension  
 HARRY GOULD RUSSELL, M.S., Assistant Professor, Animal Husbandry Extension  
 ROBERT JOHNSON WEBB, M.S., Superintendent of the Dixon Springs Experiment Station and Assistant Professor, Agricultural Extension

### Animal Pathology and Hygiene

JAMES ARNOLD HENDERSON, B.V.Sc., M.S., Associate, Animal Pathology and Hygiene<sup>1</sup>  
 HARRY HARDENBROOK, JR., D.V.M., M.S., Assistant, Animal Pathology and Hygiene  
 PAUL DONALD BEAMER, D.V.M., Emergency War Food Assistant

### Dairy Husbandry

CHRIS SIMEON RHODE, B.S., Professor, Dairy Husbandry Extension  
 JACOB GERALD CASH, M.S., Assistant Professor, Dairy Husbandry Extension  
 KARL EDRIK GARDNER, Ph.D., Associate, Dairy Husbandry Extension<sup>1</sup>

### Entomology

HOWARD BLISS PETTY, JR., A.M., Associate, Entomology Extension

### Forestry

JAMES ELWOOD DAVIS, B.S., M.F., Extension Forester and Associate Professor, Forestry Extension  
 LAWSON BLAINE CULVER, B.S., Associate, Forestry Extension  
 JOHN PATRICK CARROLL, B.S.F., Assistant, Forestry Extension<sup>1</sup>  
 WILLIAM FREEMAN BULKLEY, B.S., Assistant, Forestry Extension  
 HOWARD WALTER FOX, B.S., Project Forester  
 CHARLES SEBASTIAN WALTERS, M.S., Project Forester

### Home Economics

GRACE BESSELENE ARMSTRONG, A.M., Assistant Professor, Foods and Nutrition Extension  
 FANNIE MARIA BROOKS, A.B., R.N., Assistant Professor, Health Education  
 EDNA ELLIOTT WALLS, A.M., Assistant Professor, Child Development and Parent Education Extension  
 EDNA RUTH GRAY, A.B., B.S., Assistant Professor, Clothing Extension  
 GLADYS JOSEPHINE WARD, A.M., Assistant Professor, Home Management Extension  
 MRS. RUTH CRAWFORD FREEMAN, M.S., Associate, Home Accounts  
 DOROTHY JOSEPHINE IWIG, A.M., Associate, Home Furnishings Extension  
 FERN CARL, A.M., Associate, Clothing Extension  
 ANNETTE YOUNG (Mrs. J. FELDMAN), M.S., Instructor, Foods and Nutrition Extension  
 FRANCES ELLA COOK, M.S., Instructor, Foods Extension  
 IRENE CROUCH, A.M., Assistant, Home Accounts Extension

<sup>1</sup>On leave of absence for war service.

## Horticulture

VICTOR WENDELL KELLEY, Ph.D., Associate Professor, Horticulture Extension  
 JOSEPH BARR CORNS, Ph.D., Assistant Professor, Vegetable Crops Extension<sup>1</sup>  
 MANSON BRUCE LINN, Ph.D., Assistant Professor, Vegetable Crops Extension  
 LEE ADRIAN SOMERS, M.S., Assistant Professor, Vegetable Gardening Extension

## Boys' 4-H Club Work

EDWIN IVAN PILCHARD, B.S., Assistant Professor, Agricultural Extension  
 FRANK HENRY MYNARD, B.S., Associate, Boys' 4-H Club Work  
 OLIVER FREDERICK GAEBE, M.S., Associate, Boys' 4-H Club Work<sup>1</sup>

## Girls' 4-H Club Work

MARY ANNETTE MCKEE, A.M., Associate, Girls' 4-H Club Work<sup>1</sup>  
 ERMA COTTINGHAM, B.S., District Girls' 4-H Club Adviser and Associate, Home Economics Extension  
 MRS. ELSIE ROSS BUTLER, B.S., District Girls' 4-H Club Adviser and Associate, Home Economics Extension  
 FLORENCE ADA KIMMELSHUE, M.S., Associate, Girls' 4-H Club Work  
 MRS. MARY OSBORNE HUBBARD, B.S., Associate, Girls' 4-H Club Work

## Rural Youth

CLARETA WALKER, B.S., Instructor, Rural Youth Extension

## Federal Emergency Farm Labor

PAUL EVANS JOHNSTON, Ph.D., State Supervisor, Emergency Farm Labor  
 WILLIAM DELMER MURPHY, B.S., Assistant State Supervisor, Emergency Farm Labor  
 FRANKLIN FORREST GINGRICH, B.S., Assistant State Farm Labor Supervisor, Victory Farm Volunteers  
 MRS. MADGE LINKE LITTLE, A.B., Assistant State Farm Labor Supervisor, Women's Land Army  
 HENRY WILBUR GILBERT, B.S., District Supervisor, Emergency Farm Labor  
 THEODORE LINK DAVIS, B.S., District Supervisor, Emergency Farm Labor

## Illinois Farmers' Institute

HARRY ORSON ALLISON, M.S., State Supervisor, Illinois Farmers' Institute, and Associate, Agricultural Extension

## COUNTY FARM ADVISERS

<i>County</i>	<i>Farm Adviser</i>	<i>Address</i>
Adams	S. E. MYERS	Quincy
Bond	H. H. KUHNEN	Greenville
Boone	D. M. CHALCRAFT	Belvidere
Brown	E. D. POWELL	Mt. Sterling
Bureau	PAUL V. DEAN	Princeton
Calhoun	J. H. ALLISON	Hardin
Carroll	M. P. ROSKE	Mt. Carroll
Cass	G. H. HUSTED	Virginia
Champaign	J. E. HARRIS	Champaign
Christian	C. S. LOVE	Taylorville
Clark	C. N. GLOVER	Martinsville
Clay	EDGAR BOOKER	Louisville
Clinton	C. E. TWIGG	Breese
Coles	W. S. MYERS	Charleston
Cook	C. A. HUGHES	Arlington Heights
Crawford	HALSEY L. MILES	Robinson
Cumberland	CHARLES TARBLE	Toledo

<sup>1</sup>On leave of absence for war service.

County	Farm Adviser	Address
DeKalb	{R. P. JOHNSON <sup>1</sup>	DeKalb
	{W. CARROLL MUMMERT (Acting)	DeKalb
DeWitt	H. N. MYERS	Clinton
Douglas	J. Q. SCOTT	Tuscola
DuPage	H. S. WRIGHT	Wheaton
Edgar	L. E. MCKINZIE	Paris
Edwards	JOHN L. DIAMOND	Albion
Effingham	C. S. CUTRIGHT	Effingham
Fayette	JONATHAN B. TURNER	Vandalia
Ford	H. D. TRIPLETT	Melvin
Franklin	{W. C. ANDERSON <sup>1</sup>	Benton
	{G. J. CHRISTENSON (Acting)	Benton
Fulton	J. E. WATT	Canton
Gallatin	A. L. OXFORD	Ridgway
Greene	RAY H. ROLL	Carrollton
Grundy	M. E. TASCHER	Morris
Hamilton	GLENN F. SONS	McLeansboro
Hancock	L. L. NORTON	Carthage
Henderson	A. J. REHLING	Stronghurst
Henry	H. K. DANFORTH	Cambridge
Iroquois	H. D. VAN MATRE	Watseka
Jackson-Perry	J. G. MCCALL	Murphysboro
Jasper	R. E. APPLE	Newton
Jefferson	DONALD O. LEE	Mt. Vernon
Jersey	C. T. KIBLER	Jerseyville
Jo Daviess	H. E. KEARNAGHAN	Elizabeth
Johnson	BEN F. WALLACE	Vienna
Kane	A. C. JOHNSON	Geneva
Kankakee	G. T. SWAIM	Kankakee
Kendall	W. P. MILLER	Yorkville
Knox	A. R. KEMP	Galesburg
Lake	RAY T. NICHOLAS	Grayslake
LaSalle	F. A. PAINTER	Ottawa
Lawrence	H. C. WHEELER	Lawrenceville
Lee	C. E. YALE	Amboy
Livingston	W. F. COOLIDGE	Pontiac
Logan	N. H. ANDERSON	Lincoln
Macon	J. R. GILKEY	Decatur
Macoupin	O. O. MOWERY	Carlinville
Madison	T. W. MAY	Edwardsville
Marion	F. J. BLACKBURN	Salem
Marshall-Putnam	L. J. HAGER	Henry
Mason	R. V. WATSON	Havana
Massac	JOHN L. WALTER	Metropolis
McDonough	R. G. BENBOW	Macomb
McHenry	W. H. TAMMEUS	Woodstock
McLean	O. L. WELSH	Bloomington
Menard	L. W. CHALCRAFT	Petersburg
Mercer	E. M. EDWARDS	Aledo
Monroe	E. S. AMRINE	Waterloo
Montgomery	ALDEN E. SNYDER	Hillsboro
Morgan	E. H. GARLICH	Jacksonville
Moultrie	PAUL M. KROWS	Sullivan
Ogle	D. E. WARREN	Oregon
Peoria	I. F. GREEN	Peoria
Piatt	E. O. JOHNSTON	Monticello
Pike	W. B. BUNN	Pittsfield
Pope-Hardin	G. C. SMITH	Golconda
Pulaski-Alexander	L. B. BROOM	Mounds
Randolph	C. F. MEES	Sparta
Richland	E. J. BARNES	Olney
Rock Island	W. R. TAYLOR	Moline

<sup>1</sup>On leave of absence for war service.

<i>County</i>	<i>Farm Adviser</i>	<i>Address</i>
St. Clair	B. W. TILLMAN	Belleville
Saline	A. C. KAMM	Harrisburg
Sangamon	EDWIN BAY	Springfield
Schuyler	ROY K. WISE	Rushville
Scott	G. H. REID	Winchester
Shelby	W. S. BATSON	Shelbyville
Stark	W. A. GILBERT	Toulon
Stephenson	V. J. BANTER	Freeport
Tazewell	C. F. BAYLES	Pekin
Union	E. A. BIERBAUM	Anna
Vermilion	I. E. PARETT	Danville
Wabash	H. H. LETT	Mt. Carmel
Warren	E. H. WALWORTH	Monmouth
Washington	A. B. ROWAND	Nashville
Wayne	{B. B. CLAGHORN <sup>1</sup>	Fairfield
	{L. B. KIMMEL (Acting)	Fairfield
White	THURMAN WRIGHT	Carmi
Whiteside	F. H. SHUMAN	Morrison
Will	JOHN H. BROCK	Joliet
Williamson	E. E. GREER	Marion
Winnebago	H. R. BRUNNEMEYER	Rockford
Woodford	T. HUGH BROCK	Eureka

### COUNTY HOME ADVISERS

<i>County</i>	<i>Home Adviser</i>	<i>Address</i>
Adams	MARGARET WALBRIDGE	Quincy
Bond	JOSEPHINE GIGANTI	Greenville
Boone	DORIS MAE MAST	Belvidere
Bureau	ELIZABETH FRENCH	Princeton
Champaign	MRS. ESTHER THOR	Champaign
Christian	NORA E. BARE	Taylorville
Coles	MRS. BESSIE WILSON	Charleston
Cook	MRS. MARIE CORNELIUS	Des Plaines
DeKalb	BERNICE A. ENGELKING	DeKalb
DeWitt	MRS. MABEL KRUSA ROLF	Clinton
Douglas	CHRISTIE HEPLER	Tuscola
DuPage	MRS. ETHEL MARSHALL	Wheaton
Edgar	MRS. HELEN DREW TURNER	Paris
Edwards	MARION C. SIMON	Albion
Effingham	MRS. VIRGINIA C. WHITE	Effingham
Ford	MRS. MARJORIE H. EVANS	Melvin
Fulton	EDITH HUFFMAN	Canton
Greene	FRANCES ENGLAND	Carrollton
Grundy	KATHARINE PATTERSON	Morris
Hancock	MRS. JEANNE S. MOEHN	Carthage
Henderson	MRS. LULA P. CREASEY	Stronghurst
Henry	HELEN WALDORF	Cambridge
Iroquois	MRS. JEAN K. LYSTAD	Watseka
Jackson-Perry	JEANNETTE DEAN	Murphysboro
Jefferson	ALICE E. SMITH	Mt. Vernon
Jersey	DOROTHY ROMERSBERGER	Jerseyville
Jo Daviess	EVELYN K. WHITE	Elizabeth
Kane	MRS. GERTRUDE B. FIELDS	Geneva
Kankakee	ELIZABETH A. EWING	Kankakee
Kendall	PEARL SHRIMPLIN	Yorkville
Knox	MRS. MILDRED F. VESAAS	Galesburg
Lake	MRS. HELEN JOHNSON VOLK	Grayslake
LaSalle	CECILE MALSBUY	Ottawa
Lawrence	MARY E. KITCHENS	Lawrenceville
Livingston	JESSIE CAMPBELL	Pontiac

<sup>1</sup>On leave of absence for war service.

County	Home Adviser	Address
Macon	LULA B. KELLER	Decatur
Macoupin	DEBORAH SOLLIDAY	Carlinville
Madison	MARY STRUBINGER	Edwardsville
Marshall-Putnam	MRS. ORLA KEMPER	Henry
Mason	BESSIE ALFORD	Mason City
McDonough	HAZEL ADAMS	Macomb
McHenry	MRS. CLARA SWEENEY	Woodstock
McLean	CLARA BRIAN	Bloomington
Menard-Cass	BERTHA G. MCDOUGALL	Tallula
Mercer	EVELYN SCHIRER	Aledo
Monroe	ELIZABETH B. BURTON	Waterloo
Montgomery	HELEN BENNETT	Hillsboro
Morgan	EUREATH FREYERMUTH	Jacksonville
Moultrie	DOROTHY FOOTITT	Sullivan
Ogle	MRS. BERTHA VARNUM	Oregon
Peoria	PHYLLIS WHITE	Peoria
Piatt	LORENNIE BERRY	Monticello
Pike	HELEN HACKMAN	Pittsfield
Rock Island	MRS. MILDRED WELLMAN	Moline
St. Clair	MARJORIE TABOR	Belleville
Saline	EVA VENITA FISHER	Harrisburg
Schuyler-Brown	ARLENE WOLFRAM	Rushville
Shelby	ELLEN M. MONTGOMERY	Shelbyville
Stark	ERLENE BARRON	Toulon
Stephenson	MRS. ENA CHESNEY	Freeport
Tazewell	MARIAN SYMPSON	Pekin
Vermilion	MILDRED MCBRIDE	Danville
Wabash	HAZEL L. GRAVES	Mt. Carmel
Warren	MRS. GERALDINE STEELE	Monmouth
Wayne	MARGARET VANSCHOIK	Fairfield
White	IRIS D. GILMORE	Carmi
Whiteside	BARBARA HERLIN	Morrison
Will	MRS. DURONDA S. CRALL	Joliet
Winnebago	{BERNICE MITCHELL <sup>1</sup>	Rockford
	{CHRISTINE SCHROY	Rockford
Woodford	GLADYS D. WATSON	Eureka

### SPECIAL CONFERENCES AND SHORT COURSES

WARTIME CONDITIONS, with restrictions on travel, have curtailed the schedule of special conferences and short courses usually offered by the University. Most of those held in the past year were modified to deal with emergency problems. The High School Conference, which has been held at Urbana annually since 1905 under the direction of the High School Visitor, will not be held again during the war. The Illinois High School Principals' Association held a conference on wartime problems, October 11, 1944.

#### College of Agriculture

Members of the faculty of the College of Agriculture participated in the programs of the following meetings at Urbana in the last calendar year:

##### 1944

- January 20-21..... Dairy Conference on War Emergency Production Problems.
- February 8-10..... Forty-Third Annual Farm and Home Week.
- February 8-10..... Turkey Growers' Association.
- February 14-19..... Twenty-Seventh Annual Tractor and Gas Engine Short Course.
- February 24..... Soybean Processors' Conference.
- March 9..... Lumber and Materials Dealers' Conference.

<sup>1</sup>On leave of absence.

March 10.....	Illinois State Drainage Conference.
March 28-29.....	Farm and Industry Conference.
April 6-7.....	Dairy Manufactures Conference.
June 5-7.....	Summer Conference for Extension Workers.
June 5-7.....	Illinois Association Vocational Agriculture Teachers Short Course.
June 5-9.....	Summary Refresher Courses for Home Economics Graduates.
June 8-9.....	State Conference of Vocational Agriculture Teachers.
July 10-22.....	Farm Appraisal Study Course.
August 22.....	4-H Judging Field Day.
September 3-9.....	National Farm Bureau Institute.
September 5-6.....	Pullorum Testing School.
September 7-8.....	School for Flock-Selecting Agents.
September 12-13.....	American Soybean Association, Silver Jubilee.
September 14.....	Farm Security Administration Meeting.
October 4.....	Twenty-Fifth Annual Illinois Veterinary Conference.
October 16-20.....	Illinois Farm Supply Short Courses.
October 23-28.....	Special Course for Representatives of Materials Manufactures.
October 31-November 2.....	Fall Extension Conference.
December 5-7.....	Lumber and Material Dealers Farm Structures School.

### College of Commerce and Business Administration

*Accounting Conference.*—Held April 18, 1944, under the joint sponsorship of the College of Commerce and the Illinois Society of Certified Public Accountants. Discussion was devoted to the subject of war contract termination.

*Banking Conference.*—The fifth annual Banking Conference was held November 26-27, 1940, in cooperation with the Illinois Bankers Association. Officers, directors, and employees of banks were invited to attend the meetings, which were also open to the public. The sixth conference has been postponed because of the war.

*Building and Loan Short Course.*—Offered for the third time, May 6-8, 1941, this course provided instruction for building and loan employees and junior officers. The fourth course has been postponed for the duration of the war.

*Insurance Short Course.*—Offered for the second time, March 12-14, 1941, this course provided instruction for agents of fire and casualty insurance companies. The third course has been postponed for the duration of the war.

*Real Estate Appraisal Short Course.*—Held February 24-26, 1943, under the sponsorship of the Illinois Tax Commission, this course dealt with the appraising of urban and rural properties in Illinois. This course has been postponed for the duration of the war.

1944

### College of Education

June 12-July 7.....	State Course of Study.
June 12-July 7.....	Short Course for High School Teachers of Aeronautics.
June 12-July 7.....	Agricultural Education Conference.
June 12-July 7.....	Distributive Education Conference.
June 20-23.....	Conference for Principals of High Schools.
June 22-23.....	Conference on Safety Education.
June 26-30.....	Training Course for Conference Leaders in Industry.
July 11-14.....	Conference for Principals of High Schools.
July 11-14.....	Conference for County Superintendents of Schools.
July 11-14.....	Conference on Education of Handicapped Children.
July 15-20.....	Conference for Production Managers.
July 25-28.....	Conference for Principals of High Schools.
August 1-4.....	Adult Education Conference.

1945

January 8-9.....	Conference on Teacher Education.
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### College of Engineering

*Conference on Glass Problems.*—Held for the first time in 1934, under the auspices of the Department of Ceramic Engineering, in cooperation with the Chicago Section of the American Ceramic Society. This conference has been repeated several times and was last held in November, 1944.



*Enamel Symposium.*—Held for the first time in 1934, under the auspices of the Department of Ceramic Engineering. Similar conferences, in cooperation with the Porcelain Enamel Institute, have been held since then, the last being in October, 1941. In 1942 the symposium was replaced by a short course in heat treating for porcelain enamellers. The second general meeting of the Technical Committee of the Enamelled Utensil Manufacturers Council was held in June, 1944. Another meeting may be held in 1945.

*Clay Products Plant Operators' Conference.*—Held for the sixth time in June, 1941, under the auspices of the Department of Ceramic Engineering, in cooperation with the Illinois Clay Manufacturers' Association. It has not been held since then.

*Conference for Highway Engineers.*—A three-day conference is conducted annually by the Department of Civil Engineering in cooperation with the Illinois Division of Highways. The thirty-first conference was held in March, 1944.

*Short Course on Coal Utilization.*—Offered for the sixth time by the Department of Mining and Metallurgical Engineering in May, 1941. Not offered since then.

*Conference on Air Conditioning.*—First held in 1936, and repeated in March, 1939. Not held since 1939.

*Conference on Surveying.*—The fifth annual conference on surveying was held in March, 1942. The sixth conference has been postponed because of the war.

*Electric Metermen's Short Course.*—Offered in April, 1939, by the Department of Electrical Engineering, in cooperation with several power companies in Illinois. For a number of years prior to 1930 this short course was given each year in cooperation with the Illinois Electric Association. Not offered since 1939.

*Sewage Treatment Works Operators' Short Course.*—First offered in March, 1939, sponsored by the State Department of Public Health and the Department of Civil Engineering. The sixth course was offered in 1945.

*Water Treatment Plant Operators' Short Course.*—Offered for the first time in March, 1940. The sixth course was held in March, 1945.

*Illinois Traffic Engineering Conference.*—First held in February, 1941, sponsored by the Department of Civil Engineering and the Illinois Division of Highways. Not held since 1941.

*Foremen's National Defense Conference.*—Held for the first time in November, 1941, under the auspices of the Division of University Extension. Not held since 1941.

### College of Fine and Applied Arts

*Community Planning Conferences.*—The Bureau of Community Planning conducts community planning conferences with civic officials, planners, and laymen who are interested. Local and regional conferences have been held at various places in Illinois.

*Fire College.*—The Department of Architecture, cooperating with the Illinois Firemen's Association, offers a short course in fire prevention and extinguishment. Discussions and demonstrations include first-aid and rescue work, safety measures, hydraulics, mechanical equipment, inspections, and other preventive measures. The 1944 Fire College was held June 6-9.

### School of Journalism

*Journalism Conference.*—For twenty-three years an all-state press conference has been held annually on the campus, usually in conjunction with the annual fall meeting of the Illinois Press Association. The 1944 conference was held October 12, 13, and 14.

*Illinois College Press Association.*—The School of Journalism sponsors an organization of editors and business managers of Illinois college publications, who meet in the spring and the fall of each year. The 1944 fall meeting was held in Peoria October 28.

*Illinois Daily Newspaper Conferences.*—The School of Journalism assists members of the daily newspaper associations in arranging conferences. It has had a part in annual meetings of Associated Press Editors of Illinois, United Press Editors of Illinois, Illinois Daily League, and Inland Daily Press Association.

*Illinois State High School Press Association.*—The annual two-day conference of this organization of high-school teachers and students engaged in publication work, which was suspended in 1943 because of wartime difficulties, was held on the University campus November 3 and 4, 1944. Attendance was limited to two representatives from each high school publication.

## RADIO STATION

EDUCATIONAL PROGRAMS are broadcast daily by the University of Illinois Radio Station, W I L L, which operates on a frequency of 580 kilocycles. The power used is 5,000 watts. The studios are in Gregory Hall. The programs include broadcasts direct from classrooms, short educational discussions, music by students and faculty members, news, market quotations, and other public service reports. The Radio Station also operates W I U C, an educational, non-commercial FM station on 42,900 kilocycles. Requests for information may be addressed to the Director of the Radio Station, 161 Administration Building, Urbana, Illinois.

### Staff

JOSEF FRANKLIN WRIGHT, A.B., Director of the Radio Station  
 FRANK ELLSWORTH SCHOOLEY, B.S., Assistant Director  
 LANSON FREDERICK DEMMING, M.Mus., Director of Music  
 ALBERT JAMES EBEL, M.S., Chief Radio Engineer  
 NELSON FRANCIS NORMAN, A.M., Chief Announcer  
 ARMIDA KOIVISTO, B.Mus., Continuity Writer  
 JEAN MARGARET WALDEN, A.B., Assistant Radio Engineer

## SMALL HOMES COUNCIL

THE Small Homes Council was established in 1944 for the purpose of informing the general public on matters pertaining to home design, construction, maintenance, and ownership, by means of publications and approved forms of demonstration. The activities of the Council are under the direction of an advisory committee. Its program includes the development and coordination of research and experiment in new fields of design, construction, materials, and human use of the home. The Council acts as an agency to coordinate the research and teaching facilities of all departments and colleges in the University whose work touches on the problems pertaining to the home, both urban and rural. It also acts as a cooperating agency with elements of the building industry which are interested in the same fields of endeavor. The work of the Council is done by a staff and by committees whose members are drawn from the faculty of cooperating departments and colleges.

### Advisory Committee

REXFORD NEWCOMB, A.M., M.Arch., *Chairman*  
 MELVIN LORENIUS ENGER, M.S., C.E., Engineer  
 JULIET LITA BANE, A.M., D.Sc., Home Economist  
 MAURICE KENDALL FAHNESTOCK, M.S., Engineer  
 SEICHI KONZO, M.S., Engineer  
 RUSSELL MARION NOLEN, Ph.D., Economist  
 LORING HARVEY PROVINE, B.S., A.E., Architect  
 EMIL WILHELM LEHMANN, B.S., E.E., A.E., Agricultural Engineer  
 ARTHUR FRANCIS DEAM, B.Arch., Architect  
 WILLIAM HUNT SCHEICK, M.S., Architect, *Coordinator*

# EXPERIMENT STATIONS AND RESEARCH BUREAUS

## THE AGRICULTURAL EXPERIMENT STATION

BY AN ACT OF CONGRESS, APPROVED MARCH 2, 1887, THE SUM of \$15,000 a year was appropriated to each state for the purpose of establishing and maintaining, in connection with the land-grant colleges established under the Morrill Act of 1862, agricultural experiment stations "to aid in acquiring and diffusing among the people of the United States useful and practical information on subjects connected with agriculture, and to promote scientific investigation and experiment respecting the principles and applications of agricultural science." Under this provision the Agricultural Experiment Station of the University of Illinois was founded in 1888 and placed under the direction of the Trustees of the University.

Federal grants are received annually as follows: \$15,000 provided under the Hatch Act approved March 2, 1887; \$15,000 provided under the Adams Act approved March 16, 1906; \$60,000 provided under the Purnell Act approved February 24, 1925. The appropriation provided under the Bankhead-Jones Act, approved June 29, 1935, was \$86,736.52 for the fiscal year 1944-1945.

### Investigations

Investigations are being conducted by the Agricultural Experiment Station in the improvement and economic production of crops and the mechanics of curing and storing them; the growing of fruits and vegetables; the growing of flowers under glass; methods of livestock production; principles of animal breeding and nutrition; the production and manufacture of dairy products; the control of plant and animal diseases; the adaptation of power and machinery to farm and farm-home operations; the development of buildings particularly suitable to Illinois conditions; the checking of soil erosion and the most satisfactory methods of tile drainage; the economical organization of different types of farms; and the application of principles of economics to agricultural problems, particularly to those of marketing. The great basic problem of maintaining and increasing the fertility of the soils of Illinois is being studied in the laboratory and in experimental fields located on different types of soil over the state. The results of investigations are published in bulletins, which are distributed free of charge. A list of the available publications will be supplied on request.

### General Staff

HENRY PERLY RUSK, M.S., Director  
HALDANE WESLEY BEAN, M.S., Assistant to the Director  
GEORGE CLEMENS DECKER, Ph.D., Entomologist  
FREDERICK JOHNSON KEILHOLZ, B.S., Extension Editor<sup>1</sup>  
ANNA CUSHMAN GLOVER, Editor  
ADRIAN WILLIAM JANES, A.B., Assistant Editor<sup>2</sup>  
EDNA AGNES MARY COARD, A.M., Assistant Editor<sup>2</sup>  
MRS. JESSIE CASSIDY BENNETT, A.M., Assistant Editor  
MARGARET PLOWMAN MCGLOTHLIN, A.M., Assistant Editor  
CARL JOHN WEINMAN, Ph.D., Special Research Assistant  
GEORGE FRANKLIN LUDVIK, A.B., Special Research Assistant<sup>2</sup>  
WILLIS NELS BRUCE, B.S., Special Research Assistant

<sup>1</sup>Resigned.

<sup>2</sup>On leave of absence for war service.

## Dixon Springs Experiment Station

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<sup>2</sup>On leave of absence until January 1, 1945.

<sup>3</sup>Resigned.

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### SOYBEAN LABORATORY

THE United States Regional Soybean Laboratory, a cooperative agency under the Bankhead-Jones Act of 1935, has its headquarters on the Urbana campus of the University of Illinois. This laboratory is maintained by the Bureau of Plant Industry, Soils, and Agricultural Engineering of the United States Department of Agriculture, with the cooperation of the Agricultural Experiment Stations of the North Central States. Its purpose is to develop improved varieties and strains of soybeans for industrial utilization, and to conduct fundamental research on the effects of cultural practices in soybean production, through the cooperating experiment stations. Reports of its investigations are published by the U.S.D.A. at Washington, D.C. Further information may be obtained by addressing the United States Regional Soybean Laboratory, Urbana, Illinois.

### Staff

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 ORLAND ALVIN KROBER, M.S., Assistant Chemist

<sup>1</sup>Resigned.

<sup>2</sup>On leave of absence for war service.

<sup>3</sup>Deceased February 14, 1945.

## THE ENGINEERING EXPERIMENT STATION

THE Engineering Experiment Station is an organization in the College of Engineering, created by the Board of Trustees of the University in 1903, to stimulate engineering education and to investigate problems of importance to professional engineers and to manufacturing, railway, mining, and other industrial interests. It has published 356 bulletins, 49 circulars, and 31 reprints. A list of titles of the available publications will be sent on request.

Control is vested in an executive staff composed of the Director, the Assistant Director, and the heads of departments in the College of Engineering, and the Professor of Chemical Engineering. This staff is responsible for the establishment of general policies and the approval of material presented for publication. The research is conducted chiefly by full-time research professors and graduate assistants. Those employed for special investigations are engaged for a limited time on single problems.

The University normally maintains fourteen research graduate assistantships in the Engineering Experiment Station. In addition, several other assistantships are usually maintained by industrial organizations, the number varying from year to year. The assistantships are awarded to graduates of approved universities and technical schools who are prepared to undertake graduate study in engineering, physics, or applied chemistry. Holders of assistantships receive a nominal stipend and are exempt from tuition fees in courses that count for graduate credit. Not more than half of the time of these assistants during ten months of each year is required in connection with the work of the department to which they are assigned; the remainder of their time is available for graduate study. Further details concerning the research graduate assistantships will be supplied on request by the Director of the Engineering Experiment Station.

### Cooperative Investigations

In addition to research conducted with University funds, cooperative investigations have been undertaken with funds supplied by outside agencies which are interested in special problems of industry. In such investigations, the University reserves the right to control the results obtained and to publish them. The funds for such cooperative investigations are paid to the University and are administered by it for the special purposes for which they are provided. The following cooperative investigations are in progress:

- (1) Warm air furnaces and furnace heating systems, in cooperation with the National Warm Air Heating and Air Conditioning Association.
- (2) Solubility studies of boiler waters, in cooperation with the Utilities Research Commission, Inc.
- (3) Lead sheath materials, in cooperation with the Utilities Research Commission, Inc.
- (4) Heating and ventilation, in cooperation with the American Society of Heating and Ventilating Engineers.
- (5) Rails investigation, in cooperation with the Association of American Railroads and the Technical Committee on Rails, American Iron and Steel Institute.
- (6) Pressures in granular materials, in cooperation with an anonymous donor.
- (7) Reinforced concrete slabs, in cooperation with the Public Roads Administration of the Federal Works Agency and the Illinois State Division of Highways.
- (8) The soundness of the Chicago region dolomites, in cooperation with the Illinois State Geological Survey and the Illinois State Division of Highways.
- (9) Some factors controlling the uses of clays, in cooperation with the Edward Orton Jr. Ceramic Foundation.
- (10) Fatigue strength of welded joints for structural steel members, in cooperation with the Public Roads Administration of the Federal Works Agency and the Association of American Railroads.
- (11) Steel car wheels, in cooperation with the Technical Board of the Wrought Steel Wheel Industry.



- (12) Expansion joints for concrete pavements, in cooperation with the State of Illinois.
- (13) Steel brake shoes, in cooperation with the Tennessee Coal, Iron, and Railroad Company.
- (14) Earth pressures on rigid culverts, in cooperation with the Illinois State Division of Highways.
- (15) The endurance of chilled iron car wheels under continued brake application, in cooperation with the Griffin Wheel Company.
- (16) Steam and hot water heating, in cooperation with the Institute of Boiler and Radiator Manufacturers.
- (17) Enamel standards, in cooperation with Enameled Utensil Manufacturers Council.
- (18) Load resisting properties of plastics, in cooperation with the National Advisory Committee for Aeronautics.
- (19) Fatigue failures of rail joint bars and the relation of wheel loads to wheel diameters, in cooperation with the Association of American Railroads.
- (20) Ceramic type coatings for exhaust disposal systems, in cooperation with the Army Air Forces.
- (21) Joints in copper plates, in cooperation with the Copper and Brass Research Association.
- (22) Thermocouple systems, in cooperation with the Naval Medical Research Institute and the Army Air Forces.
- (23) Tests of riveted joints, in cooperation with the United States Navy.
- (24) Corrosion in brass and copper pipe for plumbing, in cooperation with the Copper and Brass Research Association.
- (25) Fatigue characteristics of bolts and countersunk screws, in cooperation with the National Advisory Committee for Aeronautics.
- (26) Hollow propeller blades, in cooperation with the Army Air Forces Materiel Command, Wright Field.
- (27) Properties of several clays as related to enameling, in cooperation with the United Clay Mines Corporation of Trenton, New Jersey.
- (28) Structural research, in cooperation with the Consolidated-Vultee Aircraft Corporation.
- (29) Use of strontium carbonate in ceramics, in cooperation with the Barium Reduction Corporation of South Charleston, West Virginia.
- (30) Fatigue of propeller materials, in cooperation with Hamilton Standard Propellers, Division of United Aircraft Corporation.
- (31) Magnetron tubes, in cooperation with the Aircraft Radio Laboratory, Wright Field.
- (32) Reinforced concrete footings, in cooperation with the American Iron and Steel Institute.
- (33) Shock absorbing capacity of steel, in cooperation with the Chicago Bridge and Iron Company.
- (34) Thermal stresses due to welding, in cooperation with the Chicago Bridge and Iron Company.
- (35) Properties of laminated plastics, in cooperation with the National Advisory Committee for Aeronautics.
- (36) Methods of fatigue testing and fatigue properties of plastics, in cooperation with the Monsanto Chemical Company, Plastics Division, Springfield, Massachusetts.
- (37) Embrittlement of ship plates, in cooperation with the National Defense Research Committee.
- (38) Wheel loads, joint bars, and rail web, in cooperation with the Association of American Railroads.
- (39) Ship cracks, in cooperation with the United States Coast Guard.

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 Applied Mechanics<sup>2</sup>  
 SAM SACHS, M.S., Research Assistant in Mechanical Engineering<sup>1</sup>  
 HERMAN JOHN SCHRADER, M.S., Research Professor of Applied Mechanics  
 OMAR MARION SIDEBOTTOM, M.S., Special Research Assistant in Theoretical and  
 Applied Mechanics  
 CHESTER PAUL SIESS, M.S., Special Research Associate in Theoretical and Applied  
 Mechanics  
 LLOYD SMITH, A.M., Special Research Associate in Physics  
 WARREN HARDING SMITH, M.S., Special Research Associate in Physics  
 FREDERICK GUY STRAUB, M.S., Met.E., Special Research Professor of Chemical Engi-  
 neering  
 ROBERT LOUIS SUTHERLAND, B.S., Special Research Assistant in Theoretical and  
 Applied Mechanics  
 SHERLOCK SWANN, JR., Ph.D., Research Professor of Chemical Engineering  
 ARTHUR ULRICH THEUER, A.B., Special Research Associate in Theoretical and Applied  
 Mechanics  
 MEHMET NEJAT TOKAY, M.S., Special Research Assistant in Theoretical and Applied  
 Mechanics  
 JOSEPH TYKOCINSKI TYKOCINER, E.E., Research Professor of Electrical Engineering  
 WILBUR M. WILSON, M.M.E., C.E., D.Eng., Research Professor of Structural Engi-  
 neering

#### Research Graduate Assistants

- ALI AKSEL, B.S., Research Graduate Assistant in Civil Engineering  
 SAKIP MEHMET ALTAY, B.S., Research Graduate Assistant in Civil Engineering<sup>2</sup>  
 ORHAN MEHMET BAYCU, M.S., Research Graduate Assistant in Civil Engineering<sup>2</sup>  
 ROBERT LOUIS COLLIN, B.S., Research Graduate Assistant in Ceramic Engineering  
 ROBERT STUART HANMER, M.S., Research Graduate Assistant in Chemical Engineering  
 MELVIN WHEELER JACKSON, B.Eng., Research Graduate Assistant in Civil Engineering  
 BEDROS KAYAYAN, M.S., Research Graduate Assistant in Civil Engineering<sup>2</sup>  
 MING LEE, M.S., Research Assistant in Civil Engineering  
 WILLIS LIMLE OGDEN, B.S., Special Research Graduate Assistant in Civil Engineering<sup>2</sup>  
 MEHMET VEDAT URUL, B.S., Research Assistant in Civil Engineering  
 NIKIFOR YANIN YAKOVLEVITCH, M.S., Special Research Graduate Assistant in Civil  
 Engineering

### BUREAU OF EDUCATIONAL RESEARCH

WALTER SCOTT MONROE, Ph.D., Director

THE Bureau of Educational Research, established in 1918, is operated as a department of the College of Education. Research is carried on by members of the staff and also by graduate students who are preparing theses for

<sup>1</sup>On leave of absence for war service.

<sup>2</sup>Resigned. <sup>3</sup>On leave of absence until January 20, 1945.

advanced degrees. It is the purpose of this bureau to conduct original investigations in the field of education, to summarize and bring to the attention of school people the results of research done elsewhere, and to be of service to the schools of Illinois in other ways. The results of its original investigations are published in a series of bulletins, and its general communications and accounts of research done elsewhere are published in a series of circulars.

## BUREAU OF ECONOMIC AND BUSINESS RESEARCH

THE Bureau of Economic and Business Research, established in 1921, is operated as the research department of the College of Commerce and Business Administration. Its primary objective is the dissemination of economic and business knowledge among the businessmen of Illinois. In this respect it endeavors to serve as a clearing house for information on tested business practices. Although the major part of the research is directed especially toward Illinois, the Bureau also engages in general economic research.

Fields in which research has been carried on include: marketing; banking and private finance; public finance, taxation, and governmental accounting; utilities; accounting and records; and resources and industries of the State. The results are published in the form of research bulletins, business studies, and brief special bulletins, from time to time when material is available. The Bureau also issues a quarterly magazine, *Opinion and Comment*, which is designed to present discussions of current economic and business problems in nontechnical language. The *Illinois Business Review* is a monthly summary of business conditions in Illinois.

### Staff

HARRY KENNETH ALLEN, Ph.D., Director<sup>1</sup>  
 JOHN FRED BELL, Ph.D., Acting Director  
 PAUL D. CONVERSE, A.M., LL.D., Research Professor  
 ANANIAS CHARLES LITTLETON, Ph.D., C.P.A., Research Professor  
 FRED MITCHELL JONES, Ph.D., Research Assistant Professor  
 ROBERT VICTOR MITCHELL, M.B.A., Research Assistant<sup>1</sup>  
 FLORENCE LEONE WHITE, A.M., Junior Statistician  
 MRS. HILDA ROSE STICE, A.B., Assistant Editor  
 CHARLES EMERY BRADLEY, JR., B.S., Assistant

## BUREAU OF INSTITUTIONAL RESEARCH

ARTHUR HARRY WINAKOR, Ph.D., C.P.A., Assistant Director

THE Bureau of Institutional Research was established in 1933 as a fact-finding agency directly responsible to the President of the University. Under the guidance of its advisory committee with the Provost as chairman, the bureau studies the teaching, research, budgetary, administrative, and other aspects of University operation in their relation to one another, to educational policies and objectives, and to the social needs of the state. The results of its continuous internal appraisal of the operations of the University are made available to the President in special memoranda.

<sup>1</sup>On leave of absence for war service.

**BUREAU OF COMMUNITY PLANNING**

**T**HE Bureau of Community Planning, established in 1934, is operated as a department of the College of Fine and Applied Arts. Its purpose is to stimulate and promote public interest in community planning, to carry on research in this field, to publish the results of such research, and to make background surveys pertinent to intelligent planning of Illinois communities. It offers consulting service on planning procedure but does not make master plans or render other services usually performed by professional planners, nor can it undertake investigations or surveys for individuals. It participates from time to time in conferences on community planning.

Bulletins currently available are entitled (1) Planning of Illinois Communities; (2) Planning for Public Health; (3) Municipal Budgets for Capital Improvements; (4) The Business Man and His Regional Plan; (5) Planning Opportunities for Towns in Illinois. An occasional publication, *Planning Data*, analyzing and digesting Illinois legislation that deals with community planning, is also available.

**Executive Staff**

REXFORD NEWCOMB, A.M., M.Arch., Director  
OTTO G. SCHAFFER, B.S., Professor of Landscape Architecture  
KARL BAPTISTE LOHMANN, M.L.A., Professor of Landscape Architecture  
HARLAND BARTHOLOMEW, C.E., City-Plan Engineer (St. Louis, Mo.)  
LORING HARVEY PROVINE, B.S., A.E., Professor of Architectural Engineering  
CYRUS EDMUND PALMER, M.S., Professor of Architectural Engineering  
DON HAWK MORGAN, B.S., Community Consultant

**Advisory Staff**

*(Cooperating from other departments of the University)*

JAMES JOSEPH DOLAND, M.S., C.E., Engineer  
FRANK WALBRIDGE DEWOLF, B.S., Geologist  
WILLIAM OSCAR BLANCHARD, Ph.D., Geographer  
W. RUSSELL TYLOR, Ph.D., Sociologist  
CHARLES MAYNARD KNEIER, Ph.D., J.D., Political Scientist<sup>1</sup>  
HORACE MONTGOMERY GRAY, Ph.D., Economist  
HIRAM THOMPSON SCOVILL, A.B., C.P.A., Accountant  
ARTHUR G. ANDERSON, C.E., Ph.D., Counselor on Social-Industrial Relations  
CHARLES LESLIE STEWART, Ph.D., Rural Economist  
DAVID EDGAR LINDSTROM, Ph.D., Rural Sociologist  
JOSEPH HOWARD BEARD, A.M., M.D., Specialist in Public Health

<sup>1</sup>On leave of absence for war service.

# RELATED UNIVERSITY ORGANIZATIONS

## THE UNIVERSITY OF ILLINOIS FOUNDATION

ORGANIZED IN 1935, the University of Illinois Foundation is a non-profit corporation under the laws of the State of Illinois. It grew out of the Alumni Fund which had been begun about ten years previously. One project of the Alumni Fund was the completion in 1929 of Lorado Taft's "Alma Mater" statue, cast in bronze and located south of the Auditorium on the Urbana campus. Another project was the subscription in 1930 of \$5,000 for the endowment of the Taft Lectureship in Art, for which some \$20,000 had previously been subscribed by individuals. A third project was the establishment in 1932 of an emergency loan fund of \$4,000 for small loans to worthy students in the University.

Objectives of the Foundation may be summarized as follows: (1) to assist in developing the facilities of the University by encouraging gifts of money, property, works of art, etc., and by such other means as may seem advisable; (2) to receive, hold, and administer such gifts with the primary object of serving purposes other than those for which the State of Illinois ordinarily makes sufficient appropriations; (3) to act as the business agent of the Board of Trustees of the University in the performing of other services specified by them; and (4) to undertake such other enterprises as tend to promote the interests and welfare of the University.

The Foundation consists of twenty-six members. At the annual meeting of the Foundation, six of the members are elected to serve as Directors of the Foundation, together with three ex-officio directors.

### Directors ex Officio

ARTHUR CUTTS WILLARD, President of the University  
PARK LIVINGSTON, President of the Board of Trustees of the University  
CARL C. LARSON, President of the Alumni Association

### Foundation Members

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HAROLD BOESCHENSTEIN  
ROBERT F. CARR<sup>2</sup>  
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### Officers

CHARLES S. PILLSBURY, President of the Foundation  
GEORGE E. WOODS, Vice-President of the Foundation  
LLOYD MOREY, Comptroller of the University, Treasurer  
JAMES C. COLVIN, Secretary of the Foundation

<sup>1</sup>Deceased January 26, 1945.

<sup>2</sup>Deceased January 22, 1945.

## THE ALUMNI ASSOCIATION

THE Alumni Association, which has been continuously active since 1873 as an auxiliary to the University, adopted most of its present constitution in 1913. Its purpose is to encourage the continued interest of former students in one another and in the University, and to serve the University in every way possible. Its main offices, in the Illini Union Building on the campus at Urbana, are well located to coordinate its work with student and faculty activities and to provide a convenient meeting place for visiting alumni. A branch office, the Illini Center, is maintained in the LaSalle Hotel in Chicago.

All former students and all faculty members, past and present, are eligible for membership in the Alumni Association. The annual membership fee is \$3. Life membership is \$60. The officers and directors are elected by the members; elections are held annually, the officers to serve for one year and the directors to serve terms of three years each.

The monthly magazine, *Illinois Alumni News*, has a circulation of about 80,000, including more than 18,000 now serving their country in all parts of the world. A staff is constantly employed to keep accurate records of the addresses and other facts concerning former students, who number approximately 150,000.

In matters concerning alumni relations the Alumni Association cooperates with the University of Illinois Foundation and the Athletic Association, as well as with the colleges, schools, and departments of the University.

### Board of Directors

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GLEYN GOODWINE, Alumni Recorder<sup>1</sup>  
JAMES C. COLVIN, A.B., Editor of *Illinois Alumni News*  
WALTER JOEL WESSMAN, B.S., Director of Field Activities  
CHARLES B. YOUNGER, A.B., Membership Director  
MRS. MILDRED FISHER TALBOT, A.B., Director of the Chicago Illini Center<sup>1</sup>  
MRS. MARY TUCKER ENGEL, B.S., Supervisor of the Chicago Illini Center

<sup>1</sup>On leave of absence for war service.

## ATHLETIC ASSOCIATION

INTERCOLLEGIATE athletics, intramural sports, and other athletic activities for men in the University are administered by the Athletic Association, which was first organized in 1883 and has been under faculty control since 1891. Under its by-laws as amended in 1939, its board of directors consists of seven members, who are appointed annually by the Trustees of the University on recommendation of the President of the University. Four directors are members of the faculty, and three are non-faculty members of the Alumni Association. The officers of the Association consist of a president, vice-president, and secretary, who are elected annually by the directors from their own membership, and a treasurer and a business manager, who are also elected by the directors.

The funds of the Athletic Association are handled under regulations adopted by the Trustees of the University, and an annual budget of anticipated income and expenditures is submitted to the Trustees for approval. Sales of tickets for athletic events are audited by a representative of the Comptroller of the University, and an annual audit of the accounts of the Association is made by a public accountant approved by the Trustees.

## Directors and Officers

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 of the Intercollegiate Conference)

## Staff

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 ROBERT CARL ZUPPKE, Ph.B., Head Football Coach, *Emeritus*  
 WALTER HENRY ROETTGER, B.S., Head Baseball Coach and Assistant Basketball Coach  
 LEO THOMAS JOHNSON, A.B., Head Track Coach and Assistant Football Coach  
 HAROLD EUGENE KENNEY, M.S., Head Wrestling Coach<sup>1</sup>  
 HARTLEY D'OYLEY PRICE, A.M., Director of Intramural and Recreational Sports and Head Gymnastics Coach<sup>1</sup>  
 MAX JOSSELYN CHAPMAN, A.M., Acting Director of Recreational Sports<sup>1</sup>  
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 RAYMOND ELIOT, A.M., Head Football Coach  
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 CHARLES EVERETTE FLYNN, A.M., Director of Athletic Publicity  
 GLENN CLINE LAW, M.S., Acting Wrestling Coach, Assistant Football Coach, and Acting Personnel Director  
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 WILLIAM JACKSON TREECE, M.S., Assistant Football Coach<sup>1</sup>  
 ANTHONY A. BLAZINE, B.S., Assistant Football Coach

<sup>1</sup>On leave of absence for war service.



RALPH HARRY JOHNSON, M.S., Acting Tennis Coach  
 JOHN TARWAIN, M.S., Assistant Football and Basketball Coach<sup>1</sup>  
 CLYDE WILLIAM LYON, B.S., Business Manager<sup>1</sup>  
 MRS. JANE CUNNINGHAM GEILER, Acting Ticket Manager  
 LELAND M. T. STILWELL, M.D., Physician<sup>1</sup>  
 IRWIN WOODWARD BACH, A.M., M.D., Acting Physician  
 DAVID MADISON BULLOCK, Head Trainer  
 FRED JAMES STIPE, Superintendent of Operation and Maintenance

## BOARD OF EXAMINERS IN ACCOUNTANCY

UNDER AN ACT of the General Assembly in 1943, which supersedes the original Accountancy Act of 1903, and the Public Accounting Act of 1927, the University of Illinois is entrusted with the examining of applicants for certificates of Certified Public Accountant in this state. To carry out the provisions of the law, the Board of Trustees appoints a board of three examiners to prepare, conduct, and grade examinations, and, with the approval of the Department of Registration and Education, a special board of five members to pass upon the qualifications and examine applicants with ten years of experience who hold certificates of registration as public accountants in Illinois by waiver or oral examination, under the Act of 1927. The President of the University appoints a University committee on accountancy to pass upon applicants who hold C.P.A. certificates of other states or who possess the Illinois public accountant certificate under the Act of 1927 on the basis of the regular semi-annual written examination, and in other ways to act as the President's agent in administering the Act. Each applicant for the C.P.A. certificate by written examination is required to pass examinations in the theory of accounts, commercial law, auditing, and practical accounting.

The Illinois Society of Certified Public Accountants has offered annually a gold medal and a silver medal to be awarded, respectively, to the persons the board of three examiners has certified as having passed the C.P.A. written examinations with the highest and the next highest total marking in all subjects.

### Board of Examiners

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 HENRY C. HAWES, B.S., C.P.A., *Secretary*, Chicago  
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 EDGAR R. BOURKE, C.P.A., Chicago  
 FRED N. SETTERDAHL, C.P.A., Rock Island  
 JOSEPH A. KOVAC, C.P.A., Chicago

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 GEORGE PHILIP TUTTLE, B.S., *Secretary*, Urbana  
 HORACE MONTGOMERY GRAY, Ph.D., Urbana  
 DONALD ASHWAY GROSSMAN, LL.B., *Clerk*, Urbana

<sup>1</sup>On leave of absence for war service.

# STATE SCIENTIFIC SURVEYS

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UNDER AN ACT OF THE GENERAL ASSEMBLY OF ILLINOIS entitled "The Civil Administrative Code," in 1917, the functions and duties formerly exercised by the scientific surveys located at the University of Illinois were vested in divisions of the State Department of Registration and Education, with the proviso that they continue to be exercised at the University of Illinois. These divisions are the State Natural History Survey, the State Water Survey, and the State Geological Survey.

The State Board of Natural Resources and Conservation, acting through subcommittees composed of the Director of the Department of Registration and Education, the President of the University of Illinois or his representative, and one or more expert advisers especially qualified, decides all matters pertaining to these surveys, including research, investigational and scientific work, selection and appointment of the members of the scientific staff, cooperation with the University in the use of scientific staff and equipment, and cooperation with allied divisions and departments of the government.

## Board of Natural Resources and Conservation

### *Ex-Officio Members*

FRANK G. THOMPSON, Director, Department of Registration and Education  
ARTHUR CUTTS WILLARD, B.S., D.Eng., LL.D., President of the University

### *Appointed Members*

ROGER ADAMS, Ph.D., D.Sc., Professor of Organic Chemistry.....Chemistry  
NORMAN L. BOWEN, Ph.D., Professor of Geology, University of Chicago.....Geology  
LOUIS R. HOWSON, B.S., C.E., Consulting Engineer, Chicago.....Engineering  
EZRA J. KRAUS, Ph.D., D.Sc., Professor of Botany, University of Chicago....Forestry  
WILLIAM TRELEASE,<sup>1</sup> D.Sc., LL.D., Professor of Botany, *Emeritus*.....Biology

## STATE NATURAL HISTORY SURVEY DIVISION

AS NOW ORGANIZED under the Civil Administrative Code of 1917, the State Natural History Survey Division is a merger of the former office of State Entomologist of Illinois and the Illinois State Laboratory of Natural History, which originated in 1862 as the Museum of the State Natural History Society. The office of State Entomologist was established by an act of the Legislature in 1867.

It is the duty of the Natural History Survey Division to make a complete survey of the biology of Illinois, giving preference to subjects of educational and economic importance and especially, under the latter head, to all insects injurious to agriculture or horticulture, to truck farm and vegetable garden, to shade trees and other ornamental vegetation, to products of mills and contents of warehouses, and to public health. The Survey is further required to make experiments for the prevention of insect injuries and to instruct the people of Illinois, by lecture, demonstration, and bulletin, in the best methods of protecting their property and health against injuries by insects, and to publish the results of its investigations in bulletins, circulars, and reports covering the entire field of zoology and botany in Illinois.

<sup>1</sup>Deceased January 1, 1945.

The publications to date are as follows: a bulletin series now in its twenty-third volume containing 13,093 pages; eighteen entomological reports, totaling 3,017 pages; two volumes of final reports on the birds of Illinois; one volume, together with an atlas, on its fishes; the first three volumes of an educational series, *Fieldbook of Illinois Wild Flowers*, *Fieldbook of Illinois Land Snails*, and *Fieldbook of Native Illinois Shrubs*; and numerous circulars and pamphlets on special topics. A list of the available publications will be sent on request.

Large collections, particularly of Illinois material, have been accumulated by the Natural History Survey and permanently preserved for comparison and study. The main insect collection consists of more than one and a half million insects, as follows: 565,000 pinned specimens, 28,000 slide preparations, and over 1,000,000 in vials. The collection includes type specimens of about 2,600 species and is especially rich in material of immature stages. The zoological collection includes some 145,000 fishes in alcohol and formalin, 57,000 envelopes of fish scales, from which scales representing 13,000 fishes have been mounted on slides, and 60,000 mollusks. Botanical material includes 29,500 specimens and 2,000 permanently mounted microscopic slides of fungous and bacterial plant parasites, a herbarium of 18,500 plant specimens exemplifying the Illinois flora and 625 vials of seed samples. The collections are augmented by a quantity of bottles, vials, and packages of miscellaneous botanical and zoological material, including reptiles and amphibians. In addition to actual specimens, the Survey has in its files many thousands of records concerning the fauna and flora of Illinois, including an extensive statistical record covering the variations in disease epidemics attacking the principal crops of the state during the past 23 years and a file of information on most streams and many natural and artificial lakes of the state.

The main offices and laboratories are on the University campus at Urbana, in the Natural Resources Building, the first unit of which was completed in 1940. South of this building is an experimental greenhouse and service building especially designed for research on plant diseases and insect pests. Entomological field stations are at Des Plaines and Carbondale. Research facilities, including specially equipped laboratory buildings, are located at the Chautauqua National Wildlife Refuge, near Havana, and at Fox Ridge State Park, near Charleston, for studies in wildlife and other renewable natural resources. Additional experimental wildlife areas are maintained at Lake Glendale, near Dixon Springs, at Pere Marquette Wildlife Experimental Area and Migratory Waterfowl Refuge, near Grafton, and many other places in Illinois. A laboratory boat and attendant craft used for studies in aquatic biology, as well as an automobile trailer, are located in various parts of the state as the work requires.

Close cooperative relations are maintained with the other research divisions of the Department of Registration and Education, the biological departments of the University, the Illinois Agricultural Experiment Station, and various conservational, biological, and agricultural bureaus or departments of the state and national governments.

#### Committee of the Board of Natural Resources and Conservation

FRANK G. THOMPSON, Director, State Department of Registration and Education  
 ARTHUR CUTTS WILLARD, B.S., D.Eng., LL.D., President of the University  
 WILLIAM TRELEASE, D.Sc., LL.D., Professor of Botany, *Emeritus*<sup>1</sup>  
 EZRA J. KRAUS, Ph.D., D.Sc., Professor of Botany, University of Chicago

#### Staff of the State Natural History Survey Division

##### Office of the Chief

THEODORE HENRY FRISON, Ph.D., Chief  
 FLORENCE ANNA NYBERG, Assistant to the Chief

##### Economic Entomology Section

GEORGE CLEMENS DECKER, Ph.D., Entomologist  
 MILTON D. FARRAR, Ph.D., Research Entomologist  
 JOHN H. BIGGER, M.S., Associate Entomologist

<sup>1</sup>Deceased January 1, 1945.

STEWART C. CHANDLER, B.S., Southern Field Entomologist  
 JAMES WILBUR APPLE, M.S., Northern Field Entomologist  
 BERNARD GEORGE BERGER, A.M., Assistant Entomologist  
 JOHN McMASTER WRIGHT, A.B., Assistant Entomologist<sup>1</sup>  
 HOWARD BLISS PETTY, JR., A.M., Associate in Entomology Extension  
 CARL J. WEINMAN, Ph.D., Special Research Assistant in Entomology  
 WILLIS NELS BRUCE, B.S., Special Research Assistant in Entomology

#### Insect Survey Section

HERBERT H. ROSS, Ph.D., Systematic Entomologist  
 CARL O. MOHR, Ph.D., Associate Entomologist and Artist<sup>1</sup>  
 BARNARD DEWITT BURKS, Ph.D., Assistant Entomologist<sup>1</sup>  
 MILTON WILLIAM SANDERSON, Ph.D., Assistant Entomologist  
 KATHRYN M. SOMMERMAN, M.S., Artist and Entomological Assistant  
 PHYLLIS ANN BEAVER, Laboratory Assistant

#### Aquatic Biology Section

GEORGE WILLIAM BENNETT, Ph.D., Limnologist  
 DONALD FRARY HANSEN, Ph.D., Assistant Zoologist  
 BRUNO VON LIMBACH, M.S., Special Research Assistant

#### Forestry Section

JAMES ELWOOD DAVIS, B.S., M.F., Extension Forester  
 LEE EMMETT YEAGER, Ph.D., Forester

#### Applied Botany and Plant Pathology Section

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 JUNIUS L. FORSBERG, M.S., Research Pathologist  
 JAMES CEDRIC CARTER, Ph.D., Assistant Botanist  
 GIDEON HERMAN BOEWE, M.S., Field Botanist  
 MRS. BESSIE BALL HENDERSON, M.S., Research Assistant

#### Game Research and Management Section

RALPH E. YEATTER, Ph.D., Game Specialist

#### Wildlife Experimental Areas Section

ARTHUR STUART HAWKINS, M.S., Game Technician<sup>1</sup>  
 FRANK C. BELLROSE, JR., B.S., Assistant Game Technician  
 HAROLD CARSTEN HANSON, M.S., Assistant Game Technician  
 JACOB HENRY LEMM, Field Assistant  
 DANIEL AVERY, Field Assistant

#### Publications Section

JAMES STERLING AYARS, B.S., Technical Editor  
 ELEANOR GENE WOLFF, B.Ed., Assistant Technical Editor

#### Technical Library

MARGUERITE SIMMONS, A.M., M.S., Technical Librarian

#### Consultants

HOWARD K. GLOYD, Ph.D., Director of the Museum, Chicago Academy of Sciences  
 CLIFFORD H. POPE, B.S., Curator of Amphibians and Reptiles, Chicago Natural History  
 Museum

<sup>1</sup>On leave of absence for war service.

## STATE WATER SURVEY DIVISION

THE State Water Survey originated in the Chemistry Department of the University of Illinois in 1895, when a chemical survey of the water resources of Illinois was begun. An act of the General Assembly in 1897 authorized the continuance of the work and directed the Trustees of the University to establish a chemical and biological survey of the waters of the state. In 1911 the legislature made an increased appropriation and specified additional duties. Under the Illinois Civil Administrative Code enacted in 1917, the State Water Survey became a division of the State Department of Registration and Education. Its offices and laboratories are in the Noyes Laboratory of Chemistry on the Urbana campus of the University.

The Civil Administrative Code of 1917 directs that the State Water Survey Division, cooperating with other divisions, shall investigate and study the natural resources of the state; prepare printed reports and furnish information fundamental to their conservation and development; cooperate with similar departments of other states and the federal government; study the geological formations of Illinois with reference to its resources in mineral and artesian water; cooperate with the United States Geological Survey in the collecting, recording, and printing of data on water resources, including stream-flow measurements; collect facts concerning the volume and flow of underground and surface waters of Illinois, and determine the mineral qualities of water from different geological formations and surface water for the various sections of the state; publish, from time to time, the results of its investigations of the mineral qualities, volumes, and flow of underground and surface waters, to the end that the available water resources of the state may be better known; make mineral analyses of samples of water from municipal or private sources; consider and decide all matters pertaining to water and water resources and allied investigational and scientific research; cooperate with the University in the use of scientific staff and equipment; and cooperate with the various departments in research, investigational, and scientific work useful in the prosecution of the work of any department.

Thirty-five bulletins and twenty-two circulars have been published by the State Water Survey, in which are reported its investigations of water resources of Illinois and methods for the treatment of water and of liquid wastes.

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<sup>1</sup>On leave of absence for war service.

<sup>2</sup>On leave of absence.

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#### STATE GEOLOGICAL SURVEY DIVISION

THE State Geological Survey Division of the State Department of Registration and Education was established to study the geological formations of Illinois with reference to the resources of coal, ores, clays, petroleum, gas, water-bearing strata, building stones, cement-making materials, materials suitable for use in construction of roads, and other products; and with reference to the education of the people of the state. It publishes bulletins describing the state's geological and mineral resources, and topographic and geological maps. It serves the mining, chemical, metallurgical, manufacturing, and construction industries, both directly and indirectly, in numerous ways. It cooperates with the United States Geological Survey in the preparation of a topographic map of Illinois, and with various other federal departments, with state departments and divisions, and with the universities and colleges of the state, in supplying geologic and topographic information.

The offices and most of the laboratories of the State Geological Survey are located in the specially equipped Natural Resources Building, which was completed in 1940, on the south campus of the University. Its staff includes specialists in scientific and technologic research in the geology, geochemistry, geophysics, and mineral economics of the mineral resources of the state and their products. Its laboratories in chemistry, physics, and microscopy, which were established in 1931, supplement its field investigations in meeting the need of changing technology. In the new building X-ray and spectroscopic laboratories are also provided. A special building for large-scale experimentation, known as the Geological Survey Laboratory, was constructed in 1940.

Publications include 68 bulletins, 1 monograph, 33 bulletins in the series of *Illinois Mining Investigations*, 103 reports of investigations, 50 issues of *Illinois Petroleum*,

<sup>1</sup>On leave of absence for war service.

and 3 reports in the educational series, as well as short excerpts, press bulletins, information circulars, oil and gas drilling reports, and numerous drainage, topographic, structural, and geologic maps. A list of available publications will be sent on request.

During the current year attention has been given to: the study of the coal resources of Illinois, through field studies and compilation of mine and drilling data, with special attention to the problem of protecting coal mines and coal seams from damage by improperly drilled or improperly plugged oil wells, and at the same time to the development of geological information to aid in the discovery of new oil and gas pools; prosecution of fundamental research on coal, its constitution and its physical and chemical properties; investigation of methods for producing better stoker fuel; demonstration of the commercial feasibility of the manufacture of smokeless briquets from Illinois coals; research on the manufacture of metallurgical coke from Illinois coals; study of areas having possible coal for strip mining; study of areas known or thought to be favorable for production of oil and gas; studies of repressuring and other methods of improved recovery of oil in the Illinois oil fields; scouting of drilling wells; preparation of development maps of active areas in Illinois oil fields; extensive field studies, at the request of the federal government, to locate additional supplies of the critical mineral, fluorspar, used in open-hearth steel smelting, in the making of aluminum, and in the chemical industry; field investigations to locate additional sources of lead and zinc; studies in the utilization of the limestones, sandstones, and shales of Illinois; laboratory investigation of the physical and chemical properties of Illinois clays; research on the extraction of alumina from clays, on bonding clays, and on treatment of clays for lightweight refractories; preparation of a statistical report of Illinois mineral industry; geological problems encountered in highway construction; geologic conditions at sites for public dams, bridges, tunnels, national defense plants, etc.; examination of well cuttings, interpretation of well logs, and correlation of strata encountered in deep borings; greatly expanded studies, involving many new techniques, of the geology and production of sub-surface water supplies, to help meet the increased needs of ordnance and defense plants, communities of enlarged population, etc.; paleontological and stratigraphic studies of the Cambrian, Ordovician, Silurian, Mississippian, Pennsylvanian, and Pleistocene systems; paleobotanical studies of the Pennsylvanian system; micropaleontological studies of the pre-Mississippian, Mississippian, and Pennsylvanian; preparation of a revised edition of the geologic map of Illinois; detailed study and mapping of the areal geology of certain quadrangles, each covering approximately 225 square miles; writing of educational bulletins; and furnishing of geologic information and advice to mineral operators, manufacturers, construction engineers, and citizens of the state.

The topographic mapping program has been carried forward; in 1944 mapping was completed in the Ashkum, Elmwood, Piper City, and Ramsey quadrangles, and was in progress in the Vandalia quadrangle. The final maps for the Enfield, Galva, Milford, Mt. Carroll, and New Douglas quadrangles were issued. U. S. Geological Survey Bulletin 930-D, providing the descriptions and elevations of bench marks established by the Survey in northern Illinois, was issued. Data for similar bulletins providing the descriptions and positions of traverse stations are being assembled.

Because of the wartime emergency, efforts of the State Geological Survey are being directed especially toward studies bearing directly on mineral resources essential to the successful prosecution of the war.

#### Committee of the Board of Natural Resources and Conservation

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 ROGER ADAMS, Ph.D., D.Sc., Professor of Organic Chemistry and Head of Department

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 VELDA MILLARD, Junior Assistant to the Chief  
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<sup>1</sup>On leave of absence for war service.



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<sup>1</sup>On leave of absence for war service.

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LESLIE DAVIS VAUGHAN, Assistant Photographer

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# THE UNIVERSITY RETIREMENT SYSTEM OF ILLINOIS

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RETIREMENT ANNUITIES, DISABILITY AND DEATH BENEFITS, and separation benefits are provided for employees of the University of Illinois, the State Normal Universities and Teachers Colleges, and the State Scientific Surveys, under the University Retirement System of Illinois, which was created by an act of the General Assembly in 1941.

All employees thirty years of age or over, who are certified as being permanently and continuously employed by these organizations, are required to participate in the Retirement System; those who are less than thirty years of age may elect to participate. Contributions from the participating employees are supplemented by contributions from their employers.

The following annuities and benefits are available for participants and their beneficiaries: retirement annuities, reversionary annuities, disability benefits, death benefits, beneficiary annuities, and separation benefits.

The Retirement System is administered by a board of trustees consisting of five members: three elected by the Board of Trustees of the University from its own membership; one elected by the State Teachers College Board from its membership; and the Director of Registration and Education, serving *ex officio*.

Further information may be obtained from the office of the Retirement System, 305 Administration Building, Urbana, Illinois.

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# DEGREES, HONORS, AND PRIZES

## DEGREES CONFERRED IN 1944

EXPLANATION.—The degrees in the following lists were conferred in June, 1944, unless reference is made to another date by index numbers as follows:

- <sup>1</sup>Degree conferred in February, 1944.
- <sup>2</sup>Degree conferred in March, 1944.
- <sup>3</sup>Degree conferred in August, 1944.
- <sup>4</sup>Degree conferred in September, 1944.
- <sup>5</sup>Degree conferred in October, 1944.
- <sup>6</sup>Degree conferred in December, 1944.

Honors at graduation (see list beginning on page 482) are indicated as follows:

- \*With honors.
- \*\*With high honors.
- \*\*\*With highest honors

### Summary of Degrees Conferred in 1944

<b>College of Liberal Arts and Sciences</b>	
A. B.—Liberal Arts and Sciences (February) . . .	65
A. B.—Liberal Arts and Sciences (June) . . . . .	163
A. B.—Liberal Arts and Sciences (August) . . . . .	17
A. B.—Liberal Arts and Sciences (October) . . . . .	39
A. B.—Home Economics (June) . . . . .	1
B. S.—Liberal Arts and Sciences (February) . . . . .	21
B. S.—Liberal Arts and Sciences (June) . . . . .	35
B. S.—Liberal Arts and Sciences (August) . . . . .	4
B. S.—Liberal Arts and Sciences (October) . . . . .	18
B. S.—Applied Science (June) . . . . .	5
B. S.—Chemical Engineering (February) . . . . .	29
B. S.—Chemical Engineering (June) . . . . .	5
B. S.—Chemical Engineering (October) . . . . .	4
B. S.—Chemistry (February) . . . . .	9
B. S.—Chemistry (June) . . . . .	7
B. S.—Chemistry (October) . . . . .	5
<i>Total, College of Liberal Arts and Sciences . . . . .</i>	<u>427</u>

<b>College of Commerce and Business Administration</b>	
B. S.—Accountancy (February) . . . . .	16
B. S.—Accountancy (June) . . . . .	7
B. S.—Accountancy (October) . . . . .	2
B. S.—Banking and Finance (August) . . . . .	1
B. S.—Commercial Teaching (June) . . . . .	1
B. S.—General Business (February) . . . . .	2
B. S.—General Business (June) . . . . .	2
B. S.—Industrial Administration (February) . . . . .	1
B. S.—Industrial Administration (June) . . . . .	2
B. S.—Management (February) . . . . .	9
B. S.—Management (June) . . . . .	6
B. S.—Management (August) . . . . .	4
B. S.—Management (October) . . . . .	4
B. S.—Marketing (February) . . . . .	3
B. S.—Marketing (June) . . . . .	4
B. S.—Marketing (October) . . . . .	2
B. S.—Public Affairs (February) . . . . .	1
B. S.—Public Affairs (June) . . . . .	3
<i>Total, College of Commerce and Business Administration . . . . .</i>	<u>70</u>

<b>College of Engineering</b>	
B. S.—Agricultural Engineering (February) . . . . .	1
B. S.—Agricultural Engineering (June) . . . . .	1
B. S.—Ceramics (June) . . . . .	1
B. S.—Ceramic Engineering (February) . . . . .	3
B. S.—Ceramic Engineering (June) . . . . .	1
B. S.—Ceramic Engineering (October) . . . . .	8
B. S.—Civil Engineering (February) . . . . .	12
B. S.—Civil Engineering (June) . . . . .	8
B. S.—Civil Engineering (October) . . . . .	11
B. S.—Electrical Engineering (February) . . . . .	10

B. S.—Electrical Engineering (June) . . . . .	6
B. S.—Electrical Engineering (October) . . . . .	13
B. S.—Engineering Physics (February) . . . . .	9
B. S.—Engineering Physics (June) . . . . .	2
B. S.—Engineering Physics (October) . . . . .	2
B. S.—General Engineering (February) . . . . .	2
B. S.—General Engineering (June) . . . . .	2
B. S.—General Engineering (October) . . . . .	1
B. S.—Mechanical Engineering (February) . . . . .	31
B. S.—Mechanical Engineering (June) . . . . .	26
B. S.—Mechanical Engineering (October) . . . . .	19
B. S.—Metallurgical Engineering (February) . . . . .	13
B. S.—Metallurgical Engineering (June) . . . . .	3
B. S.—Metallurgical Engineering (October) . . . . .	6
B. S.—Mining Engineering (June) . . . . .	1
B. S.—Mining Engineering (October) . . . . .	1
B. S.—Sanitary Engineering (February) . . . . .	1
B. S.—Sanitary Engineering (October) . . . . .	7
<i>Total, College of Engineering . . . . .</i>	<u>201</u>

<b>College of Agriculture</b>	
B. S.—Agriculture (February) . . . . .	6
B. S.—Agriculture (June) . . . . .	6
B. S.—Agriculture (August) . . . . .	1
B. S.—Applied Science (June) . . . . .	3
B. S.—Floriculture (February) . . . . .	1
B. S.—Floriculture (June) . . . . .	1
B. S.—Home Economics (February) . . . . .	16
B. S.—Home Economics (June) . . . . .	44
B. S.—Home Economics (August) . . . . .	7
B. S.—Home Economics (October) . . . . .	2
B. S.—Nutrition and Dietetics (February) . . . . .	7
B. S.—Nutrition and Dietetics (June) . . . . .	12
B. S.—Nutrition and Dietetics (August) . . . . .	1
B. S.—Vocational Agriculture (August) . . . . .	2
<i>Total, College of Agriculture . . . . .</i>	<u>109</u>

<b>College of Education</b>	
B. S.—Education (February) . . . . .	23
B. S.—Education (June) . . . . .	48
B. S.—Education (August) . . . . .	12
B. S.—Education (October) . . . . .	9
B. S.—Agricultural Education (February) . . . . .	1
B. S.—Home Economics Education (June) . . . . .	1
B. S.—Industrial Education (February) . . . . .	1
<i>Total, College of Education . . . . .</i>	<u>95</u>

<b>School of Journalism</b>	
B. S.—Journalism (February) . . . . .	7
B. S.—Journalism (June) . . . . .	20
B. S.—Journalism (October) . . . . .	1
<i>Total, School of Journalism . . . . .</i>	<u>28</u>

## Summary of Degrees Conferred in 1944 (continued)

## College of Fine and Applied Arts

B.S.—Architectural Engineering (February) . . . . .	8
B.S.—Architectural Engineering (June) . . . . .	3
B.S.—Architectural Engineering (October) . . . . .	3
B.S.—Architecture (February) . . . . .	2
B.S.—Architecture (June) . . . . .	2
B.S.—Music Education (February) . . . . .	5
B.S.—Music Education (June) . . . . .	8
B.S.—Music Education (August) . . . . .	2
B.S.—Music Education (October) . . . . .	1
B.Mus.—(February) . . . . .	2
B.Mus.—(June) . . . . .	5
B.F.A.—Art Education (February) . . . . .	2
B.F.A.—Art Education (June) . . . . .	1
B.F.A.—Art Education (October) . . . . .	1
B.F.A.—Commercial Design (February) . . . . .	2
B.F.A.—Commercial Design (June) . . . . .	6
B.F.A.—Commercial Design (October) . . . . .	1
B.F.A.—Industrial Design (February) . . . . .	1
B.F.A.—Industrial Design (June) . . . . .	2
B.F.A.—Industrial Design (August) . . . . .	1
B.F.A.—Industrial Design (October) . . . . .	1
B.F.A.—Landscape Architecture (June) . . . . .	1
B.F.A.—Painting (June) . . . . .	2
B.F.A.—Painting (October) . . . . .	1
<i>Total, College of Fine and Applied Arts</i> . . . . .	<u>63</u>

## School of Physical Education

B.S.—Physical Education (February) . . . . .	1
B.S.—Physical Education (June) . . . . .	10
B.S.—Physical Education (October) . . . . .	3
<i>Total, School of Physical Education</i> . . . . .	<u>14</u>

## College of Law

B.S.—(February) . . . . .	1
LL.B.—(February) . . . . .	5
LL.B.—(June) . . . . .	1
LL.B.—(October) . . . . .	1
J.D.—(February) . . . . .	1
J.D.—(June) . . . . .	1
J.D.—(October) . . . . .	1
<i>Total, College of Law</i> . . . . .	<u>11</u>

## Library School

B.S.—Library Science (June) . . . . .	22
B.S.—Library Science (August) . . . . .	20
B.S.—Library Science (October) . . . . .	1
<i>Total, Library School</i> . . . . .	<u>43</u>

## Graduate School (Urbana)

A.M.—(February) . . . . .	13
A.M.—(June) . . . . .	29
A.M.—(August) . . . . .	32
A.M.—(October) . . . . .	29
M.S.—(February) . . . . .	25
M.S.—(June) . . . . .	45
M.S.—(August) . . . . .	22
M.S.—(October) . . . . .	30
M.Ed.—(February) . . . . .	1
M.Ed.—(August) . . . . .	1
M.Mus.—(October) . . . . .	2
C.E.—(June) . . . . .	1
Cer.E.—(June) . . . . .	1
Eng. of Mines—(June) . . . . .	1
Ph.D.—(February) . . . . .	17
Ph.D.—(June) . . . . .	45
Ph.D.—(October) . . . . .	15
<i>Total, Graduate School (Urbana)</i> . . . . .	<u>309</u>
<i>Total, Degrees Conferred at Urbana</i> . . . . .	<u>1,370</u>

## Graduate School (Chicago)

M.S.—(March) . . . . .	3
M.S.—(December) . . . . .	3
Ph.D.—(March) . . . . .	2
Ph.D.—(June) . . . . .	2
<i>Total, Graduate School (Chicago)</i> . . . . .	<u>10</u>

## College of Medicine

B.S.—Medicine (March) . . . . .	95
B.S.—Medicine (June) . . . . .	1
B.S.—Medicine (September) . . . . .	2
B.S.—Medicine (December) . . . . .	93
M.D.—(March) . . . . .	4
M.D.—(December) . . . . .	167
<i>Total, College of Medicine</i> . . . . .	<u>362</u>

## College of Dentistry

B.S.—Dentistry (March) . . . . .	35
B.S.—Dentistry (December) . . . . .	16
D.D.S.—(March) . . . . .	47
D.D.S.—(June) . . . . .	5
D.D.S.—(December) . . . . .	49
<i>Total, College of Dentistry</i> . . . . .	<u>152</u>

## College of Pharmacy

B.S.—Pharmacy (March) . . . . .	17
B.S.—Pharmacy (June) . . . . .	2
B.S.—Pharmacy (December) . . . . .	14
<i>Total, College of Pharmacy</i> . . . . .	<u>33</u>
<i>Total, Degrees Conferred in Chicago</i> . . . . .	<u>557</u>
<b>TOTAL DEGREES IN 1944</b> . . . . .	<u><b>1,927</b></u>

## UNDERGRADUATE COLLEGES AND SCHOOLS AT URBANA

## Degree of Bachelor of Arts

(In Liberal Arts and Sciences)

Altpeter, Lois Elaine	Fleming, Eleanor Inez**	May, Nancy Edith <sup>3</sup>
Alvey, Dorys Jane	Frable, Joan Geraldine <sup>1</sup>	McCaskill, Daniel
Amdal, Marilyn Ann	Friedrich, Margaret Anne	McClain, John Luther <sup>1</sup>
Anderson, Charlotte Joan <sup>1</sup>	Gagan, Patricia Mary**	McCollum, Vashiti Cromwell
Anderson, LaVerne Eric**	Gail, Mildred Hamilton	McDonald, Barbara Stewart
Andrews, Genevieve Irene <sup>2</sup>	Garcia Colin, Josephine	McDonald, Ethel Raynor
Appa, Madlynne Leah <sup>5</sup>	Gay, Patricia Haines***	McMillan, Mary
Aron, Dorothy Ruth <sup>1</sup>	Giles, Jay Hugh <sup>3</sup>	McNeil, Patricia Agnes*
Astor, Sally	Gillum, Kemp Frederick***5	McSherry, Patricia <sup>5</sup>
Ayers, Mary Brandenburg <sup>5</sup>	Gladson, Maxine Marilyn	Mehren, Jane von***
Baker, Aileen Lucille	Goldberg, Roslyn May	Mozel, Alberta Carol***
Ball, Richard William***	Goodman, Marcella Bernice	Messenger, Martha <sup>1</sup>
Baltzell, James Henry***3	Gordon, Mary Margaret**	Meyer, Marjorie Jean
Barr, Betty Lou <sup>5</sup>	Gorman, Helen Marie	Micek, Frank John
Bartz, Eleanor Mathilda	Grace, Bernard Irving <sup>5</sup>	Middleton, Betty Ann Hill <sup>1</sup>
Bender, Eugene Jacob <sup>1</sup>	Greenberg, Irving Meyer	Millard, Sarah Margaret
Benjamin, Betty Beryngton <sup>1</sup>	Griffith, Annabel	Miller, Gwendolyn Gloria <sup>3</sup>
Benson, Donald Spencer	Grobstein, Dora*	Miller, Maxine
Bent, Mary Katherine <sup>5</sup>	Grzeda, Stanley Cyril <sup>1</sup>	Miller, Ruth Virginia <sup>1</sup>
Bergmann, Harriet Josephine <sup>5</sup>	Gurr, Edward Moffat <sup>3</sup>	Milleville, Vernice Marilyn <sup>1</sup>
Berman, Walter Elliott	Gylden, Helen Louise <sup>1</sup>	Mills, Mary Lou
Bezanis, Chrysanthe	Hall, Bonnie Jean	Modjeska, Eugene Francis <sup>1</sup>
Bierbaum, Elizabeth Ann	Hall, Marian Arlene	Mojonnier, Doris Rose***3
Bitzer, Margie Blanche <sup>1</sup>	Hamburg, Shirley Ruth <sup>5</sup>	Mosheim, Jack*
Black, Mary Moscrip <sup>5</sup>	Harper, Katie Florence <sup>5</sup>	Mueller, Helen Marie <sup>1</sup>
Bluefarb, Eva Louise	Harvey, Elizabeth Marie	Mueller, Malvern William <sup>1</sup>
Bohl, Helen Frances	Hasse, Leatrice Wanda <sup>5</sup>	Munson, Mary Elizabeth <sup>1</sup>
Bonhardt, Marilyn Irene <sup>3</sup>	Hawkins, Marjorie Louise	Munz, Dorothy-Jane***
Bonney, Marian Anne	Hazelkorn, Jules*	Murphy, Dorothy Anne*
Bothwell, Martha Lou <sup>1</sup>	Healy, Frances <sup>5</sup>	Murray, Margaret Helen
Bradley, Anne Harriet <sup>1</sup>	Hedges, Edith Mildred <sup>5</sup>	Murton, Frances Josephine
Bradley, Roberta Ann <sup>5</sup>	Henderson, Harriet Evelyn <sup>1</sup>	Neilson, William George
Brenner, Muriel Hanna <sup>1</sup>	Henn, Elizabeth Jacqueline	Nelson, Douglas Carlyle <sup>2</sup>
Bright, Helen Louise <sup>1</sup>	Henry, Marvin David	Nelson, Marjorie Joyce
Brodsky, Martha <sup>1</sup>	Hoffman, Phyllis <sup>5</sup>	Nerenberg, Ida
Browne, Robert Span* <sup>1</sup>	Hogan, Betty Baker	O'Connor, Jeffrey Anthony
Brumbach, Barbara Louise <sup>1</sup>	Holmes, Barbara Jean <sup>5</sup>	O'Connor, Rita Louise
Budwig, Ira Adolph, II	Hostetter, Jeannette*	Olson, Dorothy Hildur <sup>1</sup>
Butler, Jean Ferguson <sup>5</sup>	Hudson, Carlos Lee <sup>1</sup>	Ostrom, Helen Ann <sup>5</sup>
Cabe, John Carl, Jr. <sup>5</sup>	Hunter, Harry Laymond	Owen, Jean Frances
Cain, Mary Virginia <sup>1</sup>	Hurd, Margaret Mae <sup>5</sup>	Parmerter, Priscilla Barton <sup>1</sup>
Calimese, Ruth Naomi	Huston, Jeannette Straw	Parry, Anne Elizabeth***1
Campbell, Jean Marguerite	Ireland, Clifford Casse, Jr. <sup>1</sup>	Patrick, Stanley Augustus
Cap, Thaddeus Walter**	Jackson, Dale Edward	Patt, Harriet Marion <sup>1</sup>
Carlson, Jeannette Elaine <sup>1</sup>	Johnston, Barbara Kathreen***	Paul, Eudell George <sup>1</sup>
Carter, Phyllis Ann	Jones, Rosemary Pallette	Pearman, Nancy <sup>1</sup>
Casey, Dorothy Ann	Jorgensen, Inge Budtz <sup>5</sup>	Perkins, Maxwell Bernard
Cavette, Lillian Goddard <sup>1</sup>	Kaeser, Jean Hoebel	Phillips, Margaret Louise***
Christiansen, Claire <sup>1</sup>	Kaplan, Joyce Ellen <sup>3</sup>	Pletcher, Thomas Erno
Christoff, Irmgard	Kaufman, Harry	Pomrenze, Tema
Clark, Jean Flanigan <sup>5</sup>	Kenitz, Jeane Kathleen <sup>5</sup>	Priami, Katherine
Cohen, Ethel	Kerchenfaut, Lois Carolyn <sup>1</sup>	Pugh, William Ellis
Coleman, Louise Jeanette	Ketchum, Ann Matilda	Purcell, Verne Keta***
Corey, Helen Jean	Kleitsch, Rhea Knight	Rees, Lynn
Corkery, Ruth Elizabeth**	Kramer, Mildred Elaine	Rice, Harold Lee*
Cormack, Mary Louise <sup>1</sup>	Kruglick, Rae Lila	Richmond, Kenneth Lowell
Crist, Joan Lenore***	Krupnik, Adele Barbara	Rietz, Muriel Dorothy
Croessmann, Frances Jane	Kurt, Bernice Annette	Roberts, Charlotte Alice <sup>1</sup>
Cross, Shirley Neal	Laibly, Richard Boardman	Rodenhauser, Mary Frances <sup>1</sup>
Curtis, Barbara-Mary	Laraway, Robert Bigelow	Ronppainen, Nelda Alice
Davies, Alice Ann <sup>5</sup>	Lauder, Harriet Chamberlin	Virginia <sup>3</sup>
Dawson, Irma Aline <sup>5</sup>	Lauer, Marilyn Wilma	Ross, Jeannette <sup>1</sup>
Dayton, Bonnie May <sup>3</sup>	Lenz, Evelyn Mildred	Roy, Ann**5
Doran, Ellen Dorothy	Leone, Louis Bernardino	Russell, Joyce Shirley**
Downing, Nancy Ruth	Lewis, Lorabelle	Ruthenberg, Rhoda Kane <sup>3</sup>
Droste, Elaine Virginia	Lietz, Gerald Sylvane	Satin, Marvin <sup>3</sup>
Duncan, Gwendolynn Ethel <sup>1</sup>	Lipsker, Lorayne Blanche	Sauer, Nora E.*
Dunlop, Kathleen Edith***1	Livesay, Elizabeth Ann***	Sawyer, Fern Elizabeth
Ebi, Dorothy Hende <sup>15</sup>	Llewellyn, Lucia Brooks	Shames, Ruth Estelle <sup>1</sup>
Egbert, Doris Winifred	Locke, Flora*	Shankman, Elaine Dorothy
Eilert, Virginia Lorraine	Lorton, Eloise Virginia	Shannon, Mary Margaret <sup>1</sup>
Eisenberg, Harold Joseph <sup>5</sup>	Lowry, Earl William	Sharkey, Viola Irene
Eisenberg, Miriam Hope <sup>1</sup>	Luther, Kathryn Louise**	Shiley, Peggy <sup>5</sup>
Engel, Edith Axelrod	Majors, Anna Marie Hughes	Shuck, M. Marguerite
Epstein, Lois Fern	Mandel, Nadine Elaine <sup>1</sup>	Siegmund, Laura May <sup>5</sup>
Feldman, Lloyd Solomon	Matheson, Marjorie Louise	Silberberg, Vivian Charlotte

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

Simon, Dorothy Sarah**	Stuit, Joan Temple**	Waterman, Marjorie Anne <sup>1</sup>
Simpson, Charles Reagan***	Symons, John Griffith <sup>1</sup>	Watson, Jean Elizabeth
Sinclair, George Taylor	Taylor, Fanny Adolphia <sup>5</sup>	Wayne, Martha Louise <sup>5</sup>
Slager, James Franklin	Thomas, Margaret Lee	Weisman, Lorraine
Smith, Esther Mae	Thrasher, Patricia***	Westwater, Jack Junior
Snyder, Robert Emile James <sup>1</sup>	Thrasher, Shirlee	White, Herschel Thomas, Jr. <sup>1</sup>
Soboroff, Edith	Tillson, Violet Neal	White, Polley
Sokol, Ruth Ann****	Touff, Vivian Charlotte	Whitsitt, Barbara Jean <sup>1</sup>
Spain, Marjorie Marie***	Troy, Jacqueline	Wible, Marilyn Kathleen <sup>1</sup>
Spiro, Albert Robert	Tryon, Ardella Katherine <sup>5</sup>	Wiley, Margaret Jane***
Staffelbach, Lois Janet**	Unger, Betty Anne <sup>5</sup>	Williams, Vivian Rae
Stanhope, Jacqueline Arras**	Van Meter, Alice <sup>5</sup>	Wiselman, Corinne Katherine <sup>1</sup>
Stewart, Helen Louise	Venerable, James Thomas***	Wiskamp, Gladys Marguerite***
Stiritz, Vivian Alice <sup>1</sup>	Vetro, Frank <sup>5</sup>	Wiswell, George Henry <sup>1</sup>
Stockdale, Margaret Orre	Vick, Sylvia P. <sup>1</sup>	Wood, Leora Doris <sup>5</sup>
Stout, Phyllis Kathryn***	Walker, Mary Elizabeth <sup>1</sup>	Woodward, Howard Eugene <sup>1</sup>
Straub, Evelyn Elizabeth <sup>1</sup>	Wand, Mary Adeline	Yakley, Lynette Audrey <sup>5</sup>
Strawn, Eugene Lynn <sup>5</sup>	Ware, Leslie Newell	Zaglis, Dorothy Ann Joost
Streeter, Priscilla <sup>5</sup>	Warner, Alice Denell <sup>5</sup>	Zombro, Julia Anne <sup>3</sup>

### Degree of Bachelor of Arts

(In Home Economics)

Rowe, Marjorie May\*\*

### Degree of Bachelor of Science

(In the subjects shown in parenthesis)

Abbott, Floyd Thomas (Education) <sup>1</sup>	Bennett, Alice Catherine (Nutrition and Dietetics) <sup>5</sup>
Abrams, Anita Ethyl (Journalism) <sup>1</sup>	Bennett, Elsie Beth (Home Economics) <sup>5</sup>
Ackmann, Lowell Eugene (Electrical Engineering) <sup>5</sup>	Benson, Martha Louise (Journalism) <sup>5</sup>
Adair, Frances Isabelle (Applied Science)	Bergman, Laverne Ann (Physical Education)
Adams, Ralph Judson (Accountancy) <sup>1</sup>	Bergman, Ralph Alexander (Management) <sup>1</sup>
Albright, Carl William (Management) <sup>5</sup>	Berkowitz, Esther Ann (Liberal Arts and Sciences)
Alexander, Alma Alice (Commercial Teaching)	Berman, Charles Franklyn (Chemical Engineering) <sup>1</sup>
Allen, Jerry (Architecture) <sup>1</sup>	Berry, Gilbert Irwin (Education) <sup>5</sup>
Allen, Robert Leon (Mechanical Engineering)	Bessone, Amo (Physical Education) <sup>5</sup>
Alltorfer, Edward James (General Business)	Betzberger, Gilbert Roy (Agriculture) <sup>1</sup>
Andrew, Lila Margaret (Education) <sup>3</sup>	Beyer, Donald (Physical Education)
Aney, June Jeanette (Nutrition and Dietetics) <sup>1</sup>	Bialas, Francis Joseph (Civil Engineering)
Appelbaum, Marilyn Ruth (Education)	Biermann, Hans Joachim (Agriculture) <sup>5</sup>
Aral, Mehmet Macit (Metallurgical Engineering) <sup>5</sup>	Bissell, Dorothy May (Applied Science)
Arch, Paul Conrad (Marketing) <sup>1</sup>	Bjelland, Robert Emmons (Accountancy) <sup>1</sup>
Ascherman, John Calvin (Civil Engineering) <sup>5</sup>	Blumenthal, Samuel Corman (Architectural Engineering) <sup>1</sup>
Asgerisson, Haraldur (Ceramic Engineering) <sup>5</sup>	Blunt, Frances Marie (Accountancy)
Bachman, Charles David (Ceramic Engineering) <sup>5</sup>	Bodian, Eugene Lionel (Ceramic Engineering) <sup>5</sup>
Baker, Margaret Yvonne (Education) <sup>1</sup>	Boggs, Jack DeHaven (Mechanical Engineering) <sup>5</sup>
Ball, Richard Tipton (Mechanical Engineering) <sup>5</sup>	Bohac, Frank John (Physical Education)
Balsley, Alice Ruth (Education) <sup>1</sup>	Bohaty, Zdenek Anton (Chemical Engineering) <sup>1</sup>
Banner, Dorothy Eileen (Floriculture)	Booker, Jo Anne (Physical Education) <sup>5</sup>
Banner, Wilber Keith (Mechanical Engineering)	Borgeson, Paul Walter (Engineering Physics) <sup>1</sup>
Barber, Elizabeth Florence (Home Economics)	Bounds, Logan Keith (Accountancy)
Barker, Mary Deborah (Liberal Arts and Sciences) <sup>5</sup>	Boyd, Hugh Thomas (Civil Engineering) <sup>1</sup>
Barnard, Evyn Graham (Liberal Arts and Sciences) <sup>1</sup>	Boyer, Lois Reace (Nutrition and Dietetics) <sup>5</sup>
Baskal, Mehmet (Metallurgical Engineering) <sup>5</sup>	Boyle, Margaret Woodroe (Journalism) <sup>5</sup>
Bateman, Amy Lucille (Accountancy) <sup>1</sup>	Bradley, Betty Frances (Liberal Arts and Sciences) <sup>5</sup>
Bauman, Rita Langellier (Home Economics)	Bradley, Joseph Jeremiah (Liberal Arts and Sciences) <sup>5</sup>
Bayer, Robert Oliver (Metallurgical Engineering) <sup>5</sup>	Brain, William Herbert (General Engineering)
Bean, Frances Marguerite (Applied Science)	Brannick, Thomas Leonard (Metallurgical Engineering) <sup>1</sup>
Beane, Winifred June (Education) <sup>5</sup>	Braun, Willis Henry (Engineering Physics) <sup>1</sup>
Beaumont, Margaret DeEitta (Home Economics) <sup>1</sup>	Brecht, Virgil Oliver (Chemistry) <sup>5</sup>
Bechly, Fred Lorin (Electrical Engineering) <sup>5</sup>	Breneman, Marjorie Ann (Home Economics)
Beck, Barbara Ann (Home Economics)	Brenner, Gilbert Ellis (Journalism)
Beck, George Wallace (Chemical Engineering) <sup>5</sup>	Broom, Ernest Vail (Agricultural Engineering) <sup>1</sup>
Becker, Constance Arlene (Home Economics)	Broome, Netajean Grace (Liberal Arts and Sciences) <sup>5</sup>
Beckett, Royce Elliott (Mechanical Engineering) <sup>5</sup>	Brown, Carl Frank, Jr. (Mechanical Engineering) <sup>1</sup>
Beich, William August (Mechanical Engineering) <sup>1</sup>	Brown, Dorothy Lou (Education) <sup>1</sup>
Belson, George Peter (Mechanical Engineering) <sup>1</sup>	Brown, Virginia Helene (Journalism) <sup>1</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.



- Buckley, Norman Aloysius (Mechanical Engineering)<sup>1</sup>  
 Buetner, Robert Paul (Architectural Engineering)<sup>5</sup>  
 Bushee, Eleanor Jane (Liberal Arts and Sciences)  
 Buzan, Leroy Roderick (Electrical Engineering)<sup>5</sup>  
 Byars, Winona (Home Economics)  
 Cada, Lorraine Marie (Education)  
 Cagle, Fredric William, Jr. (Chemistry)<sup>\*1</sup>  
 Camp, Jean Corr (Education)  
 Campbell, Helen Shaw (Home Economics)<sup>\*1</sup>  
 Campbell, Robert James (Mechanical Engineering)<sup>1</sup>  
 Carlson, Catherine Jeanette (Home Economics)<sup>5</sup>  
 Carlson, Clifford Clarence (General Business)<sup>1</sup>  
 Carlson, Norris Warren (Mechanical Engineering)  
 Carlson, Violet Marion (Home Economics)<sup>5</sup>  
 Casper, Ruth Anne (Accountancy)<sup>\*</sup>  
 Castles, James Noelle (Agriculture)<sup>1</sup>  
 Cathcart, Elizabeth Ann (Music Education)<sup>3</sup>  
 Chao, Charles Fong (Metallurgical Engineering)<sup>5</sup>  
 Charlwood, Theodore Wilford (Education)<sup>5</sup>  
 Chase, Martin Nixon (Liberal Arts and Sciences)<sup>1</sup>  
 Cheaney, Edgar Seymour (Mechanical Engineering)  
 Cheronos, William John (Electrical Engineering)<sup>1</sup>  
 Chmielewicz, Zdzislaw Felix (Liberal Arts and Sciences)<sup>5</sup>  
 Christensen, Rose Bernice (Marketing)<sup>1</sup>  
 Christoff, Demeter (Liberal Arts and Sciences)<sup>1</sup>  
 Chukwuemeka, Nwankwo Michael (Mechanical Engineering)<sup>1</sup>  
 Chval, Martha Ruth (Education)<sup>\*</sup>  
 Ciboch, Lorraine Anne (Liberal Arts and Sciences)<sup>1</sup>  
 Clark, Alvan Lloyd (Mechanical Engineering)<sup>5</sup>  
 Clark, George Mason (Architectural Engineering)<sup>\*</sup>  
 Clark, Laurel Kleiner (Liberal Arts and Sciences)  
 Clasen, Virginia Sophia (Education)<sup>5</sup>  
 Claussen, Ruth Esther (Nutrition and Dietetics)<sup>\*\*</sup>  
 Clinebrandt, Helen Louise (Marketing)<sup>5</sup>  
 Clyde, Katherine Maybelle (Management)  
 Coifod, Wayne Edward (Mechanical Engineering)<sup>\*1</sup>  
 Cohen, Suzanne Dorothy (Music Education)<sup>\*\*1</sup>  
 Colbert, Dana Francis (Accountancy)<sup>1</sup>  
 Cole, Harvey Paul (Liberal Arts and Sciences)<sup>5</sup>  
 Collins, Wynona Ruth (Home Economics)  
 Colton, Marjorie Ellen (Home Economics)  
 Conklin, Richard Louis (Engineering Physics)<sup>\*5</sup>  
 Cook, Charles Roscoe, Jr. (Metallurgical Engineering)<sup>1</sup>  
 Cool, Jack Phillip (Accountancy)<sup>1</sup>  
 Copito, Benjamin (Civil Engineering)<sup>\*</sup>  
 Correll, Walter Kemp (Physical Education)  
 Corson, Thelma Margaret (Nutrition and Dietetics)<sup>1</sup>  
 Council, Helen Janet (Home Economics)  
 Cover, Patricia Ann (Marketing)<sup>\*\*5</sup>  
 Cox, Francis Wilbur (Sanitary Engineering)<sup>5</sup>  
 Crabill, Paul Bernard (Agriculture)  
 Craig, Kenneth John (Sanitary Engineering)<sup>5</sup>  
 Cunningham, John Edward (Metallurgical Engineering)  
 Curcio, Rinaldo Mario (Metallurgical Engineering)<sup>1</sup>  
 Currimbhoy, Allan Ebrahim (Industrial Administration)  
 Dahlberg, John Knox (General Engineering)<sup>5</sup>  
 Dailey, Joseph Patrick (Chemistry)<sup>1</sup>  
 Dalton, Philip Benjamin (Liberal Arts and Sciences)<sup>\*\*\*1</sup>  
 Dann, Ruth Edna (Journalism)  
 Danner, Roland Victor (Electrical Engineering)  
 Daugherty, Marjorie Ruth (Nutrition and Dietetics)  
 Davis, Hallie Paxson (Liberal Arts and Sciences)  
 Davis, Howard Warren (Management)<sup>3</sup>  
 Davis, Wintress Naomi (Nutrition and Dietetics)  
 Dawson, Robert Neil (Liberal Arts and Sciences)<sup>1</sup>  
 Dean, Shirley Wilson (Education)<sup>1</sup>  
 Deeks, Grace Zingre (Education)<sup>1</sup>  
 Deitchman, George Lee (Liberal Arts and Sciences)  
 Denis, David Randolph (Mechanical Engineering)<sup>\*</sup>  
 Dethloff, Phillip Arthur (Mechanical Engineering)<sup>1</sup>  
 De Vries, Grace Mary (Education)  
 Diaguila, Anthony Joseph (Mechanical Engineering)  
 Diakiw, Forrest Robert (Engineering Physics)<sup>1</sup>  
 Dick, Carl Rankin, Jr. (General Engineering)<sup>1</sup>  
 Dickman, Kern William (Education)  
 Didinger, George Henry, Jr. (Electrical Engineering)<sup>5</sup>  
 Dirks, Anne Elizabeth (Home Economics)<sup>\*</sup>  
 Doepel, Gertrude Marie (Home Economics)  
 Dolan, John Ray (Management)<sup>3</sup>  
 Dolan, Phyllis Evelyn (Education)<sup>1</sup>  
 Dordan, Albert George (Banking and Finance)<sup>3</sup>  
 Doubet, Charles Junior (Agriculture)<sup>\*</sup>  
 Douthitt, Gloria Fay (Education)  
 Drennan, Elwanda June (Home Economics)<sup>3</sup>  
 Durrant, John Meridith (Ceramic Engineering)<sup>1</sup>  
 Dust, Joseph Vincent (Sanitary Engineering)<sup>1</sup>  
 Eads, David Kirk (Chemical Engineering)<sup>\*\*1</sup>  
 Eads, Octavia Bernice (Music Education)  
 Echtermach, Leona Frances (Home Economics)  
 Eckhoff, Harold Eugene (Civil Engineering)<sup>\*5</sup>  
 Eddy, Robert Lorenzo (Mechanical Engineering)  
 Edwards, Lawrence John (Liberal Arts and Sciences)<sup>5</sup>  
 Einbecker, Betty Jean (Nutrition and Dietetics)<sup>\*\*\*</sup>  
 Eisenbrandt, Betty Jean (Education)  
 Ellis, Sarah Lou (Education)  
 Elmsberg, Rose Victoria (Education)<sup>3</sup>  
 Emling, Maurice William (Mechanical Engineering)<sup>1</sup>  
 Emling, Roger Elmer (Mechanical Engineering)  
 Ergüven, Ali (Metallurgical Engineering)  
 Erley, Walter Llewellyn (Liberal Arts and Sciences)  
 Estes, Walter Eugene (Sanitary Engineering)<sup>5</sup>  
 Euhanks, Audrey Yvonne (Education)<sup>5</sup>  
 Evans, Mary Edna (Music Education)  
 Evers, Henry Herbert (Chemical Engineering)<sup>1</sup>  
 Eversole, Charles Anthony (General Engineering)  
 Fahler, Charles Franklin (Public Affairs)<sup>\*</sup>  
 Faletto, Philip John (Civil Engineering)  
 Fanta, Barbara Marie (Education)  
 Farnen, William White (Mechanical Engineering)<sup>1</sup>  
 Fechner, Eugene Charles (Electrical Engineering)<sup>5</sup>  
 Fenchel, Robert Miles (Chemical Engineering)<sup>1</sup>  
 Fenoglio, Minnie Marie (Education)  
 Ferree, Mary Katherine (Journalism)  
 Ferstandig, Louis Lloyd (Chemistry)<sup>\*\*\*5</sup>  
 Field, Vernon Macdonald (Mechanical Engineering)<sup>\*1</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Fieser, Garland Edward (Electrical Engineering)<sup>1</sup>  
 Finder, Earl Frederick (Accountancy)<sup>5</sup>  
 Finnestad, Gerald Ray (Agriculture)<sup>3</sup>  
 Fischer, Mary Glick (Liberal Arts and Sciences)  
 Fissel, James Kenneth (Education)<sup>1</sup>  
 Fouts, Robert Warrington (Mechanical Engineering)<sup>5</sup>  
 Frame, Mary Ruth (Home Economics)  
 France, Haven (Chemistry)<sup>1</sup>  
 Frank, Wallace Storton (Chemical Engineering)<sup>\*\*\*</sup>  
 Franks, Dorothy Kember (Education)  
 Frantz, Royene Dry (Nutrition and Dietetics)<sup>\*1</sup>  
 Freides, Ruth (Liberal Arts and Sciences)<sup>3</sup>  
 French, Georgia Evelyn (Home Economics)<sup>1</sup>  
 Fry, Harold (Metallurgical Engineering)  
 Fuchino, Wilfred Katsumi (Architecture)  
 Fuller, Lee Robinson (Ceramic Engineering)<sup>1</sup>  
 Fullerton, Thomas Coxy (Civil Engineering)  
 Funk, Loraine Wilmer (Chemistry)<sup>\*\*1</sup>  
 Gaeb, Eleonore Emma (Home Economics)  
 Gaines, Joseph Allen (Metallurgical Engineering)<sup>1</sup>  
 Gallagher, Daniel Edward (Electrical Engineering)<sup>5</sup>  
 Gallion, Charles Horace (General Business)  
 Garrard, Margaret Rosalee (Management)<sup>3</sup>  
 Garren, Dorothy Faye (Applied Science)<sup>\*</sup>  
 Garren, Thelma Louise (Home Economics)  
 Gates, Mary Alice (Journalism)  
 Gerding, Paul August (Mechanical Engineering)  
 Gibbons, James Richard (Vocational Agriculture)<sup>\*\*3</sup>  
 Gibbs, Harold William (Accountancy)<sup>1</sup>  
 Gieker, Clara Jane (Home Economics)  
 Giles, Lewis Wentworth, Jr. (Architectural Engineering)<sup>1</sup>  
 Giles, Margaret May (Home Economics)<sup>1</sup>  
 Glasscock, Dwight Lloyd (Civil Engineering)<sup>\*1</sup>  
 Goetsch, Natalie Leland (Education)<sup>3</sup>  
 Goldberg, Edna Edith (Education)  
 Goldberg, James Block (Mechanical Engineering)<sup>1</sup>  
 Goodell, Warren Franklin, Jr. (Engineering Physics)<sup>\*\*1</sup>  
 Graff, Charles Wesley (Civil Engineering)<sup>1</sup>  
 Graham, Lillian Mary (Education)<sup>3</sup>  
 Greanias, Evon Constantine (Engineering Physics)<sup>\*1</sup>  
 Green, Bernice Fay (Liberal Arts and Sciences)<sup>1</sup>  
 Green, David (Civil Engineering)<sup>5</sup>  
 Greenberg, Lucille Ruth (Journalism)  
 Greenberg, Ralph Albert (Mechanical Engineering)<sup>\*1</sup>  
 Greer, Emily Lucile (Education)  
 Griesbaum, Delores Jean (Education)  
 Griftner, Howard Durst (Management)  
 Grumley, James Joseph (Accountancy)<sup>1</sup>  
 Guthier, Ruth Marie (Chemistry)  
 Hader, Rodney Neal (Chemical Engineering)<sup>\*\*\*1</sup>  
 Hafliger, Donald Leon (Management)<sup>5</sup>  
 Hall, Isabelle Marie (Home Economics)  
 Hampton, James Randall (Agriculture)<sup>1</sup>  
 Hanmer, Margaret Eva Penrose (Liberal Arts and Sciences)<sup>5</sup>  
 Hansen, Kenneth Alvin (Education)  
 Harding, Edward Thomas (Mechanical Engineering)<sup>\*1</sup>  
 Hargitt, Richard Thomas (Industrial Education)<sup>\*1</sup>  
 Harlow, William John (Management)<sup>1</sup>  
 Harrold, Norman Minton (Mechanical Engineering)<sup>1</sup>  
 Hart, Richard Howe (Liberal Arts and Sciences)  
 Hart, Robert Wendell (Education)  
 Hartley, Thomas Clayton (Mechanical Engineering)<sup>1</sup>  
 Hatcher, Mary Adeline (Education)  
 Hattenburg, Frances Anne (Journalism)  
 Hattendorf, Renelva Ann (Accountancy)  
 Hayes, John Charles (Civil Engineering)<sup>1</sup>  
 Hayes, John Durham (Engineering Physics)<sup>1</sup>  
 Hays, Russell Winston (General Business)<sup>1</sup>  
 Head, Annabelle (Education)<sup>1</sup>  
 Healy, James Hueston (Ceramic Engineering)<sup>5</sup>  
 Heap, William Otto (Electrical Engineering)<sup>5</sup>  
 Hedges, Virginia Mabel (Public Affairs)<sup>\*</sup>  
 Hediger, Edward Louis (Liberal Arts and Sciences)<sup>5</sup>  
 Hedrick, Betty Jean (Education)  
 Heiderscheid, Morris Victor (Agriculture)<sup>1</sup>  
 Helligas, Ruth Mae (Education)<sup>3</sup>  
 Helmreich, Robert Felix (Liberal Arts and Sciences)<sup>5</sup>  
 Hepler, Sherman Eugene (Electrical Engineering)<sup>1</sup>  
 Herron, Robert Joseph (Civil Engineering)<sup>5</sup>  
 Herzog, Hershel Leon (Chemical Engineering)<sup>\*\*\*5</sup>  
 Hill, Donald Howard (Chemical Engineering)<sup>1</sup>  
 Hodges, Carolene (Journalism)  
 Hoelscher, Betty Marie (Journalism)<sup>1</sup>  
 Hoffing, Edgar Howard (Chemical Engineering)<sup>1</sup>  
 Hoffman, Lewis Charles (Ceramic Engineering)<sup>5</sup>  
 Holacher, Mildred Genevieve (Home Economics)<sup>3</sup>  
 Holdsworth, Phyllis Lorene (Home Economics)<sup>1</sup>  
 Holgerson, Harry Theodore, Jr. (Metallurgical Engineering)<sup>1</sup>  
 Hollandsworth, Lelia Elizabeth (Home Economics)  
 Holman, Amanda Jewell (Liberal Arts and Sciences)  
 Hood, Horace Edward (Chemistry)<sup>\*\*\*</sup>  
 Hornor, Merle Haroldene (Liberal Arts and Sciences)<sup>5</sup>  
 Hosler, Paul Robert (Mechanical Engineering)<sup>5</sup>  
 Houbolt, Neal (Civil Engineering)<sup>\*1</sup>  
 Hrubecy, Henry Francis (Mechanical Engineering)<sup>\*\*1</sup>  
 Hruda, Lillian Ruth (Liberal Arts and Sciences)  
 Hudson, Margaret Anne (Home Economics)  
 Hughes, Elaine Mary (Journalism)<sup>5</sup>  
 Hunerkoch, Alice (Liberal Arts and Sciences)  
 Hurt, Jean Florence (Physical Education)  
 Hurwitz, Charlotte Joan (Liberal Arts and Sciences)<sup>3</sup>  
 Hutt, Betty Jane (Education)  
 Hyde, Helen Shirley (Education)  
 Innis, Perry Nolan (Marketing)  
 Jack, Thomas Burrowes (Management)<sup>1</sup>  
 Jackson, Frederick Neil (Sanitary Engineering)<sup>5</sup>  
 Jackson, Sherwood Leighton (Agriculture)<sup>\*\*</sup>  
 Jenkins, William John, II (Mechanical Engineering)<sup>5</sup>  
 Jepson, Dorothy Mae (Music Education)<sup>5</sup>  
 Jesberg, Robert Otis (Mechanical Engineering)  
 Johanningmeir, Henry Marshall (Mechanical Engineering)<sup>1</sup>  
 Johnson, Vernon Leroy (Liberal Arts and Sciences)  
 Johnson, Elizabeth Hughes (Education)  
 Johnson, Gloria (Education)  
 Johnson, Gordon Eugene (Ceramics)  
 Johnson, Martin Harlene (Electrical Engineering)<sup>1</sup>  
 Johnson, Morris Edwin (Chemical Engineering)<sup>1</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Johnson, Robert Curtis (Chemical Engineering)<sup>\*1</sup>
- Jokich, Michael Peter (Management)<sup>1</sup>
- Jones, William Leroy Hill (Electrical Engineering)<sup>\*5</sup>
- Josephs, Beatrice Sherry Rifas (Journalism)<sup>1</sup>
- Kacalief, Christ Dimitar (General Engineering)<sup>1</sup>
- Kahl, Frederick Louis (Mechanical Engineering)<sup>\*1</sup>
- Kahne, Merton Jerome (Liberal Arts and Sciences)
- Kane, Edward Thomas (Mechanical Engineering)<sup>5</sup>
- Kartinos, Nicholas James (Chemistry)<sup>1</sup>
- Keene, Reid Wesley (Management)
- Kelber, Walter Francis (Mechanical Engineering)<sup>1</sup>
- Keller, Florence Moss (Education)<sup>1</sup>
- Keller, Wanda Lorene Cole (Education)
- Kelley, Bruce Warren (Civil Engineering)<sup>1</sup>
- Kelley, Robert Leon (Physical Education)<sup>5</sup>
- Kenema, Ann Lucille (Education)<sup>5</sup>
- Kenney, William Duncan (Management)<sup>3</sup>
- Kent, Mary Elizabeth (Journalism)
- Kephart, Rosella Mattie (Physical Education)
- Kerfman, Herman David (Chemical Engineering)<sup>1</sup>
- Kessie, Muriel Jeanne (Home Economics)<sup>1</sup>
- Kessler, Marion Skinner (Home Economics Education)
- Keyser, Carl Ellsworth (Sanitary Engineering)<sup>5</sup>
- Kikendall, Ralph Edward, Jr. (Mechanical Engineering)<sup>5</sup>
- Kipp, Koralee Madge (Nutrition and Dietetics)<sup>1</sup>
- Kirby, Emily Susanne (Home Economics)
- Kirschner, Leonard Burton (Liberal Arts and Sciences)
- Kleber, Edward Bruce (Mechanical Engineering)<sup>5</sup>
- Kleifield, Jerome (Mechanical Engineering)<sup>1</sup>
- Klein, Jerome George (Chemical Engineering)<sup>1</sup>
- Klie, Robert Elmer (Liberal Arts and Sciences)
- Klisczewski, Henry Joseph (Chemical Engineering)<sup>5</sup>
- Knirsch, Roberta Selter (Education)
- Kraft, Robert Eugene (Mechanical Engineering)<sup>1</sup>
- Kral, Joseph Leslie (Mechanical Engineering)<sup>1</sup>
- Krieger, Rosemary Louise (Home Economics)
- Krotiak, Rudolph James (Civil Engineering)
- Kuderko, Max John (Metallurgical Engineering)<sup>1</sup>
- Kulbarsh, Harold (Chemistry)<sup>\*5</sup>
- Kurowski, Thaddeus Roman (Chemistry)<sup>\*1</sup>
- Kuyper, Betty Anne Grantham (Nutrition and Dietetics)<sup>1</sup>
- Kwiatek, Jack (Chemistry)
- Lamb, Berniece Rucker (Home Economics)<sup>3</sup>
- Lamb, James Donald (Accountancy)
- Lambdin, Helen Opal (Home Economics)
- Lambert, Arthur Francis (Education)
- Lammering, Donald Robert (Mechanical Engineering)<sup>1</sup>
- Lanham, Lucian Preston, Jr. (Electrical Engineering)<sup>1</sup>
- Larson, Bennett Conrad (Architectural Engineering)<sup>1</sup>
- Larson, Lois Mae (Education)<sup>3</sup>
- Lattyak, Bernard Joseph (Mechanical Engineering)<sup>1</sup>
- Layden, Mary Ellen (Education)
- Le Count, Glenn Seymour (Agricultural Education)<sup>\*1</sup>
- Lee, Virginia Ann (Nutrition and Dietetics)<sup>\*1</sup>
- Legate, Dorothy Jean (Home Economics)<sup>1</sup>
- Lehwal, John William (Accountancy)<sup>1</sup>
- Leitner, Gordon Frank (Mechanical Engineering)
- Leonaitis, Leonard Leo (Chemical Engineering)<sup>1</sup>
- Leonard, Faith Irene (Home Economics)<sup>1</sup>
- Lester, Gladys Evangeline (Music Education)
- Levinson, David Simon (Mechanical Engineering)<sup>5</sup>
- Levy, Samuel Donald (Accountancy)
- Lewis, Helen Simon (Liberal Arts and Sciences)<sup>\*1</sup>
- Lewis, Isabelle Ann (Home Economics)
- Lewis, Rexford Gardner (Management)
- Liederbach, Frederick Joseph, Jr. (Mechanical Engineering)<sup>\*5</sup>
- Likens, William Harold (Metallurgical Engineering)<sup>1</sup>
- Limerick, George Frederick (Public Affairs)<sup>1</sup>
- Limper, Arthur Frederick (Chemical Engineering)<sup>\*1</sup>
- Link, Robert Paul (Mechanical Engineering)<sup>5</sup>
- Lister, Franklin Maynard (Metallurgical Engineering)<sup>1</sup>
- Lloyd, Lowell Thomas (Metallurgical Engineering)<sup>\*1</sup>
- Locke, Marcia Saree (Liberal Arts and Sciences)<sup>\*1</sup>
- Loeske, Carl William Bernard (Mechanical Engineering)<sup>\*1</sup>
- Lorenz, William Francis (Electrical Engineering)<sup>5</sup>
- Lowry, Elizabeth Jane (Education and Music Education)
- Luhnow, Raymond Bertram, Jr. (Electrical Engineering)<sup>1</sup>
- Luley, Howard George (Sanitary Engineering)<sup>5</sup>
- Luptak, Robert Joseph (Accountancy)<sup>5</sup>
- Lurie, Pierre Charles (Liberal Arts and Sciences)
- Lyle, Betty Jane (Education)<sup>1</sup>
- Macy, Calvin William (Chemical Engineering)<sup>1</sup>
- Major, Elmer L., Jr. (Civil Engineering)<sup>1</sup>
- Manby, Margaret Alma (Home Economics)
- Mann, Barbara Jeanne (Education)
- Manougian, Armen Robert (Liberal Arts and Sciences)<sup>1</sup>
- Martinez, Vlasta Mildred (Journalism)
- Marvin, Isabelle Buckland (Journalism)<sup>\*</sup>
- Mathieu, Elaine Anna (Physical Education)
- Mathis, Howard Michel (Management)<sup>1</sup>
- Mattice, Dorothy Jean (Home Economics)
- Mauk, Mary Ellen (Public Affairs)
- Mayfield, Willa Jean (Music Education)<sup>1</sup>
- McArtor, Dorothy Alice (Applied Science)
- McCarty, Eloise (Home Economics)
- McClernon, Francis Michael (Management)<sup>1</sup>
- McClure, Gordon Wallace (Engineering Physics)<sup>\*1</sup>
- McConnell, Gilbert Dale (Journalism)
- McDonald, Barbara Jane (Education)<sup>1</sup>
- McDonald, Irmundine Nienhaus (Education)<sup>5</sup>
- McGrath, John Charles (Mechanical Engineering)<sup>5</sup>
- McKnight, Esther Pearl (Liberal Arts and Sciences)<sup>1</sup>
- McMaster, Doris Hayes (Home Economics)
- McPheeters, Grace Arabelle (Accountancy)<sup>\*1</sup>
- McPheeters, Martha Louise (Liberal Arts and Sciences)<sup>\*1</sup>
- McQuaid, Mary Catherine (Nutrition and Dietetics)<sup>3</sup>
- McVey, Charles Bernard (Chemical Engineering)<sup>\*1</sup>
- Menkes, Maxine Ruth (Journalism)
- Metcali, Wilma Fay (Education)<sup>1</sup>
- Meyer, Melvin Herman (Chemical Engineering)<sup>1</sup>
- Michel, Marvellee (Music Education)
- Miller, Joseph Arthur (Mechanical Engineering)
- Miller, William Martin (Liberal Arts and Sciences)<sup>5</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Mills, Margaret Isabel (Music Education)\*\*<sup>3</sup>  
 Mintzer, Herman (Liberal Arts and Sciences)  
 Moble, Josephine (Education)<sup>1</sup>  
 Moffat, Robert Andrew, Jr. (Management)<sup>1</sup>  
 Mohan, Richard Alband (Accountancy)<sup>1</sup>  
 Moninger, John Pershing (Metallurgical Engineering)<sup>1</sup>  
 Monohon, Paul Joseph (Civil Engineering)\*\*  
 Moore, Raymond Gerald (Ceramic Engineering)  
 Morello, Mary Rose (Education)  
 Morris, Richard Eugene (Agricultural Engineering)  
 Morris, Vivian Julia (Education)<sup>1</sup>  
 Morton, Ira Lifschutz (Journalism)  
 Mosher, Robert Forman (Civil Engineering)<sup>1</sup>  
 Mueller, Carl Freeman (Civil Engineering)\*\*  
 Mumford, William Porter (Accountancy)<sup>1</sup>  
 Munson, Otto Gene (Metallurgical Engineering)<sup>1</sup>  
 Murdoch, Richard Oliver (Mechanical Engineering)<sup>5</sup>  
 Murphy, Edward Paul, Jr. (Ceramic Engineering)<sup>5</sup>  
 Murray, Charles Kendall (Industrial Administration)  
 Murray, Lionel Theodore (Mechanical Engineering)  
 Myers, Carl Leslie (Sanitary Engineering)<sup>5</sup>  
 Myers, Paul Elden (Liberal Arts and Sciences)<sup>1</sup>  
 Nadeau, Robert Leo (Electrical Engineering)<sup>5</sup>  
 Nance, Bette Jean (Journalism)  
 Nantz, Marjorie Ann (Liberal Arts and Sciences)  
 Nelson, June Carolyn (Education)  
 Nesheim, Ruth Sena (Home Economics)\*\*<sup>3</sup>  
 Nesmith, Thelma Mac (Management)<sup>5</sup>  
 Neville, Harriet Edith (Liberal Arts and Sciences)<sup>5</sup>  
 Nevitt, Michael Vogt (Metallurgical Engineering)<sup>5</sup>  
 Newton, Thomas Martin (Chemical Engineering)  
 Nielsen, Helen Marie (Management)<sup>5</sup>  
 Noble, David Samuel (Electrical Engineering)<sup>1</sup>  
 Noling, Peter Robert (Mechanical Engineering)  
 Noll, Marie Evelyn (Education)<sup>3</sup>  
 Nord, Robert Harold (Engineering Physics)<sup>1</sup>  
 Oberle, George William (Electrical Engineering)  
 Ockert, Carl Emil (Chemical Engineering)\*<sup>1</sup>  
 O'Connell, Alice Jane (Education)  
 O'Connell, Frances Marie (Education)<sup>3</sup>  
 O'Hara, James Bernard Emmet, Jr. (Chemical Engineering)<sup>1</sup>  
 Olhaber, Elmer Charles (Electrical Engineering)  
 Olson, Carol Janis (Journalism)<sup>1</sup>  
 Olson, Warren Henning (Mechanical Engineering)<sup>5</sup>  
 Onstott, Edward Irvin (Chemical Engineering)\*<sup>1</sup>  
 Orr, Fredrick Andrew (Chemical Engineering)<sup>1</sup>  
 Oster, Kurt Eugene Charles (Chemistry)<sup>3</sup>  
 Oyakawa, Stephen Noboru (Architectural Engineering)<sup>1</sup>  
 Parkin, Grace Piersol (Applied Science)  
 Paton, Mary Ann (Applied Science)  
 Patterson, Betty Jane (Home Economics)  
 Patterson, Martha Hess (Music Education)\*\*<sup>1</sup>  
 Pattison, Rose Irene (Home Economics)  
 Pausch, Frederick Jourdan (Civil Engineering)  
 Pearce, Alice Ruth (Home Economics)<sup>1</sup>  
 Perel, Ada Rachel (Liberal Arts and Sciences)\*  
 Pergem, Ann Augusta Holper (Education)  
 Pesci, Warren Richard (Architectural Engineering)\*\*  
 Peterson, Jean (Home Economics)  
 Petticrew, George Ambrose (Electrical Engineering)<sup>5</sup>  
 Picard, Jean-Paul (Liberal Arts and Sciences)\*\*  
 Pickel, William Feyreisen (Mechanical Engineering)<sup>1</sup>  
 Pinsky, Scymour Isau (Liberal Arts and Sciences)  
 Pixley, Louise Duff (Education)\*  
 Pomatto, Marie Lucille (Education)  
 Ponitch, David (Education)  
 Porter, Ralph Lloyd (Mechanical Engineering)\*\*<sup>3</sup>  
 Posey, John Cassatt (Chemical Engineering)<sup>1</sup>  
 Posner, Doris Irene (Physical Education)  
 Prendergast, Mary Jane (Home Economics)  
 Prentice, William Jay, Jr. (Ceramic Engineering)<sup>1</sup>  
 Prince, Victor Vincent (Architectural Engineering)<sup>1</sup>  
 Printy, Glenn Eugene (Industrial Administration)<sup>1</sup>  
 Prizer, Charles John (Chemical Engineering)<sup>1</sup>  
 Quernheim, Lucile Marie (Music Education)  
 Quinn, Louis William (Marketing)  
 Ramp, Floyd Lester (Liberal Arts and Sciences)<sup>5</sup>  
 Rankin, Marilyn Merle (Journalism)\*\*<sup>1</sup>  
 Rapala, Richard Thaddeus (Chemistry)<sup>1</sup>  
 Ray, Robert Lewis (Metallurgical Engineering)<sup>5</sup>  
 Rayner, Susie Josa (Music Education)  
 Read, Phyllis Eileen (Home Economics)\*\*  
 Rebenstorff, Melvin Alired (Chemistry)\*  
 Reed, Mildred Irene (Home Economics)  
 Rees, Thomas Frank (Civil Engineering)<sup>5</sup>  
 Reinschreiber, James Earl (Chemistry)<sup>5</sup>  
 Reithmaier, Lawrence William (Mechanical Engineering)  
 Reuben, Paul (Liberal Arts and Sciences)<sup>1</sup>  
 Rivard, Constance Marie (Marketing)  
 Roach, Frances Louise Reitz (Education)<sup>1</sup>  
 Roads, Robert Leland (Civil Engineering)  
 Robb, Daryl Gene (Education)<sup>1</sup>  
 Robbe, Charles Welch (Education)<sup>3</sup>  
 Roberts, Edward Alfred, Jr. (Mechanical Engineering)  
 Roberts, Mildred Lucile (Management)  
 Rogers, Donald Edward (Electrical Engineering)  
 Rogier, Edgar Robert (Chemistry)\*\*  
 Rohde, Hazel Georgia (Education)<sup>1</sup>  
 Rohner, Ralph Joseph (Civil Engineering)<sup>5</sup>  
 Roll, Dorothy Eileen (Home Economics)\*\*<sup>3</sup>  
 Roper, Eva Janette (Education)  
 Rosenthal, Louis (Electrical Engineering)<sup>5</sup>  
 Rotsch, LaVerta Homeier (Education)  
 Rubinstein, Julius Louis (Engineering Physics)  
 Russell, Virginia May (Home Economics)  
 Salyers, Estella Harryette (Physical Education)<sup>1</sup>  
 Salyers, Julia Rose (Applied Science)  
 Sanford, Mary Marguerite (Education)  
 Schafer, Karl Herman (Mechanical Engineering)  
 Schaub, Richard Guthrie (Architectural Engineering)<sup>1</sup>  
 Schickedanz, Harlan John (Mechanical Engineering)  
 Schlinkert, Barbara Kohl (Home Economics)  
 Schmidt, George Edward John (Civil Engineering)<sup>5</sup>  
 Schmitz, William Rudolph (Chemical Engineering)\*\*  
 Schneider, Edwin Otto (Agriculture)\*  
 Schoolman, Harold Marcus (Liberal Arts and Sciences)<sup>1</sup>  
 Schroeder, Marjorie Ann (Education)<sup>1</sup>  
 Schroeder, Mary Jeanette (Nutrition and Dietics)\*  
 Schubert, Elliot Norris (Chemistry)<sup>1</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Schultz, Shulamith (Journalism)  
 Schwartz, Nathan (Engineering Physics)<sup>1</sup>  
 Schwartz, Pierre (Chemical Engineering)  
 Scott, William Samuel (Electrical Engineering)<sup>1</sup>  
 Sears, Robert Allen (Architectural Engineering)<sup>5</sup>  
 Sebek, Charles Joseph Edward (Accountancy)<sup>\*1</sup>  
 Seibert, Delbert Jesse (Agriculture)<sup>1</sup>  
 Seibert, Leola Mae (Liberal Arts and Sciences)<sup>1</sup>  
 Selzer, Louis J., Jr. (Architecture)<sup>1</sup>  
 Sentman, Everette Edgar (Journalism)  
 Sered, Edith (Liberal Arts and Sciences)<sup>\*\*\*</sup>  
 Severns, William Harrison (Chemical Engineering)<sup>\*</sup>  
 Shalek, Robert James (Liberal Arts and Sciences)<sup>1</sup>  
 Shatavsky, Sam Morris (Electrical Engineering)<sup>1</sup>  
 Shatz, Shirley Adele (Home Economics)<sup>1</sup>  
 Sherman, Mildred Rose (Liberal Arts and Sciences)  
 Shetler, Jack Frederick (Vocational Agriculture)<sup>3</sup>  
 Shick, Harold Lincoln (Chemical Engineering)<sup>\*\*\*1</sup>  
 Siefferman, Frances Katherine (Education)<sup>3</sup>  
 Simon, Robert Paul (Architectural Engineering)<sup>5</sup>  
 Simonian, Michael Nazareth (Metallurgical Engineering)<sup>1</sup>  
 Skelton, Barbara Jean (Marketing)  
 Slayton, Ruth Ellen (Home Economics)  
 Snyder, Lois Ann (Journalism)<sup>\*</sup>  
 Smith, Hazel Eileen (Liberal Arts and Sciences)<sup>1</sup>  
 Smith, James Hunn (Mechanical Engineering)<sup>1</sup>  
 Snapp, Kathryn Louise (Education)<sup>3</sup>  
 Snider, James Wilson (Mining Engineering)  
 Soderholm, Nels Louis, Jr. (Mechanical Engineering)  
 Sorkin, Burton (Civil Engineering)<sup>5</sup>  
 Sorokin, Frances (Liberal Arts and Sciences)<sup>1</sup>  
 Speaker, Richard Laplat (Chemical Engineering)<sup>\*\*\*1</sup>  
 Sperry, Virginia Beth (Education)<sup>1</sup>  
 Spittler, Walter Truman (Agriculture)  
 Sproat, Robert Alfred (Civil Engineering)<sup>\*1</sup>  
 Sroka, Adolph August (Liberal Arts and Sciences)<sup>1</sup>  
 Stafford, Jeanette Louise (Law)<sup>1</sup>  
 Staley, Martha Ruth (Home Economics)<sup>1</sup>  
 Staley, Warren Daniel (Mechanical Engineering)  
 Standish, Eleanore Helen (Liberal Arts and Sciences)<sup>5</sup>  
 Stanley, Lola Sizemore (Education)<sup>1</sup>  
 Stearns, Charles Phillip (Mechanical Engineering)  
 Steele, William Perrin (Ceramic Engineering)<sup>5</sup>  
 Stein, Gilbert (Chemistry)<sup>\*</sup>  
 Stevens, Calvin Lee (Liberal Arts and Sciences)<sup>\*\*\*</sup>  
 Stevens, Roger Biever (Metallurgical Engineering)<sup>1</sup>  
 Stith, Idelle (Journalism)  
 Stockhausen, Phyllis Jeanne (Liberal Arts and Sciences)  
 Stone, Robert Burtill (Architectural Engineering)  
 Stone, Verla Maxine (Home Economics)<sup>1</sup>  
 Storkan, Ruth Camille (Liberal Arts and Sciences)<sup>\*5</sup>  
 Streid, Benjamin Franklin (Agriculture)<sup>1</sup>  
 Streitmatter, Arlys Mafra (Education)<sup>1</sup>  
 Streitmatter, LaVern Oliver (Chemical Engineering)<sup>1</sup>  
 Stroud, William Ernest (Mechanical Engineering)  
 Studley, Janet Marie (Home Economics)  
 Stull, Isabel May (Nutrition and Dietetics)<sup>\*\*</sup>  
 Sullivan, James Thomas (Civil Engineering)<sup>1</sup>  
 Sundstrom, Roy Norman (Mechanical Engineering)<sup>1</sup>  
 Sutchter, Vernon Dever (Liberal Arts and Sciences)<sup>3</sup>  
 Suter, Frank John (Mechanical Engineering)  
 Sutherland, Edwin Keith (Mechanical Engineering)<sup>1</sup>  
 Tamboure, Angeline (Physical Education)  
 Taylor, Robert William (Electrical Engineering)  
 Taylor, Shirley Marie (Home Economics)<sup>1</sup>  
 Templin, Herman August (Engineering Physics)<sup>5</sup>  
 Templin, William Frederick (Accountancy)  
 Terry, Evan McGlaun (Architectural Engineering)<sup>1</sup>  
 Thomas, Flora Beatrice (Home Economics)<sup>3</sup>  
 Thomas, Myrtle Louise (Liberal Arts and Sciences)<sup>\*\*\*</sup>  
 Thomas, Phyllis Arleen (Liberal Arts and Sciences)  
 Thomas, Wilma Jean (Physical Education)<sup>\*5</sup>  
 Thompson, Caryl Jean (Liberal Arts and Sciences)<sup>3</sup>  
 Thompson, Miriam Christine (Music Education)<sup>1</sup>  
 Thorsness, Kenneth Crocker (Liberal Arts and Sciences)<sup>1</sup>  
 Thrall, Miriam Ruth (Music Education)<sup>\*\*1</sup>  
 Tibby, Ina Mae (Education)<sup>3</sup>  
 Tisch, Mary Jean (Education)  
 Tolson, Marjorie Elizabeth (Education)  
 Townsend, Reba Jo (Nutrition and Dietetics)  
 Train, Jack Durkee (Architectural Engineering)<sup>1</sup>  
 Treadman, Jack Earl (Mechanical Engineering)<sup>5</sup>  
 Tripp, Glenn Alvin (Accountancy)<sup>\*1</sup>  
 Troll, Walter (Chemistry)<sup>1</sup>  
 Trumbauer, Gordon Arlo (Chemical Engineering)<sup>5</sup>  
 Tuman, Lorraine (Liberal Arts and Sciences)<sup>\*5</sup>  
 Uhl, Leon Thomas (Electrical Engineering)<sup>5</sup>  
 Underwood, Dorothea (Accountancy)<sup>1</sup>  
 Useman, Ernest Meridith (Education)<sup>5</sup>  
 Uttich, August Joseph, Jr. (Chemical Engineering)<sup>\*\*5</sup>  
 Vawter, Frances Jeanne (Education)<sup>1</sup>  
 Viitanen, Veikko Kalervo (Mechanical Engineering)<sup>\*1</sup>  
 Vogt, Virginia Doris (Education)  
 Wall, June Elaine (Education)<sup>5</sup>  
 Wallace, Ralph Eugene (Mechanical Engineering)<sup>5</sup>  
 Wallace, Shirley Frances (Education)  
 Walls, Marion Benton (Mining Engineering)<sup>5</sup>  
 Warfield, Mildred Lucille (Home Economics)<sup>1</sup>  
 Way, Mary Janet (Floriculture)<sup>1</sup>  
 Weaver, Dorothee Harriett (Management)<sup>\*1</sup>  
 Weaver, Robert Easton (Chemical Engineering)<sup>\*1</sup>  
 Weber, Alan Elmer Roy (Mechanical Engineering)<sup>5</sup>  
 Webster, David Burgess (Civil Engineering)<sup>1</sup>  
 Wedding, George Thomas (Liberal Arts and Sciences)<sup>\*\*\*</sup>  
 Wegstein, Joseph Henry (Engineering Physics)  
 Weinberg, Daniel David (Electrical Engineering)  
 Weinberg, Herbert (Civil Engineering)<sup>5</sup>  
 Weinstein, George (Management)<sup>5</sup>  
 Weinstock, Ida (Liberal Arts and Sciences)  
 Weishaar, Ethel Mary (Home Economics)<sup>\*1</sup>  
 Welsh, Leslie Thomas (Accountancy)<sup>1</sup>  
 Werff, Adele de (Accountancy)<sup>1</sup>  
 West, Donald Jack (Mechanical Engineering)<sup>1</sup>  
 West, Leonard Alfred (Electrical Engineering)<sup>1</sup>  
 Wheeler, Mary Martha (Home Economics)  
 White, Betty Jane (Liberal Arts and Sciences)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- White, Leon Harvey (Education)  
Whitman, Robert Paul (Chemical Engineering)<sup>1</sup>  
Wichser, Mary Louise (Journalism)  
Wiese, Richard Gene (Education)  
Wildner, Harold Theodore (Civil Engineering)<sup>1</sup>  
Williams, Charles Addison (Ceramic Engineering)<sup>5</sup>  
Williams, Mary Elizabeth (Education)\*  
Willner, Charlotte Louise (Liberal Arts and Sciences)<sup>1</sup>  
Wilmot, Helen Lawrence (Home Economics)  
Wilson, Charles Arthur (Marketing)<sup>1</sup>  
Wilson, Frank Burton (Architecture)  
Wilson, Wendell H. (Civil Engineering)\*\*  
Wirsig, Ruth Alberta (Home Economics)\*\*  
Wisch, Lois Muriel (Education)  
Wisegarver, Virginia May (Liberal Arts and Sciences)<sup>5</sup>  
Woerner, Paul Fred (Liberal Arts and Sciences)
- Wolf, Eleanor May (Nutrition and Dietetics)<sup>1</sup>  
Wolfe, Elizabeth Ann (Nutrition and Dietetics)\*  
Wolfman, Vivian (Liberal Arts and Sciences)\*\*  
Woods, Lyle Creston (Chemistry)\*\*  
Woody, Rhea Mae (Home Economics)\*  
Wooters, Ruth (Nutrition and Dietetics)  
Worick, Joanne (Home Economics)  
Wurzburger, Betty Jean (Home Economics)  
Yates, Beverly Lee (Music Education)  
York, Mary Elizabeth (Home Economics)  
Zabin, Lucille (Liberal Arts and Sciences)<sup>5</sup>  
Zaczek, Sam John (Management)  
Zaura, Verne (Mechanical Engineering)  
Zeidman, Blossom Shirley (Liberal Arts and Sciences)\*\*  
Zeisler, Phyllis Joan (Education)\*  
Zempel, Clara (Nutrition and Dietetics)  
Ziegler, Helen Beth (Home Economics)<sup>1</sup>

### Degree of Bachelor of Fine Arts

(In the subjects shown in parenthesis)

- Adams, Virginia Louise (Painting)\*  
Battin, Raymond Francis (Commercial Design)  
Bland, Eleanore Dillavou (Art Education)<sup>5</sup>  
Christopher, Emily Lou (Industrial Design)  
Derrough, Elizabeth Dolores (Painting)<sup>5</sup>  
Divan, Marilyn Jean (Painting)  
Dubinetz, George Gregory (Industrial Design)<sup>1</sup>  
Frazier, Elda Louise (Commercial Design)  
Hicks, Martha Kay (Industrial Design)  
Karpin, Bernice Barbara (Art Education)<sup>1</sup>  
Kelley, Barbara Jean (Industrial Design)<sup>5</sup>  
Lentin, Barbara Ruth (Commercial Design)<sup>1</sup>
- Lyford, Ruth Holmes (Commercial Design)<sup>1</sup>  
Madsen, Shirley Virginia (Art Education)  
Nelson, Joseph Lewis (Industrial Design)<sup>3</sup>  
Osterhoudt, Gertrude Elting (Commercial Design)  
Pogue, Barbara (Commercial Design)  
Sautter, Marian Evangelyn (Commercial Design)  
Spackey, Shirley Marie (Commercial Design)  
Spencer, Arthur Lloyd (Landscape Architecture)  
Tom, Helene Lin (Commercial Design)<sup>5</sup>  
Wilkins, Anna Mary (Art Education)<sup>1</sup>

### Degree of Bachelor of Music

- Anderson, Mary Elizabeth\*\*  
Bowers, Emma Kay\*\*  
Faller, Richard William<sup>1</sup>  
Haas, Mary Louise
- McKinney, Doris Jewell\*\*  
Roske, Maurine Eleanor<sup>1</sup>  
Sexton, Grace Harriman

## COLLEGE OF LAW

### Degree of Bachelor of Laws

- Blomquist, John Robert, A.B., 1942<sup>1</sup>  
Deege, John Philip, A.B., 1941<sup>1</sup>  
Elliott, Joseph Norman, A.B., Illinois Wesleyan University, 1942
- Esser, LaVerne Madeleine, A.B., 1942<sup>1</sup>  
Isenberg, Albert Henry, A.B., 1929<sup>1</sup>  
Lazovsky, Max<sup>1</sup>  
Sanderson, Guy Keith, B.S., 1942<sup>5</sup>

### Degree of Doctor of Law

- Friedman, Simon Lee, A.B., 1943  
Steele, Mary Helen, B.S., 1942<sup>1</sup>
- Williamson, Alice Virley, A.B., 1943\*\*

## LIBRARY SCHOOL

### Degree of Bachelor of Science in Library Science

- Baldwin, Lena Rose, A.B., University of Kansas, 1940  
Brandes, Dorothy June, A.B., A.M., Northwestern University, 1936, 1937<sup>3</sup>  
Brooks, Frances Carol, A.B., University of South Dakota, 1935\*<sup>3</sup>  
Bruner, Bernice Isabelle, A.B., Evansville College, 1934\*<sup>3</sup>  
Chapman, Ione Minervia, A.B., 1925; A.M., Teachers College, Columbia University, 1928  
DeBruler, Olive Cleo, A.B., Indiana University, 1935<sup>3</sup>
- Dowling, Enos Everett, A.B., Hanover College, 1929; B.D., A.M., Butler University, 1937, 1943\*<sup>3</sup>  
Duncan, Minnie Bernice, B.L., Tarkio College, 1927; A.M., Western State College of Colorado, 1940<sup>3</sup>  
Friedrich, Doratha W., B.S., 1935\*  
Golden, Alice Elizabeth, A.B., University of Oregon, 1943\*  
Guthman, Gertrude Judith, B.S., Northwestern University, 1932<sup>3</sup>  
Hall, Jean, A.B., Drury College, 1943

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Hartman, Hester Miriam, A.B., Ohio University, 1943  
 Harvey, John Frederick, A.B., Dartmouth College, 1943  
 Herron, Ann Lou, B.S., Murray State Teachers College, 1937  
 Hitte, Kathryn May, A.B., Illinois College, 1942  
 Hogenson, Selma Ida, A.B., Saint Olaf College, 1917<sup>3</sup>  
 Holt, Helen Louise, A.B., Bethany College (Kansas), 1938<sup>\*3</sup>  
 Hovde, Dorothy Marie, A.B., University of Minnesota, 1934; B.Mus., Northwestern University, 1939  
 Jones, Mary Ann, A.B., DePauw University, 1942  
 Jorgensen, Inge Budtz, Cand.Phil., University of Copenhagen, 1935<sup>5</sup>  
 Kaufman, Marguerite Sara, A.B., Carthage College, 1935<sup>3</sup>  
 Leiter, Eleanor Ruth, B.S., Miami University, 1934  
 Loser, Arla Lorraine, A.B., North Central College, 1943  
 Lowe, Dorothy Joy, A.B., Dakota Wesleyan University, 1934<sup>3</sup>  
 Moore, Irene, B.S., 1937<sup>3</sup>  
 Mores, Clara Joan, A.B., 1942<sup>3</sup>  
 Moroney, Genevieve Helen, A.B., Saint Ambrose College (Iowa), 1940<sup>3</sup>  
 Nelson, Jean Elizabeth, B.Ed., Northern Illinois State Teachers College, 1925; B.S., A.M., 1928, 1935<sup>2</sup>  
 Nelson, Marjorie Joyce, A.B., 1944  
 Phillips, Florence Elizabeth, A.B., Ohio Wesleyan University, 1928; A.M., University of Chicago, 1932<sup>\*3</sup>  
 Reuter, Elizabeth Marie, B.S., University of Nebraska, 1942  
 Riman, Florence Joan, Ph.B., University of Toledo, 1937  
 Schoch, Marjorie Regina, A.B., Butler University, 1938<sup>\*\*</sup>  
 Selby, Laura Caton, A.B., Rockford College, 1940  
 Statz, Mary Genevieve, B.S., St. Louis University, 1939  
 Szilagyi, Sophia, A.B., St. Mary's College (Indiana), 1934<sup>3</sup>  
 Thompson, Catharine Louise, A.B., Wellesley College, 1927<sup>\*\*3</sup>  
 Vegeler, Robert Harry, A.B., Manchester College, 1941<sup>3</sup>  
 Werner, Margaret Anna, A.B., Beloit College, 1943<sup>\*</sup>  
 Wilkes, Rachel Caldwell, A.B., University of Tennessee, 1930  
 Wilson, Hazel Francis, B.S., Arkansas State College, 1938  
 Winslow, Mildred Mae, A.B., Cornell College (Iowa), 1939<sup>3</sup>

## COLLEGE OF MEDICINE

## Degree of Bachelor of Science in Medicine

(Conferred in Chicago)

- Abell, John Michael<sup>2</sup>  
 Aimone, John Albert<sup>2</sup>  
 Alpern, Charles<sup>\*6</sup>  
 Aplington, James Burton<sup>2</sup>  
 Arnett, Vitold, A.B., A.M., Clark University, 1935, 1937; Ph.D., Cornell University, 1941<sup>2</sup>  
 Atherton, Leon George<sup>6</sup>  
 Atkins, Robert Alan<sup>2</sup>  
 Bailey, John Junior<sup>2</sup>  
 Baker, Robert Whitney, A.B., Coe College, 1942<sup>2</sup>  
 Bartels, Dorothy Helen<sup>6</sup>  
 Bederman, Stuart Stanley<sup>2</sup>  
 Beezy, Reuben<sup>6</sup>  
 Benvenuti, Hansel, B.S., Central Y.M.C.A. College, 1943<sup>6</sup>  
 Berman, Walter Elliott, A.B., 1944<sup>6</sup>  
 Bernstein, Lionel Mandel<sup>2</sup>  
 Boor, Alden Kinney<sup>2</sup>  
 Borak, Walter John<sup>2</sup>  
 Borgsmiller, William Jennings<sup>6</sup>  
 Brace, Kirkland Clifford, A.B., University of Iowa, 1942<sup>2</sup>  
 Budwig, Ira Adolph, Jr., A.B., 1944<sup>\*6</sup>  
 Burdon, John Carter<sup>\*6</sup>  
 Burgwald, Erroy George<sup>2</sup>  
 Cap, Thaddeus Walter, A.B., 1944<sup>\*6</sup>  
 Carlson, Ralph Everett, A.B., Angustana College, 1943<sup>6</sup>  
 Casey, William Carleton<sup>6</sup>  
 Chalmers, Nate<sup>2</sup>  
 Chambas, Harry Dan<sup>6</sup>  
 Chertack, Melvin M.<sup>6</sup>  
 Cohen, Cyril S.<sup>6</sup>  
 Cooper, Marvin Earl<sup>2</sup>  
 Cornfield, Leslie Sidney<sup>2</sup>  
 Crumrine, Joseph Lyle<sup>2</sup>  
 Dashut-Dante, Edward, D.D.S., 1930<sup>2</sup>  
 Deabler, Harold Herbert, A.B., North Central College, 1944<sup>6</sup>  
 DeYoung, Henry D.<sup>6</sup>  
 Dille, James Madison, B.S., M.S., University of Nebraska, 1930, 1933; Ph.D., Georgetown University, 1935<sup>6</sup>  
 Dobrow, Bernard<sup>6</sup>  
 Dwyer, John Cornelius, Jr.<sup>2</sup>  
 Dwyer, William Burel, B.S., John Carroll University, 1943<sup>6</sup>  
 Echt, Raymond Jacob<sup>\*6</sup>  
 Etherton, Edson Lester<sup>2</sup>  
 Feld, Myron, B.S., 1943<sup>6</sup>  
 Ferry, John Donald<sup>6</sup>  
 Fijan, Kenneth James<sup>2</sup>  
 Flaherty, James Joseph<sup>6</sup>  
 Flaherty, Neil Francis<sup>\*\*6</sup>  
 Forman, Irving Morton<sup>6</sup>  
 Fortner, Joseph Gerald<sup>2</sup>  
 Frederick, Laurence Davis, Jr.  
 Friedman, Irving Abraham<sup>2</sup>  
 Fryman, Joseph Donald, A.B., James Millikin University, 1942<sup>2</sup>  
 Garbe, LeRoy Bernard<sup>2</sup>  
 Garvin, Harold Ward<sup>2</sup>  
 Gaspich, Robert James<sup>6</sup>  
 Gattas, Fred Albert<sup>2</sup>  
 Goldberg, Stanley Zane<sup>2</sup>  
 Goldenberg, Charles<sup>6</sup>  
 Goldman, Lillian Rosenfeld<sup>6</sup>  
 Goldman, Morton Aaron<sup>6</sup>  
 Gordon, Archer Samuel, A.B., North Central College, 1942<sup>6</sup>  
 Graham, Henry Irving<sup>2</sup>  
 Greco, Louis Raymond, Jr.<sup>2</sup>  
 Greenberg, Irving Meyer<sup>2</sup>  
 Grossman, Herbert Jules<sup>6</sup>  
 Harris, Mack Joseph<sup>2</sup>  
 Hart, Richard Howe, B.S., 1944<sup>\*6</sup>  
 Hediger, Edward Louis, B.S., 1944<sup>6</sup>  
 Heifetz, Milton David<sup>2</sup>  
 Henderson, John Arthur<sup>2</sup>  
 Herath, William Albert<sup>2</sup>  
 Hesselschwerdt, Gernon Paul<sup>2</sup>  
 Hines, James Rodger<sup>6</sup>  
 Hunter, Harry Laymond, A.B., 1944<sup>6</sup>  
 Icenogle, Richard Eugene<sup>6</sup>  
 Irish, Keith Randall<sup>2</sup>  
 Jarand, Paul Ambuehl<sup>6</sup>  
 Joseph, David Meyer<sup>2</sup>  
 Juell, Roger Allen<sup>2</sup>  
 Kagen, Irving Newton<sup>2</sup>  
 Kahl, Leonard Musselman, A.B., North Central College, 1944<sup>6</sup>  
 Kamenear, Harold Robert<sup>2</sup>  
 Katz, Irving Arron<sup>2</sup>  
 Ketring, Eldon Grant<sup>6</sup>  
 King, Harry<sup>\*6</sup>  
 Klaren, Earl Vincent<sup>2</sup>  
 Koeck, Martin, III<sup>\*6</sup>  
 Kopsa, Walter John<sup>2</sup>  
 Korol, Herbert<sup>2</sup>  
 Kosar, Evelyn Dorothy<sup>2</sup>  
 Kousnetz, Irving<sup>\*6</sup>  
 Kramer, Charles Henry<sup>4</sup>  
 Lane, Robert Ellsworth<sup>6</sup>  
 Leone, Louis Bernardino, A.B., 1944<sup>6</sup>  
 Levatin, Bernard<sup>\*6</sup>  
 Levin, Milton<sup>6</sup>  
 Lichtman, William Frank, A.B., 1943<sup>6</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Lieberman, Howard Leslie\*\*  
 Liebner, Edwin Joseph<sup>6</sup>  
 Lindgren, Leroy Paul<sup>2</sup>  
 Long, John Sterry<sup>2</sup>  
 Loeffel, S. Herbert<sup>2</sup>  
 Marks, Thomas Spencer<sup>6</sup>  
 Martinek, Jaroslav, B.S., Central  
 Y.M.C.A. College, 1942<sup>2</sup>  
 Martinucci, August<sup>2</sup>  
 Matlin, Sam<sup>6</sup>  
 Meisenheimer, William Edmund<sup>6</sup>  
 Melamed, Myron<sup>2</sup>  
 Merritt, Edward George<sup>2</sup>  
 Meszaros, William Thompson<sup>2</sup>  
 Metzmaker, Charles Otto<sup>6</sup>  
 Meyer, Willard Carl<sup>2</sup>  
 Michaels, Henry Martin<sup>6</sup>  
 Miller, Milton J.<sup>2</sup>  
 Milos, Robert Joseph<sup>2</sup>  
 Molloy, Joseph Emmet<sup>2</sup>  
 Molyneaux, M. Glenn<sup>2</sup>  
 Moore, Thomas Stephen<sup>6</sup>  
 Moshin, Jack, A.B., 1944<sup>6</sup>  
 Muench, Robert James<sup>6</sup>  
 Muldowney, John Joseph<sup>6</sup>  
 Murphy, Joseph William<sup>2</sup>  
 Murphy, Robert Harold<sup>2</sup>  
 Naylor, Marjorie Virginia<sup>6</sup>  
 Nedzel, Gleb Alexander<sup>2</sup>  
 Nesbitt, Robert Douglas<sup>2</sup>  
 Nix, Winston K., M.D., 1936<sup>4</sup>  
 Nolan, Kenneth Smith, A.B.,  
 North Central College, 1942<sup>2</sup>  
 O'Brien, John Joseph<sup>2</sup>  
 Olson, Wilfred Roland<sup>2</sup>  
 Pantone, Anton Marc<sup>2</sup>  
 Paynter, Camen Russell<sup>6</sup>
- Perkins, Maxwell Bernard, A.B.,  
 1944<sup>6</sup>  
 Peters, Howard Rudolph<sup>6</sup>  
 Pilz, Clifford George<sup>2</sup>  
 Podore, Clarence Joseph<sup>2</sup>  
 Pollock, George Howard<sup>2</sup>  
 Prenzler, Lyle Howard<sup>6</sup>  
 Pugh, William Ellis, A.B., 1944<sup>6</sup>  
 Reilly, Carl Nelson, Jr.<sup>2</sup>  
 Reinert, John Edward<sup>6</sup>  
 Rice, Imas Ward<sup>2</sup>  
 Rikli, Arthur Eugene, A.B.,  
 North Central College, 1939<sup>2</sup>  
 Robinson, William Wallace,  
 B.Ed., Southern Illinois  
 Normal University, 1939<sup>6</sup>  
 Rosen, Irwin Elwood<sup>6</sup>  
 Rosner, Marvin Aron<sup>6</sup>  
 Ross, Glenn Elrick<sup>2</sup>  
 Rubin, Wallace<sup>6</sup>  
 Rubinstein, Samuel Irwin<sup>2</sup>  
 Ruehr, Henry Leonard<sup>6</sup>  
 Sauer, Gordon Chenoweth<sup>2</sup>  
 Saxon, Richard George<sup>6</sup>  
 Schiller, Filmore\*\*<sup>6</sup>  
 Schlesinger, Robert Bertrand\*\*\*  
 Schmidt, Jay Herman<sup>6</sup>  
 Sherman, Bennett Richard<sup>6</sup>  
 Shrifter, Norman<sup>2</sup>  
 Sickley, Jerome Floribert<sup>6</sup>  
 Simon, Marshall Urkov<sup>2</sup>  
 Singer, Meyer Jerome<sup>6</sup>  
 Solar, Alice Mae<sup>2</sup>  
 Solomon, Harry James\*\*<sup>6</sup>  
 Sperling, Harry<sup>2</sup>  
 Stevens, Edwin Walter<sup>2</sup>  
 Strauss, Sol S.<sup>2</sup>  
 Swanstrom, Harry Carl, Jr.<sup>2</sup>
- Talaga, Edward S., B.S., Central  
 Y.M.C.A. College, 1942<sup>2</sup>  
 Tenney, Alonzo Cass, Jr., B.S.,  
 Northwestern University,  
 1943\*\*<sup>6</sup>  
 Thometz, John James<sup>2</sup>  
 Tomlinson, William Arthur<sup>2</sup>  
 Tourney, Robert Lyman<sup>6</sup>  
 Travis, Dane Thurlow<sup>2</sup>  
 Tresley, Jack<sup>2</sup>  
 Van Ham, Joseph Augustine<sup>2</sup>  
 Vycital, Richard Otto, B.S.,  
 1941<sup>2</sup>  
 Wainright, James Wallace, A.B.,  
 DePauw University, 1944<sup>6</sup>  
 Walker, William McAlpine, B.S.,  
 Morehouse College, 1941<sup>2</sup>  
 Wallach, Howard Frederic, A.B.,  
 University of Michigan,  
 1943\*\*<sup>6</sup>  
 Walk, Silas<sup>6</sup>  
 Weyl, Wolfgang Leonard, A.B.,  
 Earham College, 1942<sup>2</sup>  
 Whitlark, Frederick Louis\*\*<sup>6</sup>  
 Wichterman, Glen Herbert<sup>2</sup>  
 Wolfe, Gordon Frank<sup>2</sup>  
 Woodman, Forrest Jackson, Jr.<sup>6</sup>  
 Worcester, Richard Laugel, Jr.\*\*<sup>6</sup>  
 Wren, Charles Wadison, Jr.<sup>2</sup>  
 Wright, Harry Edward, A.B.,  
 1931<sup>6</sup>  
 Wrzesinski, John Thomas<sup>6</sup>  
 Wunsch, Charles Alphonse, B.S.,  
 Loyola University, 1943\*\*<sup>6</sup>  
 Zack, Russell William<sup>6</sup>  
 Zalar, Richard Wayne<sup>2</sup>  
 Zimmerman, Douglas Allen<sup>6</sup>

### Degree of Doctor of Medicine

(Conferred in Chicago on March 24, 1944)

- Henderson, Elizabeth Thrall, A.B., 1940  
 Hendricks, Allan Ross, A.B., B.S., 1938, 1942  
 Picken, Edgar Raymond  
 Sills, Robert Allan, A.B., B.S., 1941, 1942

(Conferred in Chicago on December 15, 1944)

- Allen, Fredrick Ward, Jr., B.S., 1942  
 Ashley, Frank John, B.S., 1943  
 Atlas, Gerald Donald, A.B., 1942  
 Auten, Donald Seymour, B.S., 1943\*  
 Barnes, Richard Oliver, B.S., 1943  
 Bartels, John Frederick  
 Bastien, Eugene Harold, B.S., 1943  
 Bonnett, Ann E. Thrower, B.S., Northwestern  
 University, 1940.  
 Brockman, Seymour Joseph, B.S., 1943  
 Butz, Valentine Paul, B.S., 1943  
 Camras, Sidney, B.S., 1943  
 Clemons, Thomas Robert, A.B., B.S., 1942,  
 1943  
 Cohen, Joseph Aron, B.S., 1943\*  
 Collins, Margaret Casey, A.B., Smith College,  
 1937; A.M., Mt. Holyoke College, 1939  
 Cwalina, Thaddeus, B.S., 1943  
 Douglas, Dale Woolley, A.B., Park College,  
 1939; B.S., 1943  
 Drago, Rosario Philip, B.S., 1942, 1943  
 Dritz, Harvey Fred, B.S., 1943  
 Egen, Kolbjorn Gudmund, B.S., 1943  
 Ehrlich, Lee, B.S., 1943  
 Elisberg, Edward Ira, B.S., 1943\*  
 Erikson, Ro'land Edward, A.B., Augustana Col-  
 lege, 1941  
 Ewart, Fred Egerton, B.S., Lafayette College,  
 1935  
 Fillman, Eldon Mayo  
 Fisher, Ralph Morton, B.S., 1943  
 Fogelman, Morris Joseph, A.B., 1942  
 Forrest, Russell Arthur  
 Frederick, William Ehlen, B.S., 1943  
 Freese, Homer Benjamin, B.S., Elmhurst Col-  
 lege, 1941\*  
 Garland, Donald James, A.B., B.S., 1942, 1943  
 Garvin, John Samuel, A.B., B.S., 1942, 1943  
 Gettelman, Sidney Tanner, B.S., 1943  
 Glenn, Clarence Gibson, A.B., 1942  
 Goldman, Leonard, B.S., 1940  
 Goodman, James Eugene, Jr.  
 Goodrum, William Robert, B.S., 1942  
 Grady, Edgar Dunkley, B.S., United States  
 Naval Academy, 1939  
 Greaves, Robert Jesse, B.S., 1943  
 Green, Jerome Gabriel, B.S., 1942  
 Griffin, Joe Jinnat, A.B., 1942  
 Groenke, Charles Burkholm, B.S., 1943  
 Gulyash, Joseph Julius Francis, A.B., Lake  
 Forest College, 1941  
 Hardinger, Mavis Lorraine  
 Hart, Clinton Eugene, A.B., 1941  
 Hershenhouse, Samuel Benjamin, B.S., 1943  
 Herzon, Herbert, B.S., 1943  
 Hill, Vincent Rue, B.S., 1943  
 Hirshfield, Hymen Jack Bernard, B.S., 1943  
 Hoffs, Albertus John

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.



- Holden, Lawrence Burt  
Honsik, Cyril Jandus, A.B., 1942  
Hyde, John Sidney, B.S., Wheaton College, 1940  
Interlandi, Joseph, B.S., Central Y.M.C.A. College, 1942\*  
Jakofsky, Maurice, B.S., 1942  
Johnson, Alan Kron, A.B., B.S., University of North Dakota, 1942, 1943  
Johnson, Kenneth Vernon  
Johnson, LeBaron Paul  
Jones, Grant Arthur, B.S., 1943  
Kachele, George, B.S., 1943  
Kaemerle, Harold K.  
Kahn, Harry S., B.S., 1943\*  
Karandjeff, Apostle D., B.S., 1943  
Kavka, Jerome, B.S., 1943  
Kessler, William, A.B., 1941  
King, Richard Ewart, B.S., 1943  
Klempner, Harold Edward  
Kotcher, George Paul, B.S., 1940  
Kott, Harriet Sonia, B.S., 1943  
Kowalski, George Ralph, A.B., B.S., 1942, 1943  
Krasnow, Sheldon Ellman, B.S., Northwestern University, 1941  
Kravitz, Harvey, A.B., 1942  
Kreft, Warren William, B.S., 1943  
Kuhl, John Marlin  
Kukral, Albert Joseph, Jr.  
Kulwin, Myron Herman, B.S., 1943  
Kutsunis, Harry Theodore, B.S., St. Ambrose College, 1942  
Landis, James William, B.S., 1943  
Lasky, Marvin Irving, B.S., 1941  
Last, Jules Hilbert, B.S., Ph.D., University of Chicago, 1938, 1941  
Lava, Irving Myron  
Lerner, Harry Barney, B.S., 1943  
Levin, Bert, B.S., Central Y.M.C.A. College, 1941  
Lewis, Asle Kingsley, A.B., B.S., University of North Dakota, 1942, 1943\*  
Lietz, Gerald Sylvane, B.S., A.B., 1943, 1944  
Lofgren, Eric Paul, A.B., 1942  
Lundsten, Leslie Charlton, A.B., B.S., University of North Dakota, 1942, 1943  
Mammen, William Ernest, B.S., Illinois Wesleyan University, 1942  
Martin, Albert Charles, A.B., 1942  
Martins, James Kristian, B.S., 1943  
Mathewson, Raymond Glenn, A.B., Greenville College, 1940  
McClanathan, Donald Eugene, B.S., Purdue University, 1941  
McNeilly, Gordon Chester, B.S., Wheaton College, 1941  
Meatheringham, Roath Ellsworth, A.B., Culver-Stockton College, 1941  
Michels, Donald Glenn, B.S., 1943\*  
Miller, Leroy J., B.S., 1943  
Mindell, Harold B., A.B., 1942  
Mrazek, Rudolph George, Jr., A.B., 1941\*  
Mullin, Edwin Elmer, B.S., 1941, 1943  
Nainis, William Stanley, B.S., 1943  
Nelson, Carl Albert, A.B., Bradley Polytechnic Institute, 1942  
Newman, Edward Arthur, B.S., 1943  
Nichols, Ira Goodsell, Jr., A.B., B.S., 1941, 1943  
Nierenberg, Marvin Morris  
Novak, Clarence George, B.S., 1941  
Nudelman, Melvin David, B.S., 1943  
Nyman, Randall Day, A.B., Augustana College, 1941  
O'Brien, John Charles, A.B., B.S., University of North Dakota, 1942, 1943  
Olson, Wilfred Roland, B.S., 1944  
Pastnack, George Louis  
Pianowski, Thad Walter Joseph, B.S., 1943  
Pile, Duane Fred, B.S., North Dakota Agricultural College, 1942  
Plotkin, Paul, A.B., B.S., 1942, 1943  
Powers, George, A.B., B.S., 1942, 1943  
Pranke, Don Wallace, B.S., 1943  
Ralston, Lloyd Stanley, A.B., State Teachers College, Mayville, North Dakota, 1939; B.S., University of North Dakota, 1943\*  
Rapp, Roy Thomas, B.S., University of Arkansas, 1943  
Reis, Frederick Mark, B.S., 1943\*  
Rifkin, Herbert  
Rikli, Arthur Eugene, A.B., North Central College, 1939; B.S., 1944  
Ripley, Helen Ester, B.Ed., Illinois State Normal University, 1932  
Ritchey, Hardin McLean, A.B., University of Missouri, 1941; B.S., 1943  
Roberts, George Albert, A.B., Lake Forest College, 1941; B.S., 1943  
Robinson, Richard Clark, B.S., 1943  
Rossell, Charles Edward, A.B., 1942  
Rotman, Georgine Adelle  
Rubenstein, Melvin, A.B., 1942  
Ruehr, Henry Leonard\*\*  
Samuelson, Ralph Eugene, A.B., 1941  
Saslow, Earnest Joseph, A.B., University of Wisconsin, 1940  
Schayes, Hazel Ruth, A.B., 1942  
Schneider, Howard William, A.B., Cornell College, 1940  
Schutz, Paul Jeffrey, A.B., 1942\*  
Schwied, William Ellis, A.B., 1942  
Seidner, Howard Mayo, B.S., 1943  
Shewmake, Floyd Franklin  
Shore, Norman Marvin, B.S., 1942  
Singleton, Jack Wilson  
Sinow, Garland Stanley, B.S., 1943\*  
Smith, Robert Leslie, A.B., Bradley Polytechnic Institute, 1942  
Stehle, Howard Charles, B.S., 1943  
Stenborg, Walter Patrick, B.S., 1943  
Strauch, Franz August  
Stuerner, Harry Walter, A.B., B.S., 1942, 1943  
Swan, Paul Lavern, B.S., 1937  
Sweet, Arthur, B.S., 1943  
Tarun, Donald Walter, A.B., B.S., 1942, 1943\*  
Thompson, James Robert  
Thorpe, Robert Franklin, A.B., 1942  
Tobin, Daniel Anglim, B.S., University of Notre Dame, 1939  
Todd, William Henry, A.B., 1942  
Topper, Herbert Arthur, B.S., 1942  
Tourney, Robert Lyman  
Tucker, Sheldon Marvin, B.S., 1943  
Vallancey, John Crowder, A.B., 1942  
Vinciguerra, Peter Louis  
Vykouk, Frank Joseph, B.S., 1942  
Walters, Florence Amelia, B.S., Loyola University, 1941  
Weisbaum, M. Byron, B.S., 1943  
Wells, Charles K., A.B., 1941  
White, Robert Browning, A.B., North Central College, 1941; B.S., 1943  
Williams, Lowell Keith, B.S., 1943  
Wiss, Edward John  
Witanowski, Michael Frank, B.S., Loyola University, 1941\*  
Wood, Margaret Enright, B.S., New York University, 1933; B.S., Lewis Institute, 1941  
Zak, Richard Anthony, A.B., St. Procopius College, 1940; B.S., 1943  
Zannini, John Joseph, B.S., Loyola University, 1940  
Zibel, Milton, B.S., 1943

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

## COLLEGE OF DENTISTRY

## Degree of Bachelor of Science in Dentistry

*(Conferred in Chicago)*

- Alessio, Louis Alfred<sup>6</sup>  
 Baranowski, Leo Francis<sup>2</sup>  
 Bates, Robert Eugene<sup>2</sup>  
 Calhoun, Judson Jennelle<sup>2</sup>  
 Carius, Marvin Wilbur<sup>6</sup>  
 Cerney, Alan<sup>6</sup>  
 Claus, Alvin Herbert<sup>2</sup>  
 Dusek, Frank Charles<sup>2</sup>  
 Feldmann, Earl Edwin<sup>2</sup>  
 Frost, Robert Fitts<sup>6</sup>  
 Garfinkel, Frank<sup>2</sup>  
 Gerstein, Harold<sup>2</sup>  
 Green, Philip<sup>6</sup>  
 Hazekorn, Jules, A.B., 1944<sup>6</sup>  
 Howard, Joseph Hannibal, A.B., Fisk University, 1935<sup>6</sup>  
 Kahn, Lester Jay<sup>6</sup>  
 Karraker, Robert Heilig, A.B., 1942<sup>2</sup>  
 Kodosh, Milton M.<sup>2</sup>  
 Kowal, Morris, D.D.S., 1941<sup>2</sup>  
 Kroll, George, A.B., Central Y.M.C.A. College, 1944<sup>6</sup>  
 Levin, Albert Fred<sup>2</sup>  
 Lite, Theodore<sup>2</sup>  
 Merowitz, Burton Seymour<sup>2</sup>  
 Phillips, Howard Vance<sup>2</sup>  
 Price, Everett Alfred, A.B., Lake Forest College, 1941; M.S., University of Chicago, 1942<sup>6</sup>  
 Price, Nathaniel, A.B., University of Arkansas, 1938<sup>2</sup>  
 Raskin, Joseph<sup>6</sup>  
 Reizner, Burton Burrel<sup>10</sup>  
 Robinson, Marvin Jack<sup>2</sup>  
 Rosen, Ted<sup>2</sup>  
 Rubenstein, Joseph Leonard<sup>2</sup>  
 Sanders, Samuel Taylor<sup>2</sup>  
 Saylor, Hilda Sobrino<sup>2</sup>  
 Scislowicz, Matt John<sup>6</sup>  
 Shepro, Merrill James<sup>2</sup>  
 Shulruff, Walter<sup>2</sup>  
 Sircus, Sidney Bernard<sup>6</sup>  
 Stewart, Alan Erwin<sup>2</sup>  
 Tahl, Henry, A.B., University of Alabama, 1940<sup>2</sup>  
 Tauman, David Isaiah, B.S., Central Y.M.C.A. College, 1942<sup>2</sup>  
 Twedt, David Cameron<sup>2</sup>  
 VanSteenberg, George Charles<sup>2</sup>  
 Warzak, Bernard John<sup>2</sup>  
 Watkins, Dan Hendren<sup>2</sup>  
 Weiss, Harold Maurice<sup>2</sup>  
 West, Christopher Otis, B.S., Alcorn A. & M. College, 1937<sup>6</sup>  
 Wrobel, Stanley Francis<sup>2</sup>  
 Yalowitz, Seymour Hershel<sup>2</sup>  
 Zak, Herbert Bernard<sup>2</sup>  
 Zweibach, Milton Jay<sup>2</sup>  
 Zwemer, Jack<sup>6</sup>

## Degree of Doctor of Dental Surgery

*(Conferred in Chicago)*

- Augello, Gaspare Michael, B.S., 1942  
 Baranowski, Leo Francis, B.S., 1943<sup>6</sup>  
 Barclay, Paul Seitz, B.S., 1943<sup>6</sup>  
 Bernstein, Paul, B.S., 1942<sup>2</sup>  
 Biliskis, Albert George, B.S., 1943<sup>6</sup>  
 Borkenhagen, Robert Herbert, B.S., 1943<sup>6</sup>  
 Born, Harold Willard<sup>2</sup>  
 Brown, Adolph, A.B., University of Michigan, 1939<sup>2</sup>  
 Burrell, Jack Baker, B.S., 1943<sup>6</sup>  
 Canham, Robert Gerald<sup>6</sup>  
 Chapman, Vaughn Vickers<sup>6</sup>  
 Dellman, Vincent A.<sup>2</sup>  
 Derrington, Thomas Arthur<sup>2</sup>  
 DeStefano, Vincent George, B.S., 1942<sup>2</sup>  
 Dovitch, Victor<sup>2</sup>  
 Dusik, Thaddeus Frank, A.B., B.S., 1941, 1942<sup>2</sup>  
 Eisenberg, Robert Stanley, A.B., University of Alabama, 1940; B.S., 1942<sup>2</sup>  
 Erickson, John Elmer, B.S., 1943<sup>6</sup>  
 Feldman, Philip Jesse, Ph.G., Columbia University, 1933; B.S., New York University, 1940; B.S., 1943<sup>2</sup>  
 Frank, James Louis, Ph.C., B.S., B.S., 1933, 1941, 1943<sup>6</sup>  
 Frankel, John Martin<sup>2</sup>  
 Franklin, Leonard<sup>2</sup>  
 Freinberg, Norman, B.S., 1942<sup>2</sup>  
 Galhouse, Bradley Leonard, B.S., 1942  
 Galloway, Claud Edison, B.S., 1942<sup>2</sup>  
 Goodfriend, Julian D.<sup>2</sup>  
 Goodwin, Everett Junior, B.S., 1942<sup>2</sup>  
 Greenwald, Lester Eugene, B.S., 1942<sup>2</sup>  
 Hillier, Charles William, Jr., B.S., 1942<sup>2</sup>  
 Hirschtick, Edwin Joseph, B.S., 1943<sup>6</sup>  
 Hokin, Irving Albert, B.S., Lewis Institute, 1941; B.S., 1943<sup>6</sup>  
 Jacobson, Milton, B.S., Bucknell University, 1937<sup>2</sup>  
 Kamarit, Edward John, B.S., 1942<sup>2</sup>  
 Klavan, Bennett, A.B., Johns Hopkins University, 1941; B.S., 1943<sup>6</sup>  
 Kolodziejczyk, Joseph, B.S., 1943<sup>6</sup>  
 Koren, Joseph Leon, B.S., 1942<sup>2</sup>  
 Kowalski, Case Thomas  
 Kowalski, Roland Anthony, B.S., 1943<sup>6</sup>  
 Landau, Richard Harold, B.S., 1943<sup>6</sup>  
 Lapka, William Frank, B.S., 1942<sup>2</sup>  
 Lerman, Martin Dale<sup>6</sup>  
 Lies, Donald Michael, B.S., 1943<sup>6</sup>  
 Lifschutz, Sherman Parker, B.S., 1943<sup>6</sup>  
 Luria, Harold Jack, B.S., 1943<sup>2</sup>  
 Marans, Gordon J., B.S., 1942<sup>2</sup>  
 Melichar, William Joseph, B.S., 1942<sup>2</sup>  
 Morros, Joseph Leonard, B.S., 1942<sup>2</sup>  
 Muller, Carl Herman, B.S., 1943<sup>6</sup>  
 Neal, Wayne Thomas<sup>2</sup>  
 Olivi, Emil John, B.S., 1942<sup>2</sup>  
 Perloff, Godfrey<sup>6</sup>  
 Perlstein, Stanley<sup>2</sup>  
 Peterson, Eugene Gottlieb, B.S., 1942<sup>2</sup>  
 Phillips, Howard Vance, B.S., 1944<sup>6</sup>  
 Polskin, Barney Aronoff, B.S., University of Michigan, 1940<sup>6</sup>  
 Pope, William Travis, B.S., 1943<sup>6</sup>  
 Potkin, Nathan Norman, B.S., 1937, 1943<sup>6</sup>  
 Power, Doris Margaret<sup>2</sup>  
 Price, Nathaniel, A.B., University of Arkansas, 1938<sup>2</sup>  
 Reitman, Robert, B.S., 1942<sup>6</sup>  
 Resnick, Jack Michael, B.S., University of Georgia, 1941<sup>6</sup>  
 Riklin, Bernard Meredith, B.S., 1943<sup>6</sup>  
 Rubinstein, Joseph<sup>6</sup>  
 Sanders, Samuel Taylor, B.S., 1944<sup>6</sup>  
 Saylor, Hilda Sobrino, B.S., 1944<sup>6</sup>  
 Saylor, James Frederick, B.S., 1943<sup>6</sup>  
 Scislowicz, Matt John<sup>6</sup>  
 Scislowicz, Thad A., B.S., 1942<sup>2</sup>  
 Shales, Robert Glenn, B.S., 1942<sup>2</sup>  
 Shapiro, Abraham Jacob, B.S., 1943<sup>6</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Shepard, Harry Robert, B.S., 1943<sup>9</sup>  
 Shesler, John William, B.S., 1943<sup>6</sup>  
 Simkin, Morris, B.S., 1942<sup>2</sup>  
 Smithwick, Robert Clark<sup>2</sup>  
 Starek, William, B.S., 1942<sup>2</sup>  
 Stott, Thomas Austin, B.S., 1943<sup>9</sup>  
 Sullivan, Robert Harding, B.S., 1943<sup>6</sup>  
 Sutton, Robert Lee<sup>6</sup>  
 Szmyd, Milton Anthony, B.S., 1943<sup>6</sup>  
 Tahl, Henry, A.B., University of Alabama, 1940<sup>2</sup>  
 Thurow, Raymond Carl, B.S., 1943<sup>6</sup>  
 Toback, Jacob Martin<sup>2</sup>  
 Underwood, Robert Burns  
 Underman, Martin Donald, B.S., 1942<sup>2</sup>  
 Uterhart, Andreas Hans, B.S., 1941<sup>6</sup>  
 VanSteenberg, George Charles, B.S., 1944<sup>6</sup>
- Waldman, Melvin, B.S., 1942<sup>2</sup>  
 Wall, Maurice Harold, B.S., 1942<sup>2</sup>  
 Wassell, Raymond Eugene, B.S., Northwestern University, 1940<sup>6</sup>  
 Watson, Richard Hale, B.S., 1943<sup>2</sup>  
 Weisser, Nathan, B.S., 1942<sup>2</sup>  
 Weitz, Fred, B.S., 1943<sup>6</sup>  
 Weitz, Nat, B.S., 1942<sup>2</sup>  
 Wesseliuss, Richard Earle, B.S., 1943<sup>2</sup>  
 Widen, Bernard Arnold<sup>2</sup>  
 Wise, Thomas Albert, B.S., 1943<sup>6</sup>  
 Wrobel, Stanley Francis, B.S., 1944<sup>6</sup>  
 Zeger, Joseph<sup>6</sup>  
 Zucker, Edward, A.B., B.S., 1941, 1943<sup>6</sup>  
 Zweibach, Milton Jay, B.S., 1944<sup>6</sup>  
 Zweig, Joseph Martin, A.B., Emanuel Missionary College, 1940

## COLLEGE OF PHARMACY

## Degree of Bachelor of Science in Pharmacy

*(Conferred in Chicago)*

- |  |  |   |
|--|--|---|
| Begale, Andrew Michael <sup>2</sup>    | Krishen, George, Jr. <sup>2</sup>      | Roberson, William Sheard <sup>6</sup>     |
| Brady, Chris Robert                    | Kurland, Harry <sup>6</sup>            | Roberts, Fred L., Jr. <sup>6</sup>        |
| Coleman, Richard David <sup>2</sup>    | Lolli, Diva Mary <sup>6</sup>          | Rosen, Milton William <sup>2</sup>        |
| Cotariu, Phillip Gabriel               | Mandel, Seymour Lee <sup>6</sup>       | Shukas, Tom Harry <sup>2</sup>            |
| Dulla, Marian Gladys <sup>2</sup>      | McElhaney, Eleanor June <sup>6</sup>   | Sintov, Mois Jossif <sup>2</sup>          |
| Dunovsky, Dorothy Blanche <sup>6</sup> | Miller, John Keith <sup>2</sup>        | Sister, Mary Dulciana Mrotek <sup>2</sup> |
| Glidewell, Warren Alfred <sup>2</sup>  | Mularz, Virginia Florence <sup>6</sup> | Solomon, Marvin Jerome <sup>2</sup>       |
| Grant, Mary Janet <sup>6</sup>         | Nemtzw, Samuel <sup>2</sup>            | Staulz, Stanley Alexander <sup>2</sup>    |
| Heimsath, Francis Joseph <sup>6</sup>  | Pankau, Warren Richard <sup>2</sup>    | Talman, Irving <sup>2</sup>               |
| Kalfen, Irwin <sup>6</sup>             | Resnick, Leon Harry <sup>6</sup>       | Weiner, Jack <sup>2</sup>                 |
| Kalfen, Leonard <sup>6</sup>           | Resnick, Melvin Harry <sup>2</sup>     | Weiss, Marion <sup>6</sup>                |

## GRADUATE SCHOOL (URBANA AND CHICAGO)

## Degree of Master of Arts

*(In the subjects shown in parenthesis)*

- Adams, William Elmer, A.B., Quincy College, 1938; (Education)<sup>3</sup>
- Allen, John Philip, B.Ed., Illinois State Normal University, 1939; (Education)<sup>3</sup>
- Baker, Mary Lee, A.B., 1928; (Social Sciences)<sup>1</sup>
- Beck, Norman W., B.Ed., Southern Illinois Normal University, 1939; (Education)<sup>1</sup>
- Bertrand, Raynold Peter, A.B., St. Procopius College, 1940; (Education)<sup>1</sup>
- Blubaum, Clarence Charles, B.S., Indiana State Teachers College, 1935; (Sociology)<sup>5</sup>
- Bolman, Paul Meredith, B.S., 1941; (Speech)
- Booth, Margaret Rae, A.B., Miami University, 1942; (Spanish)
- Browning, Loren Clyde, B.Ed., Southern Illinois Normal University, 1940; (Education)<sup>3</sup>
- Budna, Anna Elizabeth, A.B., Rosary College, 1943; (English)
- Canham, Doris Allene, B.Ed., Northern Illinois State Teachers College, 1943; (History)<sup>2</sup>
- Clinard, Everett Lauher, B.Ed., Eastern Illinois State Teachers College, 1938; (Education)<sup>5</sup>
- Coleman, Georgiana LaVera, B.Ed., Eastern Illinois State Teachers College, 1927; (Education)<sup>6</sup>
- Culp, Caroline, A.B., 1943; (French)
- Comegys, Mary Elizabeth, A.B., College of St. Francis, 1934; (English)<sup>6</sup>
- Crim, Viola Alba, B.Ed., Southern Illinois Normal University, 1935; (Education)<sup>3</sup>
- Curvey, Josephine Raye, A.B., 1927; (Education)<sup>3</sup>
- Darrough, Jeannette Marie, B.Ed., Illinois State Normal University, 1940; (Political Science)<sup>5</sup>
- Dillow, Edith Esma, B.Ed., Southern Illinois Normal University, 1937; (Education)
- Dodd, Mildred Beatrice, A.B., 1938; (Classes)<sup>5</sup>
- Doubet, Kathryn Bowers, B.S., 1933; (Education)<sup>1</sup>
- Drake, Lyle Walter, B.Ed., Western Illinois State Teachers College, 1936; (Education)
- Dugas, Frank Emil, B.S., 1934; (Social Sciences)<sup>5</sup>
- Ebner, Ethel, B.Ed., Illinois State Normal University, 1939; (Education)<sup>3</sup>
- Ehrhart, Mae M., B.Ed., Western Illinois State Teachers College, 1929; (Education)<sup>1</sup>
- Espy, Ralph Miller, B.Ed., Illinois State Normal University, 1927; (Education)<sup>1</sup>
- Fort, Donald Marion, A.B., Grinnell College, 1938; (Economics)<sup>1</sup>
- Fosnaugh, Ruth Conley, A.B., 1942; (Spanish)
- Fox, Ralph Kenneth, B.Ed., Western Illinois State Teachers College, 1942; (Education)<sup>3</sup>
- Francis, Lillian Grose, B.Ed., Southern Illinois Normal University, 1930; (Education)
- Friend, Helen Louise, B.Ed., Southern Illinois Normal University, 1943; (Mathematics)
- Gilborne, Jean Elizabeth, B.Ed., Illinois State Normal University, 1937; (English)<sup>5</sup>
- Gordon, Doris Edell, B.Ed., Western Illinois State Teachers College, 1928; (Education)<sup>3</sup>
- Gray, Bruce Edgar, A.B., Colorado College, 1932; (Education)
- Hall, Louise McGwigan, A.B., B.S. (Lib.), University of North Carolina, 1940, 1941; (Library Science)<sup>6</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Hamilton, Clara Eddy, B.S., University of Georgia, 1942; (Zoology)<sup>3</sup>
- Haner, Charles Frederick, A.B., Kalamazoo College, 1943; (Psychology)<sup>3</sup>
- Hastings, Gertrude Anna, B.Ed., Illinois State Normal University, 1937; (Education)<sup>3</sup>
- Hawkins, Estelle Mae, A.B., Stowe Teachers College, 1939; (Education)
- Heaney, Lucille Anne, B.Ed., Eastern Illinois State Teachers College, 1938; (English)<sup>3</sup>
- Henkel, Gladys Catherine, B.Ed., Illinois State Normal University, 1936; (Education)<sup>3</sup>
- Hess, Georgine Mary, A.B., Clarke College, 1936; (Education)<sup>1</sup>
- Hickman, Ita Irene, B.Ed., Southern Illinois Normal University, 1934; (Education)<sup>3</sup>
- Hoelscher, Laura Charlotte, A.B., Iowa State Teachers College, 1931; (Education)
- Huffman, Benny Lewis, B.Ed., Western Illinois State Teachers College, 1938; (Education)
- Johnson, Clyde William, A.B., 1928; (Education)<sup>5</sup>
- Johnson, Eric Henry, B.Ed., Illinois State Normal University, 1939; (Education)<sup>5</sup>
- Kahlert, Mercedes Guillermina, A.B., 1942; (Spanish)<sup>3</sup>
- Kannmacher, Bertha Mabel, B.S., 1942; (Education)<sup>5</sup>
- Koberup, Elsie Louise Madden, A.B., Eureka College, 1924; (English)<sup>3</sup>
- Kring, Wilma Louise, A.B., 1937; (English)
- Laughbaum, Anna Belle, A.B., Greenville College, 1943; (English)
- Little, Marguerite, B.Ed., Eastern Illinois State Teachers College, 1943; (English)
- Ludwick, Claude Harry, B.S., Knox College, 1923; (Social Sciences)<sup>3</sup>
- Mann, Elizabeth Kirwan, A.B., 1935; (Education)
- Markley, Anne Ethelyn, A.B., Oklahoma College for Women, 1927; A.B.(Lib.), University of Oklahoma, 1931; (Library Science)<sup>5</sup>
- McKinney, Myrtle, A.B., Stowe Teachers College, 1941; (Education)<sup>3</sup>
- McManus, Margaret Clare, B.Ed., Western Illinois State Teachers College, 1943; (Education)
- Merchant, Esther Hazel, A.B., 1928; (Spanish)<sup>3</sup>
- Moore, Beatrice Sharpless, A.B., Knoxville College, 1942; (English)
- Moss, Chester Fred, B.Ed., Southern Illinois Normal University, 1940; (Education)<sup>3</sup>
- Moye, Blanche Lorene, B.Ed., Southern Illinois Normal University, 1930; (Education)
- Norvell, Glenn Harris, A.B., Illinois Wesleyan University, 1935; (Education)
- Otterness, Omar Gordon, A.B., 1940; (Philosophy)<sup>1</sup>
- Patterson, Bette Jane, A.B., James Millikin University, 1940; B.S.(Lib.), 1941; (Library Science)<sup>5</sup>
- Paul, Donald Lee, B.Ed., Illinois State Normal University, 1937; (Social Sciences)<sup>3</sup>
- Phillips, Joy Burcham, A.B., James Millikin University, 1939; (Physiology)<sup>5</sup>
- Porter, Helen Brundza, A.B., Elmira College, 1939; (Home Economics)<sup>3</sup>
- Potter, Claire Snyder, B.Ed., Illinois State Normal University, 1937; (Education)
- Quigley, Blanche Olive, B.Ed., Western Illinois State Teachers College, 1935; (Education)<sup>3</sup>
- Ragland, Wilbur Kent, B.Ed., Southern Illinois Normal University, 1937; (Education)
- Resor, Freda Mae, B.Ed., Illinois State Normal University, 1935; (Education)<sup>3</sup>
- Robinson, Joseph Ross, A.B., 1940; (History)<sup>3</sup>
- Root, Clarice Irene, A.B., Greenville College, 1938; (English)<sup>5</sup>
- Russell, Delpha Eva, B.Ed., Western Illinois State Teachers College, 1940; (Education)<sup>3</sup>
- Schlake, Ruth Holle, A.B., 1941; (English)
- Schneider, Leila Gerdes, A.B., University of South Carolina, 1943; (English)
- Self, Harriet Maurine, A.B., 1938; (Education)<sup>5</sup>
- Shields, Don, B.Ed., Eastern Illinois State Teachers College, 1941; (Education)<sup>5</sup>
- Simcox, Carroll Eugene, A.B., University of North Dakota, 1933; B.D., Oberlin College, 1936; (Classics)<sup>1</sup>
- Sister Marian Conway, A.B., Rosary College, 1924; (French)<sup>5</sup>
- Sister Marie James Morrissey, O.P., B.S., Milwaukee State Teachers College, 1938; (Education)<sup>3</sup>
- Sister Mary Bernadetta Duffy, A.B., Rosary College, 1937; (Education)<sup>3</sup>
- Sister Mary Dora Kenney, A.B., Rosary College, 1927; (Classics)<sup>3</sup>
- Sister Mary Rose Powers, A.B., A.B.(Lib.), Rosary College, 1930, 1940; (Speech)<sup>5</sup>
- Smith, Whitney Elmer, A.B., 1936; J.D., University of Chicago, 1938; (English)<sup>1</sup>
- Sprague, Roy William, B.Ed., Illinois State Normal University, 1941; (Education)
- Stiff, Mary Allegra, B.Ed., Southern Illinois Normal University, 1939; (Education)<sup>1</sup>
- Swengel, Eulah Wishart, B.S., 1937; (Speech)<sup>5</sup>
- Swengel, Ethel Pauline, A.B., Hanover College, 1936; (History)<sup>3</sup>
- Teter, Beatrice Josephine, B.S., Northeast Missouri State Teachers College, 1934; (History)<sup>3</sup>
- Teter, Leona Bess, B.S., Northeast Missouri State Teachers College, 1936; (Education)<sup>3</sup>
- Todd, Mary Avis, A.B., University of North Dakota, 1929; (Social Sciences)<sup>5</sup>
- Tyus, Susie Belle, B.S., Western Tennessee State Teachers College, 1939; (English)<sup>5</sup>
- Walter, Marjorie Louise, A.B., 1941; (Speech)
- Warne, Virginia Jane, B.S., 1942; (Social Sciences)<sup>5</sup>
- Washington, Camille, A.B., 1925; (English)<sup>3</sup>
- Weers, Edna Kesler, A.B., University of Wisconsin, 1918; (Education)
- White, Lucien Wendell, A.B., Augustana College, 1935; (French)
- Whitley, Virginia Margaret, A.B., 1941; (Classics)<sup>3</sup>
- Willis, William Frank, B.S., Tuskegee Institute, 1936; (Education)<sup>5</sup>
- Wolf, Dorthea Luella, B.Ed., Illinois State Normal University, 1939; (Education)<sup>5</sup>
- Woodward, Fred Erskine, A.B., Dartmouth College, 1943; (Chemistry)<sup>1</sup>

### Degree of Master of Science

(In the subjects shown in parenthesis)

- Adams, Robert McLean, B.S., 1943; (Chemistry)
- Andrew, Russell, A.B., Washington University, 1932; (Education)<sup>3</sup>
- Aroztegui, Ildefonso, Arch., University of Montevideo, 1940; (Architecture)
- Bailey, Albert David, A.B., Iowa State Teachers College, 1936; B.S., Iowa State College, 1938; (Electrical Engineering)
- Benson, Gerald Tewart, B.S., Indiana State Teachers College, 1935; (Education)
- Bird, Ruth Mae, B.S., 1940; (Physical Education)<sup>5</sup>
- Birdzell, Samuel Henry, B.S., 1937; (Education)<sup>3</sup>
- Blackwell, Booker Taliaferro, A.B., 1931; (Education)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Bloem, Harold Henry, A.B., Hastings College, 1942; (Physics)<sup>1</sup>
- Braun, Howard John, B.S., 1936; (Education)
- Brown, Victor LaVerne, B.Ed., Western Illinois State Teachers College, 1932; (Physical Education)<sup>3</sup>
- Burson, Samuel Bradley, A.B., Stanford University, 1940; (Physics)<sup>1</sup>
- Callaway, June Eugenia, B.S., 1942; (Education)
- Chukwuemeka, Nwankwo Michael, B.S., 1944; (Mechanical Engineering)<sup>5</sup>
- Clendenin, William Herman, B.S., Illinois Wesleyan University, 1937; B.S., 1939; (Biological Chemistry)<sup>6†</sup>
- Crain, Wilburn Beverly, B.S., 1936; (Education)<sup>3</sup>
- Cramer, Rose Fulton, B.S., Southeast Missouri State Teachers College, 1936; B.S.(Lib.), 1940; (Library Science)<sup>1</sup>
- Dannenfeldt, Carl Ernest, B.S., Indiana University, 1935; (Education)<sup>3</sup>
- Dawson, Carrie Belle, B.S., Lincoln University, 1942; (Education)<sup>3</sup>
- DeBord, Carl Drurry, B.S., 1941; (Chemistry)<sup>1</sup>
- Delaney, Frederick Henry, B.Ed., Western Illinois State Teachers College, 1943; (Education)<sup>3</sup>
- Dewton, Johannes Leopold, J.D., University of Vienna, 1927; B.S.(Lib.), 1941; (Library Science)<sup>5</sup>
- Douthitt, Gloria Fay, A.B., 1944; (Education)<sup>5</sup>
- Drury, Lois Maude, B.S., 1941; (Education)<sup>5</sup>
- Dunn, Ford Robert, B.Ed., Southern Illinois Normal University, 1939; (Education)<sup>3</sup>
- Ehrlich, Martha, B.S., 1941; (Education)<sup>5</sup>
- Eshleman, Robert Forney, B.S., Elizabethtown College, 1939; (Agricultural Economics)
- Fischer, Robert Blanchard, B.S., Wheaton College, 1942; (Chemistry)
- Fisher, Mary Louise, B.S., 1940; (Mathematics)<sup>3</sup>
- Fortess, Lillian Piconi, B.S., University of Chicago, 1939; (Bacteriology)
- French, John Henry, B.Ed., Illinois State Normal University, 1934; A.M., University of Missouri, 1938; (Education)<sup>3</sup>
- Freundlich, Marianne Ruth, B.S., Queens College, 1943; (Physics)
- Fritz, John William, B.S., Bradley Polytechnic Institute, 1926; (Education)
- Frye, Frances Milliken, B.Ed., Illinois State Normal University, 1940; (Education)<sup>1</sup>
- Glasser, Jean Jeanette, A.B., Brooklyn College, 1943; (Bacteriology)<sup>5</sup>
- Goessling, Vera Evelyn, B.S., University of Missouri, 1922; B.S.(Lib.), 1936; (Library Science)<sup>5</sup>
- Goodson, Margaret Schnapp, B.S., 1932; (Education)<sup>5</sup>
- Graztinger, Max, M.D., D.D.S., University of Vienna, 1916; D.D.S., 1939; (Dental Pathology)<sup>2†</sup>
- Green, William Dewey, B.Ed., Southern Illinois Normal University, 1934; (Accountancy)<sup>5</sup>
- Greeson, Joe Calvin, B.Ed., Eastern Illinois State Teachers College, 1933; (Education)<sup>1</sup>
- Grodski, Gertrude Valentine, B.S., 1943; (Economics)
- Hardenbrook, Harry, Jr., D.V.M., Colorado State College, 1940; (Animal Pathology and Hygiene)<sup>5</sup>
- Harper, Madge Perry, B.S., South Carolina State College, 1937; (Education)
- Hebert, Mary Cecilia, B.S., 1925; (Education)
- Helfert, Byron Alois, B.S., Milwaukee State Teachers College, 1940; (Education)
- Herriott, Helen Eileen, B.S., 1940; (Home Economics)<sup>5</sup>
- Hill, Ellen Maude, B.S., 1938; (Education)<sup>5</sup>
- Hoffman, Helen Pauline, B.Ed., Eastern Illinois State Teachers College, 1939; (Education)
- Holliday, Katherine Ethel, B.Ed., Western Illinois State Teachers College, 1923; (Education)
- Holtschlag, Theresa Ann, A.B., 1930; A.M., University of Chicago, 1940; (Education)
- Hosaeus, Marga, B.S., 1941; (Physical Education)<sup>5</sup>
- Hu, Yao-Yung, B.S., Hangchow Christian College, 1941; M.S., University of Michigan, 1942; (Civil Engineering)<sup>1</sup>
- Huang, Lin-Yao, B.S., Hangchow Christian College, 1941; M.S., University of Michigan, 1942; (Civil Engineering)<sup>1</sup>
- Hyson, Archibald Miller, B.S., Pennsylvania State College, 1942; (Chemistry)<sup>5</sup>
- Isley, Orville Glenn, B.S., Southeast Missouri State Teachers College, 1932; (Education)<sup>5</sup>
- Iwanaga, Richard Rokuro, B.S., 1942; (Architectural Engineering)
- Janeway, Ray Curtis, A.B., University of Kansas, 1938; B.S.(Lib.), 1941; (Library Science)<sup>5</sup>
- Jensen, Gale Edward, B.S., Milwaukee State Teachers College, 1942; (Education)<sup>3</sup>
- Johnston, Hugh William, B.S., Montana State College, 1941; (Chemistry)
- Kaushagen, William Maurice, A.B., Concordia College, 1941; (Physics)
- Kerlin, Delmar Leroy, D.V.M., Michigan State College, 1942; (Animal Pathology and Hygiene)<sup>5</sup>
- Kessler, Morris Sylvanus, Jr., B.S., 1941; (Accountancy)
- Kireilis, Ramon Walter, B.S., 1941; (Physical Education)<sup>5</sup>
- Klose, Theodore Gerard, B.S., Elmhurst College, 1943; (Chemistry)<sup>5</sup>
- Knight, Kenneth Virgil, A.B., Ohio Wesleyan University, 1936; A.M., Syracuse University, 1937; (Mathematics)
- Knobeloch, Marie Bertha, B.Ed., Southern Illinois Normal University, 1943; (Chemistry)
- Lamborn, Ellis Weston, B.S., Utah State Agricultural College, 1943; (Agricultural Economics)
- La Rosa, Rafael, Agr.Eng., National Agricultural College (Peru), 1938; (Animal Husbandry)<sup>3</sup>
- Liehr, Robert Edward, B.Ed., Illinois State Normal University, 1937; (Education)<sup>3</sup>
- Lin, Ta Mei, B.S., University of Communication, 1929; (Economics)<sup>1</sup>
- Little, Ellis Beecher, A.B., 1938; (Zoology)<sup>5</sup>
- Longman, Beryle Keith, B.S., Monmouth College, 1933; (Education)
- Lopez, Delia Rodriguez, Agr. Eng., University of Montevideo, 1938; (Horticulture)
- Lowry, Luther Leo, B.S., University of Utah, 1942; (Physics)<sup>1</sup>
- MacKenzie, Scott, Jr., B.S., University of Pennsylvania, 1942; (Chemistry)
- Maisner, Edna A., A.B., Hunter College, 1943; (Psychology)
- Marston, Oliver Talmage, B.Ed., Illinois State Normal University, 1930; (Education)<sup>3</sup>
- McKnelly, Oren Henry, B.S., Southwest Missouri State Teachers College, 1941; (Education)<sup>5</sup>
- Meck, John Sawyers, A.P., University of Wisconsin, 1941; (Chemistry)<sup>1</sup>

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.  
 †Conferred in Chicago.

- Meinkoth, Norman August, B.Ed., Southern Illinois Normal University, 1938; (Zoology)<sup>1</sup>
- Merrill, Marjory Ann, A.B., MacMurray College, 1943; (Physiology)
- Moretto, Oreste, C.E., Universidad Nacional del Litoral, 1939; (Theoretical and Applied Mechanics)<sup>5</sup>
- Munse, William Herman, B.S., 1942; (Civil Engineering)<sup>5</sup>
- Murray, Katherine Jeanne, B.S., 1939; (Education)<sup>5</sup>
- Nantkes, Elaine Vivian, B.Ed., Eastern Illinois State Teachers College, 1941; (Mathematics)
- Neiditch, Oscar Walter, B.S., 1943; (Chemistry)<sup>6†</sup>
- Nobe, Mutsumi, Ph.C., B.S., University of Southern California, 1929, 1931; (Biological Chemistry)<sup>6†</sup>
- O'Connor, Mary Evangeline, B.S., 1941; (Physical Education)<sup>3</sup>
- Palmer, Huldah, B.S., 1931; (Education)
- Parham, William Eugene, B.S., Southern Methodist University, 1943; (Chemistry)<sup>1</sup>
- Pearson, Charles Edwin, B.Ed., Illinois State Normal University, 1940; (Education)<sup>3</sup>
- Peterson, Lawrence William, B.S., M.D., 1936, 1939; (Surgery)<sup>2†</sup>
- Pierson, Irene Dorothy, A.B., 1925; (Education)
- Poggrund, Robert Seymour, B.S., Central Y.M.C.A. College, 1942; (Physiology)<sup>5</sup>
- Polniaszek, Mildred Jane, A.B., 1943; (Bacteriology)<sup>5</sup>
- Propeck, Ben Oran, B.Ed., Illinois State Normal University, 1938; (Education)<sup>1</sup>
- Pumphrey, Mable Ann, B.S., Illinois Wesleyan University, 1936; (Education)<sup>5</sup>
- Ramsey, Kathryn Ellen, B.S., 1938; (Education)<sup>3</sup>
- Read, David Hadley, B.S., Seattle College, 1942; (Chemistry)<sup>1</sup>
- Rebmann, Charles John, B.S., 1941; (Education)<sup>3</sup>
- Rendleman, Russell David, B.Ed., Southern Illinois Normal University, 1940; (Education)
- Rippel, Lorna Caroline, B.Ed., Illinois State Normal University, 1939; (Education)<sup>3</sup>
- Robinson, Camilla Verlia, B.S., Tuskegee Institute, 1937; (Education)<sup>3</sup>
- Ross, Elizabeth Leota, B.S., University of Maryland, 1941; (Zoology)
- Schloemer, Howard Frederick, B.S., Northwestern University, 1936; B.S., 1942; (Pharmacology)<sup>2†</sup>
- Schubert, Jewell Emma, B.S., Northwestern University, 1936; (Mathematics)<sup>1</sup>
- Schweickart, Ruth Louise, B.S., Miami University, 1933; B.S.(Lib.), 1934; (Library Science)
- Sister Mary Donalda Gilmore, B.S., 1941; (Education)<sup>5</sup>
- Sister Rita Rose Monaghan, B.S., 1939; (Accountancy)<sup>3</sup>
- Slocumb, Esther May, B.Ed., Illinois State Normal University, 1938; (Education)
- Smith, Cecil Edgar, B.Ed., Eastern Illinois State Teachers College, 1939; (Education)<sup>1</sup>
- Snow, Willis Everett, A.B., 1942; (Entomology)<sup>1</sup>
- Spalding, Ruth, A.B., Baylor College, 1926; B.S.(Lib.), 1938; (Library Science)<sup>3</sup>
- Stewart, Georgia Mildred, A.B., Bradley Polytechnic Institute, 1939; (Education)<sup>1</sup>
- Sunyar, Andrew William, A.B., Albion College, 1942; (Physics)<sup>1</sup>
- Tang, Stephen Jen-Yao, B.S., 1942; (Architectural Engineering)
- Templeton, Thomas Louis, B.S., 1934; (Education)<sup>1</sup>
- Treumann, William Borgen, B.S., University of North Dakota, 1942; (Chemistry)
- Waller, William Howell, B.S., 1936; (Physical Education)<sup>5</sup>
- Wandling, Harold Sylvester, B.S., 1943; (Chemistry)
- Watts, Lorie Otto, B.Ed., Eastern Illinois State Teachers College, 1939; (Education)
- Whittle, Robert Leslie, A.B., Illinois College, 1943; (Chemistry)
- Wiese, Lucile Helton, B.S., 1943; (Education)<sup>1</sup>
- Wilson, George Miller, B.S., 1942; (Geology)
- Wilson, John Eric, B.S., University of Chicago, 1941; (Chemistry)<sup>1</sup>
- Wu, Ying Lun, B.S., University of Communication, 1928; (Economics)<sup>1</sup>
- Zeiter, Martin Jacob, B.S., 1934; (Education)
- Zimmer, Roland Walter, B.S., 1939; (Education)<sup>1</sup>

### Degree of Master of Music

- Roske, Maureen Eleanor, B.Mus., 1944<sup>5</sup>
- Schroepfer, Edward James, B.Mus., Lawrence College, 1938<sup>5</sup>

### Degree of Master of Education

- Littlepage, Hamilton Sterling, B.S., Eureka College, 1924<sup>3</sup>
- Wooley, Wesley Theodore, B.S., 1928<sup>3</sup>

### Professional Degrees in Engineering

- Degree of Ceramic Engineer  
Commons, Charles Henry, Jr., B.S., 1929
- Degree of Engineer of Mines  
Bottomley, Joseph Arthur, B.S., 1930
- Degree of Civil Engineer  
Kosters, Stuart Farnsworth, B.S., 1913

### Degree of Doctor of Philosophy

(In the subjects shown in parenthesis)

- Adams, Clark Edward, A.B., M.S., Vanderbilt University, 1941, 1942; (Chemistry)<sup>5</sup>
- Allen, Robert Edward, A.B., Grinnell College, 1941; M.S., 1942; (Chemistry)
- Anderson, Einar Wulfsberg, A.B., A.M., University of Minnesota, 1925, 1926; (German)
- Bardolph, Richard, A.B., A.M., 1940, 1941; (History)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.  
†Conferred in Chicago.

- Bernsohn, Joseph, B.S., Brooklyn College, 1938; M.S., 1940; (Animal Nutrition)<sup>1</sup>
- Blackburn, Walter Evans, A.B., Georgetown College, 1927; M.S., University of Florida, 1930; (Chemistry)
- Carter, John Hannibal, A.B., A.M., 1929, 1933; (French)
- Chiang, Ming-Chien, B.S., National University of Peking, 1935; M.S., University of Maryland, 1943; (Chemistry)
- Clifton, Dorothy Eloise, A.B., University of Kentucky, 1934; A.M., Ohio State University, 1935; (Psychology)<sup>1</sup>
- Cook, Ralph La Verne, B.S., University of Alabama, 1934; M.S., 1940; (Engineering)
- Deanin, Rudolph, A.B., Cornell University, 1941; M.S., 1942; (Chemistry)<sup>5</sup>
- Den Herder, Marvin, Jr., A.B., Hope College, 1941; (Chemistry)
- DeVries, John Edward, A.B., Hope College, 1941; (Chemistry)
- Dickman, Marion Lund, B.S., M.S., 1940, 1943; (Chemistry)<sup>5</sup>
- Eilertsen, Betty Jane, A.B., Russell Sage College, 1940; A.M., University of Wisconsin, 1941; (French)
- Eyler, Robert Wilson, B.S., Monmouth College, 1940; (Chemistry)<sup>1</sup>
- Fiess, Harold Alvin, B.S., Wheaton College, 1939; M.S., 1942; (Chemistry)<sup>1</sup>
- Forgacs, Joseph, B.S., M.S., 1940, 1942; (Horticulture)
- Foster, Robert Everett, A.B., Miami University, 1940; (Chemistry)
- Gander, Robert Johns, B.S., M.S., University of Wisconsin, 1940, 1942; (Chemistry)<sup>5</sup>
- Hanahan, Donald James, B.S., M.S., 1941, 1942; (Chemistry)
- Hanawalt, Vera Matilda, A.B., Milwaukee-Downer College, 1935; M.S., 1940; (Bacteriology)<sup>1</sup>
- Hatchard, William Reginald, B.S., University of Portland, 1941; (Chemistry)<sup>5</sup>
- Hillis, Mary Olive, A.B., MacMurray College, 1941; M.S., 1942; (Chemistry)
- Hooper, Irving R., A.B., Michigan State Normal College, 1941; (Chemistry)
- Hoskisson, William Arnisson, B.S., M.S., Utah State Agricultural College, 1938, 1941; (Dairy Husbandry)
- Howson, John Arthur, A.B., Berea College, 1941; (Chemistry)
- Jelinek, Charles Frank, B.S., Montana State College, 1938; (Chemistry)<sup>5</sup>
- Johnson, Philip Colony, B.S., University of New Hampshire, 1940; (Chemistry)<sup>1</sup>
- Jones, Edith Carrington, A.B., A.M., Washington University, 1916, 1917; B.S. (Lib.), M.S., 1927, 1933; (Classics)
- Jones, Morris Thompson, A.B., M.S., 1940, 1941; (Bacteriology)<sup>1</sup>
- Koch, Herman William, B.S., Queens College, 1941; M.S., 1942; (Physics)<sup>1</sup>
- Kremers, Howard Earl, A.B., Western Reserve University, 1939; M.S., Syracuse University, 1941; (Chemistry)
- Lambert, Edward Howard, B.S., M.S., M.D., 1936, 1938, 1939; (Physiology)<sup>2†</sup>
- Lambert, Glenn Frederick, A.B., DePauw University, 1940; (Chemistry)
- Larson, Reinhold Fridtjof, B.S., M.S., 1923, 1931; (Engineering)<sup>5</sup>
- Leach, Byron Elwood, B.S., Mississippi State College, 1938; M.S., Virginia Polytechnic Institute, 1939; (Chemistry)
- Li, Lien-Chieh, B.S., Yenching University, 1932; M.S., University of Tennessee, 1941; (Agronomy)<sup>1</sup>
- Lipscomb, Robert DeWald, B.S., M.S., University of Nebraska, 1940, 1941; (Chemistry)
- Lloyd, Birtill Arthur, B.S., 1930; A.M., University of Toronto, 1934; (Chemistry)<sup>1</sup>
- Ludington, Ralph Seymour, B.Chem., Ch.E., Cornell University, 1940, 1941; (Chemistry)
- Manning, Wilmer Ray, B.E., Tulane University, 1939; (Chemistry)<sup>1</sup>
- McBride, John Alexander, A.B., Miami University, 1940, A.M., Ohio State University, 1941; (Chemistry)
- McKusick, Blaine Chase, B.Ch.E., University of Minnesota, 1940; (Chemistry)
- Mecorney, John Walter, B.S., University of California, 1941; (Chemistry)<sup>5</sup>
- Melamed, Sidney, B.S., Philadelphia College of Pharmacy and Science, 1941; M.S., 1942; (Chemistry)<sup>5</sup>
- Menefee, Sherman Grant, B.S., M.S., 1936, 1939; (Dairy Husbandry)<sup>5</sup>
- Meyer, Esther, B.S., University of Michigan, 1930; Ph.G., M.S., 1924, 1933; (Bacteriology)†
- Morkovin, Dimitry, B.S. (B.A.), M.B.A., B.S. (M.E.), University of Southern California, 1934, 1935, 1937; (Engineering)
- Norris, William Penrod, A.B., DePauw University, 1941; (Chemistry)
- Odor, Anna Frances, A.B., University of Kentucky, 1940; A.M., 1941; (German)
- Ogle, William Elwood, A.B., University of Nevada, 1940; A.M., 1942; (Physics)
- Overberger, Charles Gilbert, B.S., Pennsylvania State College, 1941; (Chemistry)
- Ozelsel, Ahmet Munci, B.S., Robert College, 1939; M.S., 1941; (Engineering)<sup>1</sup>
- Parmerter, Stanley Marshall, B.S., Greenville College, 1941; M.S., 1942; (Chemistry)<sup>5</sup>
- Phillips, George Elwood, A.B., James Millikin University, 1937; (Chemistry)
- Pietrangeli, Angelina Rosalia, A.B., Lake Forest College, 1926; A.M., 1928; (Spanish and Italian)
- Popper, Hans Philipp, M.D., University of Vienna, 1928; M.S., 1941; (Pathology)<sup>2†</sup>
- Robbins, Kenneth Carl, B.S., M.S., 1939, 1940; (Physiological Chemistry)†
- Roberts, Royston Murphy, A.B., Austin College, 1940; A.M., 1941; (Chemistry)
- Russell, Helen Louise, A.B., 1935; M.S., Wellesley College, 1937; (Education)
- Schulz, LeRoy Gregor, B.S., Hamline University, 1937; M.S., University of Nebraska, 1941; (Physics)
- Schenk, Wilbur Jay, Jr., A.B., Princeton University, 1941; (Chemistry)
- Shepherd, Douglas Alfred, A.B., University of Utah, 1941; (Chemistry)<sup>5</sup>
- Sister Mary Gretchen Hessler, A.B., A.M., 1931, 1941; (German)
- Smith, Vivian Sweibel, A.B., Hunter College, 1940; A.M., 1941; (Zoology)<sup>1</sup>
- Spangler, Fred Walter, A.B., Carthage College, 1940; M.S., 1942; (Chemistry)<sup>1</sup>
- Spradling, Arch Byron, Jr., A.B., Grinnell College, 1940; M.S., 1942; (Chemistry)
- Stewart, John Mathews, A.B., Montana State University, 1941; (Chemistry)
- Sundholm, Norman Karl, B.S., University of Minnesota, 1941; (Chemistry)<sup>1</sup>
- Tordella, John P., B.S., Loyola University, 1941; M.S., 1942; (Chemistry)<sup>5</sup>
- Udlike, Otis Lee, Jr., B.Ch.E., University of Virginia, 1941; (Chemistry)
- Wallace, William Eldred, B.S., University of Wichita, 1940; M.S., 1942; (Chemistry)<sup>1</sup>
- Warfield, Peter Foster, B.S., Hamilton College, 1940; M.S., 1941; (Chemistry)

†For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

‡Conferred in Chicago.

Webb, Arthur Harper, A.B., M.S., 1939, 1940; (Bacteriology)  
 Whitney, Robert McLaughlin, A.B., Augustana College, 1936; (Chemistry)<sup>5</sup>  
 Wicks, Zeno Waterbury, Jr., A.B., Oberlin College, 1941; (Chemistry)  
 Williams, Charles Ralph, A.B., A.M., 1937, 1937; (Zoology)

Wilson, Ferne Lois, B.S., Montana State College, 1939; M.S., 1940; (Bacteriology)  
 Wyman, Flavius Webb, B.S., Murray State Teachers College, 1937; M.S., University of Kentucky, 1939; (Chemistry)<sup>1</sup>  
 Zialcita, Lorenzo Pedro, Jr., B.S., University of the Philippines, 1938; M.S., 1942; (Animal Nutrition)<sup>9</sup>

## HONORS AWARDED AT GRADUATION IN 1944

### College of Liberal Arts and Sciences

- Anderson, LaVerne Eric, with High Honors in *Political Science*  
 Ball, Richard William, with Highest Honors in *Mathematics*  
 Baltzell, James Henry, with Highest Honors in *Classics*  
 Barker, Mary Deborah, with Honors in *Psychology and Sociology*  
 Beck, George Wallace, with Honors in *Chemical Engineering*  
 Browne, Robert Span, with Honors in *Economics*  
 Cagle, Fredric William, Jr., with Honors in *Chemistry*  
 Cap, Thaddeus Walter, with High Honors in *Chemistry*  
 Corkery, Ruth Elizabeth, with High Honors in *Spanish*  
 Crist, Joan Lenore, with Highest Honors in *Psychology*  
 Dalton, Philip Benjamin, with Highest Honors in *Chemistry*  
 Dunlop, Kathleen Edith, with High Honors in *History*  
 Eads, David Kirk, with High Honors in *Chemical Engineering*  
 Ferstandig, Louis Lloyd, with Highest Honors in *Chemistry*  
 Fleming, Eleanor Inez, with High Honors in *Bacteriology*  
 Frank, Wallace Storton, with Highest Honors in *Chemical Engineering*  
 Funk, Loraine Wilmer, with High Honors in *Chemistry*  
 Gagan, Patricia Mary, with High Honors in *Spanish*  
 Gay, Patricia Haines, with Highest Honors in *History*  
 Gillum, Kemp Frederick, with Highest Honors in *History*  
 Gordon, Mary Margaret, with High Honors in *Sociology*  
 Grobstein, Dora, with Honors in *Sociology*  
 Hader, Rodney Neal, with Highest Honors in *Chemical Engineering*  
 Hamburg, Shirley Ruth, with Honors in *Political Science*  
 Hazekorn, Jules, with Honors in *Chemistry*  
 Healy, Frances, with Honors in *History*  
 Herzog, Hershel Leon, with Highest Honors in *Chemical Engineering*  
 Hood, Horace Edward, with Highest Honors in *Chemistry*  
 Hostetter, Jeannette, with Honors in *History*  
 Johnson, Robert Curtis, with High Honors in *Chemical Engineering*  
 Johnston, Barbara Kathreen, with Highest Honors in *Political Science*  
 Kulbarsh, Harold, with Honors in *Chemistry*  
 Kurowski, Thaddeus Roman, with Honors in *Chemistry*  
 Lewis, Helen Simon, with Highest Honors in *Chemistry*  
 Limper, Arthur Frederick, with Highest Honors in *Chemical Engineering*  
 Livesay, Elizabeth Ann, with Highest Honors in *Geology*  
 Locke, Flora, with Honors in *Psychology*  
 Locke, Marcia Saree, with Highest Honors in *Bacteriology*  
 Luther, Kathryn Louise, with High Honors in *History*  
 McNeil, Patricia Agnes, with Honors in *English*  
 McPheeters, Martha Louise, with High Honors in *Mathematics*  
 McVey, Charles Bernard, with Highest Honors in *Chemical Engineering*  
 Mehren, Jane von, with Highest Honors in *History*  
 Menzel, Alberta Carol, with Highest Honors in *Speech*  
 Middleton, Betty Ann Hill, with Honors in *History*  
 Mojonier, Doris Rose, with Highest Honors in *Zoology*  
 Moshein, Jack, with Honors in *Chemistry*  
 Munz, Dorothy-Jane, with Highest Honors in *Speech*  
 Murphy, Dorothy Anne, with Honors in *History*  
 Neville, Harriet Edith, with Honors in *Chemistry*  
 Oekert, Carl Emil, with Honors in *Chemical Engineering*  
 Onstott, Edward Irvin, with High Honors in *Chemical Engineering*  
 Parry, Anne Elizabeth, with Highest Honors in *History*  
 Perel, Ada Rachel, with Honors in *Chemistry*  
 Phillips, Margaret Louise, with Highest Honors in *English*  
 Picard, Jean-Paul, with Highest Honors in *Entomology*  
 Purcelle, Verne Keta, with Highest Honors in *French*  
 Rebenstorf, Melvin Alfred, with Honors in *Chemistry*  
 Reinschreiber, James Earl, with Honors in *Chemistry*  
 Rice, Harold Lee, with Honors in *Chemistry*  
 Rogier, Edgar Robert, with Highest Honors in *Chemistry*  
 Roy, Ann, with High Honors in *Political Science*  
 Rowe, Marjorie May, with High Honors in *Home Economics*  
 Russell, Joyce Shirley, with High Honors in *Psychology*  
 Sauer, Nora E., with Honors in *Economics*  
 Schick, Harold Lincoln, with Highest Honors in *Chemical Engineering*  
 Schmitz, William Rudolph, with Highest Honors in *Chemical Engineering*  
 Sered, Edith, with Highest Honors in *Chemistry*  
 Severns, William Harrison, with Honors in *Chemical Engineering*  
 Shannon, Mary Margaret, with Honors in *Political Science*  
 Simon, Dorothy Sarah, with High Honors in *French*

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.



Simpson, Charles Reagan, with Highest Honors in Political Science  
 Sokol, Ruth Ann, with Highest Honors in Speech  
 Spain, Marjorie Marie, with Highest Honors in French  
 Speaker, Richard Laplat, with Highest Honors in Chemical Engineering  
 Staffebach, Lois Janet, with High Honors in German  
 Stanhope, Jacqueline Arras, with High Honors in English  
 Stein, Gilbert, with Honors in Chemistry  
 Stevens, Calvin Lee, with Highest Honors in Chemistry  
 Storkan, Ruth Camille, with Honors in Zoology  
 Stout, Phyllis Kathryn, with Highest Honors in English  
 Straub, Evelyn Elizabeth, with Honors in Chemistry  
 Streeter, Priscilla, with Honors in French  
 Stuit, Joan Temple, with High Honors in German

Thomas, Myrtle Louise, with Highest Honors in Mathematics  
 Thrasher, Patricia, with Highest Honors in Spanish  
 Tuman, Lorraine, with Honors in Mathematics  
 Uttich, August Joseph, Jr., with Highest Honors in Chemical Engineering  
 Venerable, James Thomas, with Highest Honors in Chemistry  
 Weaver, Robert Easton, with Honors in Chemical Engineering  
 Wedding, George Thomas, with Highest Honors in Bacteriology  
 Wiley, Margaret Jane, with Highest Honors in Political Science  
 Wiskamp, Gladys Marguerite, with High Honors in Spanish  
 Wolfman, Vivian, with High Honors in Chemistry  
 Wood, Leora Doris, with Honors in English  
 Woods, Lyle Creston, with Highest Honors in Chemistry  
 Zeidman, Blossom Shirley, with High Honors in Chemistry

### College of Commerce and Business Administration

Albright, Carl William, with Honors in Management  
 Casper, Ruth Anne, with Honors in Accountancy  
 Cover, Patricia Ann, with High Honors in Marketing  
 Fahler, Charles Franklin, with Honors in Public Affairs  
 Hedges, Virginia Mabel, with Honors in Public Affairs

McPheeters, Grace Arabelle, with Honors in Accountancy  
 Sebek, Charles Joseph Edward, with Honors in Accountancy  
 Tripp, Glenn Alvin, with Honors in Accountancy  
 Weaver, Dorothee Harriett, with Honors in Management

### College of Engineering

Ackmann, Lowell Eugene, with Honors in Electrical Engineering  
 Ascherman, John Calvin, with Honors in Civil Engineering  
 Boggs, Jack DeHaven, with High Honors in Mechanical Engineering  
 Buzan, Leroy Roderick, with Honors in Electrical Engineering  
 Cofoid, Wayne Edward, with Honors in Mechanical Engineering  
 Conklin, Richard Louis, with Honors in Engineering Physics  
 Copito, Benjamin, with Honors in Civil Engineering  
 Denis, David Randolph, with Honors in Mechanical Engineering  
 Eckhoff, Harold Eugene, with Honors in Civil Engineering  
 Field, Vernon Macdonald, with Honors in Mechanical Engineering  
 Glasscock, Dwight Lloyd, with Honors in Civil Engineering  
 Goodell, Warren Franklin, Jr., with High Honors in Engineering Physics  
 Greantas, Evon Constantine, with Honors in Engineering Physics  
 Greenberg, Ralph Albert, with Honors in Mechanical Engineering  
 Harding, Edward Thomas, with Honors in Mechanical Engineering

Houbolt, Neal, with Honors in Civil Engineering  
 Hrubucky, Henry Francis, with High Honors in Mechanical Engineering  
 Jones, William Leroy Hill, with Honors in Electrical Engineering  
 Kahl, Frederick Louis, with High Honors in Mechanical Engineering  
 Liederbach, Frederick Joseph, Jr., with Honors in Mechanical Engineering  
 Lloyd, Lowell Thomas, with High Honors in Metallurgical Engineering  
 Loeske, Carl William Bernard, with High Honors in Mechanical Engineering  
 McClure, Gordon Wallace, with High Honors in Engineering Physics  
 Monohon, Paul Joseph, with Honors in Civil Engineering  
 Mueller, Carl Freeman, with High Honors in Civil Engineering  
 Porter, Ralph Lloyd, with High Honors in Mechanical Engineering  
 Prentice, William Jay, Jr., with Honors in Ceramic Engineering  
 Sproat, Robert Alfred, with Honors in Civil Engineering  
 Viitanen, Velkko Kalervo, with Honors in Mechanical Engineering  
 Wilson, Wendell H., with High Honors in Civil Engineering

### College of Agriculture

Bennett, Alice Catherine, with Honors in Nutrition and Dietetics  
 Bennett, Elsie Beth, with Honors in Home Economics  
 Biermann, Hans Joachim, with Highest Honors in Agriculture  
 Boyer, Lois Reace, with High Honors in Nutrition and Dietetics  
 Campbell, Helen Shaw, with Honors in Home Economics  
 Claussen, Ruth Esther, with High Honors in Nutrition and Dietetics

Dirks, Anne Elizabeth, with Honors in Home Economics  
 Doubt, Charles Junior, with Honors in Agriculture  
 Einbecker, Betty Jean, with Highest Honors in Nutrition and Dietetics  
 Frantz, Rylene Dry, with Honors in Nutrition and Dietetics  
 Garren, Dorothy Faye, with Honors in Applied Science  
 Gibbons, James Richard, with Honors in Vocational Agriculture

Jackson, Sherwood Leighton, *with High Honors in Agriculture*  
 Lee, Virginia Ann, *with Highest Honors in Nutrition and Dietetics*  
 Nesheim, Ruth Sena, *with High Honors in Home Economics*  
 Read, Phyllis Eileen, *with High Honors in Home Economics*  
 Roll, Dorothy Eileen, *with High Honors in Home Economics*  
 Schneider, Edwin Otto, *with Honors in Agriculture*

Schroeder, Mary Jeanette, *with High Honors in Nutrition and Dietetics*  
 Stull, Isabel May, *with High Honors in Nutrition and Dietetics*  
 Weishaar, Ethel Mary, *with Honors in Home Economics*  
 Wirsig, Ruth Alberta, *with Highest Honors in Home Economics*  
 Wolfe, Elizabeth Ann, *with Honors in Nutrition and Dietetics*  
 Woody, Rhea Mae, *with Honors in Home Economics*

### College of Education

Chval, Martha Ruth, *with Honors in History and Education*  
 Hargitt, Richard Thomas, *with Honors in Industrial Education*  
 Le Count, Glenn Seymour, *with Honors in Agricultural Education*

Pixley, Louise Duff, *with Honors in Music*  
 Williams, Mary Elizabeth, *with Honors in Speech*  
 Zeisler, Phyllis Joan, *with Honors in Education*

### College of Law

Williamson, Alice Virley, *with Honors*

### College of Fine and Applied Arts

Adams, Virginia Louise, *with Honors in Painting*  
 Anderson, Mary Elizabeth, *with High Honors in Music*  
 Bowers, Emma Kay, *with High Honors in Music*  
 Clark, George Mason, *with Honors in Architectural Engineering*  
 Cohen, Suzanne Dorothy, *with High Honors in Music Education*

McKinney, Doris Jewell, *with High Honors in Music*  
 Mills, Margaret Isabel, *with Honors in Music Education*  
 Patterson, Martha Hess, *with High Honors in Music Education*  
 Pesci, Warren Richard, *with High Honors in Architectural Engineering*  
 Thrall, Miriam Ruth, *with High Honors in Music Education*

### Library School

Brooks, Frances Carol, *with Honors*  
 Bruner, Bernice Isabelle, *with Honors*  
 Dowling, Enos Everett, *with Honors*  
 Friedrich, Dorathea W., *with Honors*  
 Golden, Alice Elizabeth, *with Honors*

Holt, Helen Louise, *with Honors*  
 Phillips, Florence Elizabeth, *with Honors*  
 Schoch, Marjorie Regina, *with High Honors*  
 Thompson, Catharine Louise, *with High Honors*  
 Werner, Margaret Anna, *with Honors*

### School of Journalism

Benson, Martha Louise, *with Honors*  
 Boyle, Margaret Woodroe, *with Honors*  
 Marvin, Isabelle Buckland, *with Honors*

Rankin, Marilyn Merle, *with High Honors*  
 Slyder, Lois Ann, *with Honors*

### School of Physical Education

Booker, Jo Anne, *with Honors in Education and Physical Education*

Thomas, Wilma Jean, *with Honors in Physical Education*

### College of Medicine

Alpern, Charles, *with Honors*  
 Auten, Donald Seymour, *with Honors*  
 Budwig, Ira Adolph, Jr., *with Honors*  
 Burdon, John Carter, *with Honors*  
 Cohen, Joseph Aron, *with Honors*  
 Echt, Raymond Jacob, *with Honors*  
 Elisberg, Edward Ira, *with Honors*  
 Flaherty, Neil Francis, *with High Honors*  
 Freese, Homer Benjamin, *with Honors*  
 Hart, Richard Howe, *with High Honors*  
 Interlandi, Joseph, *with Honors*  
 Kahn, Harry S., *with Honors*  
 King, Harry, *with Honors*  
 Koeck, Martin, III, *with Honors*  
 Kousnetz, Irving, *with Honors*  
 Levatin, Bernard, *with Honors*  
 Lewis, Asle Kingsley, *with Honors*  
 Lieberman, Howard Leslie, *with Honors*

Michels, Donald Glenn, *with Honors*  
 Mrazek, Rudolph George, Jr., *with Honors*  
 Ralston, Lloyd Stanley, *with Honors*  
 Reis, Frederick Mark, *with Honors*  
 Ruehr, Henry Leonard, *with High Honors*  
 Schlesinger, Robert Bertrand, *with High Honors*  
 Schutz, Paul Jeffrey, *with Honors*  
 Sinow, Garland Stanley, *with Honors*  
 Solomon, Harry James, *with High Honors*  
 Tarun, Donald Walter, *with Honors*  
 Tenney, Alonzo Cass, Jr., *with Honors*  
 Wallach, Howard Frederic, *with Honors*  
 Whitlark, Frederick Louis, *with Honors*  
 Witanowski, Michael Frank, *with Honors*  
 Worcester, Richard Laugel, Jr., *with Honors*  
 Wunsch, Charles Alphonse, *with Honors*

### College of Dentistry

Zwemer, Jack, *with Honors*

## PRIZES AWARDED IN 1944

## Colleges and Schools at Urbana

- Allerton American Traveling Scholarships in Architecture  
John Edgar Barthel  
Warren Richard Pesci
- Alpha Chi Sigma Plaque in Chemistry  
Elizabeth Jane Foster
- Alpha Delta Sigma Plaque in Journalism  
Patricia Ann Miller
- Alpha Kappa Psi Scholarship Medallion in Commerce  
Glenn Alvin Tripp
- Alpha Lambda Delta Prize  
Anne Elizabeth Parry
- American Society of Civil Engineers Awards  
*Central Illinois Section:*  
John Calvin Ascherman  
Hugh Thomas Boyd  
Robert Paul Buettner  
*Illinois Section:*  
Sheldon Joseph Leavitt
- Baker Prizes in Civil Engineering  
Sheldon Joseph Leavitt, *First*  
Harold Clinton, *Second*
- Beta Gamma Delta Sigma Cup in Commerce  
Emily Lou Frank
- Chicago Tribune Awards for Military Merit  
Fred Richard Lofthouse, *Silver Medal*  
Robert Lancaster Folger, *Bronze Medal*
- Chi Omega Prize in Sociology  
Mary Margaret Gordon
- Clark Prize (Phi Eta Sigma)  
Arthur Louis Jensen
- Dean Maria Leonard Prizes  
Margaret Louise Phillips  
Patricia Haines Gay
- English Poetry Prize  
Jean Betty Klein
- Gamma Sigma Delta Prize in Agriculture  
George William Wieggers, Jr.
- Harker Prizes in Law  
Alice Irene Curtis  
Alice Virley Williamson
- Hazelton Medal in Military Science  
Rufus James Walker
- Hearst Trophy in Military Science  
Carl Albert Keller
- Home Economics Club Cup  
Helen Mae Whitson
- Intercollegiate Conference Medal  
Warren Franklin Goodell, Jr.
- Iota Sigma Pi Prize in Chemistry  
Edith Sered
- Kappa Delta Pi Award in Education  
Mary Elizabeth Williams
- Kate Neal Kinley Memorial Fellowship in the Fine Arts  
John David Kraehenbuehl, B.Mus., A.B.,  
1943
- Omega Beta Pi Prizes in Pre-Medical Work  
Robert Alva Purdy, *Scholarship Award*  
Donald Maurice Koppel, *Trophy*
- Omicron Nu Plaque in Home Economics  
Ruth Alberta Wirsig
- Phi Beta Kappa Scholarships  
*First Semester:*  
Dorothy Ann Hendel  
*Second Semester:*  
Margaret Anne Robbins
- Phi Chi Theta Key in Commerce  
Patricia Ann Cover
- Phi Kappa Phi Scholarship  
Oscar Walter Neiditch
- Phi Lambda Upsilon Cup in Chemistry  
Robert Lancaster Folger
- Plym Prizes in Architectural Engineering  
*First Semester:*  
Bennett Conrad Larson, *First*  
Lewis Wentworth Giles, *Second*  
*Second Semester:*  
Robert Paul Buettner  
George Mason Clark  
Warren Richard Pesci
- Plym Prize for Sketch Problems  
Anne Catherine Krebs
- Sigma Delta Chi Awards in Journalism  
Margaret Boyle  
Katherine Day  
Isabelle Buckland Marvin  
Marilyn Merle Rankin  
*Citation of Achievement:*  
James Oliver Taggart
- Sigma Tau Medal in Engineering  
John Ries Leek
- Theta Sigma Phi Award in Journalism  
Bette Jean Nance
- University Gold Medal in Military Science  
James Thorud Strong
- Veterans of Foreign Wars Auxiliary Awards  
Alberta Carol Menzel  
Anne Elizabeth Parry  
Sheldon Joseph Leavitt

## Colleges in Chicago

Alpha Omega Alpha Membership Awards in  
Medicine

Donald Seymour Auten  
Joseph Aron Cohen  
Edward Ira Elisberg  
Homer Benjamin Freese  
Joseph Interlandi  
Harry S. Kahn  
Asle Kingsley Lewis  
Donald Glenn Michels  
Harold B. Mindell  
Lloyd Stanley Ralston  
Frederick Mark Reis  
Henry Leonard Ruehr  
Paul Jeffrey Schutz  
Garland Stanley Sinow  
Donald Walter Tarun  
Robert Browning White  
Edward John Wiss  
Michael Frank Witanowski

Certificate of Merit of the American Society for  
the Promotion of Dentistry for Children*March:*

Eugene Gottlieb Peterson

*December:*

Samuel Taylor Sanders

## Herman Elich Prize in Chemistry

Richard David Coleman

## William Gray Prize in Pharmacy

Milton William Rosen

## Frederick B. Noyes Seminar Prize in Dentistry

*March:*

Milton Jacobson  
Thad A. Scislowicz  
Richard Earle Wesselius

*December:*

Raymond Carl Thurow  
Thomas Albert Wise  
John William Shesler  
Robert Herbert Borkenhagen

Omicron Kappa Upsilon Membership Awards  
in Dentistry*March:*

Milton Jacobson  
Robert Glenn Shales  
Wayne Thomas Neal  
Harold Jack Luria  
William Starek  
Melvin Waldman

*December:*

Robert Gerald Canham  
Thomas Albert Wise  
Milton Anthony Szmyd  
Raymond Eugene Wassell  
William Travis Pope  
Raymond Carl Thurow

## Rho Chi Prize in Pharmacy

Milton William Rosen

# GRADUATE SCHOLARS AND FELLOWS

1944-1945

- Adams, Clark Edward, Fellow in Chemistry (S)\*  
Alexander, Wyvona Belle, Fellow in Chemistry (FW)  
Ball, Richard William, Scholar in Mathematics (FW)  
Bates, Grace Elizabeth, Fellow in Mathematics (FW)  
Benedict, Audrey Hope, Scholar in Botany (Nominee of Knox College) (FW)  
Burson, Samuel Bradley, Fellow in Physics (FW)  
Carter, Mary Prickett, Scholar in Accountancy (FW)  
Chambers, Robert Rood, Allied Chemical and Dye Corporation Fellow in Chemistry (FW)  
Edson, Alice Rose, Scholar in Home Economics (Nominee of Northern Illinois State Teachers College) (FW)  
Enos, Herman Isaac, Jr., Eli Lilly Fellow in Chemistry (FW)<sup>1</sup>  
Fisch, Theodore, Scholar in History (SFW)  
Freundlich, Marianne Ruth, Fellow in Mathematics (FW)  
Georgoff, Lydia, Scholar in Zoology (FW)<sup>1</sup>  
Gillum, Kemp Frederick, Scholar in History (FW)  
Henderson, Rebecca Jean, Scholar in English (Nominee of Eastern Illinois State Teachers College) (FW)  
Hostinsky, Lois Aileen, Scholar in Mathematics (FW)  
Hubbard, Paul Gaylord, Jr., Fellow in History (FW)  
Hunt, Effie Neva, Scholar in English (FW)  
Johnson, Dorothy Bernice, Scholar in Geology (F)  
Kaufman, Esther, Scholar in English (FW)  
Kelly, Virginia Anne, Scholar in Spanish (Nominee of Rosary College) (FW)<sup>1</sup>  
Kramer, Margaret Davis, Fellow in Chemistry (SFW)  
Laughbaum, Anna Belle, Fellow in English (FW)  
Lees, Ruby Roxane, Fellow in French (FW)  
Leiner, Shirley Ann, Scholar in Accountancy (Nominee of Monmouth College) (FW)  
Little, Marguerite, Fellow in English (FW)  
Livesay, Elizabeth Ann, Scholar in Geology (FW)  
Mathy, Leonard George, Fellow in Economics (F)
- Maynert, Everett William, Fellow in Chemistry (FW)  
McAllaster, Elva Arline, Scholar in English (Nominee of Greenville College) (FW)  
Meeck, John Sawyers, Allied Chemical and Dye Corporation Fellow in Chemistry (FW)  
Meinkoth, Marian Richards, Fellow in Economics (F)  
Nalbandov, Olga, Fellow in Chemistry (SFW)  
Nielsen, Carol Grace, Scholar in English (Nominee of Carthage College) (FW)  
Norris, Helen Louise, Katharine L. Sharp Scholar in Library Science (FW)  
Oliver, Earl Lester, Fellow in English (F)  
O'Rourke, Anne Agnes, Scholar in English (FW)  
Ortiz, Manuel Higinio, Fellow in Orthodontia (5 months beginning September 1, 1944)  
Peel, Elizabeth Wilson, Fellow in Chemistry (FW)<sup>1</sup>  
Picard, Jean-Paul, Scholar in Entomology (FW)  
Rebstock, Mildred Catherine, Fellow in Chemistry (FW)  
Roberts, Lorraine Janda, Scholar in English (Nominee of Illinois Normal University) (FW)<sup>1</sup>  
Rockwell, Harriet Esther, Fellow in Chemistry (SFW)  
Saunders, James Henry, Abbott Laboratories Fellow in Chemistry (FW)  
Schloemer, Howard Frederick, Walgreen Company Fellow in Pharmacy (12 months beginning May 1, 1944)<sup>1</sup>  
Spain, Marjorie Marie, Scholar in French (FW)  
Swift, Howard Raymond, Fellow in Ceramics (FW)  
Treuemann, William Borgen, Fellow in Chemistry (FW)<sup>1</sup>  
Walker, Joan, Scholar in English (Nominee of Western Illinois State Teachers College) (FW)  
Wang, Chu-Kia, Fellow in Civil Engineering (FW)  
White, Lucien Wendell, Fellow in French (FW)<sup>1</sup>  
Willett, Thelma, Scholar in Music (FW)  
Wittrock, Verna Dorothy, Scholar in English (FW)  
Yalow, A. Aaron, Fellow in Physics (S)

\*The letters in parenthesis are abbreviations for the terms of the year for the Urbana departments: S—Summer, four months beginning June 1, 1944; F—Fall, four months beginning October 1, 1944; W—Winter, four months beginning February 1, 1945.

<sup>1</sup>Resigned.



SUMMARY OF STUDENTS (Continued)

URBANA DEPARTMENTS (Continued)  
First and Second Semesters (Continued)

	Third Year		Second Year		First Year		Unclassified		Irregular <sup>1</sup>		TOTALS			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
LAW.....	9	6	15	5	4	9	18	5	23	1	1	33	15	48
LIBRARY.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<i>Total, Undergraduate and Professional Students, Urbana</i>	2,372		4,283		6,655		308		291		689		2,770	
<i>Total, Urbana Departments, First and Second Semesters</i>	2,770		4,574		7,344		..		..		..		7,344	

Summer Semester of 1944

Undergraduate Students.....	758	801	1,559
Graduate Students.....	370	296	666
<i>Total, Summer Semester of 1944</i>	(1,128)		(2,225)
Deduct duplicates (students registered also for first and second semesters, counted above)			
<i>Net Total, Urbana Departments, Summer Semester of 1944</i>	434		569
TOTAL, CIVILIAN ENROLLMENT IN URBANA DEPARTMENTS, FROM JUNE, 1944, TO MARCH, 1945.....	3,204		5,143

ARMY SPECIALIZED TRAINING PROGRAM

ARMY SPECIALIZED TRAINING PROGRAM.....	948	..	948
NAVY COLLEGE TRAINING PROGRAM.....	604	..	604
TOTAL, CIVILIAN AND ARMED SERVICES IN URBANA DEPARTMENTS, FROM JUNE, 1944, TO MARCH, 1945.....	4,756		5,143

CHICAGO DEPARTMENTS

	Fourth Year		Third Year		Second Year		First Year		Unclassified		Irregular <sup>1</sup>		TOTALS	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
MEDICINE.....	336	16	352	167	11	178	153	13	166	137	18	155	793	58
OCCUPATIONAL THERAPY.....	8	8	..	..	..	..	..	..	..	..	..	..	1	55
DENTISTRY.....	110	1	111	45	..	45	76	..	26	..	..	26	257	1
PHARMACY.....	15	11	26	9	5	14	7	4	11	56	20	76	89	40
<i>Total, Undergraduates, Chicago</i>	1,140		154		1,294		61		9		70		1,250	

PHYSICIANS, DENTISTS, PHARMACISTS, AND SCIENTIFIC ILLUSTRATORS TAKING SPECIAL COURSES

GRADUATE SCHOOL, CHICAGO DEPARTMENTS.....	200	161	361
Deduct duplicates (students registered in more than one college or school)	751	121	872
TOTAL, CHICAGO DEPARTMENTS, FROM APRIL, 1944, TO MARCH, 1945.....	951	282	1,233

EXTRAMURAL COURSES

Graduate Students.....	5,405	5,614	11,019
Undergraduate Students.....	6,957	5,614	12,571
<i>Total, Extramural Students, 1944-1945</i>	12,362		16,633

TOTAL, CIVILIAN ENROLLMENT IN UNIVERSITY, 1944-1945

TOTAL, CIVILIAN ENROLLMENT IN UNIVERSITY, 1944-1945.....	5,405		5,614
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TOTAL, CIVILIAN AND ARMED SERVICE ENROLLMENT IN UNIVERSITY, 1944-1945

TOTAL, CIVILIAN AND ARMED SERVICE ENROLLMENT IN UNIVERSITY, 1944-1945.....	6,957		5,614
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<sup>1</sup> Post-graduate students holding bachelor's degrees who are taking undergraduate work. These students include those who are not classified for another degree.

# LIST OF STUDENTS

## EXPLANATION

THE FOLLOWING LIST includes in one alphabetic series the names of all civilian students registered in the University of Illinois in the academic year 1944-1945, including the spring and summer quarters and the summer semester of 1944, except students enrolled only in courses taught by correspondence. The information is arranged in six columns showing (1) the student's name, (2) legal residence, (3) college or school, (4) curriculum or major, (5) classification, and (6) sessions attended. For students attending at Urbana in the summer semester, the information was obtained from their records as of June, 1944; for those attending the first semester, it was taken from their records as of October, 1944; and for those attending the second semester, from their records as of February, 1945. For students in the Chicago departments, which operate on the quarter system, the information was taken from records of registration for the spring, summer, fall, and winter quarters. Students withdrawing within ten days after the date of registration for any term are not listed as in attendance for that term.

*Names and Degrees.*—In the first column, the names are in alphabetic order. Any degrees shown after a name are those held at the time of registration.

*Legal Residence.*—In the second column, showing the legal residence for each student, all cities and towns are located in Illinois unless otherwise indicated.

*College or School.*—In the third column, indicating the student's enrollment in one of the colleges or schools of the University, abbreviations are used as shown in the list below on this page. Students enrolled in extramural courses only are indicated by undergraduate (UGRAD) or (GRAD) in this column.

*Curriculum or Major.*—In the fourth column, abbreviations of curricula and major subjects are used as shown in the list on the following page.

*Classification.*—In the fifth column, classification of undergraduate students at Urbana is indicated as follows:

Fr . . . . . Freshman	Jr . . . . . Junior	Unc . . . . . Unclassified
So . . . . . Sophomore	Sr . . . . . Senior	Irr . . . . . Irregular

Unclassified students are not matriculated as candidates for a degree. Irregular students are those holding degrees but taking only undergraduate work. In the colleges of Law, Medicine, Dentistry, and Pharmacy, students are classified as first-year, second-year, third-year, etc., indicated by the numbers 1, 2, 3, etc., or as post-graduate (PG). In the Library School, all regular students are classified as first-year, indicated by I. (Students doing the second year of work in library science are registered in the Graduate School.) Since students in the Graduate School are not classified by year of work, the space in this column is used to show whether they are registered in the Urbana departments (indicated by "U") or in the Chicago departments (indicated by "C"). Students registered in extramural courses are indicated by "EM" in this column.

*Sessions Attended.*—In the sixth column, "S" indicates summer semester of 1944, "T" indicates first semester, and "II" indicates second semester for students attending at Urbana. For students attending in Chicago, the quarters are indicated as follows: "Sp," spring; "S," summer; "F," fall; "W," winter.

### Abbreviations of Colleges and Schools

AGR.—College of Agriculture  
 COM.—College of Commerce  
 DENT.—College of Dentistry  
 DSSWV.—Division of Special Services  
           for War Veterans  
 EDUC.—College of Education  
 ENG.—College of Engineering  
 FAA.—College of Fine and Applied  
       Arts

GRAD.—Graduate School  
 JNL.—School of Journalism  
 LAS.—College of Liberal Arts and  
       Sciences  
 LAW.—College of Law  
 LIB.—Library School  
 MED.—College of Medicine  
 PHARM.—College of Pharmacy  
 PE.—School of Physical Education



## Abbreviations of Curricula and Major Subjects

Accy.....	Accountancy	LArch.....	Landscape Architecture
AeroE.....	Aeronautical Engineering	Laryng.....	Laryngology
AgEcon.....	Agricultural Economics	Latin.....	Latin
AgEduc.....	Agricultural Education	LD.....	Lower Division
AgEng.....	Agricultural Engineering	LibSci.....	Library Science
Agron.....	Agronomy	Math.....	Mathematics
Anat.....	Anatomy	ME.....	Mechanical Engineering
AnHusb.....	Animal Husbandry	Med.....	Medicine
AnNutr.....	Animal Nutrition	MedIllus.....	Medical Illustration
AnPath.....	Animal Pathology	MetE.....	Metallurgical Engineering
Arch.....	Architecture	MinE.....	Mining Engineering
ArchEng.....	Architectural Engineering	Mus.....	Music
Art.....	Art	MusEd.....	Music Education
ArtEduc.....	Art Education	MusLit.....	Music Literature
Bact.....	Bacteriology	Neurol.....	Neurology
BOO.....	Business Organization and Operation	NeurolSurg.....	Neurological Surgery
Bot.....	Botany	ObstetGyn.....	Obstetrics and Gynecology
BusAdm.....	Business Administration	OccTher.....	Occupational Therapy
CE.....	Civil Engineering	Ophthal.....	Ophthalmology
Cer.....	Ceramics	OralPath.....	Oral Pathology
CerE.....	Ceramic Engineering	OralSurg.....	Oral Surgery
Chem.....	Chemistry	Orthod.....	Orthodontia
ChEng.....	Chemical Engineering	Orthopaed.....	Orthopaedics
Class.....	Classics	Otolaryn.....	Otolaryngology
Dent.....	Dentistry	Path.....	Pathology
DentPath.....	Dental Pathology	PDent.....	Pre-Dentistry
DentTher.....	Dental Therapeutics	PE.....	Physical Education
DGS.....	Division of General Studies	Pediat.....	Pediatrics
DHusb.....	Dairy Husbandry	PFor.....	Pre-Forestry
DMfg.....	Dairy Manufacturing	Pharm.....	Pharmacy
DTech.....	Dairy Technology	Pharmacog.....	Pharmacognosy
Econ.....	Economics	Pharmacol.....	Pharmacology
Educ.....	Education	Philos.....	Philosophy
EE.....	Electrical Engineering	PhysChem.....	Physiological Chemistry
EJnl.....	Emergency Journalism	Physics.....	Physics
Engl.....	English	Physiol.....	Physiology
Entom.....	Entomology	PJnl.....	Pre-Journalism
EOccTher.....	Emergency Occupational Therapy	PLaw.....	Pre-Law
EPhy.....	Engineering Physics	PMed.....	Pre-Medicine
Flor.....	Floriculture	PPharm.....	Pre-Pharmacy
French.....	French	PolSci.....	Political Science
Genl.....	General	Psychiat.....	Psychiatry
Geog.....	Geography	Psychol.....	Psychology
Geol.....	Geology	PubAdm.....	Public Administration
German.....	German	PVet.....	Pre-Veterinary
Greek.....	Greek	SanE.....	Sanitary Engineering
Gyn.....	Gynecology	Soc.....	Sociology
HEcon.....	Home Economics	SocSci.....	Social Science
Hist.....	History	Span.....	Spanish
Histol.....	Histology	Speech.....	Speech
Hort.....	Horticulture	Surg.....	Surgery
InEduc.....	Industrial Education	SWA.....	Social Welfare Administra- tion
Italian.....	Italian	TAM.....	Theoretical and Applied Mechanics
Jnl.....	Journalism	UD.....	Upper Division
JuvBehav.....	Juvenile Behavior	Zool.....	Zoology

Student's Name (With previous degrees)	Legal Residence	College or School	Curricu- lum or Major	Classifi- cation	Sessions Attended
Aaron, Charlotte Helen	Chicago	LAS	Genl	Jr	I II
Abbott, Jane Thomas	Little Rock, Ark.	JNL	Jnl	Sr	S I II
Abbott, Mary Ruth	Waukegan	PE	PE	Fr	I II
Aberholden, Edward Robert	Chicago	LAS	Genl	Fr	S I
Abel, Shirley Mae	Detroit, Mich.	LAS	Genl	Fr	I II
Abel, William Thomas	Needham, Ind.	GRAD	Chem	U	S I II
Abell, John Michael, B.S.	Aurora	MED	Med	4	Sp S F W
Abels, Janice Carole	Freeport	LAS	Genl	Fr	I II
Abels, Norma Elaine	Freeport	LAS	Genl	So	I II
Abendroth, Dean Steele	Decatur	EDUC	Genl	Sr	S I II
Abercrombie, Theron M.	Jacksonville, Fla.	UGRAD		EM	II
Aberg, Sylvia Helson	Chicago	JNL	EJnl	Fr	I II
Abrahams, Jerome Edward	Chicago	MED	Med	2	Sp S F W
Abrahamson, Blossom Shirley, A.B.	Chicago	MED	MedIllus	PG	F W
Abrams, Chernie	Chicago	LAS	Genl	So	I II
Absher, Mason Ransom	Urbana	UGRAD		EM	II
Ackerman, Gregory Albert	Chicago	PHARM	Pharm	1	W
Ackerman, Laynez Stratton	Chicago	LAS	Chem	So	II
Ackerman, Leona Marie	Athens	AGR	HEcon	Fr	I
Ackerman, Mark Lee, III	Champaign	LAS	Genl	So	S I II
Acklin, James Edward	Roxana	ENG	ME	Fr	I
Acree, James Elliot, A.B., A.M.	Indianapolis, Ind.	GRAD	Hist	U	S
Acree, James Leonard	Jacksonville	ENG	ME	Fr	II
Acton, Robert Dale	Danville	LAW	Law	1	I II
Adair, Elizabeth Anne	Urbana	ENG	Genl	Fr	I II
Adair, Helen Louise	Monmouth	FAA	Art	Sr	S I II
Adams, Charles Howard, B.S.	Urbana	GRAD	TAM	U	S I
Adams, Clark Edward, A.B., M.S.	Chandler, Okla.	GRAD	Chem	U	S
Adams, Claude Edward, A.B.	Browning	GRAD	Educ	EM	S I
Adams, Daisy C., B.S.	Mineral Springs, Ark.	LIB	LibSci	1	S
Adams, Elizabeth Jane	Macomb	LAS	Genl	So	I II
Adams, Elmo Delbert	Forest Park	UGRAD		EM	II
Adams, Harry L., B.Ed.	Normal	GRAD	Educ	U	S
Adams, Joyce Elizabeth	Effingham	LAS	DGS	Fr	I II
Adams, Katherine Cecelia	Riverton	UGRAD		EM	I
Adams, Leeman Alden	East St. Louis	LAS	Genl	Jr	II
Adams, Lucile	Urbana	FAA	Art	Fr	S
Adams, Lula Margaret	Springfield	AGR	HEcon	Sr	S I II
Adams, Mary Ladd	Urbana	LAS	Genl	So	I
Adams, Wilbur Leslie, Jr.	Mt. Vernon	COM	LD	So	I
Adams, William Elmer, A.B.	Camp Point	GRAD	Educ	U	S
Adams, Willis Junior	Elmora, Ind.	LAS	Genl	Jr	I II
Adamson, Thomas Edward	Evanston	UGRAD		EM	II
Adcock, Jean Marie	Cameron	COM	UD	Sr	S I II
Addis, Frank Raymond	Toulon	LAS	Genl	Fr	II
Adel, June Claire	Chicago	LAS	Genl	Fr	I
Adelberg, Arthur James	Chicago	LAS	PMed	Fr	I
Adelman, Marilyn Sue	Chicago	LAS	Genl	So	I
Adescko, George Andro	Chicago	ENG	Genl	Fr	II
Adkisson, Robert Allen	Smithshire	ENG	Genl	Fr	I II
Adolphson, Svea Mathilda	Edgerton, Wis.			Unc	S
Afremow, Blossom Shirley	Chicago	LAS	Genl	Sr	I II
Africk, Dorothy	Chicago	Loth	PMed	Fr	II
Agase, Louis	Evanston	PE	PE	Fr	I II
Agatstein, Joy Warren	Clayton, Mo.	COM	LD	Fr	I
Ager, Ronald Edward	Chicago	LAS	PMed	Fr	II
Agneberg, Mathilde Johnson, B.S.	Minneapolis, Minn.	MED	EOccTher	Irr	I W
Agnew, Harriet Elizabeth	Ogden	FAA	Mus	So	S
Agnew, Marion Louise	Ogden	LAS	Genl	So	I II
Agostine, Ronald	Sioux City, Iowa	LAS	Genl	Fr	I II
Agron, Issar Michael	Chicago	MED	Med	4	Sp S F W
Aguilar, Phibio S., Ph.C.	Guatemala, Central America	GRAD	Chem	U	S
Ahern, Robert Eugene	West Haven, Conn.	ENG	MetE	Sr	S I II
Aiassi, Christina Katherine, B.Ed.	Murphysboro	GRAD	Educ	EM	I II
Aidem, Mildred Gertrude	Chicago	LAS	Genl	Fr	II
Aiello, Santo Sam	Chicago	UGRAD		EM	II
Aihara, Henry K.	Poston, Ariz.	LAS	Genl	Fr	I II
Aiken, C. F.	Springfield	UGRAD		EM	I
Aimone, John Albert, B.S.	Berwyn	MED	Med	4	Sp S F W
Akagi, Minoru	Hunt, Idaho	LAS	Chem	Jr	II
Aksel, Ali, B.S.	Istanbul, Turkey	GRAD	CE	U	S I II
Albano, Frank Joseph	Chicago	LAS	ChEng	Fr	II
Albaum, Morris	Chicago	LAS	Genl	Fr	I
Albeldo, Beto Solomon, A.B., B.S.	Sofia, Bulgaria	GRAD	Math	U	S I II
Alberg, Arthur William	Lombard	ENG	EE	So	S I II
Albers, Luree, B.S.	LaMonte, Mo.	GRAD	Educ	EM	I II
Albert, Ada Laura, B.S.	Illioipolis	GRAD	Educ	EM	II
Albertini, Robert Andrew	Staunton	ENG	CE	Fr	I
Alberts, Joseph Ortan, B.S., M.S.	Champaign	GRAD	AnPath	U	I II
Albertson, Lois Jean	Chicago	LAS	Jnl	Fr	I II
Albrecht, Arthur Joseph, A.B.	Tiskilwa	FAA	Mus	Irr	S

Albrecht, Esther, A.B., A.M.	Tiskilwa	GRAD	Engl	U	S				
Albrecht, Miriam Jean	Tiskilwa	LAS	Genl	Jr	S	I	II		
Albrecht, Paul Gilbert, B.S.	Ohio	AGR	Genl	Irr		I			
Albright, Mary Helen	Owaneco	COM	UD	Jr	S	I	II		
Alby, Charlotte Ruth	Decatur	LAS	DGS	So		I	II		
Alcock, Margaret Katherine	Chicago	LAS	Genl	Fr		I	II		
Alcorn, Robert	Champaign	LAS	Genl	Fr			II		
Alde, Jean	Pana	AGR	HEcon	Fr			II		
Alden, Richard Ray	Rockford	ENG	Genl	Sr			II		
Alderson, Raymond Harold	Girard	AGR	Voc	So			I	II	
Alessio, Louis Alfred	Berwyn	DENT	Dent	3	Sp	S	F	W	
Alexander, Esther	Chicago	LAS	Genl	Fr				II	
Alexander, Helen Jeanette	Chicago	FAA	Arch	Fr			I	II	
Alexander, Merrill Jersey	Urbana	MED	Med	2	Sp	S	F	W	
Alexander, Merton Jersey	Urbana	MED	Med	2	Sp	S	F	W	
Alexander, Raymond Arthur	Carterville	MED	Med	3	Sp	S	F	W	
Alexander, Thelma Aileen	White Heath	AGR	HEcon	Fr			I	II	
Alexander, Wyvona Belle, A.B., A.M.	Drumright, Okla.	GRAD	Chem	U			I	II	
Alford, Lillian Willene	Urbana	COM	LD	Fr		S	I		
Algeo, Charles Baxter	Chicago	EDUC	InEduc	Sr			I	II	
Alkire, Sydney Edward, B.Ed., A.M.	Griggsville	GRAD	Educ	EM		S	I		
Allan, Donald S.	Needham, Mass.	UGRAD		EM			I	II	
Allard, Mary Ellen	Vienna	AGR	HEcon	Sr		S	I	II	
Allbritton, Clarence	Chicago	LAS	Genl	Fr			I		
Allegan, Rena Faye	Chicago	LAS	Genl	Fr				II	
Allen, Billie Jean	Pekin	LAS	PMed	Fr			I	II	
Allen, Charles	Chicago	LAS	Genl	Fr			I		
Allen, Charles Moore, B.S., B.S., M.S.	Urbana	GRAD	Educ	U		S			
Allen, Clara Estella	East St. Louis	LAS	Genl	Fr			I	II	
Allen, Clifford Harry	Rockford	ENG	ME	Sr			I	II	
Allen, Dellora	Chicago	AGR	HEcon	Jr			I	II	
Allen, Elizabeth Lee Pigott	Decatur			Unc		S			
Allen, Fred Ward, B.S.	Rutherford, N.J.	MED	Med	4	Sp	S	F		
Allen, Herman Rollin	Decatur	LAS	DGS	Fr			I	II	
Allen, John Henry	Urbana	ENG	ME	So		S			
Allen, John Phillip, B.Ed., A.M.	Lincoln	GRAD	Educ	U		S			
Allen, John Raymond	Oak Park	LAS	PMed	Fr		S			
Allen, Mary Anne	Springfield	LAS	Genl	Jr			I	II	
Allen, Mary Jean	East Moline	LAS	DGS	Sr			I	II	
Allen, Richard Reed	La Grange	MED	Med	2	Sp	S	F	W	
Allen, Robert Marion, A.B.	Urbana	GRAD	PE	U		S	I	II	
Allen, Ruth	Green Valley	AGR	HEcon	Fr			I		
Allen, Ruth Volz, B.Ed.	Urbana	GRAD	Educ	U		S			
Allen, William Weirich	Palestine	LAS	PMed	Fr			I	II	
Allexan, John Richard	Waukegan	LAS	Genl	Fr		S	I		
Allison, Arthur Wendell, A.B.	Alvin	ENG	Genl	Irr		S	I	II	
Allison, Helen MacDillon Turner, B.S.	Sadorus	EDUC	Genl	Irr		S	I	II	
Allison, Lloyd John	Broadway	UGRAD		EM			I	II	
Allison, Margery	Champaign	LAS	Genl	Jr			I		
Allison, Robert Henry	Flat Rock	LAS	PMed	So		S			
Allison, Wilmgene	Taylorville	JNL	Jnl	Sr			I	II	
Allman, John H.	Houston, Tex.	UGRAD		EM			I	II	
Allmon, Charlesetta, A.B.	St. Louis, Mo.	GRAD	Educ	EM			I		
Allured, Janet Elizabeth, A.B.	Holly, Mich.	MED	EocCTher	Irr			I	W	
Alpern, Charles	Chicago	MED	Med	3	Sp	S	F	W	
Alpert, Gilbert E.	Chicago	PHARM	Pharm	3		S	F	W	
Alpert, Jean	Hoopeston	FAA	Mus	So		S	I	II	
Alt, Katherine Schrouf	Hillsboro	FAA	Mus	So		S	I	II	
Altay, Sakip Mehmet, B.S.	Champaign	GRAD	CE	U		S	I	II	
Altman, Alvin Seymour	Chicago	DENT	Dent	3	Sp	S	F	W	
Altman, George Laurence, B.S.	Chicago	MED	Med	4	Sp	S	F	W	
Altpeter, Betty Jane	La Grange	LAS	Genl	Fr			I	II	
Altschul, Sol, B.S.	Chicago	MED	Med	3	Sp	S	F	W	
Altschul, Ruth	Chicago	LAS	Genl	Sr			I	II	
Alvarez, Raul Gonzalez	Brownsville, Tex.	UGRAD		EM			I	II	
Alver, Robert John	Chicago	ENG	ME	Fr			I	II	
Alverson, Jean Elise	Moweaqua	LAS	Genl	Fr			I	II	
Alverson, Lyle Gene	Danville	AGR	Genl	Fr			I	II	
Alvo, Syril S.	Chicago	LAS	PJnl	So			I	II	
Amacher, Leona Bernice	Decatur	LAS	Genl	So			I	II	
Amado, David Edgardo	Panama City, Panama	COM	LD	Fr			I	II	
Amberg, Eva Lou	Danvers	FAA	Mus	Fr			I	II	
Amidon, George M.	Evanston	UGRAD		EM			I	II	
AmRhein, Anthony Wendolin	Greensburg, Ind.	UGRAD		EM			I	II	
Anda, Howard Andrew	Chicago	UGRAD		EM			I	II	
Andel, John Hale	Chicago	JNL	EJnl	Fr			I	II	
Ander, Betty Jean	Batavia	LAS	Genl	Sr			I	II	
Anderegg, Richard Lang, B.S.	Grandin, N.Dak.	MED	Med	4	Sp	S	F	W	
Anderlik, Robert Emil	Waukegan	LAS	ChEng	Fr			I	II	
Andersen, Frances Elizabeth	LAS	HEcon	Fr				I	II	
Andersen, Lila Mae	Nameoki	LAS	LD	So			I	II	
Andersland, Louise Sophie, B.S.	Sycamore	COM	LD	So			I	II	
Anderson, Barbara Jean	Emmons, Minn.	LAS	EocCTher	Irr			I	II	
Anderson, Bernice Rose	Homewood	LAS	Genl	Fr			I	II	
Anderson, Carl Truman	Evanston	PE	PE	Sr			I	II	
	Chicago	UGRAD		EM			I	II	

Anderson, Carolyn	Danville	LAS	Genl	So		I	II
Anderson, Charles David	Springfield	UGRAD		EM		I	
Anderson, Charles Edward	Corning, N.Y.	UGRAD		EM			II
Anderson, Charles Edward, Jr.	Bessemer, Mich.	MED	Med	1			W
Anderson, Dorothy Corrine	Chicago	LAS	Genl	Jr	S	I	II
Anderson, Eric Bertil	Chicago	UGRAD		EM			II
Anderson, Frank Edward	Evanston	LAS	PLaw	Fr		I	
Anderson, Gertrude Ruth	Brookfield	FAA	Art	So			II
Anderson, Grace Louise	Granville	AGR	HEcon	So		I	II
Anderson, Harold LeRoy	Kankakee	LAS	Genl	Fr			II
Anderson, Helen Louise	Chicago	LAS	Genl	Fr		I	II
Anderson, Helen Lucille	Chicago	LAS	Genl	Fr		I	II
Anderson, Jack Rae	Canton	LAS	DGS	So			I
Anderson, Jane Frank	Oak Park	LAS	Genl	So	S		I
Anderson, Jean, A.B.	Eustis, Fla.	GRAD	Anat	C	S		
Anderson, John Edward	Rockford	ENG	ME	Jr			I II
Anderson, John William	Akron, Ohio	UGRAD		EM			II
Anderson, Joseph Henry	Chicago	COM	LD	Fr		I	
Anderson, Judith John	Carlinville	LAS	Genl	Sr		I	II
Anderson, Laverne Elvira	Tinlin Park	LAS	PMed	Fr		I	II
Anderson, LaVerne Eric, A.B.	Rockford	LAW	Law	2		I	II
Anderson, Leonard Walter	Chicago	LAS	Genl	Jr		I	II
Anderson, Margaret Helen	Arthur	FAA	Art	So		I	II
Anderson, Margaret LuElla, A.B., A.M.	Mt. Vernon	GRAD	Educ	U	S	I	II
Anderson, Marilyn Elaine	Rock Island	LAS	Genl	Fr		I	II
Anderson, Mary Agnes	Milford	AGR	HEcon	Fr		I	II
Anderson, Mary Sylvia	Stewardson	FAA	Mus	So		I	II
Anderson, Melvin Ross, A.B., M.S.	Urbana	GRAD	Educ	U	S	I	II
Anderson, Norma Schafer	Port Byron	LAS	Genl	So		I	II
Anderson, Phyllis Claire	Springfield	LAS	OccTher	Jr	S		I
Anderson, Phyllis Marie	Kempton	LAS	Genl	Fr		I	II
Anderson, Shirley Lorraine	Chicago	COM	LD	So		I	II
Anderson, Theodore W.	Winnetka	UGRAD		EM			II
Anderson, Thomas Herschel	Farmington	LAS	Genl	Fr		I	
Anderson, William Theodore	Chicago	ENG	ME	Fr	S	I	II
Anderson, Wilma Jean	Homer	LAS	Genl	Fr		I	II
Andich, Carol B.	Rock Island	LAS	Genl	So	S	I	II
Andrew, Henry Robert	Chicago	PE	PE	Fr		I	II
Andrew, Lila Margaret	Manhattan	EDUC	Genl	Sr	S		
Andrew, Russell, A.B.	Palmyra	GRAD	Educ	U	S		
Andrews, Alice Elizabeth	Champaign	LAS	Genl	Sr		I	II
Andrews, Avonne Lucretia	Champaign	COM	UD	Sr	S	I	II
Andrews, Betty Lee	Fairfield	LAS	Genl	Fr		I	II
Andrews, Clifford Martin	Champaign	GRAD	CerE	U	S	I	II
Andrews, George James	Chicago	LAS	Genl	Fr		I	II
Andrews, Ira Robert	Oak Park	LAS	PMed	So		I	II
Andrews, Joy Almira	Rutland	LAS	PMed	Fr		I	II
Andrews, Marcella Ruth	Chicago	DGS	Fr	Fr		I	II
Andrews, Norma Jean	Greenville	JNL	Jnl	Sr		I	II
Andrews, Rowena M.	Greenville	EDUC	Genl	1	S	I	II
Andrews, Virginia Marie	Chicago	PE	PE	Jr		I	II
Andrews, William Jay	Oak Park	MED	Med	2	Sp	S	F W
Angoli, Margaret Mary, B.S.	Chicago	GRAD	Educ	EM			II
Angus, Barbara Jeannette	Chicago Heights	LAS	Genl	So		I	II
Ankeny, Betty Jane	Lincoln, Nebr.	LAS	Genl	Unc			II
Annan, Eunice Ruth	Cleveland Heights, Ohio	LAS	Genl	So		I	II
Annegers, Barbara Louise	Galesburg	LAS	Genl	Fr		I	II
Annegers, Vida F., B.Ed.	Stronghurst	GRAD	SocSci	U	S		
Antes, Ruth Marie	Chicago	LAS	Genl	Sr		I	II
Anthofer, Irmgard	Chicago	EDUC	Genl	S	I		
Anthony, Eva Germain, B.Ed.	Wyanet	GRAD	Educ	EM		I	II
Anthony, Helen	Champaign	LAS	Genl	Fr		I	II
Antwiel, Shirley Bernice	Ft. Worth, Tex.	LAS	Genl	Fr		I	
Apblett, Maxine Lorene	Springfield	LAS	Genl	Fr		I	II
Aplington, James Burton, B.S.	La Salle	MED	Med	4	Sp	S	F W
Apoyan, Alice Virginia	Oak Park	LAS	Genl	So		I	II
Appa, Madlyne Leah, A.B.	Chicago	LAS	Genl	Sr	S		
Appael, Harold	Chicago	LAS	Genl	Fr		I	
Appel, Norma Ann	Chicago	PE	PE	So		I	II
Appelle, Suzanne	Champaign	LAS	DGS	Fr		I	II
Apple, James Wilbur, B.S., M.S.	Champaign	GRAD	Entom	U		I	II
Apple, Ralph Eugene	Elgin	LAS	DGS	Fr		I	II
Appleby, Clarence, A.B.	Lake Forest	GRAD	Educ	U		I	
Arai, Tsutomu Glenn	Manzanar, Calif.	FAA	Arch	Fr		I	II
Aral, Mehmet Macit, B.S.	Usak, Turkey	GRAD	MetE	U	S	I	II
Aram, Hartley Herrick, A.B., M.S.	Evanston	MED	Med	3	Sp	S	F W
Archer, Jean Louise	Sandoval	AGR	HEcon	So		I	II
Ardern, Esther May	Clinton	LAS	PMed	Fr		I	II
Arenson, Leona Iris	Chicago	LAS	Genl	Fr		I	II
Argabrite, John William, B.S., M.S.	Watertown, S.Dak.	MED	Med	4	Sp	S	F W
Argenbright, Mary Alicia	Blandinsville	LAS	HEcon	Jr		I	II
Argenbright, Zella Blanche	Blandinsville	LAS	OccTher	Fr		I	II
Argianas, Deloris Louise	Cicero	EDUC	Genl	Sr		I	II
Ariagno, Paul Richard	Joliet	MED	Med	2	Sp	S	F W
Ariola, Sam Anthony	Melrose Park	LAS	Genl	Fr		I	II

Armitage, Janice Eileen	Morrisonville	AGR	HEcon	So	S	I	II
Armour, Shirley Anne	Kewanee	LAS	Genl	Jr			I II
Armstrong, Alice Pryor	Metropolis	COM	LD	Fr			I II
Armstrong, Bill Howard	Peoria	FAA	Arch	Fr			II
Armstrong, Martha Belle Collier	Homewood	LAS	Genl	Jr			I II
Armstrong, Mary Anne	Salem	LAS	Genl	Fr			I II
Armstrong, Mary Kathryn	Henry	AGR	HEcon	So	S	I	II
Armstrong, Thomas Robert	Champaign	ENG	EE	Fr			I II
Arneson, Donald Hueston	Park Ridge	FAA	Art	Fr			I
Arnett, Henry Dilgardt, A.B., M.S.	Champaign	GRAD	Physics	U	S	I	II
Arnett, Vitold, A.B., A.M., Ph.D.	Boston, Mass.	MED	Med	4	Sp	S	F W
Arnish, Phyllis Ann	Chicago	LAS	Genl	Fr			II
Arnold, Carswella Jean	Hillview	LAS	Genl	So			I II
Arnold, David Scott	Findlay, Ohio	UGRAD		EM			I
Arnold, Elizabeth Allen	Alta	AGR	HEcon	Sr			II
Arnold, John Herbert, Jr.	Upper Montclair, N.J.	UGRAD		EM			II
Arnold, Marian Ruth	Carbondale	AGR	HEcon	Sr			I II
Arnold, Rita Irene	Macomb	LAS	Genl	Fr			I II
Arnold, Robert Anthony	Chicago	DENT	Dent	2	Sp	S	F W
Arnold, Robert Paul	Chicago	LAS	DGS	Fr			I II
Arntzen, Etta Mae	Serena	COM	UD	Sr			S I
Arntzen, Mary Henrietta, B.Ed., B.S.	Serena	GRAD	LibSci	U	S	I	II
Arpee, Edward	Lake Forest	GRAD	Educ	EM			I
Arriis, Russell Ralph, B.S.	Chicago	GRAD	Educ	U			II
Arthur, Ruth Ann	Yonkers, N.Y.	LAS	Genl	So			I II
Artman, Pauline Tucker, A.B.	Metropolis	GRAD	Hist	U	S		
Artz, Lloyd Charles, A.B.	Galesburg	GRAD	Engl	U			II
Arvetis, Chris John	Chicago	FAA	Art	So			I II
Asch, Martin	Chicago	LAS	PMed	So			I II
Ascher, LaVerne Bobette	Chicago	LAS	Genl	So			I II
Ascherman, Gerald Morton	Chicago	DENT	Dent	2	Sp	S	F W
Ascherman, Joan Lucille	Chicago	LAS	Genl	So			I II
Ascherman, John Calvin, B.S.	Lovington	GRAD	CE	U	S	I	II
Ascherman, Norman Russell	Lake Bluff	LAS	PMed	So			I II
Ascherman, Ruby Jeannette	Robinson	LAS	Genl	Jr			II
Ascherman, Stanford Warren	Chicago	PHARM	Pharm	1			S F
Asgeirsson, Haraldur, B.S.	Onundarfjordur, Iceland	GRAD	CerE	U	S	I	II
Ash, Joseph	Chicago	LAS	PMed	Jr			I II
Ash, Mildred	Fort Dodge, Iowa	MED	Med	1	S		W
Ashby, Jane Louise	Catlin	AGR	HEcon	Fr			I II
Ashby, Robert Dean	Catlin	DSSWV		Fr			I II
Ashford, John Donald	Santa Monica, Calif.	LAS	Genl	Fr			II
Ashford, Robert Sidney	Washington, D.C.	UGRAD		EM			II
Ashley, Frank John, B.M.	Cicero	MED	Med	4	Sp	S	F
Asper, Constance Jean	Chicago	LAS	Genl	Fr			I II
Atchison, Jean	Elmhurst	LAS	Genl	Jr			I II
Ater, Betty Joyce	Warrensburg	PE	PE	Fr			I II
Atherton, Leon George	Peoria	MED	Med	3	Sp	S	F W
Atkins, Lorraine Shirley	Chicago	AGR	HEcon	Fr			I II
Atkins, Robert Alan, B.S.	Sumner	MED	Med	4	Sp	S	F W
Atkinson, Barbara Jean	Champaign	LAS	Genl	Jr			I II
Atlas, Gerald Donald, A.B.	Chicago	MED	Med	4	Sp	S	F
Atlas, Kasim Abdulnofi, B.S.	Istanbul, Turkey	GRAD	CE	U	S	I	II
Ator, Jo Ann	Griggsville	LAS	Genl	Fr			I II
Attebery, Ellen Jane	East St. Louis	FAA	Art	Jr			I II
Attebery, Mary Ellen	Hillsboro	LAS	Chem	Jr			I II
Attebery, Patricia Jeanne	Chicago	LAS	Genl	Jr			I II
Attey, Beatrice Marie, B.S.	Belleville	LIB	LibSci	1	S		
Attig, Dorothy Mies	Pontiac	AGR	HEcon	Sr			I II
Attis, Russell Ralph	Chicago	PE	PE	Sr			S I
Atwater, Virginia Flo	Wheaton	LAS	Genl	Fr			I II
Atzenhoffer, Phyllis Jane	Northbrook	GRAD	Psychol	U	S	I	II
Aub, Catherine Jeanne	Cleveland Heights, Ohio	LAS	Genl	Fr			I II
Aubineau, Jeanne Marie	Kenilworth	LAS	Genl	Sr			I II
Auer, Janet Clair	St. Louis, Mo.	JNL	EJnl	Fr			I II
Auerbach, Helen Mae	Chicago	LAS	Genl	Sr			I II
Auerbach, Stanley Irving	Chicago	LAS	Genl	Jr			II
Auerbach, Thomas Malcolm	Chicago	MED	Med	2	Sp	S	F W
Augello, Gaspare Michael, B.S.	New York, N.Y.	DENT	Dent	4	S		
Augustine, Chester Lewis	Kenosha, Wis.	ENG	CE	Fr			II
Augustine, Orville Edward	Decatur	ENG	ME	Jr	S	I	II
Anslander, Milton M., M.D.	Lancaster, Pa.	MED	Otolaryn	PG	S		
Austin, Ann	Urbana	LAS	Genl	Fr			I II
Austin, Donald Guy	Chicago	ENG	EE	So			I II
Austin, Elizabeth Anne	Louisville, Ky.	LAS	Genl	Fr			I II
Austin, Theodore Roosevelt	Chicago	PE	PE	So	S	I	II
Austin, Warren William	Mendota	LAS	Genl	So			I
Auten, Donald S., B.S.	Ok Park	MED	Med	4	Sp	S	F
Avedisian, Armen George	Elmhurst	ENG	CE	So			II
Avergin, Anna Constantine	Chicago	LAS	Genl	Fr			I
Axelrod, Isabelle	Chicago	LAS	Genl	Fr			I II
Axelson, Melvin Werner	Chicago	UGRAD		EM			II
Aye, Florence Margaret, B.Ed.	Champaign	GRAD	Educ	U			I II
Ayers, Esther Mary, B.Ed.	Anna	GRAD	Hist	U	S		

Ayers, Mary Brandenburg, A.B.	Bement	LAS	Genl	Sr	S	
Babb, Herbert Eugene, A.B.	Atlanta, Ga.	MED	Med	1		W
Babb, Martha Byne	Bondville	LAS	Genl	Jr		I II
Babcock, Mary Ella	Waterman	LAS	Genl	So		I II
Babcock, Murray Lewis	Peoria	ENG	EE	U		I II
Babicz, Irene M., B.S.	Chicago	GRAD	Chem	U	S	I II
Bach, Anna Marie Elizabeth, B.Ed., A.M.	La Salle	GRAD	Educ	EM		I
Bach, Emma Louise, A.B., A.M.	Carbondale	GRAD	Educ	EM		I
Bachar, Steven William, B.S.	Eilmwood Park	LAS	Genl	Sr	S	I II
Bachman, Eileen	Milwaukee, Wis.	LAS	Genl	Fr		I II
Bachman, Peggy Jean	Champaign	LAS	Genl	Jr		I II
Bachman, Robert Miles	Buchanan, Mich.	PE	PE	Fr		I
Back, Billie Lee	Belleville	LAS	Genl	So		I II
Backlund, Hannah Sophia, A.B., A.M.	Mullan, Idaho	GRAD	Span	U		I II
Bacon, Emily Marie	Champaign	LAS	Genl	Fr		I II
Badal, Paul	Evanston	UGRAD		EM		I II
Bade, Elmer Richard	Kankakee	LAS	PMed	Jr	S	I
Badeau, Arthur L.	Kirkwood, Mo.	GRAD	French	U	S	
Baechtold, Christie Ann	Collinsville	LAS	Genl	Jr		I II
Baer, Edward Francis	Chicago	UGRAD		EM		I II
Baggett, Joseph Eugene Finis	East St. Louis	ENG	EE	Fr		I II
Bagley, Richard William	Detroit, Mich.	LAS	Chem	Fr		I II
Bahcall, Miriam	Maywood	LAS	Genl	Fr		I II
Bahcall, Ruth	Maywood	EDUC	Genl	Sr		I II
Bailey, Albert Reid	Hollywood, Calif.	UGRAD		EM		I II
Bailey, Arlene Clara	Danville	LAS	Genl	Jr		I II
Bailey, Betty Ann, A.B.	Decatur	GRAD	Chem	U	S	I II
Bailey, Doris Marie	Chicago	LAW	Law	1	S	I II
Bailey, Eleanor Louise	Rockford	LAS	Genl	Fr		I II
Bailey, Frances Willard	Springfield	UGRAD		EM		I II
Bailey, Helen	Baltimore, Md.	LAS	PJnl	So		I II
Bailey, Isadore Donald	Chicago	COM	LD	Fr		I II
Bailey, James Marvin, B.S.	Alton	GRAD	Educ	EM		I II
Bailey, John J., B.S.	Rockford	MED	Med	4	Sp S	F W
Bailey, Percival Owen	Portland, Me.	UGRAD		EM		I II
Bailey, William John, A.B.	Walker, Minn.	GRAD	Chem	U	S	I II
Bajnter, Mary Ellen	Macomb	LAS	DGS	Fr		I II
Bair, George Willard, A.B.	New Middletown, Ohio	MED	Med	4	Sp S	F W
Bair, Nona Florence, B.Ed.	Normal	GRAD	Educ	EM	S	I II
Baird, Betty Ann	Ridgefarm	PE	PE	Fr		I II
Bajak, Jo Ann Adeline	Chicago	AGR	HEcon	So		I II
Baker, Anna Frances	Urbana	LAS	OccTher	So		I II
Baker, Bernice Virginia	Heyworth	FAA	Mus	Fr		I II
Baker, Caroline Anne	Robinson	LAS	Genl	Fr		I II
Baker, Frances Lucille	Kankakee	LAS	DGS	So		I II
Baker, George Taft, B.Ed.	Carterville	GRAD	Educ	EM		I II
Baker, Georgiana	Greenville	LAS	Genl	Fr		I II
Baker, Harriet Anne	Heyworth	AGR	HEcon	Sr		I II
Baker, Harriet Patricia	Chicago	LAS	Genl	Fr		I II
Baker, Indimium Daniel, B.S., M.S.	Melvin	GRAD	Educ	U		I II
Baker, Joan Gretchen	Chrisman	FAA	Art	So		I II
Baker, Lael Jeanne	Urbana	LAS	Genl	So		I
Baker, Lester, B.S.	Chicago	MED	Med	4	Sp S	F W
Baker, Margaret Lee	Decatur	LAS	Genl	Sr		I II
Baker, Patsy Louise	Nashville, Tenn.	FAA	LArch	Fr		I II
Baker, Paul Lester	Chicago	MED	Med	2	Sp S	F W
Baker, Robert Byron	Danville	COM	LD	Fr	S	I
Baker, Robert Warren	Chicago	COM	LD	Fr		I
Baker, Robert Whitney, A.B., B.S.	Chicago	MED	Med	4	Sp S	F W
Baker, Ruth Elaine	Metropolis	AGR	HEcon	Jr		I
Baker, Vivian Lome	Chicago	LAS	PMed	Jr		I II
Bakke, Betty Jane	Chicago	LAS	Genl	Fr		I
Baldry, Joan	Astoria	LAS	Genl	So		I II
Baldwin, Delphine	Genoa	LAS	Genl	Fr		I II
Baldwin, Elisabeth Grace	Urbana	FAA	Arch	Sr		I II
Baldwin, Kenneth William, Jr.	Columbia, S.C.	UGRAD		EM		I II
Baldwin, Ruth Marie, A.B., B.S.	Urbana	GRAD	LibSci	U		I II
Bale, Ethel Mae	Glenarm	FAA	ArtEduc	So		I II
Ball, Merideth Evelyn	Peoria	FAA	Art	Fr		I II
Ball, Richard William, A.B.	Cairo	GRAD	Math	U		I II
Ballinger, Marjorie Ann	Decatur	COM	LD	Fr		I II
Ballis, Mayta Fern	Chicago	LAS	Genl	So	S	I
Ballis, Ruby	Chicago	LAS	Genl	So		I II
Balter, Bernard	Chicago	DENT	Dent	2	Sp S	
Balter, Betty Gertrude	Chicago	LAS	Genl	Sr		I II
Banchy, Mike Albert	Gary, Ind.	PE	PE	Fr		I II
Bancks, Howard Raymond, B.S., M.D.	Portsmouth, Va.	MED	Otolaryn	PG		F
Bandy, Darrell Dean	Duluth, Minn.	UGRAD		EM		II
Bandy, Dorothy Marguerite, B.Ed.	White Hall	GRAD	Latin	U	S	
Bangert, Charles Werner, A.B.	Quincy	GRAD	Educ	EM		II
Bangert, June Audrey	Wood River	FAA	Mus	Jr		I II
Banister, Nadine Christina, A.B., B.S.	Urbana	GRAD	Bact	U	S	I II
Banks, Carroll Wayne	Findlay	COM	UD	Jr		I II
Banner, Marolyn Genevieve	Dewey	FAA	Mus	Fr		I II
Banner, Morris Harold, B.S.	Buffalo	GRAD	Educ	U	S	
Bannister, Marcia Jean	De Kalb	AGR	HEcon	Fr		I II

Bannon, Margaret Theresa	Joliet	COM	UD	Sr	I	II
Bannon, Robert Patrick	Joliet	LAS	ChEng	Fr		II
Banspach, Conrad, Jr.	San Antonio, Tex.	UGRAD		EM		II
Bantz, Lulu Kathryn	Champaign	FAA	Art	Fr	I	
Bantz, Marguerite Shutt	Fithian	EDUC	Genl	Jr	S	
Bantz, Norma Jean	Covington, Ind.	PE	PE	Fr	I	II
Baran, Peter	Chicago	LAS	Genl	Fr	S	I
Baranowski, Leo Francis, B.S.	Chicago	DENT	Dent	4	Sp	S F
Barbee, Ruth	Waggoner	EDUC	Genl	Jr		II
Barber, Beverly Alberta	Neoga	LAS	Genl	Fr		I II
Barber, Mary Lou	Springfield	LAS	Genl	So		I II
Barbojak, Mary	Riverside	LAS	Genl	So		II
Barbre, Norris Hugh, B.S.	Rockfield, Ky.	GRAD	Physics	U		II
Barclay, Paul Seitz, B.S.	Moline	DENT	Dent	4	Sp	S I
Barcus, Francis Earle	Champaign	FAA	Mus	Fr		II
Barcy, Irene Marie	Elmhurst	LAS	Genl	Sr		I II
Bard, Marguerite Lillian	Maywood	LAS	Genl	So		I II
Bardolph, Grace Veldman	Chicago	LAS	Genl	Fr	S	I II
Barfknecht, Eileen Jane	Joliet	LAS	PJnl	Fr		I II
Bargh, George Halbrook, Jr.	LAS	PLaw	Fr		I	II
Barkauskas, Edmund P.	Kinmundy	PHARM	Pharm	2	S	
Barkemeier, Vivian Eileen	St. Louis, Mo.	LAS	Genl	Fr		II
Barksdale, Elisha Whitney	Fort Worth, Tex.	UGRAD	EM			II
Barland, Florence Gertrude	Waukegan	COM	LD	So		II
Barnard, Donald Max	Geff	MED	Med	2	Sp	S F W
Barnes, Audrey Jane	Chicago	LAS	Genl	Jr		I II
Barnes, Gerald Wright	Little Rock, Ark.	LAS	Chem	Jr		I II
Barnes, Mary Elizabeth, B.S.	Champaign	GRAD	Geol	U		I II
Barnes, Mary Louise Fry, A.B.	Hersman	LAS	HEcon	Irr		II
Barnes, Richard Oliver, B.S.	Chicago	MED	Med	4	Sp	S F
Barnett, Elizabeth Jean	White Hall	LAS	Genl	Sr	S	I II
Barnett, LaVerne	Equality	LAS	Genl	Sr		I II
Barnett, Marian Louise	Champaign	LAS	DGS	So		II
Barnett, Ruth Marilyn	Chicago	LAS	Genl	So		I II
Barney, Dorothy Virginia	Evanston	LAS	Genl	Sr		I II
Barnfield, William Fuller, D.D.S., M.S.	Quincy	GRAD	Path	C		F W
Barnhart, Carl Ivan	Streator	ENG	ME	Fr		I
Barnwell, Shirley Mae	Elgin	PHARM	Pharm	1		W
Baron, Byrna Muriel	Chicago	LAS	Genl	Fr		I II
Baron, Evelyn Clair	Chicago	LAS	Genl	Jr		I II
Barr, Alta Ferne	Mahomet	LAS	Genl	Fr		I II
Barr, Clarence Crawford, B.Ed.	Gardner	GRAD	Educ	U	S	I
Barr, Miriam Marie	Beason	LAS	DGS	So		I II
Barrer, Marian Lois	Springfield	LAS	Genl	Fr		I
Barrett, Caroline Ambler	Washington, D.C.	FAA	Arch	So		I II
Barrett, Margaret Frances	Chicago	LAS	Genl	Fr		I II
Barron, Edgar Gordon, B.S.	Urbana	GRAD	CE	U	S	I II
Barrow, Joseph Merton	New York, N.Y.	FAA	Arch	Sr	S	I II
Barry, Lester Burrage	St. Louis, Mo.	ENG	EE	Sr		S I
Barta, Judith Lachenbruch, B.S., M.S.	Urbana	GRAD	Educ	U	S	
Bartel, Janie Elizabeth	Sterling	AGR	HEcon	Jr	S	I II
Bartel, Mary Ann	Sterling	AGR	HEcon	Fr		I II
Bartels, Dorothy Helen	Chicago	MED	Med	3	Sp	S F W
Bartels, John Fred	Chicago	MED	Med	4	Sp	S F
Barthel, Mary Pauline	Pekin	COM	LD	Fr		I II
Barthel, Virginia Marion	Chicago	LAS	Genl	Sr	S	I II
Bartholomew, Helen, A.B., A.M.	Normal	GRAD	Educ	U	S	
Bartholomew, Sarah Jane	Chicago	AGR	HEcon	So		I
Bartholow, Otho Ford	Champaign	COM	LD	Fr		I II
Bartimus, Wilma	St. Elmo			Unc	S	
Bartley, Helen Marie	La Salle	FAA	Art	Jr		I II
Bartman, Fannie Mae, A.B., A.M.	New Holland	LAS	Genl	Irr	S	
Bartolain, Paul	Chicago	UGRAD		EM		II
Barton, Mildred Anne	Danville	LAS	Chem	Fr		I II
Barton, Patricia May	De Kalb	LAS	Genl	Fr		I II
Bartosch, Joseph William	Urbana	ENG	EE	Sr		I II
Bartosiewicz, Malvina Lottie	Chicago	LAS	Chem	Fr		I II
Bartoszek, Alice Eugenia	Chicago	LAS	Genl	Fr		I II
Bartusek, James Frank	Chicago	ENG	Genl	Fr	S	I
Bartz, Walter John, B.S.	Gibson City	GRAD	Educ	U		I II
Basile, Rudolph John	Chicago	LAS	Chem	Fr		I II
Baskal, Mehmet, B.S.	Kastamonu, Turkey	GRAD	MetE	U	S	I II
Baskin, Bernice Barbara	Chicago	LAS	Genl	Jr		I II
Basman, Sabahattin Ali, B.S.	Bursa, Turkey	GRAD	CE	U		I II
Bass, William Myron	Chicago	LAS	PLaw	Fr		I II
Bassi, Victor Anthony	Chicago	UGRAD		EM		II
Bast, Kenneth Lenz	Tallula	AGR	Genl	Fr		I
Bastien, Eugene Harold, B.S.	Vergennes	MED	Med	4	Sp	S F
Bastis, Aldona Valeria	Chicago	AGR	HEcon	Sr		I
Bastnagel, William Francis	Mt. Carmel	LAS	Genl	So	S	I
Batchelder, Richard	Portsmouth, N.H.	UGRAD		EM		II
Bateman, Vivian Isabell	Mansfield	LAS	Genl	Fr		I
Rates, Grace Elizabeth, B.S., M.S.	Rome, N.Y.	GRAD	Math	U		I II
Bates, Marteniza Yvonne, A.B.	St. Louis, Mo.	GRAD	Educ	EM	S	I
Bates, Myrle Meron, B.Ed.	Galesburg	GRAD	Educ	EM		I
Bates, Nellie Florence, A.B., M.S.	Champaign	EDUC	Genl	Irr		II

Bates, Robert Eugene, A.B., B.S.	Oak Park	DENT	Dent	4	Sp S F W
Bates, Robert Marcellus	Collinsville	COM	UD	Jr	II
Bator, Louise J.	Chicago	UGRAD	EM	Fr	II
Batt, Samuel Louis	Chicago	COM	LD	Fr	I
Battaglia, John Wesley	Belleville	COM	LD	Fr	S
Batten, Dorothy Anne	Oak Park	LAS	Genl	So	I
Battershell, Bernus Berry, B.S.	Shelbyville	GRAD	Educ	EM	I
Battershell, Billy Hubert	Henning	PE	PE	Fr	I II
Batton, James Harold	Franklin, Ind.	UGRAD	EM	Fr	II
Batts, John Walker	Mt. Vernon	PE	PE	Fr	I II
Bauer, Burton Paul	Chicago	LAS	Genl	Fr	II
Bauer, Edwin Earl	Rantoul	UGRAD	EM	Fr	II
Bauer, LeRoy John	Blue Island	ENG	Genl	Fr	I
Bauer, Robert Howard	Chicago	LAS	Genl	Fr	II
Bauer, Shirley Jane	Urbana	LAS	HEcon	Sr	I
Bauer, Virginia Amy	Urbana	JNL	Jnl	Jr	I II
Baugh, Oranelle Lewis	Beaumont, Tex.	LAS	Genl	Jr	S I II
Baugher, Mary Louise	Athens	AGR	HEcon	Jr	S I II
Baughman, Melva Florence	Edinburg	LAS	HEcon	So	S
Baujan, Mary Beth	Belleville	AGR	HEcon	Fr	I II
Baum, Geneva June	Canton	AGR	HEcon	So	I II
Baum, Margarete Augustre, B.Ed., A.M.	Aurora	GRAD	Engl	U	S II
Bauman, Robert Andrew, B.S.	Rochester, N.Y.	GRAD	Chem	U	S I II
Bauman, Stanley Merrill	Little Rock, Ark.	COM	UD	Jr	II
Bauske, Henry Christian	Chicago	UGRAD	EM	Fr	II
Baxter, Janice Dale	Downers Grove	LAS	DGS	So	I II
Baxter, Mary Carolyn	Clayton, Mo.	COM	UD	Sr	S
Baxter, Richard Lyman, A.B.	Peoria	GRAD	Educ	EM	I
Baycu, Orhan Mehmet, B.S., M.S.	Istanbul, Turkey	GRAD	SanE	U	I
Bayer, Josephine	Sparta	AGR	Genl	So	I
Bayer, Robert Oliver, B.S.	Wood River	GRAD	MetE	U	S I II
Bayles, Garrell M.	Pennville, Ind.	UGRAD	EM	Fr	II
Baylor, Winnie	Urbana	LAS	DGS	Jr	II
Baysinger, Jo Ann	Streator	LAS	DGS	Fr	I II
Beach, Kenneth Eugene	Jerseyville	LAS	PDent	So	S I II
Beall, Betty Jane	Princeville	AGR	HEcon	So	S
Beall, James Morfoot	Alton	COM	UD	Sr	II
Beals, Gene Cassal	Champaign	LAS	Genl	Fr	S
Bean, Jessie Aileen, B.S.	Oreana	GRAD	Educ	U	S
Bean, Margaret Edith	Hampshire	LAS	Genl	Fr	I II
Bean, Marjory Ruth	Urbana	COM	LD	So	I II
Beandry, Robert Bruce	Chicago	UGRAD	EM	Fr	II
Beane, Dorothy Jane	Danville	FAA	LArch	So	S I II
Beane, Winifred June, B.S.	Aurora	EDUC	Genl	Sr	S
Beard, Beverly, Jr.	New York, N.Y.	UGRAD	EM	Fr	II
Beard, Margaret Embry	Champaign	EDUC	Genl	Jr	I II
Beasley, Clifton David	Momence	DSSWV		Fr	I II
Beasley, Wanda Nadine	Fisher	LAS	Genl	Fr	I
Becharas, John	Evanston	PE	PE	So	II
Becher, Sheldon Wayne	Chicago	AGR	Genl	So	S
Bechly, Fred Lorin, B.S.	Urbana	ENG	EE	Sr	S
Beck, Donald Lee	Springfield	ENG	EE	Fr	S I II
Beck, Harry Albert	Chicago	UGRAD	EM	Fr	II
Beck, Karl Maurice, B.S.	Springfield	GRAD	Chem	U	S II
Beck, Lorraine Ruth	Chicago	LAS	Genl	Fr	I
Becker, Bernard Nathan	Chicago	LAS	PMed	Jr	S I II
Becker, Bruce Oliver	Chicago	LAS	PMed	Fr	I
Becker, Donald Eugene	Greenville	AGR	Genl	Sr	I II
Becker, Elmer Lewis, B.S., M.S.	Chicago	MED	Med	4	F W
Becker, Florence, B.S.	LeCenter, Minn.	MED	EOccTher	lrr	S F
Becker, Gratia Mae	Staunton	LAS	Genl	So	S I II
Becker, Helen Wynette	Sterling	PE	PE	So	I II
Becker, James Frederick	Glen Ellyn	ENG	EE	So	I II
Becker, Jerome	Chicago	COM	LD	Fr	I II
Becker, Robert David	Auom, S.Dak.	UGRAD	EM	Fr	II
Becker, Robert Jerome	Rock Island	MED	Med	2	Sp S F W
Becker, Samuel William, Jr.	Olympia Fields	MED	Med	2	Sp S F W
Becker, Sarajane Sherri	Chicago	LAS	Genl	Jr	I II
Becker, Walter	Chicago	LAS	Genl	Fr	I
Beckman, Barbara Jane	De Kalb	FAA	Art	Fr	I II
Bedell, Margot Nellie	Chicago	LAS	Genl	So	S I
Bedell, Mary Louise	Chicago	LAS	Genl	Jr	I II
Bederman, David	Chicago	ENG	Genl	Fr	I II
Bederman, Stuart Stanley, A.B., B.S.	Chicago	MED	Med	4	Sp S I II
Beechwood, Christian T., III	Clearfield, Utah	UGRAD	EM	Fr	II
Beem, Francis Harold	Chicago	ENG	Genl	Fr	II
Beers, Nora Irene	Sidell	LAS	Genl	So	II
Beers, Vivian Eleanor	Sidell	LAS	Genl	So	II
Beeter, George Henry	Chicago	UGRAD	EM	Fr	II
Beetz, Keuben	Chicago	MED	Med	3	Sp S F W
Beguesse, Edward Conway	Chicago	LAS	Genl	Fr	I II
Behling, William Herman	West Allis, Wis.	ENG	EE	Jr	S I II
Behnke, John Adolph	Bloomington	ENG	ME	So	S I II
Beidelman, Betty Jane	Naperville	AGR	HEcon	Sr	I II
Beider, Evelyn	Chicago	LAS	Genl	Fr	I II



Beil, George Frank	Forest Park	UGRAD		EM	II
Beiman, Jack Aaron	Chicago	LAS	PMed	Sr	II
Beiss, Arthur Norman	New York, N.Y.	ENG	EE	Fr	II
Bejlovec, Frank Joseph	Berwyn	UGRAD		EM	II
Belaire, Wilfred Maurice, D.D.S.	Marinette, Wis.	GRAD	Orthod	C	S
Belcher, Lucille House	Mansfield	LAS	Genl	Jr	S
Belinsky, Carol Rolfe, B.S.	Selma, Ind.	GRAD	Chem	U	I II
Belknap, James Laurence	Rockford	ENG	AeroE	Fr	I II
Bell, Gerald	Champaign	UGRAD		EM	II
Bell, Gloria Lillian	Chicago	PHARM	Pharm	I	S F W
Bell, John Archie	Anadarko, Okla.	UGRAD		EM	II
Bell, Lawrence Edwin	Bisbee, Ariz.	UGRAD		EM	II
Bell, Lawrence H., Jr., A.B., P.E.	Worthington, Ohio	COM	UD	Irr	I II
Bell, Marjorie Elaine	Cleveland, Ohio	LAS	Genl	Fr	I II
Bell, Mary Duncan	Champaign	AGR	HEcon	Unc	I
Bell, Ralph Phillip	Chicago	COM	LD	Fr	I II
Belland, Mary Rose Antoinette	Chicago	LAS	Genl	Jr	I
Bellinger, Henry Palmer	Chicago	UGRAD		EM	II
Below, Helen Irene	Danville	LAS	Genl	Sr	I II
Belport, Audré	Chicago	LAS	PJnl	Fr	II
Belski, Loretta Gertrude	Chicago	LAS	OccTher	Fr	I II
Belting, Dorothy Jean, A.B.	Urbana	FAA	Mus	Irr	I II
Benedict, Roland D.	Caldwell, Idaho	UGRAD		EM	II
Bendel, Theodore Marley	Plano	LAW	Law	I	S I II
Bender, Harvey H.	Chicago	COM	LD	So	S I
Bender, Marion Ruth	Chicago	AGR	HEcon	Jr	I II
Bender, Phyllis Selina	Aurora	LAS	Genl	Fr	I II
Bendinelli, Walter Peter, B.S.	Chicago	DENT	Dent	3	Sp S F W
Benedict, Audrey Hope, A.B.	Galesburg	GRAD	Botany	U	I II
Benfield, Margaret Thelma, B.S.	Waterville, Kans.	GRAD	Educ	EM	I
Bengel, Robert Richard	Springfield	ENG	Genl	Fr	S I
Benjamin, Lois Sue	Detroit, Mich.	LAS	Genl	So	S I II
Benna, Marion Dorothy	Cicero	COM	LD	So	I II
Benner, Laura Hester	Urbana	LAS	DGS	So	I II
Bennett, Alfred McDowell	Chicago	MED	Med	2	Sp S F W
Bennett, Bette Louise	Rochelle	JNL	Jnl	Jr	I II
Bennett, Edmond Harold, B.S., M.S.	Urbana	GRAD	Agron	U	I II
Bennett, Elsie Beth, B.S.	Erie	AGR	HEcon	Sr	S
Bennett, Mary Ellen	Chicago	LAS	Genl	So	I II
Bennett, Mary Rosleyn	Evanston	LAS	Genl	So	I II
Bennett, Richard Menefee, B.S.	Decatur	GRAD	Educ	U	S I II
Benning, Shirl Helmts, A.B.	Davis	DENT	Dent	4	Sp S F W
Bennington, William Edmond, B.Ed.	Bloomington	GRAD	Educ	EM	I II
Benoit, Bette Irene	Chicago	UGRAD		EM	II
Benson, Denalee	Christopher	AGR	HEcon	So	I II
Benson, Helen Jane	Chicago	LAS	EOccTher	Irr	II
Benson, John Stephen, A.B.	Chicago	MED	Med	3	Sp S F W
Benson, Lou Ann	Robinson	LAS	Genl	Sr	I II
Benson, Ruby Jane	Sparta	FAA	Mus	Sr	I II
Benson, Wilma Lee Bull	Jacksonville	LAS	Genl	Jr	I
Bent, Mary Katherine, A.B.	Joliet	LAS	Genl	Sr	S
Benters, Naomi Marie	Sterling	LAS	Genl	Fr	I II
Bentley, James Albert	Greystone, R.I.	PE	PE	Fr	I
Benton, Byrl E., B.S., M.S.	Oak Park	GRAD	Pharmacol	C	I II
Bentzen, Marshall LeRoy	Oak Park	COM	LD	Fr	I II
Benvenuti, Hansel, B.S.	Cicero	MED	Med	3	Sp S F W
Benz, Paul Edwin	St. Louis, Mo.	COM	LD	Fr	S
Benz, Ruth Louise	Melvin	COM	LD	Fr	I II
Berchold, William J.	Chicago	LAS	DGS	Fr	I
Bereiter, Virginia Dolores	Chicago	LAS	Genl	Jr	I II
Berezin, Adele Ida	Chicago	LAS	Genl	Jr	S I
Berg, Betty Lee	Maywood	LAS	Genl	So	I
Berg, Mildred Dorothy	Chicago	LAS	Genl	Jr	S I
Bergemann, Arthur Henry	Chicago	UGRAD		EM	II
Berger, Betty Irene	Ferris	LAS	Genl	So	S
Berger, Joseph William, B.S.	Kenney	GRAD	Educ	U	S I II
Berger, Lois Jane	Chicago	LAS	Genl	So	I II
Berger, Phyllis	Chicago	LAS	OccTher	Fr	I II
Berger, Rivian Leatrice	Chicago	LAS	Genl	Fr	II
Berger, Walter Robert Harris	Oakboro, N.C.	UGRAD		EM	II
Bergeson, Richard Orrin	Batavia	PHARM	Pharm	I	W
Bergquist, Stanley Frithiof	Rockford	MED	Med	2	Sp S F W
Bergstrom, Paul Norman	Chicago	ENG	EE	Fr	I II
Berkin, William Louis	Chicago	PHARM	Pharm	I	W
Berkman, Patricia Lotta	Chicago	LAS	Genl	So	I II
Berkowitz, Charles Emanuel	Chicago	COM	LD	Fr	S
Berkowitz, Joseph Samuel	Danville	ENG	EPhy	Jr	II
Berkowitz, Marion	Mattoon	LAS	Genl	Jr	I II
Berkson, Myra	Chicago	LAS	Genl	So	I
Berkson, Theodore David	Chicago	COM	LD	Fr	S I
Berliner, Idell	Chicago	LAS	Genl	Fr	II
Berman, Barry Leonard	Chicago	LAS	Genl	So	S
Berman, Bennett Irwin	Chicago	LAS	PMed	Fr	I II
Berman, Earl	Chicago	LAS	PMed	Fr	S
Berman, Gloria	Detroit, Mich.	EDUC	Genl	Sr	S I II

Berman, Helene Ruth	Chicago	LAS	Genl	So		I	II
Berman, Howard Irwin	Chicago	ENG	Genl	Fr			II
Berman, Jerome Marvin	Chicago	COM	LD	Fr			II
Berman, Myra Cynthia	Chicago	LAS	DGS	Fr		I	
Berman, Walter Elliott, A.B.	Chicago	MED	Med	3	Sp	S	F W
Bernard, Audrey Louise	Alton	LAS	Genl	Jr		I	II
Bernard, Virginia Lois	Homewood	LAS	DGS	Fr		I	II
Berner, Marquita Jean	Morris	LAS	PJnl	Fr		I	II
Berner, Marshall Keith, B.Ed.	Athens	GRAD	Educ	EM		S	I II
Berns, Bertha Clara, B.S.	Oconee	GRAD	Engl	U		I	II
Bernstein, Bernard Sidney	Chicago	LAS	Chem	Fr		S	I
Bernstein, Gerald Emanuel	Chicago	LAS	PMed	Fr			II
Bernstein, Lionel M., B.S.	Chicago	MED	Med	4	Sp	S	F W
Bernstein, Marjorie Sonia	Chicago	LAS	Genl	Sr		S	I II
Bernstein, Maxine Doris	Chicago	JNL	EJnl	Fr		I	II
Bernstein, Richard Edward	Chicago	COM	LD	Fr		I	II
Bernstein, Robert Alan	Chicago	COM	LD	Fr		S	I
Bernstein, Vivian Elaine	Chicago	LAS	PMed	Fr			II
Beros, Marie	Chicago	COM	LD	So		I	II
Berry, Carl Davis, Jr.	Winnetka	MED	Med	1			W
Berry, Lee Arthur	Harrisburg	AGR	Genl	Fr		I	II
Berry, Thelma Anna Jane	Carrlinton	AGR	HEcon	Sr		I	II
Bertelsen, William Robert	Rock Island	MED	Med	2	Sp	S	F W
Bertrando, Bertrand Robert	Chicago	LAS	ChEng	So		S	II
Besenfelder, Barbara Ann	Spring Valley	COM	LD	So			I II
Bessey, Helen Humphrey	Lincoln	UGRAD		EM		I	
Bessinger, Herbert Edwin	Chicago	MED	Med	1	Sp	S	F W
Best, William Frederick, B.S.	Heyworth	GRAD	Educ	EM			II
Best, William Robert	Berwyn	MED	Med	2	Sp	S	F W
Beste, Lawrence Forwood, B.Mus., M.Mus.	Monmouth	GRAD	Chem	U		S	I II
Beth, Maxwell William	Chicago	UGRAD		EM			II
Beth, William Edward	Chicago	UGRAD		EM			II
Bethel, Alice Elizabeth	Ferguson, Mo.	FAA	Art	Fr		I	II
Bethel, Herbert Wayne	Clawson, Mich.	UGRAD		EM			II
Bever, Ernest Thomas	Chicago	UGRAD		EM			II
Beveridge, Helen, A.B., A.M.	Elmhurst	GRAD	Engl	U		I	II
Bewerse, Richard Alfred	Sheboygan, Wis.	UGRAD		EM			II
Bezy, Theodore Adolph	Charleroi, Pa.	UGRAD		EM			II
Bialeschke, Mary Frances McDonald	Tolono			Unc		S	
Bialik, Rachelle Jean	Chicago	LAS	Genl	So		I	II
Biasi, Helen Nancy	Normal	PHARM	Pharm	3	Sp	S	F W
Bickford, Romick Edwin, B.S., A.M.	Elmwood	GRAD	Educ	EM			I II
Bickler, Martin Harley	Elgin	COM	LD	Fr			I II
Bicknell, William Orvis	Yankton, S.Dak.	DENT	Dent	4	Sp	S	F W
Biddle, Charlotte Marie	Zion	AGR	HEcon	Fr		I	II
Biel, Joyce Hildreth	Cleveland, Ohio	PE	PE	Fr		I	II
Bielowski, Norma	Chicago	LAS	Genl	Fr		I	II
Bigelow, Robert Eugene	Johnston City	ENG	CE	Fr		S	
Biggs, Phyllis Hoyt	Chicago	LAS	OccTher	Fr			II
Biggs, Robert Alan	Lapeer, Mich.	MED	Med	1			II
Bilderback, Jean	Danville	LAS	Genl	Sr		I	II
Biliskis, Albert George, B.S.	Neillsville, Wis.	MED	Med	1	Sp	S	F W
Billings, Arthur Allen	Chicago	MED	Med	1			II
Billings, Verlee Louise	Chicago	LAS	PJnl	Fr		I	II
Billow, Arlene Harriet	Chicago	LAS	PJnl	Fr			II
Bingaman, Lester Almo	Gary, Ind.	PE	PE	Fr		I	II
Binkley, Mary Frances	Warrensburg	AGR	HEcon	Fr		I	II
Biowski, Edith Ann	Chicago	LAS	Genl	Fr		I	II
Birch, Barbara Jean	Western Springs	LAS	Genl	Jr		I	II
Birckelbaw, Josephine Elizabeth	Danvers	LAS	Genl	Fr		I	II
Bird, Orville F.	Woodstock	UGRAD		EM			II
Bird, Ruth Mae, B.S., M.S.	Oak Park	GRAD	PE	U		S	
Birdzell, Ruth Arline	Champaign	COM	LD	So			II
Birdzell, Samuel Marion, B.S., M.S.	Champaign	GRAD	Educ	U		S	I II
Birk, Russell Charles	Chicago	LAS	PLaw	So			I II
Birkeland, Irene Sophie	Washington, D.C.	LAS	PJnl	Fr			I II
Birkelbach, Alberta Ottmar	Glen Ellyn	LAS	ChEng	Fr		S	I
Birkner, Marion Louise	Chicago	LAS	Genl	Sr		S	I II
Bischoff, Marcela Louise	Granite City	AGR	HEcon	Fr		I	II
Bish, Edgar Albert	Springfield	UGRAD		EM		I	
Bishop, Imogene Hadfield	Champaign	FAA	Mus	Fr		S	I II
Bishop, Schulte Samuel	Taylorville	ENG	MinE	So		S	I
Bissey, Russell, B.S., M.S.	Clay City	AGR	Voc	Unc			
Bisson, William David	Oak Park	FAA	LArch	So			II
Bixhorn, Lorraine	East St. Louis	LAS	Genl	Fr		I	II
Black, Alma Madeline	Fairmount	AGR	HEcon	Sr		S	I II
Black, Gertrude Voris, A.B.	Champaign	GRAD	DHusb	U		S	
Black, Lois Ellen	Rockford	COM	UD	Jr		I	II
Black, Mary Moscrip, A.B.	Chicago	LAS	Genl	Sr		S	I II
Black, Minnie Lou	Chicago	LAS	Genl	So		I	II
Blackburn, Sanford Fife	Ogden, Utah	MED	Med	1			W
Blacker, Elaine Belle	New York, N.Y.	LAS	Genl	Fr			I
Blacker, George Curtis, A.B.	White Heath	GRAD	Educ	U		S	
Blackman, Ada Loeb	Lawrenceville	JNL	Jnl	Jr			II
Blackman, Evelyn	Philadelphia, Pa.	LAS	Genl	Fr			II
Blackman, Harriett Jean	Peoria	FAA	Art	Fr		I	II

Blackstone, Louise				OccTher	Sr	S	I	II
Blackwell, George Howard, A.B.				Educ	EM		I	
Blaha, Elsie Elizabeth				DGS	So		I	II
Blain, Dorothy Elaine				Art	Fr		I	
Blaine, Curtis Darrell				UGRAD	EM			II
Blaine, John Byers				UGRAD	EM			II
Blaine, Kenneth Robert				UGRAD	EM			II
Blaine, Royal Douglass				UGRAD	EM			II
Blair, Betty Lou				FAA	So		I	II
Blair, McKendree, A.B., S.T.B.				GRAD	Philos	U	S	
Blake, Watson Cottrill				LAS	Genl	Fr		II
Blakemore, Nancy Marie				JNL	EJnl	Fr		I
Blanchette, Lorenzo Gerard, Ph.C.				Momence	Dent	2	Sp	S F W
Bland, Eleanore Dillavou, B.F.A.				Champaign	FAA	Art	Sr	S
Bland, Lois Jane				Bethany	AGR	HEcon	Jr	S
Bland, Robert Marcus				Brownsburg, Ind.	FAA	Arch	Fr	I II
Blankenb, William Irving				Kankakee	LAS	Genl	Fr	S I
Blanksma, Lorraine Agnes, B.S.				Huron, S.Dak.	MED	Med	2	Sp S F W
Blatt, Morton Bernard				Chicago	MED	MedIllus	PG	S F W
Blattmachr, Charles Gustay				Baldwin, N.Y.	DENT	Dent	2	Sp S F W
Blatzer, Edward John				Chicago	UGRAD		EM	II
Blaufarb, Claire				New York, N.Y.	LAS	Genl	Fr	II
Blauvelt, Theodore				Clinton, Conn.	UGRAD		EM	II
Blazier, Warren E.				Wichita, Kans.	UGRAD		EM	II
Blechman, Gilbert David				Chicago	COM	LD	Fr	I II
Bledsoe, William Calvin				Ingleside	ENG	ME	So	I II
Blim, Spencer Phelps				Chicago Heights	LAS	PLaw	Fr	I
Blijmng, Evelyn Louise, A.B.				Murrayville	GRAD	Latin	U	S
Blijmng, Lois Lee				Dixon	LAS	Genl	Jr	I II
Bliss, Paula Marie				Glencoe	LAS	Genl	Sr	S
Blijtzen, Ira Morton, B.S.				Chicago	LAW	Law	3	I
Bliwas, Melvin Joseph				Chicago	COM	LD	Fr	II
Block, Andrew Edward				Oak Park	UGRAD		EM	II
Block, Bernard				Chicago	MED	Med	2	Sp S F W
Block, Jean Eileen				Chicago	FAA	Mus	Fr	I II
Block, Rita Sylvia				Chicago	LAS	Genl	Fr	I II
Block, Sybil Arlene				Detroit, Mich.	LAS	Genl	Fr	I
Blomberg, Charles Edward				Kinmundy	ENG	CE	Fr	I II
Blomgren, Gladys Victoria, A.B.				Enterprise, Kans.	MED	EOccTher	Irr	I W
Blomquist, Betty Ruth				Chicago	LAS	PJnl	Fr	I II
Blonsky, Beverly				Chicago	LAS	Genl	So	I
Bloom, Estella Maxine				Urbana	LAS	Genl	So	I II
Bloom, Phillip, B.S., M.S.				Syracuse, N.Y.	DENT	Dent	3	Sp S F W
Bloom, Sally Jean				Chicago	LAS	Genl	Jr	I II
Bloomberg, LaVerne Sylvia				Chicago	LAS	Genl	Jr	I II
Bloomberg, Rowena				Peoria	LAS	PJnl	Fr	I II
Bloomfield, John Gerald				Carlinville	COM	LD	Fr	I II
Blough, Ruth Elaine, B.S.				Edmore, Mich.	MED	EOccTher	Irr	I W
Blum, Dorothy Margaret				Chicago	LAS	Genl	Fr	I
Blum, Eleanor, A.B., B.S.				Urbana	GRAD	LibSci	U	S I II
Blum, Muriel Rae				Chicago	LAS	Genl	Fr	I II
Blum, Sherwin Lee				Chicago	COM	LD	Fr	I
Blumberg, Rhoda				Chicago	LAS	Genl	Jr	I II
Blumenschein, Joan Marie				Fremont	LAS	PJnl	Fr	I II
Blunck, Conrad Frederick Jensen				New York, N.Y.	MED	Med	2	Sp S F W
Bober, Jean				Chicago	LAS	Genl	Fr	II
Bobick, Melvin Theodore				Chicago	LAS	Genl	So	S I
Boddy, Marie Louise				Jacksonville	LAS	Genl	Jr	I II
Bodenbach, Florence, B.S., M.S.				Waterloo	GRAD	Educ	U	I
Bodenschatz, Arthur Harold				Champaign	LAS	Chem	Fr	I II
Bodenschatz, John Stephens				Champaign	LAS	Chem	Fr	I II
Bodz, Dolores Judith				Chicago	PE	PE	Fr	I II
Boehmer, Dorothy Marjorie				Des Plaines	AGR	HEcon	So	II
Boese, Carl Henry				Forest Park	UGRAD		EM	II
Boettner, Fred Fasterday, A.B., M.S.				Murphysboro	GRAD	Chem	U	I II
Boetto, Frank				St. David	COM	LD	Fr	II
Bogar, Mary Elizabeth Miller				Alton	LAS	Genl	Fr	II
Bogard, William Ralph				Canton, Ohio	UGRAD		EM	II
Bogen, Ola Chew, A.B., A.M.				Rockford	GRAD	Educ	EM	I
Boggio, Joseph Alexander				Auburn	PHARM	Pharm	3	Sp S F W
Bogner, Neil Francis				Henry	LAS	DGS	Fr	I II
Bogue, Ramona Rose				Rochelle	LAS	DGS	Fr	I II
Bohannon, Robert Thomas				Lawrenceville	COM	LD	Fr	I II
Boheim, Else				Chicago	LAS	MetE	Fr	I II
Bohl, Robert Walter				Peoria	ENG	MetE	Sr	I II
Bohon, Robert Lynn				Decatur	LAS	ChEng	Jr	I II
Boland, Joseph John, B.S., M.D.				Oak Park	MED	Ophthal	PG	F
Boland, Shirley Alice, A.B.				Chicago	MED	EOccTher	Irr	S F
Bold, Shirlyn Dorothy				Chicago	LAS	OccTher	So	I II
Boley, Charles Chilton, B.S., M.S.				Champaign	GRAD	MinE	U	S I II
Bolin, Charles Wesley				Chicago	LAS	Genl	Fr	II
Bolle, Lois Mae				Highland Park	LAS	DGS	Fr	I II
Bolliger, Shirley Jean				Tremont	AGR	HEcon	So	I II
Bollinger, Marion				Chicago	LAS	Genl	So	I II
Bollinger, Merle Bradley				Stonington	LAS	PMed	Fr	I
Bollis, Norman Reynolds				Kansas City, Mo.	LAS	Chem	Jr	S I II

Bolognesi, Norman Albert	Des Plaines	COM	LD	Fr	I	
Bomash, Gloria	Chicago	LAS	Genl	So	I	II
Bond, Betty Rie	Centralia	LAS	PMed	Fr	I	II
Bond, Elizabeth Jean	Champaign	LAS	PMed	So	S	I II
Bond, Leslie Fee	Galesburg	LAS	PMed	Fr	I	II
Bond, William Hobart	Centralia	LAS	PJnl	Fr	I	II
Bondy, Rochelle Hella, B.S.	Chicago	GRAD	Educ	U	I	II
Bone, Ernest Chester, A.B., A.M.	Prairie City	MED	Med	3	Sp	S F W
Bone, Ruth Marilyn	Mattoon	LAS	ChEng	Fr	I	II
Bonem, Stuart Jerome	Chicago	LAS	PMed	Fr	I	II
Bongart, Verna Lee Johnson	Champaign	LAS	PMed	Fr	I	II
Bonham, Arthur Charles	Washington, D.C.	UGRAD	EM			II
Bonhardt, Marilyn Irene	Belleville	LAS	Genl	Sr	S	
Bonker, Jane	Malone, N.Y.	JNL	EJnl	Fr	I	II
Bonne, Barbara Jeanne	Genoa	LAS	PJnl	So	I	II
Bonner, Beryl Dawson	Lake Villa	LAS	Genl	Fr	I	II
Bonner, Lyman James	Lake Villa	COM	UD	Jr	I	II
Bonnes, Margaret Ann	Chicago	LAS	Genl	Fr	I	II
Bonnett, Ann Elizabeth, B.S.	Chicago	MED	Med	4	Sp	S F
Bonnett, Orville Thomas, Jr.	Urbana	MED	Med	1		W
Bontemps, Carl Willis	Taylorville	LAS	Genl	Sr	S	I II
Bontemps, Ronald Yngve	Taylorville	ENG	Genl	Fr	S	I
Booker, Alpheus Watt, B.S.	Nashville, Tenn.	LAW	Law	1		I
Bookman, Harriet Rosalyn	Watkins, Minn.	LAS	OccTher	So	I	II
Boone, Lorna Elizabeth, B.S.	Chicago	PHARM	Pharm	1	Sp	S F W
Boor, Alden Kinney, Jr.	Chicago	MED	Med	4	Sp	S F W
Boothby, Albert Edmund	Sacramento, Calif.	UGRAD	EM			II
Booz, Shirley Colleen	Chicago	PE	PE	Fr	I	II
Borak, Walter John, B.S.	South River, N.J.	MED	Med	4	Sp	S F W
Borchardt, Kenneth Fred	Chicago	ENG	EE	Fr	I	II
Borchers, Betty Jane	Gibson City	COM	UD	Jr	I	II
Borde, Patsy Ruth	Chicago	FAA	Art	Fr	I	
Borden, Patricia June	Chicago	LAS	DGS	Fr	I	II
Borgmiller, William Jennings	Murphysboro	MED	Med	3	Sp	S F W
Borgstedt, Elinor Mae	Wood River	FAA	Mus	So	I	II
Borja, Luis Guerrero	Guayaquil, Ecuador	ENG	CE	Jr	I	II
Borkenhagen, Raymond Herbert, A.B.	Chicago	DENT	Dent	2	Sp	S
Borkenhagen, Robert Herbert, B.S.	Chicago	DENT	Dent	4	Sp	S F
Borman, Ralph E.	Vancouver, Wash.	AGR	Genl	Fr	I	II
Bormann, Robert Otto	Chicago	COM	LD	Fr	I	II
Born, Ruth Katherine	Bensenville	LAS	OccTher	So	S	I II
Borns, Lawrence William	Chicago	LAS	PMed	So	S	I II
Borror, Charles Donald, Jr.	Roseville	ENG	MinE	Fr	I	II
Borucki, Matthew Felix	Chicago	DENT	Dent	2	Sp	S F W
Bos, Norman Calvin	Oak Park	MED	Med	2	Sp	S F W
Bose, Helen Ann	Chicago	AGR	HEcon	Fr	I	II
Bosley, Francis Jean	Urbana	COM	LD	Fr	I	II
Bosshard, Grace Nell	Springfield	UGRAD	EM			I
Bosshart, William Rudolph	Warrenton, Ore.	UGRAD	EM			II
Boston, Osra Marie	Champaign	LAS	Genl	Fr	I	II
Boswell, James Lane, III, B.S.	Collegeville, Pa.	GRAD	Math	U	S	I II
Bosworth, Frank E.	Chicago	UGRAD	EM			II
Botteron, Dorothy Louise	Wood River	LAS	Genl	Sr	I	
Boucher, Virgil S., B.S.	Peoria	GRAD	Educ	EM		II
Boudreau, Edgar	Chicago	UGRAD	EM			II
Bouer, Robert N.	Chicago	MED	Med	1		W
Boulware, Barbara Ann	Champaign	LAS	Genl	Sr	S	I
Bourland, Charles Clay	Eldorado			Unc	S	
Bouslog, Barbara Ann	Chrisman	COM	LD	Fr	I	II
Bouthillier, Louis Philippe, B.S., M.S.	Montreal, Canada	GRAD	Chem	U	S	
Bouzeh, Cathryn A., B.S.	Galesburg	GRAD	Educ	EM		I
Bovenkerk, Arthur Caspar	Chicago	ENG	CerE	Fr	I	II
Bowditch, Dorothy M. Vucic	Yorkville	LAS	Genl	Sr	I	II
Bowditch, Ebenezer Francis, A.B.	Lake Forest	GRAD	Educ	EM		I
Bowditch, Helen Elizabeth	Lakewood	AGR	HEcon	So	I	II
Bowen, Anna Marie	Herrin	LAW	Law	3	S	I
Bowen, Dorothy Jeanne	Delphi, Ind.	FAA	LD	Sr	I	II
Bower, George Francis	Oak Park	COM	Fr	Fr	I	II
Bowers, Donald Arthur	Dixon	LAS	DGS	Fr	S	I
Bowers, Mary Geraldine	Tiskilwa	LAS	Genl	So	I	II
Bowman, Eleanor Mae	Kankakee	LAS	Genl	So	I	
Bowman, Marcia Brown, A.B., A.M.	Champaign	GRAD	Engl	U	I	II
Bowman, Mary Eloise	Greenfield	EDUC	Genl	Sr	I	II
Bowman, Mary Jean	Monticello	AGR	HEcon	So	I	II
Bowton, Forrest Lowell, A.B.	Sheldon	MED	Med	4	Sp	S F W
Boyd, Bernice Ann Anderson	Champaign	FAA	Art	Jr	S	I II
Boyd, Harry Edward	Sesser	EDUC	Genl	Sr	S	
Boyd, Jack Robert	Springfield	ENG	Genl	Fr	S	
Boyd, James Robert	Asheville, N.C.	UGRAD	EM			II
Boyd, Richard Fay	Springfield	UGRAD	EM			I
Boyd, Samuel Neil, Jr., B.S.	Penns Grove, N.J.	GRAD	Chem	U	S	I II
Bozarth, Charles Miller, B.Ed.	McLeansboro	GRAD	Educ	EM	S	I II
Bozell, Nellie Fern	Findlay	LAS	Genl	Fr	I	II
Braband, Arthur	Chicago	UGRAD	EM			II
Braband, Marilyn Jane	Chicago	LAS	Chem	Fr	I	II
Brace, Kirkland Clifford, A.B.	Maywood	MED	Med	4	Sp	S F W

Braze, Neal Orin	Dresser, Wis.	ENG	Genl	Unc	I	
Brackenridge, Hiram Minor, Jr.	South Haven, Mich.	COM	LD	Fr	I	II
Braden, Lois Anne	Granite City	LAS	Genl	Fr	I	II
Braden, Zedrick Thomas, Jr.	Chicago	LAS	PLaw	Fr	I	II
Brader, Marie Louise	Barrington	LAS	Genl	Jr	Sr	I II
Bradfield, Audrey Eileen	LAS	LAS	Genl	F		I
Bradley, Betty Frances	Seneca	LAS	Genl	Sr	S	I
Bradley, Charles Ewery, B.S.	Blue Mound	GRAD	Econ	U	S	I II
Bradley, Charlotte Lou	Pecatonia	LAS	Genl	Fr		I II
Bradley, Dorothy Frances	Lombard	PHARM	Pharm	4	Sp	S F W
Bradley, Joseph Jeremiah	Chicago	LAS	Genl	4	Sr	S
Bradley, Margaret T.	Chicago	MED	Med	4		F W
Bradley, Marion Fraley	Carbondale	LAW	Law	1		I II
Bradley, Maurice C.	Chicago	UGRAD				EM I II
Bradley, Richard Eugene	Fairmount	AGR	Genl	Fr		I II
Bradley, Richard Warren	Portland, Ore.	ENG	ME	Unc		I
Bradley, Robert Paul	Tulsa, Okla.	FAA	Arch	Fr		I II
Bradley, Roberta Ann	Greenview	LAS	Genl	Sr	S	I
Bradley, Theron Arnold	Avon	PE	PE	Jr	S	I
Bradshaw, Carolyn Alice	Latham	LAS	Genl	Fr		I
Brady, Barbara Elizabeth	Winnetka	UGRAD			EM	I II
Brady, Chris Robert	Champaign	PHARM	Pharm	4	Sp	
Brady, Gertrude Alyce	Chicago	LAS	PMed	Fr		I
Brady, Myrtle F.	Springfield	UGRAD			EM	I
Bragiel, Genevieve	Chicago	LAS	Genl	Fr		I II
Brahana, Thomas Roy	Urbana	LAS	Genl	Jr		I
Brahin, Leona	Waukegan	LAS	DGS	So		I II
Brainin, Norman Herbert	Chicago	LAS	Genl	So		I II
Bramlet, Edward Peter	Springfield	LAS	Genl	Fr		I II
Bramlet, June Ruth	Peoria	LAS	Genl	So		I II
Brams, Richard Norman	Chicago	LAS	PMed	Fr		I II
Bramson, Morton Ben-Avi	Chicago	LAS	PMed	So	S	I II
Brand, Carol Thrift	Oak Park	EDUC	Genl	Sr	S	I II
Brand, James Bernard	Aviston	COM	LD	Fr		I II
Brandenburg, Harold Samuel	Cerro Gordo	ENG	AgEng	Fr		I II
Brandes, Dorothy Jane, A.B., B.S.	Evanston	LIB	LibSci	1	S	
Brandt, Edwin Charles	Chicago	UGRAD			EM	I II
Brandt, Phyllis D.	Colfax	LAS	Genl	Fr		I II
Brandt, Ralph Lee	Steubenville, Ohio	UGRAD			EM	I II
Brandwein, Herbert Allen	Chicago	COM	UD	Jr		I II
Brandwein, Rowland	Brewster, N.Y.	MED	Med	1		W
Brandwein, Ruth Eleanor	Chicago	EDUC	Genl	Sr		I II
Branigan, Imogene Wolfe, A.B.	Aledo	LAW	Law	3	S	I II
Brankey, Joseph Johannes	Lockport	COM	LD	Fr		I II
Brann, William Paul	Equality	AGR	Voc	So		I II
Brannick, Patricia Stark	Morris	COM	LD	So		I II
Brannon, Mildred Jeannette, B.Mus., M.Mus.	Urbana	GRAD	Math	U	S	I II
Branscomb, M. Stafford, B.S.	Champaign	GRAD	Accy	U		I II
Brassfield, Kenneth Austin	Watseka	LAS	Genl	Jr		I II
Bratt, Lorene Ethel, B.Ed.	Washburn	GRAD	Bot	U	S	
Brauer, Harriet	Chicago	LAS	Genl	So		II
Brauer, Hortense Bertha	Chicago	AGR	HEcon	Fr		II
Brauer, Irving Henry	Oakford	ENG	ME	Fr		I II
Brauman, Mavouren Jean	Piper City	FAA	Mus	Fr		I II
Braun, Raphael Henry, A.B., A.M.	O'Fallon	GRAD	Educ	EM		I
Braveman, Suzanne Jean	Chicago	LAS	Genl	Fr		I II
Braverman, Doris Natalie	Chicago	LAS	Chem	So		I II
Braverman, Leslie	New York, N.Y.	LAS	Genl	Fr		I II
Bray, Edward Charles	Utica	PE	PE	So		I II
Brazier, Ann Marie	Moro	AGR	HEcon	Fr		I II
Brazos, John Charles	Westville	LAS	Genl	Jr		I II
Breceda, Alejandro	Mexico, D.F., Mex.	ENG	MinE	Unc	S	
Brechtel, Ida Margaret, B.S.	Lena	MED	Med	3	Sp	S F W
Breckenridge, James Robert	Rockford	AGR	Genl	Sr		I II
Bredchoft, Nellie Matilda, A.B., A.M., B.S.	Springfield	UGRAD			EM	I
Bredon, David Bud	Portsmouth, Ohio	UGRAD			EM	I II
Breese, Esther Ruth	Yorkville	COM	LD	So		I II
Breger, Joseph	Chicago	UGRAD			EM	I II
Bregman, Bernard	Chicago	COM	LD	Fr		II
Brehmer, Louis Ferdinand	Canton	ENG	EE	Fr	S	I
Breitfuss, Lawrence Carl	Chicago	UGRAD			EM	I II
Bremer, Dorothy Cathron	Danville	EDUC	Genl	Jr		I II
Bremer, Margaret Louise	Danville	AGR	HEcon	Fr		I II
Bremner, Robert Joseph	Chicago	UGRAD			EM	II
Bremner, Walter J.	Chicago	UGRAD			EM	II
Breneman, Eunice Emma	Davis	AGR	HEcon	Jr		I II
Breneman, Marilyn Jane	Davis	LAS	Genl	Fr		I II
Brennan, Larry Dole	Novelty, Ohio	UGRAD			EM	II
Brennan, William Stuart	Chicago	UGRAD			EM	II
Brenner, Esther Janice	Elgin	LAS	PJnl	Fr		I II
Brenner, Joanna Mae	Cissna Park	PE	PE	So		I II
Bresnahan, Shirley Laurin Ann	Chicago	LAS	Genl	Fr		II
Bresnik, Dorothy Beulah	Chicago	LAS	OccTher	Fr		II
Bressler, Leonard Martin	Chicago	LAS	Genl	So	S	I II
Breth, Albert Edward	Chicago	ENG	Genl	Fr		II

Bretscher, Charlotte Marie	Springfield	LAS	PJnl	Fr	I	II
Brewer, Armon Albert	Laurel, Miss.	COM	UD	Sr	I	II
Brewer, Doris Jean	Casey	LIB	LibSci	Unc	S	
Brewer, Joseph Arthur, B.Ed.	Alton	GRAD	Educ	EM	I	II
Brewer, Melvin Clay	Bloomington	GRAD	PE	EM	I	II
Brewington, Alfred	Colp	LAS	PMed	Fr	I	II
Bricker, Mildred L., B.S., M.S.	Maroa	GRAD	AnNutr	U	I	II
Brickman, Isalde Jean	Chicago	LAS	Genl	Sr	I	II
Brickner, Dora Cecil Wright, A.B.	Peoria	GRAD	Educ	EM	I	II
Brickner, Renee	Miami Beach, Fla.	LAS	Genl	So	I	II
Briddon, John Donald	Rochester, N.Y.	LAS	Genl	Fr	I	II
Bridges, Florence Maurine	New Haven, Mo.	FAA	Mus	So	S	
Brierley, David Arthur	Pittsfield	LAS	Genl	Fr	I	II
Briggs, Betty Louise	Weldon	COM	LD	So	S	I II
Brigham, Jane Garthwaite	Urbana	LAS	Genl	Jr	I	II
Bright, Dean Elmer	Bellflower	ENG	CE	Fr	S	
Bright, LaVergne Kloss, B.S.	Chicago	GRAD	Span	U		II
Brines, Verne Eldon	Mt. Olive	ENG	Genl	Fr	I	II
Bringstaff, Justine Joy	Kankakee	LAS	DGS	Fr	I	
Brink, Charles Irving	Newton, Mass.	MED	Med	1		W
Brinkley, Mary Jean	Mattoon	LAS	Genl	Fr	I	II
Brinkley, William John	Shawneetown	AGR	Genl	So	I	II
Brisch, John William	River Forest	ENG	CerE	Fr	I	II
Briscoe, Helen Fern	Champaign	LAS	Genl	Jr	I	II
Briscoe, Lillian, A.B.	Westfield	LIB	LibSci	1	S	
Brissenden, Helen Joan	Pontiac	LAS	Genl	Jr	I	II
Britan, Seymour	Chicago	LAS	Genl	Fr	I	
Broadway, Muriel Helen	Granite City	LAS	Genl	So	I	II
Broady, Audrey	Chicago	LAS	PLaw	So	I	II
Brock, Jean Audrey Mae	Kirkwood, Mo.	LAS	ChEng	So	I	II
Brock, Marilyn Jean, B.S.	Indianapolis, Ind.	GRAD	Chem	U	S	I II
Brockett, Ross	Chicago	UGRAD		EM		II
Brockhouse, Ray Quigg	Chapin	COM	LD	Fr	S	
Brockley, Frances, B.Ed.	Vermont	GRAD	Educ	EM	S	F
Brockman, Seymour Joseph, B.S.	Chicago	MED	Med	4	Sp	S I
Brode, Elaine Lila	Detroit, Mich.	LAS	Genl	Fr		I
Brodnick, Jerome Eugene	Chicago	COM	LD	Fr		II
Brodsky, Erna Reeve	Quincy	LAS	Genl	So	I	II
Brody, Sally Anna	Chicago	LAS	Genl	Fr		II
Brody, Violet Jean	Chicago	LAS	Genl	So	I	
Brons, Joan Frances	Chicago	LAS	Genl	Jr	S	I II
Brons, Patricia Louise, B.S.	Chicago	EDUC	Genl	Irr	S	
Brookmeyer, Frederic R.	Chicago	UGRAD		EM		II
Brooks, Alfred	Chicago	LAS	Genl	Fr		II
Brooks, Edward Albert	Stronghurst	ENG	ME	Fr	S	I
Brooks, Everett Joseph	Wilton, Me.	PE	PE	Jr		II
Brooks, Frances Carol, A.B., B.S.	Vermillion, S.Dak.	LIB	LibSci	1	S	
Brooks, Helen Irene	Stronghurst	LAS	Genl	Jr	I	II
Brooks, Shirley Knuckey	Winchester	PE	PE	Sr		I II
Broome, Alice Rea	East St. Louis	LAS	ChEng	Fr	I	II
Broome, Netajean Grace, B.S.	East St. Louis	MED	Med	1	S	W
Brophy, Edmond Michael, A.B.	Peoria	MED	Med	3	Sp	S F W
Brosilow, Jerrold Layton	Chicago	ENG	ME	Fr		I II
Bross, Shdon Bennie, A.B., A.M.	Mendon	GRAD	Educ	EM	S	I
Bross, Laura Mae	Grayville	LAS	Genl	Fr		I II
Broster, Mary Jean	Grayville	LAS	Genl	Fr		I II
Brotherson, Russell Harold	Bloomington	ENG	CE	Sr		I II
Brotman, Norman	Chicago	COM	LD	Fr		I II
Brous, Nelson James	Brooklyn, N.Y.	ENG	EE	So	S	I
Browdy, Howard Harry	Chicago	ENG	Educ	Fr		I
Brown, Alice Mary, A.B.	Waverly	GRAD	Genl	EM		I
Brown, Aubuy J., B.S., M.S.	Lexington, Ky.	GRAD	AgEcon	U		II
Brown, Barbara Eleanor	Chicago	LAS	Genl	Sr	S	I II
Brown, Bette Louise Timmons	Chicago	LAS	Genl	Jr	S	I II
Brown, Betty Belle	St. Anne	LAS	DGS	Fr		I II
Brown, Betty Jean	Piper City	LAS	Genl	Fr		I
Brown, Bob	Chicago	PHARM	Pharm	1		W
Brown, Carol	Pekin	PE	PE	So		I
Brown, Cayloma, A.B.	St. Louis, Mo.	GRAD	Educ	EM	S	I II
Brown, David Robert	Kewanee	LAS	PLaw	Jr	S	I
Brown, Dexter Ernest	Oak Park	UGRAD		EM		II
Brown, Dollie Dolores, B.S.	East St. Louis	GRAD	Educ	EM		I
Brown, Donald Wilson	Edwardsville	LAS	DGS	Fr		I
Brown, Dorothy Ellen	Olney			Unc	S	
Brown, Edward Joseph	Riverside	AGR	Genl	Fr		I
Brown, Elizabeth Harriett, B.S.	Peoria	GRAD	Educ	EM		I
Brown, Esterfina Conchita	Champaign	LAS	DGS	Fr		I
Brown, Frances	Chicago	LAS	Genl	Fr		I II
Brown, Frances Elizabeth	Kewanee	LAS	Genl	Sr	S	
Brown, Fred Hamilton	Chicago	UGRAD		EM		II
Brown, Harold	Chicago	LAS	PMed	Fr		I II
Brown, Hazel LaVerne	Monticello	LAS	DGS	So		I II
Brown, Helen Rumble, B.S., A.B., A.M.	Urbana	GRAD	Educ	U		I II
Brown, James Deacy, Jr.	Bakersfield, Calif.	MED	Med	1		W
Brown, Jane Lee	Chicago	LAS	Genl	Fr		I II

Brown, Janice Irene	Chicago	AGR	HEcon	Fr	I	II
Brown, Jerome William	Chicago	LAS	ChEng	Fr	I	
Brown, John Bardon	Chicago	LAS	DGS	So	I	II
Brown, John E.	Memphis, Tenn.	PHARM	Pharm	1		W
Brown, John Frawley, B.S.	Springfield	GRAD	Educ	EM	I	
Brown, Juanita	Chicago	LAS	Genl	Fr	I	II
Brown, Mary Ellen	Clifton	JNL	Jnl	Jr	I	II
Brown, Montgomery Russell	Oswego, N.Y.	ENG	EE	Fr	I	II
Brown, Nancy Hibbard	Naperville	LAS	DGS	Fr	I	II
Brown, Nancy Virginia	Chicago	LAS	Genl	Fr	I	II
Brown, Naomi Gloria	Chicago	PHARM	Pharm	4	Sp	S F W
Brown, Ned Caroon, B.S.	Lovejoy	GRAD	Educ	EM	I	II
Brown, Norma Ann	Canton	LAS	Genl	Fr	I	II
Brown, Otis Barton, B.S.	Beason	GRAD	AgEcon	U	S	I
Brown, Patricia Louise	Chicago	LAS	Genl	Fr	I	II
Brown, Patricia Mae	Chicago	AGR	HEcon	Fr	I	II
Brown, Phyllis Jean	Urbana	LAS	Genl	Jr	I	II
Brown, Phyllis Rosaa	Detroit, Mich.	FAA	Art	Fr	I	II
Brown, Roberta Cecile	Chicago	FAA	Mus	Fr	I	II
Brown, Shari Helen	Chicago	LAS	Genl	Fr	I	II
Brown, Stephen Hayze	Chicago	LAS	PMed	Fr	I	II
Brown, Winnifred Mary Barker, A.B.	Bondville	EDUC	Genl	Irr		II
Browne, N. F.	Chicago	UGRAD		EM		II
Browne, Samuel Prescott	Hoopeston	COM	UD	Jr	I	
Brownell, Josiah Harley	Galena	LAS	ChEng	Fr	I	
Browning, Betty Jo Skelton	Pontiac			Unc	S	
Browning, Elizabeth Jeanette	Potomac	COM	UD	Sr	I	II
Browning, H. Levi, B.Ed.	Valter	GRAD	Educ	EM	I	
Browning, Loren Clyde, B.Ed., A.M.	Clinton	GRAD	Educ	U	S	I
Browning, Marie H.	Dallas, Tex.	FAA	LArch	Jr	S	I II
Brownstein, Shirley Ruth	University City, Mo.	LAS	Genl	Fr	I	II
Bruce, Glenn D.	Peoria	LAS	Genl	So	I	II
Bruce, Nancy Jane	Lockport	LAS	Genl	So	S	I II
Bruce, Willis Nels, B.S.	Urbana	GRAD	Entom	U	I	II
Brucker, Bernice Mary	Sibley			Unc	S	
Bruder, Dorothy Ella	Seymour	LAS	Genl	Fr	I	II
Bruegge, Martha Louise	Carlyle	UGRAD		EM		II
Bruinkool, Lois Ethel	Oak Park	LAS	Genl	Fr	I	II
Brumback, Joyce Elaine	Lake Villa	AGR	HEcon	So	I	II
Brumbaugh, Elizabeth Kathryn	Benton	MED	Med	2	Sp	S F W
Brunms, Burnett George	Pekin	ENG	Genl	So	I	II
Bruner, Bernice Isabelle, A.B., B.S.	Evansville	LIB	LibSci	1	S	
Bruner, Ida Blanche, B.Ed.	Genoa	GRAD	HEcon	U	S	I II
Bruner, Mary Elizabeth	Urbana	FAA	Art	So	I	II
Bruninga, Ruth Katherine	Peoria	PE	PE	Fr	I	II
Brunk, Arthur Daniel, A.B., A.M.	Charleston	GRAD	SWA	U	I	
Brunoehler, Kenneth Albert	Aurora	MED	Med	1	Sp	S F
Bruns, Robert Lee Roy	Forest Park	UGRAD		EM		II
Brunskill, Dorothy Marie	Reddick	AGR	HEcon	Sr	I	II
Brussell, Gerald	Chicago	MED	Med	2	Sp	S F W
Brya, Julann Cecelia	Champaign	AGR	HEcon	Fr	I	II
Bryan, Elizabeth Mae	Normal	EDUC	Genl	Jr	I	II
Bryan, Harold S., D.V.M.	Urbana	GRAD	AnPath	U		II
Bryan, Margaret Nelson	Manistee, Mich.	FAA	Art	Jr	I	II
Bryant, Evelyn Joyce	Xenia	LAS	DGS	Jr	S	I II
Bryant, Gertrude	Chicago	AGR	Genl	So	I	II
Bryant, William Cullen	Gibson City	PE	PE	Fr	I	II
Bryskier, Glorya Lucille	Chicago	LAS	PJnl	Fr	I	II
Bubas, Victor Albert	Gary, Ind.	PE	PE	Fr	S	I II
Bucalo, Joseph D.	Brooklyn, N.Y.	UGRAD		EM		II
Buchband, Leni A.	Chicago	UGRAD		EM		II
Bucher, Kenneth Ivan, B.S.	Peoria	GRAD	Educ	EM	I	
Buchinski, Harriet Annette	Chicago	LAS	Genl	Fr	I	II
Buckingham, Richard Albert	Oak Park	MED	Med	3	Sp	S F W
Buckingham, William Brice	Oak Park	MED	Med	2	Sp	S F W
Buckler, Donna Ferne	Newman	AGR	HEcon	Sr	I	II
Buckman, Fred Joseph	Chicago	ENG	CE	Fr	I	
Buckman, Jane Marie	River Grove	LAS	PJnl	So	I	II
Buckner, Annice Siler	Northboro, Mass.	PE	PE	Fr	I	II
Buckner, Jean Simmons	Northboro, Mass.	LAS	Genl	Jr	I	II
Bucolt, Marion M.	Chicago	PHARM	Pharm	1	S	F W
Buczak, Marian Bernadine	Chicago	LAS	Genl	Fr	I	II
Budwig, Ira Adolph, Jr., A.B.	Chicago	MED	Med	3	Sp	S F W
Budwig, Samuel Mark, Jr.	Chicago	LAS	Genl	So	I	
Budzik, Barbara Helene	Chicago	LAS	Genl	Sr	I	II
Buechler, Marjorie Mae	Maywood	AGR	HEcon	Fr	I	II
Buescher, Phyllis Jane	Oak Park	LAS	PJnl	Fr	I	II
Buettner, Elza Rosalie, B.S.	Chicago	MED	Med	3	Sp	S F W
Bugan, Russell Joseph	Chicago	COM	LD	Fr	I	II
Bugarsky, Dorothy Pricilla	Chicago	LAS	Genl	So	I	II
Bugarsky, Rosann	Chicago	LAS	Genl	Fr	I	II
Buhrmester, Mildred Edna	Nashville	FAA	Mus	Fr	I	
Bujan, George Paul	Christopher	PE	PE	So	I	II
Bukovsky, Edward William	Berwyn	COM	LD	Fr	S	
Bullard, Marjorie Lorene	Morrisonville	LAS	Genl	Sr	I	II

Bullard, Thelma Leota	Morrisonville	LAS	OccTher	Jr		I	II
Bullinger, Faye Imo	Mansfield	LAS	Genl	Fr		S	II
Bullitt, Orville Horwitz, Jr., B.S., M.S.	Ambler, Pa.	GRAD	Chem	U			I
Bunch, M. Josephine, B.S., A.M.	McClure	GRAD	Hist	U		S	
Bunch, Shirley Jean	Decatur	MED	OccTher	4		S	F W
Buncie, Richard Joseph	Granite City	ENG	AeroE	Fr		I	
Bunke, Harvey Charles	Oshkosh, Wis.	COM	LD	Fr			II
Bunny, Edwin James	Erie, Pa.	MED	Med	1			W
Buntrock, Marcella Henrietta, A.B.	Kenosha, Wis.	MED	EOccTher	Irr		S	F
Bunyan, Patricia Yvonne	Lawrenceville	COM	UD	Jr			I II
Burch, Johanna Mayors	Westville	LAS	HEcon	Sr			I
Burch, John Oyer, A.B., A.M.	Springfield	GRAD	Educ	U		S	
Burda, William James	Berwyn	ENG	EE	Unc			I II
Burdick, Allison Lovelle	Chicago	MED	Med	2	Sp	S	F W
Burdick, Annabelle Fae	Farina	LAS	Genl	Sr		S	I II
Burdon, John Carter	Lowpoint	MED	Med	3	Sp	S	F W
Burger, Wilbert Eugene	Morton	GRAD	Educ	U			I II
Burgess, Betty Lee	Urbana	LAS	PJnl	Fr		S	I II
Burgess, Carolyn Frances	Tonica	COM	LD	So		S	I II
Burgess, Clyde Franklin, B.Ed.	Carbondale	GRAD	Educ	EM			I
Burgett, Patricia	Urbana	FAA	Art	So			I II
Burggraf, George Frank	Effingham	FAA	Arch	Fr			I II
Burghardt, Charles Allen	Greenfield	LAS	Genl	Fr			I II
Burgu, Florence Ann Harlow	Belvidere	AGR	HEcon	Fr			I II
Burgwald, Elroy George, B.S.	Dwight	MED	Med	4	Sp	S	F W
Burian, James John	Chicago	UGRAD		EM			II
Burk, James O.	Wood River	FAA	ArchEng	Sr			I II
Burk, Urban Dale	Harvey	COM	LD	Fr			I II
Burke, Alice Lorene	Marengo	PE	PE	Fr			I
Burke, Arthur Keen	Champaign	LAS	Genl	Jr			II
Burke, Doris Ann	Evanston	LAS	Genl	Jr			I II
Burke, Jane	Champaign	FAA	Art	Sr			I II
Burke, Muriel Marguritte	Mattoon	LAS	Genl	So		S	I II
Burkett, Lowell Abner	Palestine	EDUC	InEduc	Jr			II
Burkhart, Ellen, A.B.	Benton	GRAD	Engl	U		S	
Burmaster, John Hagelow	Elgin	PE	PE	Fr			I II
Burness, Donald M., B.S.	Urbana	GRAD	Chem	U		S	I II
Burnett, Dorothy Jean, B.F.A.	Maywood	LAS	EOccTher	Irr			II
Burnett, Shubel	Pana	AGR	Genl	U			I
Burnett, Verle A., B.S.	Fithian	GRAD	Educ	U			I II
Burnham, Charles Edward, Jr.	Gary, Ind.	ENG	ME	Fr			II
Burnham, Louise Helen	Chicago	LAS	Genl	Fr			I II
Burns, Margaret King, B.S.	Springfield	GRAD	Educ	EM			II
Burns, Marguerite	Marion		Unc		S		
Burns, Robert Benton, A.B.	Chicago	GRAD	PolSci	U			I
Burnside, Suzanne Ackerman	Birmingham, Mich.	LAS	Genl	Fr			I
Burrell, Dean Ulysses	Birmingham	UGRAD		EM			II
Burrell, Jack Baker, B.S.	Peoria	DENT	Dent	4	Sp	S	F
Burrell, Richard Edgar	Champaign	LAS	DGS	Fr			I
Burris, Ethel May, Ph.B., A.M.	Normal	GRAD	Educ	EM			I II
Burroughs, Nelle Jane	Catlin	COM	UD	Jr		S	I II
Burson, Samuel Bradley, A.B., LL.B., M.S.	Chicago	GRAD	Physics	U		S	I II
Burstein, Natalee Ann	Springfield	LAS	Genl	Fr			I II
Burster, Anne	El Paso	FAA	Mus	Fr			I II
Burt, Joann Elizabeth	Chicago	LAS	Genl	Fr			I II
Burtch, Loraine Cruse	Farina	AGR	HEcon	Jr		S	II
Burton, Donald Clarence	Piedmont, Mo.		Unc				
Burton, Dorothy Eileen	Armington	FAA	Art	So			I II
Burton, Evelyn Wylie, A.B.	Paxton	COM	LD	Irr		S	
Burton, Fredis Evelyn	Chicago	COM	LD	Fr			I II
Burton, Myrtle	Seymour	COM	LD	So			I
Burton, Robert Louis, A.B., A.M.	Pike View, Colo.	GRAD	Math	U			II
Burton, Thomas James	Louisville, Ky.	ENG	ME	Fr			I II
Burwell, Robert Elmer	Urbana	AGR	Genl	Fr			I II
Busch, Harris	Chicago	MED	Med	3	Sp	S	F W
Busch, Rochelle Beatrice	Chicago	LAS	Genl	Sr			I II
Busch, Willis Lowell	Champaign	EDUC	InEduc	Jr			I II
Buschman, Ruth Irene	Joliet	LAS	Chem	Fr			I II
Bush, Charline Martha	Chicago	LAS	Genl	So			I II
Bush, Lee	Cambria	DSSWV	Unc				II
Bush, William Sterling	Salt Lake City, Utah	UGRAD	EM				II
Bushee, Eleanor Jane, B.S.	Monticello	LAS	Genl	Irr			I
Bushee, Ralph Waldo, Jr., A.B.	Monticello	LIB	LibSci	Irr		S	
Busher, Joseph Edward	Chicago	UGRAD	EM				II
Bushman, Betty Jane, B.S.	Muncie, Ind.	GRAD	Educ	U			I II
Buss, Chester James	Kenosha, Wis.	ENG	ME	Fr			I
Busse, Stuart Clayton	Evanston	DENT	Dent	1			W
Buster, William Everett	Peoria	FAA	Arch	Fr		S	I II
Butkovich, William Paul	St. David	PE	PE	So			I II
Butler, Anne Marie	Cranford, N.J.	COM	UD	Jr			I II
Butler, Geneva Meeker, A.B., A.M.	Urbana	FAA	Art	Irr			II
Butler, Gibbon Francis, A.B., A.M.	Urbana	GRAD	Engl	U			II
Butler, Jean Marie Ferguson	Stockport, Iowa	LAS	Genl	Sr		S	
Butler, Kathleen Anne, B.S.	Oak Park	MED	EOccTher	Irr		S	F
Butler, Robert Lee	Marion	LAS	Genl	So		S	I II
Butler, Virginia H.	Lansing, Mich.	LAS	Genl	Fr			II



Butorac, William Martin	Chicago	FAA	Arch	Fr	II
Butterfield, Joanne Ada	Elmhurst	FAA	Mus	Fr	I II
Butterfield, Leon Joseph	Pana	LAS	Genl	Fr	S I II
Butts, Mary Thelma	Chicago	LAS	Genl	Fr	I II
Butz, Valentine Paul, B.S.	Chicago	MED	Med	4	Sp S F
Buyer, Margaret Anne	New York, N.Y.	LAS	Genl	Sr	I II
Buzan, Constance Corley	Chicago	LAS	Genl	Jr	I II
Buzan, Edwin Forrest	Alton	MED	Med	2	Sp S F W
Buzan, Morris Milton	Alton	ENG	EE	Fr	II
Buzil, Raymond	Chicago	ENG	Genl	Fr	II
Buzzard, Dorothy Eloise	Tinley Park	LAS	Genl	So	II
Buzzard, Paul Wayne	Altamont	AGR	Genl	Fr	I II
Buzzell, Miriam Virginia	Chicago	LAS	Genl	Jr	I II
Byers, Miles Eldon	Springfield	ENG	EPhy	So	S I II
Bynum, Lucy Scott, A.B., A.M.	Scottsboro, Ala.	GRAD	Engl	U	I
Byrd, Charles Martain, A.B.	Lovejoy	GRAD	Educ	EM	I II
Byrne, Charles Henry	Chicago	UGRAD	EM	EM	II
Byrnes, Sybil Griffith	Eric, Pa.	LAS	Genl	So	I
Byrum, Robert Jordan, A.B., B.S.	Grand Forks, N.Dak.	MED	Med	3	W
Bystrzycki, Eugenia R.	Chicago	PHARM	Pharm	4	Sp S F W
Cabary, Stanley Joseph	Chicago	UGRAD	EM	EM	II
Cabe, John Carl, Jr., A.B.	Urbana	GRAD	Econ	U	S I II
Cable, Betty Lorraine	Cerro Gordo	LAS	Genl	Fr	I II
Cadden, Edgar Lee	Chicago	LAS	Genl	Fr	I II
Cadden, William Joseph	Rosiclare	LAS	ChEng	So	S I II
Cadwell, Elmo Reginald	Griggsville	AGR	Genl	So	I II
Cagle, Dick, B.Ed.	Grantsburg	LAW	Law	1	I II
Cagle, Fredric William, Jr., B.S., M.S.	Champaign	GRAD	Chem	U	S I II
Cahalan, Thomas H., A.B., B.S.	Champaign	GRAD	LibSci	U	II
Cahill, Carl Winfield, B.S., M.S.	Lake Forest	GRAD	Educ	EM	I
Cahill, Eugene Henry, Jr.	Champaign	UGRAD	EM	EM	II
Cain, Gerald Irwin	Champaign	FAA	ArchEng	Jr	I II
Caine, Jane Ruth	Chicago	LAS	Genl	Fr	II
Calabrese, Pat Joseph	Chicago	ENG	ME	Fr	II
Calacci, Dominic Joseph	Chicago Heights	PE	PE	Fr	I II
Calame, Lorna June	Elgin	LAS	Genl	Fr	II
Calcaterra, Geneva Celeste	Herrin	EDUC	Genl	Sr	I II
Calder, Grace Herman	Deerfield	LAS	DGS	Sr	I II
Caldwell, Dorothy Jane	Efingham	AGR	HEcon	So	I
Caldwell, Edward S.	Chicago	UGRAD	EM	EM	II
Caldwell, Eleanor Frances	Chicago	LAS	Genl	Sr	I II
Caldwell, Everett Briggs, B.S., B.S.	Douglas, Ga.	GRAD	LibSci	U	S I II
Caldwell, Frank Hamilton, A.B.	Jacksonville	GRAD	Educ	EM	I II
Caldwell, Jack Spaulding, Jr., B.S.	Chicago	GRAD	MetE	U	I II
Caldwell, Mary Jean	Monticello	AGR	HEcon	Sr	S I II
Caldwell, Mildred Mellert, B.S.	Champaign	GRAD	Educ	U	I
Caldwell, Pauline, B.S.	Peoria	GRAD	Educ	EM	I
Caldwell, Rosemary Schilly, A.B., B.S.	Urbana	GRAD	LibSci	U	S
Calhoun, Judson Jennelle, B.S.	Chicago	DENT	Dent	4	Sp S F W
Calhoun, Richard Allen	Waukegan	ENG	ME	Jr	S I II
Calhoun, Sarah Ethel	Oregon	COM	LD	Fr	I II
Call, Dorothy Mae	Ridgefarm	LAS	PJnl	So	S I II
Callaghan, Patricia Joyce	Chicago	LAS	Genl	Sr	I II
Callahan, Darleigh Samuel	Milford	EDUC	Genl	Unc	I II
Callas, May Catherine	Jackson Heights, N.Y.	FAA	Arch	Sr	S I II
Callery, Patricia Ann	Princeville	LAS	Genl	Fr	I
Callison, Edwin Ray, A.B., A.M.	East St. Louis	GRAD	Educ	EM	II
Calloway, Richard Whittington	Manila, P.I.	JNL	Jnl	Jr	I
Callsen, Henry John	Oak Park	AGR	Genl	Jr	I II
Calvin, Ruth Almeta	Chicago	LAS	Genl	Fr	I
Calvo, Alberto Enrique, Phar.B., B.S., M.P.H.	Panama City, Panama	MED	Med	1	W
Cambel, Bulent Ali	Istanbul, Turkey	ENG	CE	Fr	S
Cameron, Phyllis Nadine	St. Elmo	COM	LD	So	I II
Camina, Blanche	New York, N.Y.	LAS	PJnl	Jr	I II
Camp, Barbara, A.B.	Champaign	GRAD	Educ	U	I II
Camp, Betty Josephine	Westville	AGR	HEcon	Fr	I
Camp, Cynthia Ruth	Streator	LAS	Chem	Jr	I
Camp, George Carr, A.B., A.M.	Urbana	GRAD	Engl	U	I II
Camp, John Richard	Chicago	MED	Med	2	Sp S F W
Camp, Mary Jane, A.B.	Champaign	GRAD	Engl	U	I II
Campagna, Mary Ann	Chicago	FAA	Mus	So	I
Campana, Anna Marie	Wilmette	FAA	Art	So	I II
Campbell, Bennie Burton, B.S.	Alton	GRAD	Educ	EM	I II
Campbell, Eleanor Frances, A.B.	Minonk	GRAD	Engl	U	S
Campbell, Harry Dean	Champaign	LAS	Genl	So	I II
Campbell, Hugh	Staten Island, N.Y.	UGRAD	EM	EM	II
Campbell, Joan Frances	Chicago	LAS	Genl	So	I II
Campbell, Kathalye June	Sesser	UNC	Unc	S	S
Campbell, Maribel Maude	Aburn	LAS	Genl	Fr	I II
Campbell, Marjorie M., B.S.	Cisco	GRAD	HEcon	U	S
Campbell, Mary Ann Ida	Sycamore	LAS	Genl	Jr	I II
Campbell, Reta Memmen	Great Barrington, Mass.	EDUC	Genl	Sr	I II
Campbell, Robert Davis, A.B., B.S.	Urbana	GRAD	LibSci	U	S I
Campo, Joseph Carl	Chicago	UGRAD	EM	EM	II

Camras, Sidney, B.S.	Chicago	MED	Med	4	Sp	S	F	
Canedy, Alice Caroline Lackey	Lawrenceville	LAS	Genl	Sr				II
Canham, Robert Gerald	Oak Park	MED	Med	1	Sp	S	F	W
Cannon, Frank Thomas	Chicago	UGRAD		EM				II
Cannon, Mary Jannetta	Champaign	LAS	Genl	Fr				II
Canty, Alice Marie	Chicago	LAS	Genl	Jr				I II
Canzoneri, Nick	Chicago	PE	PE	Jr				II
Cap, Thaddeus Walter, A.B.	Elizabeth, N.J.	MED	Med	3	Sp	S	F	W
Caplan, Estelle Mary	Chicago	LAS	Genl	Fr				S I II
Caplan, Vernon Leo	Chicago	COM	LD	Fr				II
Carapanos, George Evans	Elgin	ENG	LibSci	So				I II
Caraway, Ruth Iris, A.B., B.S.	Fort Worth, Tex.	GRAD	LibSci	U				I II
Cardon, Morris	Chicago	ENG	CerE	Jr				I II
Carius, Marvin Wilbur	Morton	DENT	Dent	3	Sp	S	F	W
Carlberg, Carl Herbert	Chicago	UGRAD		EM				II
Carleton, Barbara Joyce	Gary, Ind.	LAS	Genl	So				I
Carleton, Dorothy Barlow	Agua Dulce, Tex.	LAS	PJnl	So				I II
Carlson, Betty Jane	Sycamore	EDUC	Genl	Sr				I II
Carlson, Catherine Jeannette, B.S.	Oneida	AGR	HEcon	Sr		S		
Carlson, Constance Arlene	Rockford	LAS	Genl	So				I II
Carlson, Earl W.	Colorado Springs, Colo.	UGRAD		EM				II
Carlson, Elsie Violet, B.S.	Chillicothe	GRAD	Bact	C		S	F	W
Carlson, Gladys Eleanor	Chicago	LAS	Genl	So				I II
Carlson, Gustaf Henry	Evanston	UGRAD		EM				II
Carlson, Harold John	Berwyn	UGRAD		EM				II
Carlson, Howard Arthur	De Kalb	UGRAD		EM				II
Carlson, Jeannette Elaine, A.B.	Chicago	GRAD	Engl	U		S	I	II
Carlson, Jo Elaine	Oneida	LAS	Genl	Jr		S	I	II
Carlson, John Bernhard	Cicero	LAS	PJnl	Fr		S		
Carlson, John Herbert	Chicago	ENG	Genl	Fr				II
Carlson, John Robert	Champaign	LAS	Genl	Fr				II
Carlson, John William Coolley	Chicago	LAS	Genl	So		S	I	II
Carlson, Nancy Louise	Rockford	LAS	Genl	Fr				I II
Carlson, Ralph Everett, A.B.	Iron Mountain, Mich.	MED	Med	3	Sp	S	F	W
Carlson, Richard Ekstrom	Rockford	LAS	PLaw	So		S		
Carlson, Theodore Leonard, A.B., A.M.	Macomb	GRAD	Hist	U		S		II
Carlson, Violet Marion, B.S.	Beresford, S.Dak.	AGR	HEcon	Sr		S		
Carlsten, Margaret Ann	Paxton	COM	LD	So				I II
Carlstrom, Joanne Mary	Rockford	LAS	Genl	So				I II
Carlstrom, Richard Edwin	Rockford	COM	UD	Sr				I II
Carlyon, Dorothy Mae	Oak Park	LAS	OccTher	So				I II
Carman, Matthew Ellsworth	Edison, Ohio	UGRAD		EM				II
Carmondy, Thomas Aloysius	Peoria			Unc		S		
Carney, Vaden Joshua	Muncie, Ind.	UGRAD		EM				II
Carnow, Jacob	Chicago	LAS	PDent	Fr		S	I	
Carothers, Velma Lorene	Champaign	LAS	Genl	So		S	I	II
Carpenter, Harry W.	Chicago	UGRAD		EM				II
Carpenter, Mary Louise	Streator	EDUC	Genl	Jr				II
Carr, Helen Mae	Scales Mound	COM	UD	Sr				I
Carr, Iva Naomi	Greenup	EDUC	Genl	Sr		S	I	II
Carr, Mabel Lois	Bridgeport	LAS	Genl	Fr				I
Carr, Norman Loren	Carbondale	LAS	ChEng	Jr				I II
Carr, Rex	East St. Louis	LAS	PLaw	So				I II
Carrier, Harriet Mae	Decatur	AGR	HEcon	Fr				I II
Carrington, Marilyn Joyce	Urbana	LAS	Genl	Fr				I II
Carroll, Bernard William	Bradford	COM	LD	Fr				I II
Carroll, Jane Ruth	Webster Groves, Mo.	LAS	Genl	Fr				I II
Carroll, Robert Owen	Chicago	COM	LD	Fr				II
Carrubba, Vincent Lucian	Chicago	LAS	DGS	Jr				I II
Carruth, James Franklin	Winnetka	LAS	Genl	So		S	I	II
Carson, Dorothea Ann	Altamont	LAS	Genl	Jr				I II
Carson, Wilma Lucille	Danville	LAS	Genl	Fr				I II
Carter, Annette Janice	Chicago	COM	UD	Jr				I II
Carter, Isabelle Brown	Ottawa			Unc		S		
Carter, Joan	Sullivan	LAS	Genl	Fr				I
Carter, Mary Prickett, A.B.	Madisonville, Ky.	GRAD	Accy	U				I II
Cartmill, Robert Hasbroack	Tulsa, Okla.	LAS	Genl	Fr		S	I	
Cary, Shirley Ann	Chatham	LAS	Genl	Fr				I II
Case, Flora Beth	Urbana	LAS	Genl	Jr				I II
Casebier, Nell Jean	Champaign	PE	PE	Fr				I II
Casey, Edwin James	Chicago	PHARM	Pharm	2		S		
Casey, Johanna Ellen	Lacon	EDUC	Genl	Sr		S		
Casey, Patricia Marilyn	Chicago	FAA	Arch	Fr				I II
Casey, William Carleton	Chicago	MED	Med	3	Sp	S	F	W
Cash, Elaine Claire	Chicago	JNL	EJnl	Fr				I
Cash, Ruthe Claresia	Chicago	LAS	PMed	Fr				I II
Casper, Bert, B.Ed., A.M.	Cobden	GRAD	Educ	EM				I II
Cassels, Jean Frances Phillips	Chicago	LAS	OccTher	Jr				I II
Cassidento, John Vito	Hamden, Conn.	PE	PE	Fr				I II
Cassity, Dellard	Litchfield	UGRAD		EM				II
Cassman, Frederick Stanley	Freeport	LAS	PLaw	So				I II
Cast, Robert Eugene	Anna	COM	LD	Fr		S	I	
Casteel, Virgil Clayton, B.Ed.	Peoria	GRAD	Educ	EM				I II
Castenson, Ralph Frank	Maple Park	AGR	Genl	Fr		S	I	II
Castle, Arlene Ruth	Champaign	PE	PE	So				I II
Castree, Samuel John	Rockford	COM	UD	Jr				I II

Castritis, Solon Peter	Chicago	ENG	ME	So	I	
Caswell, Robert Carr	Elgin	COM	LD	So	I	II
Catalano, Frank Charles	Chicago	UGRAD		EM		II
Catalano, Joseph Vincent Louis	Chicago	LAS	GenI	Fr		II
Cates, Richard Bruce	Brookfield	COM	LD	Fr		II
Cathey, Joseph B., Jr.	Spartanburg, S.C.	UGRAD		EM		II
Catron, Damon Von, B.S.	Forrest	GRAD	AnHusb	U		I II
Caudill, Janice Rosalind	Arlington Heights	LAS	GenI	So		I II
Caughlan, Jeanette	Pittsfield	JNL	EJnl	So		I II
Causey, David Frederic	Paxton	ENG	CE	Fr	S	
Causey, Kathryn Ruth	Urbana	AGR	HEcon	Jr		I II
Caveglia, Anna Christine, B.Ed.	Sesser	GRAD	Engl	U	S	
Cavenagh, John Baird	Chicago	MED	Med	2	Sp	S F W
Cavenee, Joanna	Champaign	LAS	GenI	So		S I II
Cech, Robert Franklin	Berwyn	MED	Med	3	Sp	S F W
Cedervall, Maxine Doris	Rockford	LAS	GenI	So		I II
Cedeyco, Alberdena Wall, B.Mus., A.B., A.M.	Carlinville	GRAD	Engl	U	S	
Cerney, Alan James	Oak Park	DENT	Dent	3	Sp	S F W
Cervenka, Elaine Rozalie	Berwyn	EDUC	GenI	Jr		I II
Cessna, Roma Jean	Danville	LAS	DGS	Fr		I II
Cetrone, Joseph James	Chicago	UGRAD		EM		II
Chackes, Dolores Miriam	DeSoto, Mo.	LAS	GenI	Jr	S	I II
Chaddick, Camille Dorothea	Chicago	LAS	GenI	So		I
Chadwick, Margaret Frampton, B.S.	Urbana	GRAD	Engl	U	S	
Chailland, Amy Lou	Kennett, Mo.	EDUC	GenI	Sr		I II
Chaitin, Lillian Ada	Chicago	LAS	GenI	Fr		I II
Chalett, Rochelle	Toronto, Ont., Canada	LAS	GenI	Fr		I II
Chalmers, Lucie Margaret	Wilmette	LAS	GenI	So		I II
Chalmers, Nate, B.S.	Chicago	MED	Med	4	Sp	S F W
Chalwick, Norbert William	Berwyn	UGRAD		EM		II
Chambas, Harry Dan	Chicago	MED	Med	3	Sp	S F W
Chamberlain, Barbara Louise	Peoria	PE	PE	So		I II
Chambers, James Roseau	Bluefield, W.Va.	AGR	GenI	Sr		II
Chambers, Robert Rood, A.B.	Lincoln, Nebr.	GRAD	Chem	U	S	I II
Chambless, Gwendolyn, A.B.	Mounds	GRAD	Educ	EM	S	I II
Champenois, Ann Zalem	Mt. Carmel	JNL	EJnl	Fr		I II
Chan, Joan	Chicago	PHARM	Pharm	1		W
Chaney, Melvin Coleman	Wheaton	ENG	EPHy	Sr	S	I II
Chang, Arthur Chang Chung, B.S., M.S.	Shanghai, China	GRAD	CE	U	S	
Chang, Peh-I, B.S.	Changteh, Hunan, China	GRAD	Entom	U		II
Changnon, James Russell	Kankakee	EDUC	InEdu	So	S	
Changnon, Pauline Elva, B.S., A.M.	Urbana	EDUC	GenI	Irr		I II
Channon, Mayer Hirsch, B.S.	Chicago	GRAD	MusEd	EM	S	I II
Chao, Charles Fong, B.S.	Palo Alto, Calif.	ENG	MetE	Sr	S	
Chapin, John Harry	Danville	FAA	LArch	So		I II
Chaplin, Carl Edward, B.S.	Olney	GRAD	Hort	U		II
Chapman, Adrienne Shirley	Chicago	LAS	GenI	So		I II
Chapman, Allan Abraham	Chicago	ENG	CE	Jr	S	
Chapman, Ann	Chicago	LAS	GenI	Fr		I II
Chapman, Barbara Lois	Chicago	LAS	GenI	Fr		I II
Chapman, Charles Robert, B.Ed.	Carbondale	GRAD	Educ	U		I
Chapman, Eva Richolson	Springfield	UGRAD		EM		I
Chapman, Frank William	Hanover	COM	LD	So		I II
Chapman, Lenore Joy	Normal	LAS	GenI	Fr		I II
Chapman, Marilyn Louise	Freeport	FAA	Art	Jr		I II
Chapman, Myron Lee	Chicago	LAS	PMed	Fr		II
Chapman, Robert Arthur, A.B.	Oak Park	MED	Med	4	Sp	S F W
Chapman, Vaughn Vickers	Evanston	DENT	Dent	4	Sp	S F
Char, Washington Tentsien	Honolulu, Hawaii	FAA	ArchEng	So	S	I II
Charnes, Edith Fern	Champaign	LAS	GenI	Sr		I II
Chase, Barbara Louise	Champaign	LAS	GenI	Jr	S	I II
Chase, Beverly Jane	Hillsdale	LAS	GenI	Fr		I II
Chase, Harold Arthur, B.S.	Chicago	MED	Med	2	Sp	S F W
Chavin, Esta Phyllis	Chicago	LAS	GenI	Fr		II
Chayken, Betty Fae	Hammond, Ind.	LAS	GenI	Jr		I II
Checkan, Waldemar Antone	San Francisco, Calif.	UGRAD		EM		II
Cheffer, Baron Joseph	Chicago	UGRAD		EM		II
Chelemer, Pauline	Chicago	LAS	GenI	Jr		I II
Chen, Kuang Hsu, B.S., M.S.	Kingtze Kwan, Honan, China	GRAD	Chem	U	S	I II
Chenalloy, Robert Victor	Christobal, Canal Zone	COM	LD	Fr	S	I II
Chenoweth, Carlin Velde	Urbana	MED	Med	2	Sp	S F W
Chenoweth, Ralph Waldo, B.S., M.S.	Christopher	GRAD	Educ	U	S	II
Cherniak, Lilyan Judith	Windsor, Ontario, Canada	JNL	EJnl	Fr		II
Chertack, Melvin M.	Chicago	MED	Med	3	Sp	S F W
Chess, Dorothy Anne, B.S., M.D.	Fort Leonard Wood, Mo.	GRAD	Obstet	C	S	W
Chessman, Elmer F., Jr.	Downers Grove	UGRAD		EM		II
Chester, Alvin Lancaster	Chicago	LAS	PLaw	So	S	I II
Chew, Robert Marshall, B.S.	Wheeling, W.Va.	GRAD	Zool	U		I II
Chiasson, Frances Kientzle	Pittsfield	LAS	GenI	So	S	I II
Chigier, Jane	Chicago	AGR	HEcon	Fr		I II
Childress, Jack Raymond, B.Ed.	Normal	GRAD	Educ	EM	S	I II

Chilow, Edith Andrea	Chicago	LAS	Genl	Fr		I	II
Chin, Stephen Yook	New York, N.Y.	ENG	Genl	Jr		S	I II
Chippis, Alta Fern	La Grange	LAS	Genl	Sr		S	I II
Chlebek, Robert Lowell	Dayton, Ohio	UGRAD		EM			II
Chmieleck, Richard Stan	Chicago	PE	PE	Fr			II
Chmiel, Walter Kenneth	Chicago	DENT	Dent	2	Sp	S	F W
Chmielewicz, Zdzislaw Felix	Chicago	LAS	Genl	Sr		S	
Chodnowsky, Max	Chicago	PHARM	Pharm	3	Sp	S	F W
Choi, Deanna Tong	Chicago	PHARM	Pharm	1	Sp	S	F W
Choice, Mattie Bernice	Cicero	LAS	Genl	Jr		S	I II
Chouinard, Virginia Helen	Glen Ellyn	LAS	Genl	Sr		S	I II
Chrisman, Paul Glendene, B.S., M.S.	Gypsum, Kans.	GRAD	Educ	U		S	
Christ, Marcia Loraine	Elgin	AGR	HEcon	Jr			I II
Christ, Mary Ruth	Cabery	LAS	Genl	Fr			I
Christensen, Andrea	Wilmette	LAS	PMed	Fr		S	
Christensen, Eldis M., A.B.	Wheaton	MED	Med	3	Sp	S	F W
Christensen, Georgianne	Marion	LAS	Genl	So			I II
Christensen, Marjorie Joyce	Chicago	LAS	Genl	Fr			II
Christensen, Oskar	Chicago	UGRAD		EM			II
Christenson, Bernice Lorraine	Chicago	EDUC	Genl	Jr			II
Christian, Emily J. Bartoszek	Chicago	LAS	Genl	Sr		I	II
Christiansen, Bertha Dorothy	Chicago	UGRAD		EM			II
Christiansen, Ruth Winifred	Waukegan	PE	PE	Fr		I	II
Christiansen, Valerie West	Chicago	LAS	Genl	Sr			I
Christianson, Henry J.	Chicago	UGRAD		EM			II
Christianson, Lawrence Graham, A.B., B.S.	Forest River, N.Dak.	MED	Med	4	Sp	S	F W
Christie, Charlotte Margaret	Champaign	LAS	PMed	So			I II
Christie, Mary Ellen	Champaign	LAS	Genl	Fr			I II
Christofersen, Howard Rau	Natal, S. Africa	MED	Med	2	Sp	S	F W
Christoff, Demeter, B.S.	Chicago	DENT	Dent	3	Sp	S	F W
Christoff, Irmgard, A.B.	Chicago	GRAD	Educ	U			II
Christofferson, Darwin C.	Richmond, Utah	ENG	Genl	Fr		I	II
Christofferson, Kenneth Arthur	Chicago	ENG	Genl	Fr		S	
Christopher, Emily Lou, A.B.	Urbana	MED	EOccTher	Irr		S	F
Christy, Barbara Eleanor	Galesburg	LAS	Chem	Fr		I	II
Chrjnoch, Raymond Frank	Chicago	UGRAD		EM			II
Chrystal, William Bernard	Forest Park	UGRAD		EM			II
Chu, Pao, B.S., M.S.	Nantung, Kiangsu, China	GRAD	Entom	U		S	I II
Chukwuemeka, Nwankwo Michael, B.S., M.S.	Onitsha, Nigeria, W. Africa	GRAD	ME	U		S	
Chulay, Claire Margaret	Chicago	LAS	Genl	So		I	II
Chulay, June Marie	Chicago	LAS	DGS	Fr		I	II
Chumbley, Jeanette	Champaign	LAS	Genl	Sr		S	I II
Chumbley, Phyllis Beth	Champaign	LAS	Genl	So		I	II
Churan, Elaine Caroline	Chicago	LAS	Genl	Sr		I	II
Churan, Irene Lorraine	Chicago	PE	PE	Sr		I	II
Church, Margaret Ann	Sidell	LAS	Genl	So		I	II
Churchill, Erline Mae	Chicago	AGR	HEcon	Sr		S	I II
Chyette, Sherwin Edwin	Chicago	ENG	Genl	Fr			I
Cicchetti, Charles	Chicago	ENG	EE	Fr			I
Cies, Jerry B.	Edwardsville	PE	PE	Fr			I II
Cies, Joseph Owen, A.B.	Edwardsville	LAW	Law	Irr			I II
Cimino, Gloria Mae	Chicago	LAS	Genl	So			I II
Cirlin, Vivian Rosylin	Miami Beach, Fla.	LAS	Genl	Sr		S	I II
Cirricione, Oscar Paul	Chicago	UGRAD		EM			II
Cisar, Jewel Margaret	Cranford, N.J.	LAS	PMed	So		I	
Cisar, John Joseph	Berwyn	UGRAD		EM			II
Cisar, Winifred Adele	Berwyn	PE	PE	So			I II
Ciszek, Raymond Arthur	Hobart, Ind.	PE	PE	So			I II
Clancy, William Thomas	Chicago	LAS	DGS	Fr		I	II
Clapp, Cliff Jack, A.B., A.M.	Champaign	GRAD	PE	U		S	I II
Clapper, Maurice Raymond, B.Ed.	De Land	GRAD	Educ	U			I II
Clark, Colleen Joyce	Champaign	LAS	Genl	So		S	I II
Clark, Esther Faylene	Seaton	AGR	HEcon	So			II
Clark, Frank Howard	Zeigler	UGRAD		EM			II
Clark, Howard Emerson, Jr.	Eden, N.Y.	UGRAD		EM			II
Clark, James Cass Williamson	Indianapolis, Ind.	PE	PE	Jr		S	I II
Clark, Jean Flanigan	Champaign	LAS	Genl	Sr		S	
Clark, Jessica B., B.S.	Urbana	EDUC	Genl	Irr		S	I
Clark, Joan	Pana	AGR	HEcon	So		S	I II
Clark, John Quincy, B.S.	Carbondale	GRAD	Educ	EM		S	I II
Clark, Keith Steward, B.S.	Onarga	GRAD	PE	U		S	I II
Clark, Leadie Mae, A.B.	Urbana	GRAD	Engl	U		S	I II
Clark, Lola Gertrude	Mt. Sterling	JNL	Jnl	Sr			I II
Clark, Norma Jean	Benton	LAS	Genl	Jr		S	I II
Clark, Robert Kenley, A.B., M.S.	Urbana	GRAD	Physics	U		S	I
Clark, Robert Kingsbury, Jr., A.B.	Peoria	GRAD	Chem	U		S	I II
Clark, Ronald William, B.S., A.M.	Quincy	GRAD	Educ	U		S	I
Clark, Sue	Pana	LAS	Genl	Sr		S	I
Clarke, Marjorie Annetta	Centralia	LAS	Genl	Sr		S	I II
Clary, Francis Lee	Canton	ENG	EPhy	Fr			I II
Classen, Nancy Marie	La Grange	LAS	Genl	Jr			I II
Clatfelter, Jack Huston	Peoria	COM	UD	Sr			I II
Claus, Alvin Herbert, B.S.	Chicago	DENT	Dent	4	Sp	S	F W

Clausen, Caryl Lou	Walnut	JNL	EJnl	Fr	I II
Claxton, Margaret Jean	Chicago	LAS	Genl	So	I II
Claxton, Robert Franklin	Wilmette	COM	LD	Fr	S I
Clay, Jack DeWayne	Kankakee	LAS	Genl	So	S I II
Claypool, Barbara Ruth	Oak Park	LAS	PMed	Fr	I II
Clayton, Barbara Jean	Springfield	LAS	Genl	Jr	I II
Cleek, Betty Jo	Mt. Vernon	LAS	Genl	Fr	I II
Clement, Carmelina Ricciotti	Chicago	LAS	Genl	Fr	I II
Clements, Frances Xenia	Riverside	LAS	PJnl	So	S I II
Clemons, Emanuel Robert	Chicago	LAS	Genl	Fr	I
Clemons, Thomas Robert, A.B., B.S.	Riverside	MED	Med	4	Sp S F
Cledenin, William Herman, B.S.	Bloomington	GRAD	Chem	C	Sp S F W
Clevenger, Margaret	Riverside	LAS	Genl	Fr	I II
Clifford, Jack Woodbridge	Cambridge	ENG	ME	Fr	S
Clifford, Jacqueline Louise	Tamms			Unc	S
Clifford, Marjorie Ellen	Cambridge	LAS	OccTher	Jr	S I II
Clifford, Samuel G., Jr.	Evansville, Ind.	UGRAD		EM	II
Clift, Cecil William, B.S., M.S.	Patoka, Ind.	GRAD	Agron	U	I II
Clinard, Everett Lauker, B.Ed., A.M.	Urbana	GRAD	Educ	U	S I II
Cline, Helen Louise	Danville	LAS	Genl	Fr	I II
Cline, Irving Bernard	Chicago	LAS	Genl	Fr	S I II
Clopfeter, Mary Fern	Bement	LAS	Genl	Fr	I II
Clopper, Mary Gertrude	Peoria	LAS	Genl	Jr	I
Clorfene, Bruce Edward	Chicago	LAS	Genl	So	S I
Clover, Doris Louise	Chicago	LAS	Genl	Fr	I II
Clyde, Andrew Jackson	Chicago	FAA	Arch	Sr	I II
Coale, Mary Lou	Chicago	COM	LD	Fr	I II
Coard, Robert Lawrence, A.B.	Quincy	GRAD	Eng	U	S
Coates, Wallace King, Jr.	Greenville	LAS	Genl	So	S I II
Cobb, Jacqueline Scott	Urbana	LAS	Genl	So	II
Cobb, Kathryn Avery	Urbana	LAS	Genl	So	I II
Coburn, Wallace Warren	Fort Wayne, Ind.	UGRAD		EM	II
Cochran, Julia Alola	Urbana	LAS	Genl	Fr	I
Cochrane, Dave McDill	Chicago	UGRAD		EM	II
Cockrum, George Haskell	Sesser	AGR	Genl	Jr	II
Coddington, Wilbur Lyle, B.S.	Dawson	GRAD	PE	U	I
Coderre, Juliette Adele	St. Anne	EDUC	Genl	Sr	S I II
Codper, Dorothy Clara	Auburn, Mass.	UGRAD		EM	II
Coe, Molly Ann	Streator	LAS	Genl	Jr	I II
Coffman, Maxine Ruby	Barrington	FAA	Art	Fr	I II
Cohen, Audrey Blossom	Chicago	LAS	Genl	Fr	II
Cohen, Barnett	Brooklyn, N.Y.	DENT	Dent	3	Sp S F W
Cohen, Bernard	Brooklyn, N.Y.	DENT	Dent	3	Sp S F W
Cohen, Charlene Bess	East Chicago, Ind.	LAS	PJnl	Fr	I II
Cohen, Cyril S.	Chicago	MED	Med	3	Sp S F W
Cohen, Elaine June	Chicago	LAS	Genl	Fr	I II
Cohen, Ellen	Birmingham, Ala.	LAS	Genl	Fr	I II
Cohen, Gerald	Chicago	ENG	Genl	Fr	II
Cohen, Geraldine Beulah	Vandalia	LAS	Genl	So	S I II
Cohen, Harold R., B.S., M.S., Ph.D.	Chicago	MED	Med	4	Sp S F W
Cohen, Harvey Paul	Chicago	LAS	Genl	Sr	S
Cohen, Irving	Chicago	ENG	ME	Fr	S I
Cohen, Joseph Aron, B.S.	Chicago	MED	Med	4	Sp S F
Cohen, Joseph Joshua	Chicago	COM	LD	Fr	I II
Cohen, Marian Doris	Chicago	LAS	Genl	Jr	S I
Cohen, Meyer	Chicago	FAA	Arch	Fr	S
Cohen, Mischa	Peoria	COM	UD	Sr	S I II
Cohen, Morris	Washington, D.C.	DENT	Dent	1	W
Cohen, Morris	Chicago	COM	UD	Sr	I II
Cohen, Myra M.	Pittsburgh, Pa.	LAS	Genl	So	I
Cohen, Richard Stanley	Springfield	COM	UD	Jr	I II
Cohen, Robert Irwin	Chicago	LAS	Genl	Fr	I
Cohen, Roberta Sue	Chicago	LAS	Genl	So	I II
Cohen, Shirley Florence	Memphis, Tenn.	LAS	PJnl	Fr	I
Cohler, Marten Jerry	Chicago	FAA	LArch	Fr	I
Cohn, Arlene Scrita	Shaker Heights, Ohio	LAS	Genl	Fr	I II
Cohn, Janice Rose	Chicago	LAS	Genl	Fr	I II
Cohn, Jerome Stanton	Oak Park	LAS	Genl	Fr	II
Cohn, Marilyn Elaine	New York, N.Y.	LAS	Genl	Fr	I II
Cohn, Selma Ruth	Chicago	AGR	HEcon	Fr	I II
Coile, Virgil Leroy, B.S., M.S.	Decatur	GRAD	Educ	U	I
Colaw, Emma Lou	Atlanta	AGR	HEcon	Sr	S I II
Colby, William Wellington, A.B.	East St. Louis	GRAD	Educ	EM	I
Cole, Harriet Rhoads	Chicago	LAS	Genl	Jr	S I II
Cole, Louise Anne	Champaign	LAS	Genl	Sr	S I II
Cole, Mary Lou	Dalton City	COM	LD	Fr	I II
Cole, Philip William	Chicago	UGRAD		EM	II
Cole, Sharon Jean	Sidney	FAA	Mus	So	S I II
Coleman, Georgiana LaVera, B.Ed., A.M.	Greenup	GRAD	Educ	U	S
Coleman, John	Chicago	PE	PE	Fr	I
Coleman, John Martin	Davenport, Iowa	MED	Med	2	Sp S F W
Colen, Barbara Helene	Chicago	LAS	Genl	Jr	I II
Colgan, Thomas Clement, B.S.	Peoria	GRAD	Educ	EM	I II
Colin, Edward Cecil, Jr.	Chicago	FAA	Arch	Jr	S I II
Collard, Pettibone Bruce	Chicago	LAS	PMed	Fr	II

Collier, Dorothy Mae	Picayune, Miss.	LAS	Genl	Jr	I	II
Collier, June Rose	Chicago	LAS	Genl	Jr	I	II
Collignon, Mary Inez A.	Danville	LAS	Genl	Fr	I	II
Collin, Robert Louis, B.S.	Alfred, N.Y.	GRAD	Cer	U	I	II
Collins, Glenna Maxine	Pittsfield	LAS	DGS	So	S	I II
Collins, Horace Greeley, Jr.	Ashland, Ky.	MED	Med	1	I	W
Collins, Margaret Casey, A.B., A.M.	Fitchburg, Mass.	MED	Med	4	Sp	S F
Collins, Perry Vashon, A.B.	St. Louis, Mo.	GRAD	Educ	EM	S	I II
Collins, Roland Dean	Champaign	ENG	AeroE	So	S	I II
Collins, Wynona Ruth, B.S.	Hemlock, N.Y.	AGR	HEcon	Irr	I	II
Collom, Robert Keith	Wichita, Kans.	EDUC	Genl	Sr	I	II
Colwell, Maurice Joseph	Chicago	LAS	Genl	Sr	S	I
Colyer, Katherine, B.S., A.M.	Carbondale	GRAD	Educ	U	I	II
Combs, Marion William	Olney	AGR	Genl	Fr	I	II
Combs, Winifred Mabel	Olney	LAS	HEcon	So	I	II
Comer, William Fletcher, Jr.	Indianapolis, Ind.	LAS	Genl	Fr	I	II
Comstock, Dorothy Mae	Springfield	UGRAD	EM	EM	I	II
Conard, Peggy Ann	Rossville	LAS	Genl	Fr	I	II
Concheff, Michael Francis	Peru	LAS	Genl	So	S	I II
Conde, Sylvia Martin	Oak Park	LAS	Genl	Sr	I	II
Condit, LaVerne Harlan	Freeport	LAS	Chem	Fr	I	II
Congleton, Mary Sue	Pesotum	AGR	HEcon	Sr	I	II
Coniker, John William	Skokie	UGRAD	EM	EM	I	II
Conklin, Marjorie Belle	Grafton	LAS	Genl	Jr	I	II
Conklin, Richard Louis	Rockford	ENG	EPhy	Sr	S	I II
Conley, Jayne	Streator	LAS	DGS	Fr	I	II
Conley, Margaret Ann	Alton	LAS	Chem	So	I	II
Conley, Phyllis	Streator	LAS	DGS	Jr	I	II
Conley, Ralph Eugene	Elburn	PHARM	Pharm	1	S	F W
Conn, Franklin Ernest, Jr.	Chicago	LAS	Genl	Fr	I	II
Connell, Bonita Blanche	Chicago	LAS	DGS	So	I	II
Connell, Colleen Gladys	Boulder, Colo.	FAA	Arch	Fr	I	II
Connell, David Orville	Dayton, Ohio	UGRAD	EM	EM	I	II
Connell, Edson Greenlee	Cleveland Heights, Ohio	FAA	Arch	Fr	I	II
Connell, Kenneth James	Wauwatosa, Wis.	FAA	Arch	Fr	S	I II
Connell, Mary Jane	Champaign	LAS	DGS	Fr	I	II
Connell, Pearl Antoinette, A.B.	Zion	LIB	LibSci	1	S	I II
Connolly, Doris Eileen	Batavia	PE	PE	Fr	I	II
Connolly, Crystle Tossey	Marysville, Ohio	LAS	Genl	Jr	I	II
Connolly, Patricia Lea	Robinson	LAS	DGS	Fr	I	II
Connolly, Walter Curtis, A.B.	Marysville, Ohio	GRAD	Physics	U	S	I II
Conovitz, Ellen Sonya	Newark, N.J.	LAS	Chem	Fr	I	II
Conrad, Geraldine Elizabeth	Chicago Heights	UGRAD	EM	EM	I	II
Conrady, Herman H., A.B.	Shirley	GRAD	Educ	U	S	I II
Consoer, Rosemary	Sidney	LAS	Genl	Fr	I	II
Constantine, Roslyn Elaine	Chicago	LAS	Genl	Jr	I	II
Conte, Lawrence	Chicago	UGRAD	EM	EM	I	II
Converse, Louise Dulaney	Urbana	LAS	PMed	So	I	II
Conway, James Edward	Kankakee	LAS	Genl	Fr	I	II
Conybear, Donna Jeanne	Chicago	LAS	Genl	Fr	I	II
Cook, Arnold Edward	Milwaukee, Wis.	UGRAD	EM	EM	I	II
Cook, Arthur Ellwood	Dixon	UGRAD	EM	EM	I	II
Cook, Harriet Beatrice, A.B., A.M.	Quincy	GRAD	Educ	EM	I	II
Cook, Shirley	Decatur	LAS	Genl	Fr	I	II
Cooke, Gertrude Osterhoudt	New Paltz, N.Y.	FAA	Art	Sr	I	II
Cooke, Jane Carol	Chicago	FAA	Art	Jr	S	I II
Cooke, Roberta Ann	Terre Haute, Ind.	FAA	Arch	Fr	I	II
Cooke, William Robert	Springfield	ENG	CE	Jr	I	II
Cooksey, James R.	Chicago	LAS	PMed	Fr	I	II
Cooley, William Mack	Chicago	FAA	Arch	Sr	I	II
Coolley, Betty Jane	Highland Park, Mich.	LAS	Genl	Fr	I	II
Coombe, Betty Helen	Painesdale, Mich.	LAS	Genl	Fr	I	II
Coon, Minor Jessor, A.B.	Denver, Colo.	GRAD	Chem	U	S	I II
Coon, William McIntosh, A.B.	Greenfield, Ind.	MED	Med	4	Sp	S F W
Cooney, Dorothy Elizabeth	Chicago	COM	LD	Fr	I	II
Cooney, Edward Doyle	Belleville	ENG	AgEng	Fr	I	II
Cooper, Alice Mildred, B.Ed.	Potomac	LIB	LibSci	1	S	I II
Cooper, Cathleen	Aurora	LAS	Genl	Fr	I	II
Cooper, James Richard	Quincy	MED	Med	1	I	W
Cooper, Joseph Frederic	Argo	LAS	Genl	Fr	I	II
Cooper, Marvin	Chicago	ENG	EE	Fr	I	II
Cooper, Marvin Earl, B.S.	Chicago	MED	Med	4	Sp	S F W
Cooper, Matthew Nathaniel, B.Ed.	Lovejoy	GRAD	Educ	EM	I	II
Cooper, Ralph	Chicago	LAS	PMed	Fr	I	II
Cooper, Shirley Mae	Dixon	JNL	EJnl	Fr	I	II
Copeland, Margaret Jane, A.B.	Urbana	GRAD	Geol	U	S	I
Copeland, Mary Lucile	Farmer City	COM	LD	Fr	I	II
Copeman, James Lawrence, B.S.	Fairmont, W.Va.	GRAD	AgEcon	U	I	II
Copenhaver, Benjamin May	Chicago	LAS	Genl	Fr	I	II
Coplan, Marilynn	Columbia, S.C.	LAS	Genl	Fr	I	II
Coppernaln, June Maxine	Freeport	LAS	Genl	Fr	I	II
Corbett, Joyce Marguerite	Freeport	LAS	PJnl	Fr	I	II
Corbly, Lynn Clark	Pearl City	LAS	Genl	Fr	I	II
Corbly, Rosemary	Champaign	AGR	Genl	Fr	I	II
Corby, Michael Joy, B.S.	Champaign	JNL	EJnl	Fr	I	II
	Wood River	GRAD	Educ	EM	I	II

Cordell, Vail Robison, Jr., B.S.	Emden	AGR	Genl	Irr	I
Corey, Betty Helen	De Kalb	AGR	HEcon	So	I II
Coriden, Thomas Lou, A.B.	Ottawa	MED	Med	4	Sp S F W
Corkery, Martha	Urbana	GRAD	German	U	I II
Corman, Jacqueline Beth	Peoria	AGR	HEcon	Jr	S I II
Cornelson, Fern J., A.B., A.M.	St. Louis, Mo.	GRAD	Engl	U	I II
Cornfield, Leslie Sidney, B.S.	Chicago	MED	Med	4	Sp S F W
Corniels, Effie LaNettie	Bristol	COM	LD	Fr	I II
Cornwell, Ross Eugene, Jr.	Larchmont, N.Y.	ENG	MetE	Fr	I II
Corp, Ardis Jane	New Lenox	LAS	Genl	So	I II
Corrado, Elaine Camille	Far Rockaway, N.Y.	LAS	Genl	Fr	I II
Correll, Flora Arlene	Grand Haven, Mich.	LAS	Genl	Jr	S I II
Corson, Dorothy Jane	Metropolis	LAS	PMed	Fr	I II
Corwin, James Milton	Compton	COM	LD	Fr	I II
Coslet, Cleone Muriel	Tuscola	LAS	Genl	Fr	I
Coss, Joan Marie Theresa	Seneca	LAS	Genl	Sr	S I II
Cotariu, Philip Gabriel	Chicago	PHARM	Pharm	4	Sp
Cotler, Norman	Chicago	LAS	Genl	Fr	S
Cottingham, Martha Lois	Danville	LAS	Genl	So	I II
Cotton, Wendell N., A.B.	Chicago	DENT	Dent	2	Sp S F W
Couch, Mary Ellen, B.S.	Marionville, Mo.	LIB	LibSci	1	S I II
Coultas, Thomas Anson	Winchester	ENG	Genl	Jr	S I
Countryman, Jacquelyn Jean	Rochelle	LAS	DGS	So	I II
Coursey, James Orval, Jr.	Austin, Tex.	MED	Med	1	W
Cousin, William, Jr.	Chicago	LAS	PLaw	Fr	II
Cover, Catherine Jane	Toulon	LAS	Genl	So	I II
Cover, Patricia Ann	Toulon	COM	UD	Sr	S
Covey, Elizabeth Jane	Silver Spring, Md.	LAS	Genl	Jr	II
Covey, Frank Michael	Chicago	UGRAD	EM	Jr	II
Covey, Joy Helen	Poplar Grove	LAS	DGS	Jr	S I II
Cowan, Gilda Penelope	Chicago	FAA	Art	Fr	I II
Cowart, Morton Ethelbert, B.S.	Bessemer, Ala.	MED	Med	3	W
Cowherd, Clifford Conrad	Mayfield, Ky.	FAA	Arch	So	I II
Cowling, Marjorie Ruth, B.S.	Albion	GRAD	HEcon	U	I
Cox, Blanche, B.Ed.	West Frankfort	GRAD	Educ	EM	S I
Cox, Cleatus Jack	Quincy	ENG	ME	Fr	I II
Cox, Helen Fern	Grayville	LAS	Genl	Fr	I
Cox, James Lewis	Bloomington	COM	LD	Fr	II
Cox, John, B.S.	Chicago	DENT	Dent	3	Sp S F W
Coy, C. Lynn, Jr.	Brookfield	DSSWV	Fr	Fr	I II
Coyle, Sally Ann	Chicago	LAS	Genl	Fr	I II
Cozza, Ann Sara	Chicago	LAS	OccTher	Fr	I II
Cozza, Rose	Chicago	LAS	Genl	Fr	I II
Crader, Jeanette M.	Hamburg	PE	PE	Jr	I II
Craft, Glenn Edwin	St. Charles	FAA	Arch	Sr	S I II
Craig, Jessie Margaret, B.S.	Somerville, N.J.	GRAD	Chem	U	I II
Crain, Sue Charlotte, B.Ed.	Carbondale	GRAD	Educ	U	S
Crain, Wilburn Beverly, B.S.	Percy	GRAD	Educ	U	S
Cramer, Gerald William	La Porte, Ind.	COM	LD	Fr	I
Crane, Paula Singleton	Camp Wallace, Tex.	LAS	Genl	Jr	I II
Cranquist, Oscar Arthur	Chicago	UGRAD	EM	Jr	I II
Craven, James Cletus	Chicago	LAS	Genl	Jr	S I II
Cravens, Laurence Alexander, B.S.	Roanoke	GRAD	Educ	EM	I
Crawford, Barbara Lee	Sandoval	ENG	Genl	So	S I II
Crawford, Isabelle Mary	Springfield	UGRAD	EM	Jr	I II
Crawford, Katharine	Tolono	EDUC	Genl	Sr	S
Crawford, Patricia Ann, A.B.	Wilmette	MED	Med	1	Sp
Crawford, Richard Claughton	Chicago	LAS	PLaw	So	I
Crawford, Richard Donald	Mt. Carmel	ENG	EE	Sr	S I II
Crawford, Velma Lucille	Canton	LAS	Genl	Fr	I II
Crawford, Virginia Sue	Springfield	LAS	Genl	Fr	II
Crawshaw, Clyde, B.Ed., A.M.	Marseilles	GRAD	Educ	EM	I
Creamer, Gertrude Clara	Springfield	UGRAD	EM	Jr	I
Creek, Ed Melvin, Jr.	Harrisburg	FAA	Mus	So	I II
Crego, Mary Janet	Plainfield	FAA	Art	Sr	I
Crement, Anthony	Chicago	PE	PE	Fr	II
Cress, Nancy Ellen	Chicago	LAS	DGS	Fr	I II
Cressy, William Vincent	St. Paul, Minn.	ENG	EE	Jr	I
Crews, Claribel E., B.S.	Champaign	GRAD	Econ	U	S I II
Crews, Harriet Josephine, B.Ed.	Vincennes, Ind.	GRAD	Engl	U	S
Crews, Osborne Phillip	Chicago	LAS	Genl	Sr	S I
Crim, Viola Alba, B.Ed.	Carbondale	GRAD	Educ	U	S
Cripe, Betty Lee	Chicago	LAS	Genl	So	I II
Crispin, Robert Stanton	Danville	LAS	Genl	Fr	S
Crist, Jacqualen J.	Chicago	LAW	Law	3	S I II
Critchlow, Patricia Ann	Peoria	LAS	OccTher	Jr	I II
Critchlow, Shirley Rae	Peoria	LAS	Genl	So	I II
Croak, Richard Dorris	St. Louis, Mo.	COM	LD	Fr	S
Croft, Betty Mary Ellen	Leaf River	LAS	Genl	Fr	I II
Croft, Herbert Ora, B.S.	Williamsville	GRAD	Educ	EM	I II
Croll, Robert Kenneth	Skipack, Pa.	LAS	ChEng	Fr	I II
Cronk, Mildred Mary	Rochelle	LAS	Genl	Fr	I II
Crookston, Winifred Amelia	Springfield	JNL	Jnl	Sr	S I II
Crosby, Dorothy A., B.Ed.	Berwyn	PHARM	Pharm	1	W
Crosby, Merle Elmer, A.B.	Newman	GRAD	PE	U	S
Crosley, Gwendolyn Aileen	Farina	AGR	HEcon	Fr	I II

Cross, Betty Lou	Chicago	LAS	Genl	So		1	II
Cross, Dorothy Mary, A.B.	Niagara Falls, N.Y.	GRAD	Physiol	U			II
Cross, Leland Loyal	Mason City	LAS	PMed	Fr	S	I	
Crossley, Clarence Francis, B.S.	Urbana	GRAD	Educ	U	S	I	
Crow, Barbara Jean	Springfield	LAS	OccTher	Fr		1	II
Crowder, Lucy Lenore, A.B.	Peoria	GRAD	Engl	EM	S	I	
Crowe, Irene Mary	Riverside	COM	LD	So		1	II
Crowe, Jacqueline Nell	Pana	AGR	HEcon	Sr		1	II
Crowell, Frank Greenleaf	Rockford	LAS	Genl	Jr		1	II
Crown, Charles Augustus	Great Neck, N.Y.	MED	Med	2	Sp	S	F W
Crown, Marcus Aurelius	Chicago	ENG	Genl	Fr		1	II
Crowther, Frank Howard	Chicago	COM	UD	Jr		1	II
Croxville, Clarence Elmo	Urbana	AGR	Genl	So	S	1	II
Crozier, Eleanor Claudine, B.S.	Greenville	JNL	Jnl	Sr	S	1	II
Crozier, Elizabeth Ann, B.Ed.	LeRoy	GRAD	Engl	U		S	1 II
Cruft, George Edward	Virginia	MED	Med	2	Sp	S	F W
Crum, Arthur Hallam	Coffeen	EDUC	Genl	Sr		S	1 II
Crumrine, Harold Eugene	LaFontaine, Ind.	FAA	Arch	Jr		1	II
Crumrine, Joseph Lyle	Flanagan	MED	Med	4	Sp	S	F W
Cruse, Lillian Eileen	Nashville	LAS	Genl	Fr		1	II
Cruse, Shirley Maxine	West Frankfort	LAS	Genl	So		1	II
Cruzat, Edward Ted Pedro	Alton	LAS	Genl	So		1	II
Cruzen, Phyllis Louise	Riverside	LAS	Genl	Fr		1	II
Cudney, Ruth Marjorie, B.Ed.	Quincy	GRAD	Educ	U		1	
Cuellar, Ernesto	Lima, Peru	FAA	ArchEng	So		1	II
Culhane, Lillian Marie	Chicago	UGRAD	EM				II
Cullen, Ann Louise	Chicago	AGR	HEcon	Jr		1	II
Cullen, John Patrick	Rockford	LAS	Genl	Jr		1	II
Culp, Mary Louise	Chicago	LAS	HEcon	Fr		1	II
Culp, Theodore Francis	Washington, D.C.	MED	Med	1			W
Cummings, Margaret Maelay	Summit, N.J.	LAS	Genl	So			II
Cummings, Nina Blanche, B.S.	Pontiac	GRAD	Educ	U	S	1	II
Cummins, Carla June	Harrisburg	LAS	DGS	Fr		1	II
Cummins, James Francis, B.S.	Olney	LAS	PMed	Irr			II
Cummins, Margaret Ann	Harrisburg	AGR	HEcon	Fr		1	II
Cundall, Zella Caster, A.B., B.S.	Chesterfield	GRAD	Educ	U	S		
Cunningham, David Francis	Urbana	LAS	PJnl	Fr		1	
Cunningham, Irene E.	Plainville	COM	UD	Jr		S	I II
Cunningham, James Albert	Lake Villa	ENG	Genl	Fr	S		
Cunningham, Jean Elizabeth	Chicago	LAS	Genl	Sr		1	II
Cunningham, Martha Jane	Arcola	FAA	Art	Jr		S	I II
Cunningham, Mary Jane	Maywood	FAA	Art	Fr		1	II
Cunningham, Mary Rita	Vincennes, Ind.	LAS	Genl	Jr		1	
Cunningham, Norman Whisennand	Oblong	LAS	PLaw	Fr		1	II
Cunningham, Patricia Jean	Martinsville	AGR	HEcon	Fr	S	1	II
Cunningham, Phyllis	Martinsville	PE	PE	Sr		1	II
Cunningham, Thomas Edward	Waukegan	LAS	ChEng	Fr		1	
Cunz, Robert William	De Kalb	PE	PE	Fr		1	II
Cureton, Portia Miller, A.B.	Urbana	GRAD	PE	U	S		
Curl, John Robert	Rushville	ENG	MinE	Jr		1	II
Curran, Clara Marguerite, A.B.	Pleasant Plains	LIB	LibSci	1	S		
Currie, Althea Elizabeth, B.S., M.S.	Chicago	LAS	Genl	Irr	S		
Curry, Joan Louisa	Sycamore	LAS	Genl	Jr		1	II
Curry, Margaret Elizabeth, B.S.	Charleston	GRAD	Educ	U	S		
Curry, Marie Elizabeth	Springfield	UGRAD		EM			I
Curtin, David Y., A.B.	Webster Springs, W.Va.	GRAD	Chem	U	S	1	II
Curtin, John Joseph	Chicago	UGRAD		EM			II
Curtis, Barbara Mary	Urbana	LAW	Law	2			I II
Curtis, Catherine	Oak Park	FAA	Art	Fr			II
Curtis, Doris Mildred	Murrayville	LAS	Genl	Sr	S		
Curtis, Dorothy Jane	Wyoming	COM	LD	So		1	
Curtis, Irene	Elmhurst	LAS	DGS	Fr		1	II
Curtis, Jean Smith	Durand	LAS	Genl	So		1	II
Curtis, Mary Catherine	Oak Park	FAA	Art	Fr		1	
Curtis, Onilee Elaine	Lansing	COM	UD	Sr		1	II
Curvey, Josephine Raye, A.B., A.M.	Champaign	GRAD	Educ	U	S		
Cushman, John Robert	Decatur	ENG	ME	Fr		1	II
Cusick, George Robert	Allendale	AGR	Voc	Sr		1	II
Custer, James Ben, B.Ed.	Pekin	GRAD	Educ	EM			II
Cwalina, Thaddeus, B.S.	Chicago	MED	Med	4	Sp	S	F
Cysewski, Daniel Lambert	Park Ridge	PE	PE	Fr		1	
Czech, Audrey Ruth	Kenilworth	LAS	Genl	Fr		1	II
Dachman, Robert	Chicago	LAS	PMed	Fr	S		
Dady, William George	Waukegan	LAS	Genl	Sr		1	II
Dachler, Eileene Louise	Chadwick	LAS	Genl	So		1	II
Dagovitz, Leonard Irving	Chicago	MED	Med	2	Sp	S	F W
Dahl, Hartvig Adrian, A.B., B.S.	Jamestown, N.Dak.	MED	Med	3	Fr		W
Dahlman, Deloris Myrl	Elmhurst	LAS	DGS	Fr		1	II
Dahmer, Peter John	Chicago	UGRAD		EM			II
Daigh, Alice Marilyn	Springfield	LAS	Genl	So		1	II
Dailey, Dorothy Jean	Rockford	LAS	Genl	Sr		1	II
Dailey, John Franklin, B.Ed.	Kingston	DENT	Dent	1	Sp		
Dalessandro, William	Chicago	LAS	PMed	Sr		1	II
Dallenbach, Frederick Douglas, A.B.	Ithaca, N.Y.	MED	Med	2	Sp	S	F W
Dallenbach, John William, A.B., A.M.	Waterloo, Iowa	DSSWV		Irr			II



Dallenbach, Rosanna Carolyn	Champaign	LAS	Genl	So		I	II
Dalziel, Bernita Margaret	Gurnee	LAS	Genl	Fr		I	II
Damm, Walter John	Chicago	UGRAD		EM			II
Damon, Mariellen	Clarksville, Ark.	LAS	DGS	Fr		I	II
Dana, Gloria	Kansas City, Mo.	LAS	Genl	Jr		I	II
Daniel, Jessie Marie	Murphysboro	PE	PE	Jr		I	II
Daniels, Stewart Derry, Jr.	Champaign	LAS	Genl	Fr	S	I	
Daniels, Ted	Chicago	ENG	ME	Fr		I	II
Daniels, Thomas Harding	Champaign	COM	LD	Fr		I	
Danielson, Charlene Ruth	Riverside	FAA	Arch	So		I	II
Danielson, James Thomas	Chicago	UGRAD		EM			II
Dannenfeldt, Carl Ernest, B.S., M.S.	Davenport, Iowa	GRAD	Educ	U	S	I	II
Dantzker, Grace	Chicago	LD	Fr	Fr		I	II
Darch, Adelle Doris	Chicago	LAS	Genl	Fr		I	II
Dare, Francis Samuel	Springfield	UGRAD		EM		I	II
Darling, Dorence Kenneth, B.Ed.	Collinsville	GRAD	Educ	EM		I	II
Darmstadt, Martha Jane	Waukegan	FAA	Arch	Fr		I	II
Darrah, Elizabeth Ann	Oak Park	JNL	Jnl	Sr		I	II
Darrough, Jeannette Marie, B.Ed.	Sheldon	GRAD	PolSci	U		S	
Darst, Major, Jr., B.S.	Morton	MED	Med	3	Sp	S	F W
Dashut, Dante Edward, D.D.S., B.S.	Chicago	MED	Med	4	Sp	S	F W
Dasso, Raymond William	Rock Island	MED	Med	2	Sp	S	F W
Dauby, Joseph Henry, B.Ed.	Springerton	GRAD	Hist	U		S	
Daugherty, John Benedict	Chicago	UGRAD		EM			II
Dauphinais, Raymond Joseph	Chicago	PHARM	Pharm	1		S	F W
Davenport, John McVay	Chicago	LAS	Chem	Fr		I	
Davey, John Alfred	Oak Park	ENG	ME	Fr		I	II
Davidson, Bobbie Jean	Little Rock, Ark.	EDUC	Genl	Sr	S	I	
Davidson, Donald Ray	Salem	AGR	Genl	So		I	II
Davidson, Helen Jean	Joliet	LAS	Genl	Jr		I	II
Davidson, Kathryn Isabel	Washington, D.C.	AGR	HEcon	Jr		I	II
Davidson, Marian Joyce	Little Rock, Ark.	COM	UD	Sr	S	I	II
Davidson, Minnie Stong, A.B.	Ardmore, Okla.	LIB	LibSci	1	S		
Davidson, Rachel Mae	Eureka	LAS	Genl	So		I	II
Davidson, Ramona Lee	Springfield	UGRAD		EM			II
Davidson, Woodrow Wilson, A.B.	Boulder, Colo.	MED	Med	1			W
Davies, Alice Ann, A.B.	Spring Valley	LAS	DGS	Sr	S		
Davies, Clara Alice	Chatham	UGRAD		EM			I
Davies, Jesse Edwin	Verona	AGR	Genl	Fr		I	II
Davies, Virginia Anne	Danville	LAS	Genl	Fr		I	II
Davis, Barbara Jean	Maywood	COM	LD	Fr		I	II
Davis, Barbara Jean	Elmhurst	LAS	Genl	Fr		I	
Davis, Charles Sylvester, B.Ed., A.M.	Huntington Beach, Calif.			Unc	S		
Davis, Diana Mary	St. Louis, Mo.	LAS	Genl	So		I	II
Davis, Donald Maurice	Cicero	LAS	Chem	Fr		I	II
Davis, Doris Louise	Homewood	LAS	Genl	So		I	II
Davis, Etta Lee, B.S.	Urbana	GRAD	Educ	U		I	
Davis, Gloria Sitaron	Chicago	LAS	Genl	U		I	II
Davis, Harry Andrew	St. Louis, Mo.	ENG	EE	So		I	II
Davis, Hillaine June	Toledo, Ohio	LAS	Genl	So		I	II
Davis, Howard Warren, B.S.	Sandwich	COM	UD	Sr		S	I
Davis, Jane Leita	Collinsville	LAS	Genl	Jr	S	I	II
Davis, John Richard	Battle Creek, Mich.	ENG	EE	So	S	I	II
Davis, Joyce Ann	Chicago	LAS	Genl	Fr		I	II
Davis, Laurence Edward	Mattoon	COM	LD	Fr		I	II
Davis, Leonard Lewis	Chicago	JNL	EJnl	Fr		I	
Davis, Loretta Lee	Chicago	LAS	Genl	Jr		I	II
Davis, Mildred Jeannette, A.B., A.M.	Granite City	GRAD	Educ	U	S		
Davis, Milliege Miller, B.Ed.	Shawneetown	GRAD	Educ	EM		I	II
Davis, Norma Jean	Potomac	LAS	Genl	So		I	II
Davis, Patricia Gene	Danville	LAS	Genl	Fr		I	II
Davis, Patricia L.	Peoria	LAS	Genl	So		I	II
Davis, Reba Jane	Centralia	FDUC	Genl	Jr		I	II
Davis, Richard White, B.S.	New Rochelle, N.Y.	LAS	Genl	Irr		I	II
Davis, Robert Edward	Chicago	LAS	Genl	Fr		I	II
Davis, Robert Nathan	Detroit, Mich.	UGRAD		EM			II
Davis, Russell Rees	Springfield	LAS	ChEng	Fr		I	
Davis, Sarah Louise	Champaign	LAS	Genl	Fr		I	II
Davis, William Scott	Chester	MED	Med	3	Sp	S	F W
Davis, Yetra Rhae	Tulsa, Okla.	LAS	OccTher	Jr		I	II
Davison, Margeret Colleen	Alpena, Mich.	LAS	Genl	Jr		I	II
Davison, Thomas Hugh	Chicago	LAS	Genl	Sr		I	II
Davito, LaVon Theresa	Braidwood	LAS	DGS	Fr		I	II
Dawes, Earl H., B.Ed.	Lebanon	GRAD	Educ	EM		I	II
Dawson, Carrie Belle, B.S.	East St. Louis	GRAD	Educ	U	S		
Dawson, Dewey Mitchell, B.S.	Scotland	FAA	Mus	Irr			II
Dawson, Irma Aline, A.B.	Chicago	LAS	Genl	Sr	S		
Day, Eleanor Blackstone	Naperville	COM	LD	Fr		I	II
Day, Joseph John	Chicago	LAS	Genl	Sr		I	II
Day, Ruth Elizabeth	Carbondale	AGR	HEcon	Jr		I	II
Dayiantis, Mary John	Chicago	LAS	Genl	Jr		I	
Dayton, Ann Louise	Champaign	LAS	Genl	Jr		I	II
Dayton, Bonnie May, A.B.	Champaign	LAS	Genl	Sr	S		
Deabler, Harold Herbert, A.B.	Chicago	MED	Med	3	Sp	S	F W
Deadmore, Daniel Lew	Blue Island	LAS	ChEng	So		I	II

Deakum, Alice	Calumet City	LAS	Genl	Jr	I	II
Deal, Winifred Mae	Morrisville	LAS	Genl	Sr	I	II
Dean, Betty Lou	Harrisburg	FAA	Art	Jr	I	II
Dean, Delka Iola	New Holland	LAS	Genl	Jr	S	
Dean, Gwendolyn Olivia	Danville	FAA	Mus	Fr	I	II
Dean, Phyllis Marjorie	Chicago	LAS	Genl	Jr	I	
Dean, Shirley Lois	Chicago	JNL	Jnl	Jr	I	II
Deanin, Rudolph, A.B., M.S.	Urbana	LAS	Genl	Irr	S	II
Dearborn, Robert John, A.B., M.S.	Urbana	GRAD	Chem	U	S	I II
Dearduff, Ella M.	Springfield	UGRAD		EM	I	
Dearnbarger, Carrie Lucille	Chesterville	AGR	HEcon	Jr	I	
Deason, Myrtle Ida, B.S.	Springfield	UGRAD		EM	I	
Deatherage, Fred E.	Jacksonville	UGRAD		EM		II
Deatrick, Richard Wallace	Defiance, Ohio	MED	Med	I		W
Decker, Laura Greer, B.S., A.B., A.M.	Joplin, Mo.	LIB	LibSci	I		I II
Decker, Laura Rachel	Champaign	AGR	HEcon	Fr	I	II
Decker, Sam, B.S., M.S.	Chicago	MED	Med	4	Sp S	F W
Deen, Jesse Jennings, B.Ed.	Seymour	GRAD	Educ	U	I	
Deer, Clarice Netta	Chicago	LAS	Genl	Fr	I	II
Dees, David Prince	Rankin	LAS	Genl	Fr	I	
Dees, Helen Jean	Vandalia	LAS	Genl	Sr	I	II
Deffenbaugh, Eunice Verneal	Dewey	LAS	Genl	Jr	I	II
Deffenbaugh, Mary Arrilla, B.Ed.	LeRoy	GRAD	Latin	U	I	II
Degginger, Edward Keinauer	Chicago	LAS	Chem	Fr	I	II
Degnan, Ellen Angela, B.Ed.	Chenoa	GRAD	Engl	U	S	
Dehr, Arlin Marion	Chicago	GRAD	Bact	U	S	I II
Deiber, John James	Chicago	UGRAD		EM		
Deiss, William Paul	Shelbyville, Ky.	MED	Med	4	Sp S	F W
Deistung, Annette Martha	Oak Park	LAS	Genl	Jr	I	II
Dekker-Van Ghyl, Lucile Nellie, B.S.	Champaign	GRAD	Bact	U	I	
Delaney, Frederick Henry, B.Ed., M.S.	Peoria	LAW	Law	I	S	II
Delaney, Patricia Jane	Villa Park	LAS	Genl	Jr	I	
Delano, Richard, A.B., A.M.	Lake Forest	GRAD	Educ	EM	I	
Delap, Lois Eleanor	Kansas	EDUC	Genl	Jr	I	II
Dela Vega, Sotero Tovar	Ciudad Garcia, Zacatecas, Mexico	PE	PE	Fr	I	II
DeLay, Vivian Jean	Chicago	FAA	Mus	Fr	I	II
Delbridge, Charles Burton	White Heath	COM	LD	Fr	S	I
Del Fava, Raymond Louis	Chicago	MED	Med	2	Sp S	F W
Delforge, Adrien, Jr.	Taylorville	LAS	ChEng	Jr	S	I II
DeLong, Margaret Wardall	Shafer, Minn.	LAS	Genl	Fr	I	II
DeLorenzo, Arthur Joseph	Newark, N.J.	COM	LD	Fr	I	II
DeLuca, Louis James	Chicago	JNL	EJnl	Fr	S	
DeMand, Ruth Alice	Wilmette	LAS	DGS	Fr	I	II
Demas, George	Chicago	PE	PE	Fr	I	II
DeMet, Dorothy Helene	Chicago	LAS	DGS	Fr	I	II
Demeter, Arthur Ernest	Whiting, Ind.	LAS	Genl	So	I	II
Demeter, Daniel Robert	Whiting, Ind.	ENG	Genl	So	I	II
DeMichael, Carmen A.	Chicago	UGRAD		EM		II
DeMichael, Thomas Joseph	Chicago	UGRAD		EM		II
DeMoss, Dolores Ellen	Wabash	LAS	Genl	Fr	I	II
Dempsey, Thomas Francis	Oak Park	ENG	Genl	Jr	I	
Denby, Lucille Helen	Carlinville	AGR	HEcon	Jr	I	II
Deneen, Robert Gregory	Bloomington	COM	LD	Fr	I	II
Denell, Cecily Louise	Evanston	LAS	Genl	So	I	II
DeNinno, Joseph Francis	Chicago	UGRAD		EM		II
Dennis, George Albert	Harvey	COM	LD	Fr	I	II
Denniston, Warren Carl	Chicago	UGRAD		EM		II
Depke, Josephine May	Danville	COM	UD	Sr	S	I II
Derby, Lucile, B.S.	Clare, Mich.	MED	EOccTher	Irr	S	F
Derdzinski, Edward Warren	Chicago	LAS	Genl	Fr	I	II
DeReamer, Elizabeth Christina	Griffith, Ind.	DSSWV		Fr	I	
Derrough, Elizabeth Dolores, B.F.A.	Champaign	FAA	Art	Unc	S	II
Dertinger, Bernice Lorraine	Detroit, Mich.	LAS	Genl	Jr	I	II
Desens, Althea Lily	Union Hill	PE	PE	So	I	
DeSenzo, Florence Ann	Chicago	LAS	Genl	Fr	I	II
De Sollar, Erna Eleanor	Beardstown	EDUC	Genl	Sr	I	II
Desroches, Marcel	Port-au-Prince, Haiti	EDUC	Genl	Sr	I	II
Dessen, Edward Herbert	Chicago	LAS	Genl	Jr	I	II
Detabel, Marvin Harold	Mohnton, Pa.	UGRAD		EM		II
De Tamble, Grace Winifred	Chicago	LAS	OccTher	Fr	I	II
D'Echevoyen, Beverley Ruth	Chicago	LAS	Genl	Fr	I	II
DeThorn, Donald Jack	Waukegan	ENG	EE	Fr	I	II
Detmer, Maud Harriett, B.S.	Peoria	GRAD	Educ	EM	I	
Detterbeck, Lester	Chicago	ENG	Genl	Fr	I	II
Deuchler, Elizabeth Ann	Aurora	COM	LD	So	I	II
Deutsch, Alfred Henry, A.B., A.M.	Champaign	GRAD	Engl	U	I	II
Deutsch, Joan Lenore	Chicago	LAS	Genl	Fr	I	II
Deutsch, Johannes Leopold, B.S.	Urbana	GRAD	LibSci	U	S	
De Vault, June Ethel	Springfield	UGRAD		EM	I	
Devine, Helen Harriett	Watseka	LAS	Genl	So	I	II
Devine, Thomas E.	Chicago	UGRAD		EM		II
Devlin, Helen Loretta	Virginia	LAS	Genl	Fr	I	II
Devlin, Thomas Charles	Oak Park	MED	Med	2	Sp S	F W
DeVore, Gloria Jean	Freeport	LAS	Genl	Fr	I	II

DeVore, Halcyon Marie	Princeton	LAS	GenI	Fr	I	II
DeVries, Walter Jonathan	Roundlake Park	UGRAD	EM			II
DeWall, Hazel Louise	Melvin	AGR	HEcon	Sr	I	II
Dewberry, Jack J.	Kokomo, Ind.	UGRAD	EM			II
Dexter, Laura Edith	Champaign	LAS	GenI	So	S	I II
Deyoe, Charles Richard	Farmington	ENG	GenI	Fr	S	I
DeYoung, Henry D.	South Holland	MED	Med	3	Sp	S F W
DeYoung, Ruth Nora, A.B.	Chicago	GRAD	Engl	U	S	
Diamond, Lorraine	Chicago	LAS	GenI	Fr		II
Diamond, Millicent	Chicago	LAS	GenI	Fr		I II
Diaz, Rogelio	Panama City, Panama	FAA	Arch	Sr		I II
Dibble, Dorothy Fay	Arlington Heights	LAS	GenI	Sr	S	I II
DiBella, Camille Ann	Chicago	LAS	GenI	Fr		I II
Dice, Norma Jane	Amarillo, Tex.	LAS	GenI	Fr		II
Dickerson, Harry O., B.Ed., A.M.	Hurst	GRAD	Educ	U	S	
Dickinson, Bill Ames	Decatur	COM	LD	Fr		I
Dickinson, Patricia Claire	Skokie	FAA	Art	So		II
Dickman, Marion Lund, B.S., M.S., Ph.D.	Urbana	GRAD	Chem	U	S	
Dicks, Emily Lou	New Orleans, La.	LAS	GenI	Jr		I II
Dickson, Barbara Jean	Danville	COM	UD	Sr	S	I II
Dickson, Richard Kellogg	Urbana	ENG	MetE	Sr	S	I II
Dickson, Vivian Carter	Urbana	LAS	GenI	Fr		I II
Didech, Marilyn	Chicago	LAS	GenI	Fr		I II
Didech, Marvin Samuel	Chicago	COM	LD	Fr		I II
Dieckhaus, Vonnetti Jerome	Springfield	UGRAD	EM			I
Diedrich, Norma Del	Chicago	LAS	PJnl	So		I II
Diehl, Marilyn Jean	Pekin	LAS	GenI	Fr		I II
Diel, Joseph Harold, B.Ed., M.S.	Stewardson	GRAD	Educ	U	S	I II
Diel, Sylvia Lucille, B.Ed.	Strasburg	GRAD	Math	U		I II
Dienstfrei, Marjorie May	Springfield	UGRAD	EM			I
Dierkes, Loretta Jean	Edwardsville	AGR	HEcon	So		I II
Dierkes, Melva Lee, B.Ed.	Quincy	GRAD	Educ	EM		I
Diers, Lorraine Louise	Chicago	JNL	EJnl	Fr		I II
Dietemann, Eleanor Crook, A.B.	Champaign	GRAD	Educ	U		I
Dietz, Doris Jane	Chicago	LAS	GenI	Fr		I II
Dietz, Mary Elizabeth	Chicago	LAS	GenI	So		I II
Dietz, Michalite Harno, B.S.	Urbana	EDUC	GenI	Irr	S	
Dietz, Ruth Evelyn, B.S.	Chicago	LAS	GenI	Irr	S	
Dietzen, William Hugh	Danville	ENG	EE	Fr		II
Diffenderfer, Vera M., B.Ed.	Danville	GRAD	SocSci	U		II
DiGregorio, John Charles	Chicago	LAW	Law	1		I II
DiJulio, Helen Anna	Chicago	LAW	Law	1		I II
Dillard, Ana Melba	Chicago	LAS	GenI	Fr		II
Dillard, Cecil Rudel, B.S.	Maywood	PHARM	Pharm	Spec		F W
Dillard, Elizabeth Ramel	Chicago	LAS	GenI	Sr		I
Dillavou, Charles Tennent	Urbana	FAA	Arch	So		I II
Dille, James M., B.S., M.S.	Chicago	MED	Med	3	Sp	S F W
Dilley, Jean Katherine	Peoria	LAS	GenI	Fr		I II
Dillon, Dorothy Alice	Danville	LAS	GenI	Fr		I II
Dillon, Howard Peter	Springfield	DSSWV		Fr	S	
Dilworth, Harriet Helen	Table Grove	LAS	GenI	So		I
DiModica, Domenic	Revere, Mass.	UGRAD	EM			II
Dingman, John Donald, B.S.	Decatur	GRAD	Educ	EM		I
Dinsmore, Mary Louise	Knoxville	LAS	GenI	Fr		I
Dirksen, Helen M.	Springfield	UGRAD	EM			I
Disbrow, Rose Ellen	Warrensburg	AGR	HEcon	Fr		I II
Dittmann, Kent Richard	Oak Park	COM	LD	Fr		I II
Dittmer, Eunice Margaret	Chicago	AGR	HEcon	Fr		I II
Ditzler, Bettie Mable	Ava	FAA	Art	Fr		I
Ditzler, William Stanley	Freeport	LAS	PMed	Fr		I II
DiVall, Robert Keith	Bensenville	COM	UD	Sr	S	I II
Diveley, Roy Everett, B.Ed.	Bloomington	GRAD	Educ	U	S	
Dix, Muriel Elaine	South Bend, Ind.	LAS	PJnl	So		I II
Dixon, Emily Caroline	Elmhurst	JNL	Jr			I II
Dixon, Roy Ledward	Clinton	LAS	PMed	Fr	S	I
Dixon, William John	Waukegan	ENG	GenI	So		I II
Dobbin, Barbara Jane	Chicago	LAS	PJnl	Fr		I II
Dobbin, Betty Joan	Lake Forest	LAS	GenI	Fr		I II
Dobrian, Edward Vincent	Gary, Ind.	COM	UD	Sr		S I II
Dobrow, Bernard	Chicago	MED	Med	3	Sp	S F W
Dodd, Dorothy Jeanne	Pittsfield	AGR	HEcon	So		I II
Dodd, Mildred Beatrice, A.B., A.M.	Champaign	GRAD	Latin	U	S	
Dodge, Gardner Arthur	De Kalb	UGRAD	EM			II
Dodson, Ralph Daniel, B.Ed.	Martinton	GRAD	Educ	U		I
Doeg, Erwin Arthur Raymond	Chicago	FAA	ArchEng	Fr		I II
Doehler, Elaine Alfrida	Springfield	UGRAD	EM			I
Doering, Barbara Jean	East Peoria	JNL	Jnl	Sr	S	I II
Doherty, Robert James	Chicago	LAS	PJnl	Fr		I II
Dohgonos, June Rose	Chicago	LAS	GenI	Fr		II
Doig, Kathleen Margaret	Spring Valley	LAS	DGS	Fr		I II
Dolan, Dorothy Alice	Urbana	PE	PE	So		I II
Dolan, Maurice Joseph	Champaign	FAA	Arch	Sr	S	I II
Dolginow, Isaac Newton	Kansas City, Mo.	COM	LD	Fr		I
Dolin, Albert, B.S.	Chicago	DENT	Dent	2	Sp	S F W
Domanski, Mae Helen	Westmont	FAA	Art	Fr		I II

Dombek, Freda	Chicago	LAS	Genl	Fr		II
Dombski, Leonard Karl	Cleveland, Ohio	UGRAD		3	EM	II
Domgall, Zeta Mary	Danville	LAS	Genl	Sr	S	I II
Donahue, Delores Agnes	Chicago	AGR	HEcon	Fr		I II
Donald, David Herbert, A.B., A.M.	Goodman, Miss.	GRAD	Hist	U	S	I II
Donald, John Ross	Chicago	LAS	DGS	Fr		I II
Donath, Fred Otto	Chicago	LAS	Genl	So		I
Donchey, Seena	Far Rockaway, N.Y.	LAS	Genl	Fr		II
Doney, Louis Millard, B.S.	Urbana	GRAD	Cer	U	S	
Doniger, Joan Miriam, Ph.D.	New York, N.Y.	LAS	EocTher	Irr		II
Donnel, Curtis, Jr.	Decatur	ENG	EE	Sr	S	I
Donnelly, Shirley Ann	Ohio	PE	PE	So		I II
Donner, Gene Leonard	Chicago	ENG	EE	Sr	S	I II
Donohue, Mary Kathryn	Urbana	COM	UD	Jr		I II
Doocy, Edward Sullan	Mattoon	ENG	EE	Jr		I II
Doolen, Max Maurice	Champaign	ENG	AeroE	Fr		I
Dooley, Robert Daniel	Oak Park	MED	Med	3	Sp S	F W
Dooley, Robert Earle	Des Plaines	LAS	PMed	Fr		II
Doolittle, Warren Ford, B.F.A.	Urbana	GRAD	Educ	U	S	
Doppelt, Shirley Bernice	Chicago	LAS	Genl	Sr		I
Dorch, Mildred Ruth	Dallas City	AGR	HEcon	Sr		I II
Dorfman, Arnold	Chicago	COM	LD	Jr	S	I II
Dorman, Marion Phyllis	Tolono	LAS	Genl	Fr		II
Dorman, Portia Annette	Chicago	LAS	PLaw	Fr		I II
Dorris, Lou Dean	West Frankfort	COM	LD	Fr		I II
Dorsett, Maude Elizabeth, A.B.	Paris	GRAD	Educ	U	S	
Dorsey, Cameron Clark, Jr.	Chicago	COM	LD	Fr		I II
Dortch, Dorothy Frances	Granite City	LAS	Genl	So		I II
Dost, Theodore Myron, Jr.	Chicago	UGRAD			EM	II
Doubet, Kathryn Bowers, B.S., A.M.	Hanna City	GRAD	Educ		EM	II
Dougherty, James Michael	Anaconda, Mont.	DENT	Dent	2	Sp S	F W
Douglas, Dale Woolley, A.B.	Bushnell	MED	Med	4	Sp S	F
Douglas, Wilma Ruth Law	Champaign	LAS	Genl	Fr		II
Douglass, Ferne Elizabeth	Shabbona	LAS	Genl	Fr		I II
Douthitt, Gloria Fay, B.S., M.S.	Waukegan	GRAD	Educ	U	S	
Dowell, Anna Marie	Springfield	UGRAD			EM	I
Dowell, Jesse Murry	Champaign	AGR	Genl	Fr	S	
Dowell, Kenneth F.	Long Prairie, Minn.	UGRAD			EM	II
Dowler, Anita Louise, B.Ed.	Urbana	GRAD	HEcon	U	S	I
Dowling, Darlene June	Champaign	LAS	Genl	Fr		I II
Dowling, Eleanor Cassia Anne	Tinley Park	FAA	Mus	So		I II
Dowling, Enos Everett, A.B., B.D., B.S.	North Vernon, Ind.	LIB	LibSci	1	S	
Dowling, Harold James	Oak Park	ENG	CE	Fr		II
Downey, John Charles	Salt Lake City, Utah	UGRAD			EM	II
Downs, Lois Katherine	Cincinnati, Ohio	LAS	Genl	So		I II
Downs, Nancy Louise, B.S.	Proctor, Minn.	GRAD	Chem	U		I II
Doyle, Joan Mary	Champaign	LAS	Chem	Jr	S	I II
Doyle, John Thomas	Moline	LAS	Genl	So		I
Doyle, Wanda Lee Cecilia	Clifton	LAS	Genl	Fr		I II
Drago, Rosario Phillip, A.B., B.S.	New York, N.Y.	MED	Med	4	Sp S	F
Dragstrem, Harold Elwin	Niantic	COM	UD	Sr		I
Drake, Charles Francis	Chicago	MED	Med	3	Sp S	F W
Drake, George Edward	Cornland	AGR	Genl	Fr		I II
Drakeford, Charlotte Louise	Toledo	LAS	Genl	Fr		I II
Dralle, Ralph Douglas	Frankfort	AGR	Genl	Jr		I II
Draper, Avonelle	Chicago	FAA	Art	Jr		I II
Draper, Lee Brink	Franklin Park	COM	LD	So		I II
Dray, Sheldon, B.S.	Chicago	MED	Med	3	Sp S	F W
Dreier, Andrew Nicholas	Chicago	UGRAD			EM	II
Drennan, Elwanda June	Mattoon	AGR	HEcon	Sr	S	
Dresner, Sonya Beatrice	Nashville, Tenn.	COM	LD	Fr		I II
Dresser, June	Chicago	LAS	DGS	Fr		I II
Dresser, William Chancey	Rockford	LAS	Genl	Fr		I
Drew, Clifford Lee, B.S.	Farmer City	GRAD	Educ	U	S	I II
Drew, Martha Irene	Huntsville	LAS	PJnl	Fr		I
Drewnicky, Olga Catherine	Chicago	COM	UD	Sr		I II
Driggs, Robert Henry	Rock Island	FAA	Mus	Sr	S	I
Drinkwater, Richard F.	Philadelphia, Pa.	UGRAD			EM	II
Driscoll, Helen June	Chicago	LAS	Genl	So		I II
Driscoll, John Edward	Chicago	MED	Med	2	Sp S	F W
Dritz, Harvey Fred, B.S.	Chicago	MED	Med	4	Sp S	F
Driver, Robert Philip	Carrollton	LAS	DGS	Fr		I
Drogemuller, Henry Albert	Elmwood Park	UGRAD			EM	II
Drogin, Florence	Chicago	LAS	Genl	Fr		I II
Dromgoole, Helen Margaret	Springfield	UGRAD			EM	I
Drugof, Martin Samuel	Chicago	LAS	Genl	So		I II
Drum, Mary Louise	Decatur	Jnl	Jnl	Sr		I II
Drury, Lois Maude, B.S., M.S.	Urbana	GRAD	Educ	U	S	
Drusch, Helene Elizabeth	Lincolnwood	EDUC	Genl	Sr		I II
Duba, Dolores Bernadette	Libertyville	LAS	PJnl	Fr		I II
Dubach, Emil Edmund	Ottawa	LAS	PLaw	So		I II
Dubnow, Herbert Benjamin	Chicago	COM	LD	So	S	I II
Duboff, Evelyn	Chicago	LAS	DGS	Fr		I II
DuBois, Jane Byers, B.S.	Champaign	GRAD	Zool	U		I
Dubose, Herman	Chicago	PE	PE	Fr		II
DuBroff, June Merle	Chicago	LAS	Genl	Fr		I II

Ducey, Elizabeth Marcia	Philo	EDUC	GenI	Unc		II
Dudeck, Richard Rufin	Chicago	PHARM	Pharm	1	S	
Dudzik, Mildred Dolores	Chicago	PE	PE	Fr		I II
Dueringer, Evelyn Julia, B.S.	Gibson City	LIB	LibSci	1	S	
Dueringer, Gladys Justine, A.B.	Gibson City	GRAD	Educ	U	S	
Dueringer, Ver Jean Hazel	Elgin	EDUC	GenI	Sr		I II
Duff, Lucile Elizabeth	Chicago	LAS	GenI	Fr		I II
Duff, Ronald Alexander	Chicago	PE	PE	Fr		I
Dugan, Harriett Evelyn	Hinsdale	EDUC	GenI	Sr		I II
Dugan, Mary Elizabeth, A.B.	Burlington, Iowa	LIB	LibSci	1		I II
Dugas, Marie Elizabeth	Westville	LAS	PMed	Jr	S	I II
Dultz, Melvin William	Chicago	COM	LD	Fr		II
Dumelow, Joan Margaret	River Forest	LAS	GenI	So		I II
Dunbar, James David	Philadelphia, Pa.	UGRAD		EM		II
Duncan, Emmanuel	Colp	LAS	GenI	Fr	S	II
Duncan, Goodwin W.	Chicago	PHARM	Pharm	1		W
Duncan, James Ross	Danville	ENG	GenI	Fr		I
Duncan, Jeanne Anne	De Kalb	LAS	GenI	Sr	S	
Duncan, Mary	Champaign	LAS	GenI	Fr		II
Duncan, Minnie Bernice, A.B.	Atlantic, Iowa	LIB	LibSci	1	S	
Duncan, Robert Orvill	Moline	ENG	EE	Fr		I II
Dunkle, Richard Henry	Hinsdale	AGR	GenI	Fr		I II
Dunlop, Kathleen Edith, A.B.	Clarendon Hills	GRAD	Hist	U	S	
Dunlope, Mildred Viola	Grafton			Unc	S	
Dunn, Arthur Seymour	Chicago	DENT	Dent	2	Sp	S F W
Dunn, Barbara Jane	Chicago	LAS	GenI	Fr		I II
Dunn, Barbara Jane Yerby	Monica	LAS	GenI	Sr		I II
Dunn, Beverly Ann	Jonesboro, Ark.	LAS	GenI	Fr		I
Dunn, Charles Donald	Brooklyn, N.Y.	UGRAD		EM		II
Dunn, Ford Robert, B.Ed., M.S.	Pinckneyville	GRAD	Educ	U	S	
Dunn, Gertrude Edith	Sycamore	LAS	GenI	Jr		I II
Dunn, Helen Ann	Litchfield	LAS	PMed	So	S	I II
Dunn, Margaret Jane	Champaign	FAA	Art	Fr		II
Dunn, William Joseph	Wilmette	MED	Med	1		W
Dunnann, James Wallace, Jr.	Paxton	DENT	Dent	2	Sp	S F W
Dunovsky, Dorothy Blanche	Chicago	PHARM	Pharm	4	Sp	S F
Dunseth, Richard	Springfield	UGRAD		EM		I
DuPre, Frances Elizabeth, B.S.	Chey Chase, Md.	GRAD	MusEd	U	S	II
Durre, Lloyd Albert, A.B.	Wood River	GRAD	Hist	U	S	
Dursema, Rosemary Elizabeth	Chicago	LAS	GenI	So		I
Dusek, Frank Charles, A.B., B.S.	Downers Grove	DENT	Dent	4	Sp	S F W
Dushkind, Shirley Ruth, A.B., A.M.	New York, N.Y.	GRAD	Physiol	U	S	I II
Duster, Benjamin Cecil, Jr.	Chicago	ENG	EE	So		I II
Dworkin, Felice	Chicago	LAS	DGS	Fr		I II
Dwyer, Alice Irene	Forest Park	LAS	GenI	So		I II
Dwyer, Amanda Matilda	Roscoe	COM	LD	Fr		I II
Dwyer, John Cornelius, Jr., B.S.	Vancouver, Wash.	MED	Med	4	Sp	S F W
Dwyer, William Burell, B.S.	Chicago	MED	Med	3	Sp	S F W
Dycus, Charles Eugene	Mt. Vernon	ENG	GenI	Fr		I
Dyer, Betty Jane	Chicago	PE	PE	So		I II
Dyer, Darrell Bruce	Clinton	COM	LD	Fr		S I II
Dyer, David Dewey, Jr.	Chicago	LAS	GenI	Fr		I II
Dyer, Robert Lewis	Oak Park	DENT	Dent	2	Sp	S F W
Dyke, Anne Elizabeth van, A.B.	La Grange	MED	Med	2		
Dysinger, Robert Holmes, A.B.	Jacksonville	MED	Med	4	Sp	S F W
Dyson, Barbara Jean	Champaign	LAS	GenI	Fr		I
Dzik, Samuel	New York, N.Y.	ENG	EPhy	Sr	S	
Eads, Dorothy Kathleen	Waukegan	LAS	DGS	Fr		I II
Eames, John Joseph	Chicago	UGRAD		EM		II
Earhart, Benjamin Harlin	Albion	COM	UD	Jr		I II
Earle, Marjorie Pearce	Champaign	PE	Sr		S	I
Earle, Norman Williston	Champaign	LAS	Chem	So		I II
Earlenbaugh, Margaret Anna	Forreston	MED	OccTher	4		S F W
Easter, Elizabeth Laura	Oak Park	LAS	DGS	Fr		I II
Eastman, Raymond Woodrow	Chicago	UGRAD		EM		II
Eastman, William	El Paso	FAA	Mus	Fr		II
Easton, Nelson Roy, A.B.	Champaign	GRAD	Chem	U	S	I II
Eater, John Wells, B.Ed.	Mt. Vernon	GRAD	Educ	U	S	
Eaton, Johanna Stanczyk	Du Quoin	LAS	GenI	Fr		I II
Eberhart, Lavina Edna	Cissna Park	AGR	HEcon	Sr		I II
Eberhart, Warren Robert	Worth	ENG	GenI	Fr	S	
Eberle, Allene Edna	Chicago	AGR	HEcon	Sr		I II
Ebert, Mary Ellen	Marshall, Ind.	LAS	GenI	Fr		II
Ebi, Dorothy Hendel, A.B.	Riverside	LAS	DGS	Irr	S	II
Ebner, Ethel, B.Ed., A.M.	Tonica	GRAD	Educ	U	S	
Ecale, Marian Young	Oak Park	AGR	HEcon	Sr		II
Echt, Raymond Jacob	Chicago	MED	Med	3	Sp	S F W
Echternach, Leona Frances	Genoa	AGR	HEcon	Sr	S	
Ecke, Lyda Mae	Vandalia	LAS	GenI	Sr	S	I II
Eckel, Earl Joseph, B.S.	Champaign	GRAD	MetE	U	S	
Eckert, Alfred Carl, Jr., B.S.	Wheaton	GRAD	Chem	U	S	
Eckert, Phyllis Jean	Wheaton	AGR	HEcon	Jr		I II
Eckhoff, Harold Eugene	Harvel	ENG	CE	Sr	S	
Eckland, Natalie Jane	Chicago	LAS	DGS	Fr		I II
Ecklund, Arthur Ralph	Manitou Springs, Colo.	ENG	GenI	So		I II
Eddelman, Dolores Margaret	Chicago			Unc	S	

Edelman, Richard Joseph	Chicago	MED	Med	1			W
Edgar, Rowena Elizabeth	Urbana	PE	PE	Jr			I II
Edgerton, Kenneth	Chicago	UGRAD		EM			II
Eddie, Robert Dean	Springfield	LAS	PLaw	Jr			II
Edlin, Rose	Peoria	LAS	Genl	Jr			I II
Edlund, Mervale Louis	Royersford, Pa.	ENG	Genl	Fr			I
Edmonds, James Richard	Bloomington	LAS	PLaw	So			I II
Edmonson, Jack Willis Everett	Seagraves, Tex.	UGRAD		EM			II
Edson, Alice Rose, B.S.	West Chicago	GRAD	HEcon	U			I II
Edson, Audrey Janice	Chicago	LAS	PJnl	Fr			II
Edson, Ruth Grace	West Chicago	AGR	HEcon	So			I II
Edwards, Cyra Bedrick	Chicago	LAS	Genl	So			I
Edwards, Delores Rae	Jacksonville, Fla.	AGR	HEcon	So			I
Edwards, Dorothy Jean	Long Point	FAA	Art	Fr			I II
Edwards, Hildreth Noecker, B.S.	Urbana	GRAD	Educ	U			I
Edwards, Jacqueline Jo	Urbana	LAS	Genl	Fr			I II
Edwards, John Howard	Melrose Park	DENT	Dent	2	Sp	S F	W
Edwards, Juanita Mable	Chicago	PE	PE	So			I
Edwards, Kent Ellwood	Berrien Springs, Mich.	DENT	Dent	1			W
Edwards, Lawrence John, B.S.	Waukegan	GRAD	Chem	U		S	I II
Edwards, Richard	Champaign	LAS	Genl	Fr			I
Edwards, Robert Morse	Seattle, Wash.	MED	Med	1			W
Edwards, William Evans	Brownsville, Pa.	MED	Med	1			W
Effland, Roberta Rae	London Mills	LAS	DGS	Fr			I II
Egan, Virginia Guertin	Chicago	LAS	DGS	So			I II
Egbert, James Clifford	La Fayette	FAA	Art	Fr			II
Ege, Carol Catherine	Pittsburgh, Pa.	ENG	CE	Jr		S	I II
Egarter, Jack Glenn	Ingleside	LAS	Genl	Fr			I II
Eggen, Kolbjorn G., B.S.	Chicago	MED	Med	4	Sp	S F	
Eggerding, Ferdinand Ernst	Forest Park	UGRAD		EM			II
Eggleston, Clyde L.	Elmwood Park	UGRAD		EM			II
Ehle, Janice Rhoda	Rock Island	LAS	DGS	So			I II
Ehlen, Edward H.	Chicago	UGRAD		EM			II
Ehlers, Fred Herman	Forest Park	UGRAD		EM			II
Ehmann, Robert William	Chicago	LAS	Genl	So			II
Ehret, Charlotte Eleanor	Belleville	LIB	LibSci	Unc		S	
Ehrhart, Mae M., B.Ed., A.M.	Quincy	GRAD	Educ	EM			I II
Ehrlich, Lee, B.S.	Chicago	MED	Med	4	Sp	S F	
Ehrlich, Martha, B.S., M.S.	Chicago	GRAD	Educ	U		S	
Ehrmann, Henry R.	Chicago	UGRAD		EM			II
Eickhorst, William, B.S., A.M.	Urbana	GRAD		U			
Eidemann, Wanda May	Champaign	LAS	German	Jr		S	I II
Eigenbrodt, Glenn Leopold, A.B.	Fairbault, Minn.	MED	Med	2	Sp	S F	W
Eikleberry, Doris Lucille, B.S.	Fairfield	GRAD	Engl	U		S	
Eikleberry, William Glen, A.B.	Niantic	GRAD	Educ	EM			
Eilen, Rhoda	Woodmere, N.Y.	LAS	Genl	So			I II
Eilers, Meta Dorothea, A.B.	Chapin	GRAD	Educ	U		S	
Einbecker, Kathryn	Highland Park	COM	LD	So			I II
Einhorn, Marilyn	Somerville, N.J.	LAS	Genl	So			I II
Eiriksson, Inge Elly	Reykjavik, Iceland	LAS	Genl	Sr			I
Eisen, Helen	Chicago	LAS	DGS	Fr			II
Eisenberg, Beverly Rae	Chicago	LAS	Genl	Fr			I
Eisenberg, Charlene Sylvia	Chicago	LAS	OccTher	Jr			I II
Eisenberg, Harold Joseph	Chicago	MED	Med	4	Sp	S F	W
Eisenberg, Leland Lincoln	Chicago	LAS	Genl	Jr		S	I II
Eisenberg, Marilyn Patricia	Chicago	LAS	Genl	Fr			I II
Eisenberg, Myrtle	Chicago	PE	PE	So			I II
Eisenbrandt, Helen Virginia	Plainfield	EDUC	Genl	Sr			I II
Eisenrich, Rita Marie	Amboy	LAS	Genl	So			I II
Eisenstaedt, Lorraine Jerald	Chicago	LAS	Genl	Fr			I II
Eisenstein, Seymour	Chicago	PHARM	Pharm	1	Sp	S F	W
Eisikowitz, Philip	Long Beach, N.Y.	LAS	PDent	So			I II
Eisman, Morris Phil	Chicago	DENT	Dent	4	Sp	S F	W
Eisner, Katharine Emmeline	Rockford	LAS	Genl	Sr		S	I II
Eitel, Paul Theodore	Louisville, Ky.	FAA	Arch	Fr			II
Eizen, Harry Solomon	Champaign	UGRAD		EM			II
Ekberg, Arthur Clarence	Chicago	UGRAD		EM			II
Ekstrom, Eric Carl	Rockford	COM	LD	So			I II
Elesh, Donald Jerome	Chicago	PE	PE	Fr			II
Elesh, Fred Saul	Chicago	LAS	Genl	Fr			II
Elich, Robert William, B.S.	Chicago	GRAD	Pharm	1	Sp		
Elisberg, Edward Ira, B.S.	Chicago	MED	Med	4	Sp	S F	
Elkin, Gertrude	Chicago	EDUC	Genl	Jr			I II
Elkins, James Zole	Chicago	COM	LD	Fr			I II
Elledge, Alvena Caroline	Westmont	LAS	Genl	Unc			II
Elledge, Joyce Thelma	Granite City	LAS	Gen	Fr			II
Elledge, Marguerita	Mt. Sterling	LAS	Chem	So			I II
Ellenby, Herman Robert	Chicago	LAS	PMed	Fr		S	I
Ellington, Janet Forbes	Watertown, Wis.	FAA	Arch	So			I II
Elliott, Annabelle Geneva	Morrisonville	COM	UD	Jr			I II
Elliott, Leroy Patton, A.B., A.M.	Peoria	GRAD	Educ	EM			I
Elliott, Marjorie Ruth	Winter Haven, Fla.		Unc	S			
Elliott, Myron Eugene, B.S.	Elgin	MED	Med	1			W
Ellis, Barbara Lee	Clayton, Mo.	LAS	Genl	Sr			I II
Ellis, Geneva Eileen	Rinard	LAS	Genl	So			I
Ellis, Marvin Ira	Chicago	COM	LD	Fr			II

Ellis, Nanceejack	Clayton, Mo.	LAS	Genl	So		I	II
Ellis, Paul Niemeier	Urbana	LAS	Genl	Sr		I	
Ellis, Robert Curtiss	Chicago	ENG	EE	Fr		I	
Ellis, Ruth Evelyn	Arcola	AGR	HEcon	So		I	II
Ellman, Gloria Rose	Chicago	LAS	Genl	Fr		I	
Ellman, Harvard	Chicago	MED	Med	2	Sp S	F	W
Ellich, Ardis Ilene	Moweaqua	GRAD	Accy	U		S	I
Elmberg, Rose Victoria	Sycamore	EDUC	Genl	Sr		S	
Elmore, Robert Vance	Thomasboro	ENG	EE	Fr		I	
Else, Harry Elmo	Chicago	UGRAD		EM		I	II
Elsner, Edwin Benjamin	Springfield	UGRAD		EM			
Elwell, Robert Hawks, B.S.	Serena	DENT	Dent	2	Sp S	F	W
Embry, Eloise Earl	Champaign	LAS	Genl	Fr		I	II
Emery, Herschell Gene	Mt. Vernon	LAS	Genl	Sr		I	II
Emge, Robert George	Buffalo, N.Y.	LAS	Genl	So		I	II
Emig, Herbert Martin, Ph.G., B.S., M.S.	Chicago	GRAD	Pharmacol	C		F	W
Emly, Barbara Jane	Urbana	ENG	AgEng	Jr	S	I	II
Emrick, John Eugene	Aledo	COM	LD	Fr		I	
Emsing, Dorothy Ann	Urbana	LAS	Genl	Sr	S	I	II
Endicott, Jack Bunker	Chicago	COM	LD	Fr		I	II
Endress, Charles Ronald	Pearl City	LAS	PMed	Fr		I	II
Endsley, Dorothy Jane	Champaign	AGR	HEcon	Fr		I	II
Enevald, Rose Doris	Libertyville	JNL	EJnl	Fr		I	II
Engan, Henry George, Jr.	Park Ridge	FAA	Arch	Fr		I	II
Engbrecht, Edith Laura	Chicago	JNL	Jnl	Sr		I	II
Engel, Dorothy Mae	Bloomington	LAS	Genl	Fr		I	
Engel, Janet Lucinne	Springfield	LAS	Genl	So		I	
Engel, Margaret Phelps	Chicago	LAS	DGS	Fr		I	II
Engelbrecht, Margie Catherine, B.F.A.	Watseka	GRAD	Educ	U	S		
Engelhart, John Frederick	New Haven, Conn.	PE	PE	Fr		I	
Engeling, Raymond Eugene	Morrisonville	ENG	ME	Fr		I	
Engemoen, May Louise	Freeport	LAS	Genl	Fr		I	II
Engle, Shirley H., B.S., M.S.	Urbana	GRAD	Educ	U	S		II
Enlow, Nellie Alberta	Martinton	LAS	Genl	Fr		S	
Ennor, Tirza, A.B., A.M.	La Salle	GRAD	Educ	EM		I	
Enos, Herman Isaac, Jr., A.B., M.S.	Wilmar, Calif.	GRAD	Chem	U	S	I	II
Enyler, Fred Walter	Chicago	UGRAD		EM		I	II
Epley, Bess Janet	Auburn	UGRAD		EM		I	II
Epperson, Amzi Theodore, B.S., A.M.	Mt. Vernon	GRAD	Educ	U	S		
Epstein, Arthur Irwin	Dwight	DENT	Dent	2	Sp S	F	
Epstein, Edward Sidney	Chicago	LAS	Genl	So		I	II
Epstein, Elaine Janet	Chicago	LAS	Genl	Sr		I	II
Epstein, Marjorie Lois	Chicago	LAS	Genl	So		I	II
Epstein, Phillip	Chicago	LAS	PMed	Fr		I	
Erbes, Raymond Gustave, Jr.	Mendota	EDUC	Genl	Jr	S		
Erdahl, Eleanor Pauline, B.S.	Frost, Minn.	LAS	EOccTher	Irr			II
Ergüven, Ali, B.S.	Kagizman, Turkey	GRAD	MetE	U	S	I	II
Erickson, Addison Howard	Rockford	MED	Med	1			W
Erickson, Anton Earl, B.S.	Urbana	GRAD	Agron	U			II
Erickson, Charles Eugene	Manteno	AGR	Genl	Fr		I	II
Erickson, Jean Elise	Urbana	LAS	Genl	Fr		I	II
Erickson, John Elmer, B.S.	Paxton	DENT	Dent	4	Sp S	F	
Erickson, Oswald Philip, A.B., B.S.	Fillmore, N.Dak.	MED	Med	4	Sp S	F	W
Erickson, Shirley Ann	Rockford	LAS	Genl	Sr		I	II
Erickson, Shirley Ann	Clouet, Minn.	LAS	OccTher	So		I	II
Erickson, Waldemar Eugene, Jr.	Park Ridge	COM	LD	Jr		I	II
Erikson, Grace Marion	Winnetka	LAS	Genl	Sr		I	
Erikson, Roland Edward, A.B.	Moline	MED	Med	4	Sp S	F	
Erio, Robert Edgar	Bulpitt	ENG	ME	Fr		I	
Eris, Mustafa Cuneyt	Ankara, Turkey	LAS	Genl	Jr	S		II
Erispaha, Sahir	Istanbul, Turkey	ENG	ME	So		I	II
Erley, Richard Arthur	Chicago	ENG	ME	Fr		I	
Ernst, Thelma	Warsaw	AGR	HEcon	Jr		I	II
Erzen, Cevdet Ali, B.S., M.S.	Izmir, Turkey	GRAD	CE	U	S	I	II
Erzinger, Homer Jerome, Jr.	Dixon	LAS	PLaw	Fr		S	
Esbensen, Victor George	Eagle River, Wis.	DENT	Dent	3	Sp S	F	W
Esberner, Carolyn June	Chicago	MED	Med	1			
Eschbach, Robert Anthony	Chicago	ENG	Genl	Fr		I	II
Eschelbacher, Hubert	Mt. Vernon, N.Y.	LAS	Pjnl	Fr		I	II
Escmel, Marcelo	Lima, Peru	ENG	AeroE.	So	S	I	II
Esenher, Shirley Eileen	Chicago	LAS	OccTher	U		I	II
Eshleman, Robert Forney, B.S., M.S.	Florin, Pa.	GRAD	AgEcon	U	S		
Eshlinger, Dorothy Osborne	Danville	LAS	Genl	Sr		I	II
Espel, Dale Olof	Princeton	AGR	Genl	Fr		I	II
Esper, Leonard	Springfield	DENT	Dent	1	Sp S		
Esposito, Carmen Thomas	Chicago	ENG	CE	Fr		I	
Esposito, Raymond Gabriel Paul	Clifton, N.J.	LAS	Genl	Fr	S	I	II
Esrom, Marie	Chicago	FAA	Mus	Sr		I	II
Essenpreis, Maryanne Louise	Champaign	FAA	Art	So		I	II
Esserman, Ronald Earl	Chicago	LAS	Genl	Fr		I	II
Esters, Betty Jeanne	Indianapolis, Ind.	LAS	Genl	So		I	II
Estwing, Norman Evans	Rockford	COM	LD	Fr		I	II
Etherton, Edson Lester, B.S.	Chicago	MED	Med	4	Sp S	F	W
Eubanks, Audrey Yvonne	Chicago	EDUC	Genl	Sr	S		
Evangelatos, Frances	Chicago	LAS	Genl	Fr		I	
Evans, Arthur Eugene	Carrollton	LAS	PMed	Fr		I	

Evans, Doris Jean	Pontiac	LAS	PJnl	Fr			I	II
Evans, Elizabeth Rose	Murphysboro	LAS	Genl	Jr	S		I	II
Evans, Helen Rae	Chicago	LAS	Genl	So	S		I	II
Evans, John Wesley, Jr.	Chicago	UGRAD		EM				II
Evans, Mary Louise, B.Ed., A.M.	Urbana	GRAD	Engl	U			I	
Evans, Maxine Mildred	Carmi	LAS	PMed	So			I	II
Evans, Merthyn Edwin	Grand Rapids, Mich.	UGRAD		EM				II
Evans, Nancy Jean	Waukegan	LAS	DGS	Fr			I	II
Evans, Norma	Chicago	LAS	Genl	Fr				II
Evans, Patricia Helen	Urbana	LAS	Genl	So	S			
Evans, Robert Allen, B.Ed.	Roberts	GRAD	Educ	U			I	II
Evans, Ruth Frantz	Champaign	AGR	HEcon	Sr	S		I	II
Evans, Ulmont L., B.Ed.	Shelbyville	GRAD	Educ	U	S		I	II
Eveland, Doris Jean Metzler	Champaign	LAS	Genl	Sr			I	II
Evers, Harriett Hester	Metropolis	AGR	HEcon	Fr			I	
Eversole, William Paul	Shelbyville	ENG	ME	So				I
Everson, Dorothy Mae	Champaign	EDUC	Genl	Jr	S		S	F
Ewart, Fred Egerton, B.S.	Chicago	MED	Med	4	Sp		S	F
Ewart, Hugh Winchester	Chicago	FAA	Mus	Sr			I	II
Ewing, Lillian Avis, B.Ed.	Benton	GRAD	Educ	U	S			
Ewing, William Thomas, B.S.	Blue Island	GRAD	Educ	EM			I	II
Exstein, Mariette Francis	Chicago	LAS	Genl	So			I	II
Eyde, Ralph Lawrence	Rockford	COM	LD	Fr				II
Eyman, Bernard Duane	Keokuk, Iowa	ENG	EPhy	Fr	S			
Fabert, Ada Elizabeth	Philo	LAS	Genl	Fr				I
Fabishak, Vernon Laurence	West Allis, Wis.	LAS	Chem	So				II
Fahler, Charles Franklin, B.S.	Mendota	GRAD	Econ	U	S			
Fahler, Marjorie Edith	Mendota			Unc	S			
Faierberg, Carl Robert	Chicago	ENG	CE	Fr				II
Fairbank, Margery	West Chicago	FAA	Art	Sr	S		I	II
Fairbanks, Alina Margaret	Urbana	FAA	Mus	Jr			I	II
Fairfield, Eliza Ann	La Grange	FAA	Art	So			I	II
Fairman, Arthur	West Lafayette, Ind.	FAA	Art	So	S		I	II
Fairvalley, Jay Charles	Riverside	COM	LD	Fr				II
Falconer, Roland	Urbana	LAS	Genl	Fr				II
Falgoust, James Durward	Baton Rouge, La.	UGRAD		EM				II
Falk, Erika Irmgard	Chicago	LAS	Genl	Fr				I
Falknor, Mary Ann	Flossmoor	LAS	Genl	Fr				I
Falkoff, Esther Penelope	Chicago	LAS	Genl	So	S		I	II
Falls, John Laurence	River Forest	MED	Med	2	Sp		S	F
Falstein, Phyllis Dale	Chicago	EDUC	Genl	Sr			I	II
Falzone, Howard Haley	Chicago	LAS	DGS	Fr				II
Fankhauser, Harold Ray	Mannington, W.Va.	COM	LD	Fr				II
Fanning, Walter Earl	Plano	LAS	PDent	Fr	S			
Fanning, William Joseph	Chicago	COM	LD	So			I	II
Fanti, Mary Domonica, B.S.	Staunton	GRAD	Geog	U	S			
Fantucci, Russell Martin	Chicago	LAS	PJnl	Fr				II
Farahan, William George	Philadelphia, Pa.	MED	Med	1				W
Farha, Louise, A.B., A.M.	Quincy	GRAD	Educ	EM				II
Farha, Ruth Elaine	Quincy	LAS	Genl	Sr				I
Farley, Betty Jean	Chatham	LAS	Genl	Sr	S		I	II
Farley, Daniel G.	Chicago	UGRAD		EM				II
Farley, Norma Jean	Sadorus	LAS	Genl	Fr				II
Farlow, Ida Mae	Urbana	LAS	Genl	Jr	S		I	II
Farnelt, Henrietta Cornelia	Barrington	LAS	Genl	So			I	II
Farney, Patrick William, B.Ed., A.M.	Peoria	GRAD	Hist	EM				II
Farr, Fern Elaine	Park Ridge	AGR	HEcon	Fr				II
Farr, John William	Des Plaines	LAS	PLaw	Fr				II
Farr, Margaret Ann	Urbana	FAA	Mus	Sr	S		I	II
Farrar, Harold John	Mt. Carmel	ENG	ME	Fr				II
Farrell, Roger J.	Salt Lake City, Utah	UGRAD		EM				II
Fascilla, Lenore Marie	Chicago	LAS	PJnl	Fr	S			
Fasman, Jack	Chicago	LAS	Genl	So			I	II
Fath, Joseph Emmett	New York, N.Y.	JNL	EJnl	Fr			I	II
Faul, Clarice R.	Peoria	MED	Med	3	Sp		S	F
Faulkner, June Lois	Rockford	LAS	OccTher	Fr	Sp		I	II
Faust, Les Ralph	Des Plaines	PE	PE	Fr				I
Faust, Margot, A.B.	Chicago	MED	EOccTher	Irr	S		F	
Faust, Marjorie Ellen	Woodstock	LAS	DGS	Fr				I
Fawver, Betty Jane, B.Ed.	Green Valley	LIB	LibSci	1	S		I	
Faye, Christopher	Urbana	ENG	EPhy	Jr	S		I	II
Fazakerly, George Mitchell	Monroe, La.	UGRAD		EM				II
Fazekas, Matilda Veronica	Georgetown	LAS	PJnl	So			I	II
Fearn, Harold George, B.Ed.	Elgin	GRAD	Educ	EM			I	II
Feder, Burton	Chicago	COM	LD	Fr				II
Feder, Franklin Hobart	Chicago	LAS	Genl	So	S		I	II
Fedosky, Virginia Grace	Calumet City	PE	PE	Jr			I	II
Feeney, Emmett	Springfield	UGRAD		EM				I
Fefer, Cyril	Chicago	LAS	ChEng	Fr				II
Fehner, Ruth Marie	Urbana	LAS	OccTher	Fr				I
Fehrenbacher, Florence Christine	Urbana	LAS	Genl	Fr				I
Feiertag, Lester August, B.S., M.S.	Milwaukee, Wis.	GRAD	Pharmacog	C	Sp			II
Feigen, Rose Lee	Chicago	LAS	Genl	Fr				II
Feimster, Jack	Wilmot, Ark.	UGRAD		EM				II
Fein, Winifred Elayne	Chicago	FAA	Mus	Fr				I



Feinberg, Freda Belle	Oskaloosa, Iowa	COM	LD	Fr	I	
Feinstein, Jeanne	St. Louis, Mo.	LAS	Genl	Jr	I	II
Feld, Myron, B.S.	Chicago	MED	Med	3	Sp	S F W
Feldman, Annamae	Chicago	LAS	Genl	Fr	I	II
Feldman, Barbara Jeanne	New York, N.Y.	LAS	Genl	Fr	I	II
Feldman, Earl Edwin, B.S.	Mt. Vernon	DENT	Dent	4		W
Feldman, Isaac, B.S.	Arlington, Va.	GRAD	Chem	U		I II
Feldman, Joyce Eileen	Chicago	LAS	Genl	Fr	I	II
Feldman, Lloyd Solomon, A.B.	Chicago	LAS	Chem	Sr	S	
Feldman, Maxine Shirley	Chicago	LAS	Genl	Fr	I	II
Feldman, William Carl	Kingston, N.Y.	LAS	PDent	Jr	S	
Feldmann, Jeanne Marie	Champaign	LAS	Genl	Fr	I	II
Fellnar, John Joseph	Belleville	ENG	Genl	Fr	I	II
Felner, Gloria Phyllis	Chicago	LAS	Genl	Fr	I	II
Felsenthal, Shirley Jane	Chicago	LAS	PMed	So	S	I II
Felt, Katherine	Galesburg	LAS	Genl	So	I	II
Feltman, Shirlee Rose	Huntington, Ind.	LAS	Genl	Jr	I	II
Felton, Johnetta Bennie	Chicago	LAS	Genl	Jr	S	
Fenichel, Shirlee Anne	Chicago	LAS	Genl	So	I	II
Fenster, Abraham Samuel	Chicago	LAS	ChEng	So	S	I II
Fenster, Peggy Yola, B.S.	Chicago	GRAD	Med	C		W
Fenton, Frances H.	Maywood	PHARM	Pharm	1		W
Ferber, Alexander Bentley	New York, N.Y.	UGRAD		EM		II
Fergrieve, Dorothy Lucille	Berwyn	LAS	Genl	Jr	I	II
Ferguson, Dalton Hart	Winthrop, Mass.	UGRAD		EM		II
Ferguson, Milton Stansfield	Oak Park	ENG	EE	Fr	I	II
Ferguson, William Clyde, B.S., M.S.	Champaign	GRAD	Entom	U	S	I II
Ferrari, Gemina Marie	Spring Valley	MED	Med	1	S	I II
Ferree, Alice Jane	Decatur	JNL	Jnl	Sr	S	I II
Ferreira, Cesar Guillermo	Asuncion, Paraguay	COM	UD	Jr	S	I II
Ferrell, Maxine, B.S.	Des Moines, Iowa	LAS	EOccTher	Irr		II
Ferry, Helen Elizabeth Lyman	Niantic	LAS	Genl	Jr	I	
Ferry, John Donald	Chrisman	MED	Med	3	Sp	S F W
Ferstandig, Louis Lloyd, B.S.	Brooklyn, N.Y.	LAS	Chem	Sr	S	
Feurer, Barbara Ann	Streator	LAS	DGS	Fr	I	II
Fiedler, Betty Lou	Waterloo	AGR	HEcon	Fr	I	II
Fiedler, George Frank, Jr.	Blue Island	ENG	ME	Fr	I	II
Field, Burgess Arthur	Palatine	UGRAD		EM		II
Field, Theola Pearl	Hinsdale	FAA	Art	So	I	II
Fieldcamp, Mary Jean	Sauemin	LAS	Genl	Fr	I	II
Fields, Margaret Otis, B.S.	Moline	LIB	LibSci	1		
Fields, Morris	Chicago	LAS	Genl	So	S	I II
Fields, Sam	Chicago	DENT	Dent	4	Sp	S F W
Fierce, Francis Marion, Jr.	Westmont	DENT	Dent	3	Sp	S F W
Fierke, Miscal Leon, B.Ed., M.S.	Carbondale	GRAD	Bact	C	Sp	
Figanbaum, Irma R.	Chicago	PE	PE	Fr		II
Fijan, Kenneth James Paul, B.M.	Granite City	MED	Med	4	Sp	S F W
Filipeck, Vivian Eleanor	Chicago	COM	LD	Fr	I	II
Filler, Charles Thomas	Chicago	LAS	Genl	Fr	I	II
Filler, John Ryan Joseph	Chicago	LAS	Genl	Fr	I	
Fillingham, Marion Eileen	Pontiac	AGR	HEcon	So	I	II
Fillman, Eldon M.	Gardner	MED	Med	4	Sp	S F
Finch, Donna Joan	Jackson, Mich.	LAS	OccTher	Fr	I	II
Finch, Natalie Ann	New Kensington, Pa.	LAS	OccTher	So	I	II
Fincham, Nellie Jean	Pratt, Kans.	COM	LD	So	I	
Finder, Earl Frederick, B.S.	Champaign	GRAD	Accy	U	S	I II
Findley, William Nichols, B.S., M.S.	Princeton	FAA	Mus	Irr		II
Fine, Albert Max	Chicago	LAS	PMed	Fr	S	
Fine, Muriel	Chicago	LAS	PJnl	Fr	I	II
Finestone, Judith	Chicago	LAS	Genl	Fr	I	II
Finger, Dorothy Louise	Bloomington	LAS	Genl	So	I	II
Finger, Jean Dorothy	Downers Grove	LAS	DGS	Sr	I	II
Finger, Marie Shirley	Downers Grove	LAS	Genl	Jr	I	II
Fink, Aaron John	Chicago	LAS	Genl	So	S	I II
Fink, Alan Donald	Chicago	COM	UD	Jr	I	II
Fink, Carolyn Bea	Chicago	COM	PMed	Jr	I	II
Fink, Dorothy Rose	Berwyn	PE	PE	Jr	I	
Fink, Ethelyn Iris	Kansas City, Mo.	LAS	Genl	Fr	I	II
Fink, Shirley	Chicago	LAS	Genl	So	I	
Finley, Clara Mildred	Sparta	EDUC	Genl	Sr	S	
Finley, Jeanne Elizabeth	Hoopeston	AGR	HEcon	Fr	I	II
Finney, George William	Memphis, Tenn.	LAS	Genl	Fr	I	II
Finny, Otis	Chicago	PE	PE	Fr	I	II
Finucane, Daniel Dillion	Chicago	PE	PE	Fr	S	
Firebaugh, Lucinda Ellen	Mt. Vernon	LAS	Genl	Fr	I	II
Firfer, Raymond	Chicago	LAS	PMed	So	I	II
Fisch, Theodore, A.B.	Newark, N.J.	GRAD	Hist	U	S	I II
Fischel, Shirlee Jean	Chicago	LAS	Genl	Fr	I	II
Fischer, Arthur Robert	Berwyn	MED	Med	3	Sp	S F W
Fischer, Francis Elmer	Waukegan	LAS	Chem	Sr	I	II
Fischer, Horace Ray	River Forest	UGRAD		EM		II
Fischer, Joann	Oak Park	LAS	DGS	Fr	I	
Fischer, Robert Blanchard, B.S., M.S.	Wheaton	GRAD	Chem	U	I	II
Fischhoff, Joseph	Detroit, Mich.	MED	Med	1		II
Fischmann, Robert Erwin	Chicago	LAS	PDent	Fr	S	I

Fish, Phyllis Drennan	Taylorville	JNL	Jnl	Sr	I	II
Fisher, Ben	Milwaukee, Wis.	MED	Med	1		W
Fisher, Betty June	Urbana	COM	LD	Fr		I II
Fisher, Betty Pearce, B.S.	Champaign	GRAD	HEcon	U		I
Fisher, Edith	Chicago	LAS	Genl	Sr		I II
Fisher, Faye Elizabeth	Champaign	LAS	Genl	Fr		I II
Fisher, Ferris C.	Forest Park	UGRAD		EM		II
Fisher, George Edison, A.B., A.M., B.D.	Champaign	GRAD	Eng	U		I
Fisher, Geraldine Mary	Chicago	LAS	Genl	Jr		I II
Fisher, Glen Elwyn	Muscataine, Iowa	ENG	Genl	So		I II
Fisher, Gussie Lorraine, A.B.	Bement	GRAD	Math	U	S	II
Fisher, Gwendolyn, A.B., B.S.	South Bend, Ind.	GRAD	LibSci	U	S	
Fisher, Jacqueline Norma	Saverton, Mo.	LAS	Genl	Fr		II
Fisher, Lowell Burdette, B.Ed., A.M.	Urbana	GRAD	Educ	U	S	II
Fisher, Lu Anne Brown	Danville	LAS	Genl	Sr		I II
Fisher, Mary Louise, B.S., M.S.	Bement	GRAD	Math	U	S	
Fisher, Nathalie Olga, A.B.	St. Louis, Mo.	GRAD	Educ	EM		I II
Fisher, Ralph Morton, B.S.	Chicago	MED	Med	4	Sp S	F
Fisher, John Jeremiaah, Jr.	Hinsdale	ENG	ME	So		I II
Fishman, Lorraine Marsha	Chicago	LAS	Genl	Jr		I II
Fishman, Shirley Edythe	St. Louis, Mo.	LAS	Genl	So		I II
Fisk, Robert Harold	North Weare, N.H.	UGRAD		EM		II
Fisk, Sophie L., Ph.B., A.M.	Chicago	GRAD	French	U		II
Fitch, Francis T., M.D.	Parsons, Kans.	MED	Laryng	PG		F
Fitch, Grace Louise, A.B.	Jacksonville	GRAD	Educ	EM	S	I
Fitch, John Gene	Barry	ENG	ME	So	S	I
Fitzgerald, William Joseph, A.B.	Jamaica, N.Y.	GRAD	Hist	U		II
Fitzgibbon, Clyde Robert	Chicago	LAS	ChEng	Fr		I II
Fitzgibbon, Helen Marie	Springfield	UGRAD		EM		I
Fitzpatrick, Emmitt Martin	Chicago	UGRAD		EM		II
Fitzpatrick, Ramona Patricia	Arlington	AGR	HEcon	Jr	S	I II
Fitzsimmons, Cleo, B.S., M.S.	Urbana	GRAD	Econ	U	S	I
Fitzwater, Robert Maurice	Monticello	COM	LD	So		I II
Flaherty, James Edward	Rock Island	COM	LD	Fr	S	
Flaherty, James Joseph	Spring Valley	MED	Med	3	Sp S	F W
Flaherty, Neil Francis	Oak Park	MED	Med	3	Sp S	F W
Flanagan, John Ramsey	Thompsonville	LAS	Chem	Fr		II
Flanagin, Mary Patricia	Peoria	LAS	Genl	Fr		I II
Flannery, Francis Edward, A.B.	Decatur	MED	Med	4	Sp S	F W
Flatt, Stephen Ford	Baltimore, Md.	AGR	Genl	Fr		I II
Flau, Norman Carl	Nebraska City, Nebr.	MED	MED	4	Sp S	F W
Fleer, Edward Herman, A.B., A.M.	Lake Forest	GRAD	Educ	EM		I
Fleharty, Elizabeth Jean	Beardstown	LAS	Genl	So		I II
Fleischner, Jerry Robert	Chicago	LAS	Genl	Fr	S	I
Fleisher, Beverly	Tulsa, Okla.	LAS	Genl	Fr		I II
Fleishman, Mitzi Marion	Chicago	LAS	Genl	Jr		I II
Fleishman, Phillip Norman	Chicago	COM	LD	So	S	I II
Fleming, Betty Lou	Indianapolis, Ind.	LAS	Genl	Fr		II
Fleming, Earl William	Western Springs	COM	UD	Sr	S	I II
Fleming, George, B.S.	Thayer	MED	Med	1		W
Fleming, James Scott	Leland	PE	PE	Fr		I II
Flenniken, Bonnie Jean	St. Joseph	FAA	Mus	So	S	I II
Flentie, Ruth Conrad	Arlington Heights	LAS	Genl	Unc		II
Flesher, Jeanne Winifred	Chicago	LAS	DGS	Fr		I II
Flesher, Joyce Joan	Champaign	LAS	DGS	Fr		I II
Flesher, Raymond Cyril	Westville	JNL	Jnl	Sr	S	I II
Flesner, Verna Louise	Rantoul	LAS	Genl	Fr		II
Fletcher, Charlotte Anna	Urbana	LAS	DGS	Jr		I II
Fletcher, Mary Patricia	Chicago	JNL	EJnl	So		I II
Flick, Layo Neil	Barry	ENG	AgEng	Fr		I II
Flint, Richard M.	Galesburg, Mich.	UGRAD		EM		II
Flock, Margot Louise	Barrington	LAS	Genl	Fr		I II
Flodberg, Evelyn Lois	Chicago	LAS	PMed	So		I II
Flora, Ralph Frederick	Hoopeston	COM	UD	Sr		II
Flowerree, Trennace, B.S., M.S.	Easton	AGR	Genl	Irr		I
Flowers, Jay Charles, A.B.	Bondville	LAW	Law	2	S	I II
Flowers, Phyllis Doris	Lexington, Miss.	LAS	Genl	Fr		I
Floyd, Charles Brian	Woodville, Miss.	ENG	ME	Fr		II
Fluegge, June Claire	Chicago	LAS	OccTher	Jr		I
Flum, Paul Lewis	Oak Park	COM	UD	Sr	S	I
Flynn, George William	Elizabethtown	LAS	Genl	So		I II
Flynn, Ruth Gertrude, B.Ed.	Danville	GRAD	Educ	U		I II
Foerster, Lillian Henrietta	Maywood	LAS	Genl	Sr		I
Fogarty, Stanley Myron	Chicago	FAA	Arch	Fr		I
Fogel, Morton Harris	Chicago	AGR	Med	Fr		I
Fogelman, Morris Joseph, A.B.	Chicago	MED	Med	4	Sp S	F
Fohl, Norma Eileen, B.S.	Milwaukee, Wis.	MED	EOccTher	Irr		I W
Fohrman, Elsie	Chicago	LAS	Genl	Fr		I
Folck, Donna Lee	Peoria	LAS	Genl	Fr		I II
Foley, Bette Jane	Elmhurst	AGR	Genl	Fr		I II
Foley, Donald James, A.B., A.M.	Chicago	GRAD	Latin	U	S	I II
Follmer, John Richard	Pontiac	COM	UD	Sr		I II
Folwell, Robert Cook, III, B.S.	Mullica Hill, N.J.	DENT	Dent	1	Sp S	I II
Foosaner, Betty	Chicago	LAS	Genl	Fr		I II
Foot, Annette Bebe	Chicago	LAS	Genl	Fr		I II
Foot, Donald Lee	Urbana	LAS	Genl	Jr		I II

Foote, Gaston Wayne	Jacksonville	ENG	Genl	Fr	I	II
Foote, John Hiland	Champaign	DSSWV	Unc			II
Forbes, Germaine Catherine	Mossville	LAS	PJni	Jr	I	II
Forbis, Dorothy Margaret, A.B., A.M.	Wellington, Tex.	GRAD	Engl	U	I	II
Ford, Alice Elmina	Bone Gap	AGR	HEcon	Sr	I	II
Ford, Betty Louise	East St. Louis	LAS	Genl	Jr	I	II
Ford, Frederick Clarence	St. Louis, Mo.	COM	LD	Fr	I	II
Ford, George Ellsworth Maxwell	Bone Gap	AGR	Fr		S	
Ford, Irene Carroll, A.B., B.S.	Urbana	GRAD	LibSci	U	S	I II
Ford, James Robert	Greenfield	AGR	Voc	Jr		I II
Fordham, Owen Arthur, B.S.	Marseilles	GRAD	Educ	EM		I
Foreman, Denese Adele	Morrison	AGR	HEcon	Fr		I II
Forman, Irving Morton	Chicago	MED	Med	3	Sp S	F W
Forman, Max	Revere, Mass.	MED	Med	1		W
Forney, Ellen Elizabeth	Varna	AGR	HEcon	Sr		I II
Forrest, Russell Arthur, B.S.	Quincy	MED	Med	4	Sp S	F
Forsath, Virginia Louise	Rockford	LAS	Chem	Fr		I II
Forst, Lawrence Henry	Chicago	ENG	CE	Sr	S	I II
Forsythe, Elizabeth Anne	Mt. Sterling	AGR	HEcon	Fr		I II
Fort, Lulu Louise, B.Ed.	Clinton	GRAD	Educ	EM		I
Fortner, Joseph Gerald, B.S.	Vincennes, Ind.	MED	Med	4	Sp S	F W
Fosnaugh, Irwin S., A.B.	Maroa	GRAD	Econ	U		II
Fosnaugh, Ruth Conley, A.B., A.M.	Champaign	GRAD	Span	U	S	I II
Foss, Addison Burr	Rockford	LAS	Genl	Sr		I II
Fosse, Frances Olive, B.Ed.	Rockford	GRAD	Educ	EM		I
Fossil, Agnes Berniece	Paxton	LAS	Genl	Jr		I II
Foster, Elizabeth Jane	Oak Park	LAS	Chem	Sr	S	I II
Foster, Frank Russell, A.B.	Bloomington	Grad	SWA	U		I
Foster, Harley Whitney, B.Ed.	Chadwick	Grad	Educ	U	S	
Foster, Thomas Jackson	Denver, Colo.	ENG	EE	Unc		II
Foster, Virginia Louise	Springfield	LAS	Genl	So		I II
Foutz, William Stanford	Cleveland, Ohio	MED	Med	2	Sp S	F W
Fournet, Jeannette Marie, B.Ed.	Crookston, Minn.	LAS	EOccTher	Irr		II
Fowler, Aleen Verna	Rochelle	LAS	Genl	Sr		I II
Fowler, Edson Fairbrother, A.B., B.M., M.D.	Evanston	GRAD	Surg	C	S	II
Fowle, Robert Elmer	Utica	LAS	Genl	Fr		I II
Fox, Eleanore Ruth	Chicago	LAS	Genl	Jr		I II
Fox, Jeanne Warsaw	Chicago	LAS	Genl	Fr		II
Fox, John Aloysius, A.B.	Hartford, Conn.	EDUC	Genl	Irr		I II
Fox, Marjorie Eileen	East Alton	LAS	Genl	Sr		I II
Fox, Mary Frances	Marshall	AGR	HEcon	Jr		I II
Fox, Mary Jane, B.S.	Chicago	GRAD	Chem	U		I II
Fox, Ralph Kenneth, B.Ed., A.M.	Augusta	GRAD	Educ	U	S	
Fox, Ruth Rich	Harvard	PE	PE	Sr		II
Fox, Virginia Rose, B.S.	San Jose	GRAD	HEcon	U	S	
Foy, Edgar Alfred	Dallas, Tex.	COM	LD	Fr	S	
Fralay, Karyl Jane	Crystal Lake	LAS	DGS	Jr		I II
Framberg, Louise Evelyn	Chicago	LAS	OccTher	Sr		I II
Frame, Helen Kathleen	Hoopeston	LAS	Genl	So		I II
France, Bruce Abraham, Jr.	Brentwood, Md.	GRAD	Engl	U	S	I II
Francis, Hilda	Chicago	LAS	Genl	Fr		I
Francis, John Armstrong	Champaign	LAS	Genl	Fr		I
Francis, Marilyn Ann	Springfield	COM	LD	Fr		I II
Francis, Marjorie May	St. Louis, Mo.	LAS	Genl	Fr		I II
Francisco, Charles Junior	Urbana	LAS	PJni	So	S	I II
Francois, Lenore Marguerite	Maywood	LAS	Genl	So		I II
Frangias, Sophia	Chicago	LAS	Genl	Fr		I II
Frank, Arthur	Chicago	UGRAD	EM			II
Frank, Beverly Doris	Joliet	LAS	Genl	Jr		I II
Frank, Charles William	Bloomington	COM	LD	Fr		I II
Frank, Emily Lou	Golconda	COM	UD	Jr		I II
Frank, James Louis, B.S., Ph.C.	Cicero	DENT	Dent	4	Sp S	F
Frank, Melvin Daniel	Lombard	LAS	Chem	Fr		I II
Frank, Norman Morton	Chicago	MED	Med	3	Sp S	F W
Franko, Mervel Schroeder	Geneseo	AGR	HEcon	Jr		S II
Frankel, Harriet	Chicago	FAA	Art	Fr		S I
Frankel, Jane Ann	Chicago	LAS	Genl	Fr		S I
Frankel, Nancy Patricia	Chicago	LAS	Genl	Jr		I II
Frankenberg, Marie Adele	Cincinnati, Ohio	LAS	Genl	Fr		I II
Franklin, Constance Mae	St. Anne	LAS	DGS	Jr	S	I II
Franklin, George Joseph	Chicago	UGRAD	EM			II
Franklin, Harold Ray, Jr.	St. Anne	LAS	Genl	So	S	I II
Franklin, Howard Bernard	Chicago	ENG	EE			I II
Franklin, Jacob Baer, D.D.S.	Milwaukee, Wis.	DENT	Dent	Spec		F W
Franklin, Margery Anne	Rockford	LAS	Genl	So		I II
Franklin, Martha Dell	De Kalb	PE	PE	Jr		I II
Frantz, Royene D., B.S.	Champaign	GRAD	HEcon	U	S	I II
Frasca, Jane Louise	Braidwood	LAS	DGS	Fr		I II
Fraser, Ann Blanding, B.S.	Oswego, S.C.	LAS	EOccTher	Irr		II
Fraser, Arthur Evan, Jr., B.S.	Wapella	GRAD	Educ	EM		I
Frasure, Kenneth Jones, B.Ed., A.M.	Humboldt	GRAD	Educ	U	S	
Frawley, Daniel Donald	Wausau, Wis.	MED	Med	1		W
Frazier, Elizabeth Ann	Winnebago	FAA	Art	So		I
Frazier, Glenn Greve	Centralia	FAA	Arch	So		I II
Frazier, Todd Mearl, Ph.B.	Onarga	GRAD	Educ	U	S	I II

Freda, Kathryn Florence	Oak Park	LAS	Genl	Jr				I	II
Frederick, Laurence Davis, B.S.	Chicago	MED	Med	4	Sp	S	F	W	
Frederick, William E., B.S.	Maywood	MED	Med	4	Sp	S	F		
Frederickson, Betty L.	Roseau, Minn.	AGR	HEcon	Jr				I	II
Fredrich, Carl Reinhold	Chicago	UGRAD		EM					II
Fredricksen, Charleston S.	Chicago	UGRAD		EM					II
Freeark, Robert James	Chicago	PE	PE	So				I	II
Freeburg, Beverly Ruth	Evanston	PE	PE	Fr				I	II
Freedman, Daniel George	Chicago	LAS	DGS	So		S	I		
Freedman, Harold Motel	Chicago	FAA	Art	Fr					II
Freedman, Kenneth Marvin	Chicago	LAS	PMed	Fr		S	I		
Freedman, Sidney	Chicago	LAS	Genl	So				I	II
Freeman, Dorothy Crawford	Urbana	AGR	HEcon	Sr				I	II
Freeman, Florine	Chicago	EDUC	Genl	Sr				I	II
Freeman, Helen Greene, B.S.	Danville	GRAD	Educ	U				I	II
Freeman, Lawrence Earl	Chicago	LAS	ChEng	Fr				I	II
Freeman, Lelabelle Christine, A.B.	Chicago	GRAD	Physiol	C				I	W
Freeman, Marian Palmer, A.B.	Urbana	GRAD	HEcon	U				I	II
Freeman, Sarah Mae	St. Louis, Mo.	GRAD	Educ	U		S	I	II	
Freeman, Wayne Henry, B.S., M.S.	Tifton, Ga.	GRAD	Agron	U				I	
Freese, Bernard John	Chicago	FAA	Arch	Fr				I	II
Freesc, Homer Benjamin, B.S.	River Grove	MED	Med	4	Sp	S	F		
Freibery, William Henry, B.Ed.	Carbondale	GRAD	PE	EM		S	I		
Freiburg, Jean Marie	Quincy	LAS	Genl	Fr				I	
Freiburg, Max Edward, Jr., B.S.	Quincy	LAW	Law	2					I
Freides, Ruth	Chicago	LAS	Genl	Sr		S			
Freidinger, Grace Pearl, B.S.	Springfield	GRAD	Educ	EM					II
Freier, Herbert Edward, A.B.	Delmont, S.Dak.	GRAD	Chem	U		S			II
Freireich, Bernard	Chicago	LAS	PMed	So				I	II
Freireich, Emil	Chicago	LAS	PMed	So		S	I		II
Freise, Marie Elizabeth	St. Louis, Mo.	LAS	Genl	So				I	II
Freisinger, Michael	Chicago	UGRAD		EM					II
French, Doris Marion	Chicago	LAS	PMed	Jr				I	II
French, John Henry, B.Ed., A.M., M.S.	Paw Paw	GRAD	Educ	U		S			
French, Robert Earl	Mattoon	UGRAD		EM					II
Frerichs, Glenn A.	Danforth	COM	LD	Fr				I	II
Frerichs, La Veryl	Gilman	LAS	Genl	So				I	II
Freund, Marie Geraldine	McHenry	LAS	Genl	Fr				I	II
Freund, Peter Heinrich	Chicago	UGRAD		EM					II
Freundlich, Marianne Ruth, B.S., M.S.	Rosedale, N.Y.	GRAD	Math	U		S	I	II	
Frey, Irwin Henry	Elmwood Park	UGRAD		EM					II
Frey, Lawrence B., Jr.	Blanchester, Ohio	DENT	Dent	2	Sp	S	F	W	
Freyman, Patricia Miller	Kincaid	JNL	Jnl	Sr				I	
Fridenmaker, James Marvin	Rantaul	UGRAD		EM					II
Friebert, Joyce Harriet	Detroit, Mich.	LAS	Genl	Fr				I	
Fried, Harriet Shirley	Chicago	PE	PE	Fr					II
Friedberg, William Jerome	Yorkville	LAW	Law	1		S	I	II	
Friederich, Alfred Louis, Jr.	East St. Louis	ENG	ME	Fr				I	
Friedkin, Myra Mae	Chicago	LAS	Genl	Fr				I	II
Friedlander, Myron	Chicago	COM	LD	Fr					II
Friedley, Ailyn Carlene	Forest Park	PHARM	Pharm	2	Sp	S	F		
Friedli, Ferdinand Jacob, B.S., M.S.	Belleville	GRAD	Educ	EM					II
Friedman, Alan Stuart	Chicago	ENG	ME	So				I	II
Friedman, Albert Samuel	Chicago	AGR	Genl	Fr		S			
Friedman, Blossom	Chicago	LAS	Genl	So					I
Friedman, Charlotte Augusta, A.B.	St. Louis, Mo.	LIB	LibSci	1					I
Friedman, Eugene	Rochester, N.Y.	DENT	Dent	4	Sp	S	F	W	
Friedman, Frances	Chicago	LAS	Genl	Fr					II
Friedman, Helen Lois	Chicago	LAS	Genl	So					I
Friedman, Irving Abraham, A.B., B.S.	Chicago	MED	Med	4	Sp	S	F	W	
Friedman, Irving Bernard	Rochester, N.Y.	ENG	EE	Sr		S	I		
Friedman, June	Chicago	LAS	Genl	So					I
Friedman, Marcia Janice	Brighton, Mass.	LAS	Genl	Fr					II
Friedman, Marilyn	Chicago	JNL	EJnl	Fr					II
Friedman, Marilyn B.	Danville	COM	LD	So					II
Friedman, Miriam	Chicago	LAS	OccTher	Fr					I
Friedman, Morton Harold	Chicago	LAS	PMed	So		S	I		
Friedman, Ruth Francis	Indianapolis, Ind.	EDUC	Genl	Sr					I
Friedman, Seymour	Chicago	COM	LD	Fr		S			
Friedman, Sheldon Jerome	Chicago	LAS	Genl	Fr					II
Friedrich, Doratheia W., B.S., B.S.	Hobart, Ind.	GRAD	LibSci	U					I
Friedrich, Lois Marie	Hammond, Ind.	LAS	Genl	Jr					II
Frier, Herbert E., A.B.	Urbana	GRAD	Chem	U					I
Frierson, Robert Henry, Jr.	Louisville, Ky.	EDUC	Genl	Jr					I
Frigo, Albert Louis	Chicago	UGRAD		EM					II
Frinsko, William	Benld	LAS	PLaw	Fr					I
Frintz, Joan Ruth	Homewood	FAA	Art	Fr					II
Frisch, John Warren	Bloomington	ENG	EE	Fr					I
Frischer, Mary Diane	Kansas City, Mo.	LAS	DGS	Fr					I
Fristoe, Margaret Marie	East St. Louis	LAS	Genl	Fr					II
Frizzell, Lillian Catherine	Nameoki	COM	LD	Fr					I
Froehlich, Van Edwin	Decatur	AGR	Genl	Fr					I
Frogue, William Arthur	Pasadena, Calif.	UGRAD		EM					II
Froning, Edward Cain	South Bend, Ind.	MED	Med	3	Sp	S	F	W	
Froom, Jack	Chicago	MED	Med	3	Sp	S	F	W	
Frost, Jean Elizabeth	Flora	AGR	HEcon	Jr					I

Frost, John William	Rock Island	LAS	Genl	Fr			I
Frost, Robert Fitts	Oak Park	DENT	Dent	3	Sp	S	F W
Fruin, Pauline Ruth	Oregon	LAS	Genl	Fr			I II
Fruin, Robert Cornelius	El Paso	LAS	PMed	So			I II
Fry, Tom Samuel	Alabaster, Mich.	ENG	CE	Fr			I II
Frye, Kenneth Hagman	Danville	COM	LD	Fr			I II
Frye, Leland Ray	Louisville	AGR	Genl	Fr		S	
Frymire, John A., A.B.	Monmouth	MED	Med	3	Sp	S	F W
Fuchino, Wilfred K., B.S.	Honolulu, Hawaii	GRAD	Arch	U			S I II
Fuchs, Paul	Chicago	ENG	CE	Jr		S	I II
Fues, Walter Clayton	Chicago	LAS	Genl	Sr			I II
Fugami, Paul Mitsuo	Hunt, Idaho	LAS	Chem	So			I II
Fuhry, Charles	Chicago	PHARM	Pharm	1		S	
Fulk, Barbara Flesher	Champaign	AGR	HEcon	Jr			I II
Full, Jerome Kendrick	Wilmette	PE	PE	Fr		S	
Fuller, Jean Louise	Farmer City	LAS	Chem	So			I
Fuller, Mary Helen	Elmhurst	LAS	Genl	Fr			I
Fuller, Virginia Jane	Decatur	LAS	Genl	Fr			I II
Fultz, Lorraine	Rantoul	LAS	Genl	Fr			I
Fuqua, Clorence N., B.S., M.S.	Champaign	GRAD	Educ	U		S	
Furman, Norton Jay	Brooklyn, N.Y.	LAS	DGS	Fr			II
Furuta, William Junji, A.B., M.S.	Chicago	GRAD	Anat	C	Sp	S	F W
Fuzak, John A., B.S., M.S.	Champaign	GRAD	Educ	U		S	
Fyhr, Ann Irene	Wheaton	LAS	Chem	Jr			I
Gabel, Alice Ruth	West Allis, Wis.	LAS	Genl	Sr			I II
Gabler, Helen, A.B.	Council Bluffs, Iowa	MED	EOccTher	Irr		S	F
Gaebel, Elizabeth Ann	Addieville	LAS	Genl	Fr			I II
Gaebel, Hazel Hemphill, A.B.	Champaign	GRAD	Engl	U			II
Gaebel, Martha Willett	Peoria	LAS	Genl	Jr			II
Gaffey, John Tracy	San Francisco, Calif.	UGRAD	EM				II
Gagan, Joan Elizabeth	Oak Park	LAS	Genl	So			I II
Gage, Rosemary Elizabeth	Hamden, Conn.	LAS	Genl	Jr			I II
Gahn, Norma Ruth	Streator	LAS	Genl	Fr			I II
Gainer, Alice Eileen	Danville	LAS	Genl	Fr			I II
Gaines, Alvin Arron	Chicago	LAS	Genl	So		S	
Gaines, Charles Ellis	Chicago	LAS	PLaw	Jr			I II
Gaines, Jack Weiss	Hollywood, Fla.	MED	Med	2	Sp	S	F W
Galaway, Kathryn Eloise	Hettick	AGR	HEcon	Fr			I II
Galbreath, Dorothy Joyce	Mattoon	AGR	HEcon	Jr			I II
Galbreath, Vernon Kenneth	Tower Hill	LAS	PMed	Fr		S	
Galbreath, Walter Edwin	Springfield	UGRAD	EM				I
Gale, Ruth Marie	McLean	LAS	Genl	Jr			I II
Galek, Jean Ann	Chicago	COM	LD	So			I II
Gallagher, Frances Louise	Endicott, N.Y.	LAS	DGS	So			I II
Gallahue, Thomas Patrick	Waukegan	COM	LD	Fr			I II
Gallanis, Edna Mary	Danville	LAS	Genl	Fr			II
Gallen, William Matthew, Jr.	East St. Louis	COM	LD	Fr			II
Galler, Lucille	Chicago	FAA	LArch	Fr			I II
Galloway, Elizabeth Sabourne	Chicago	LAS	PJnl	So			I II
Galloway, Richard A., B.Ed.	Baylis	GRAD	Educ	U		S	
Gallup, Everett Leroy, B.S.	Chillicothe	GRAD	Educ	EM			I II
Galperin, Joy Regina	Detroit, Mich.	LAS	Genl	Fr			I II
Galter, Judith Harriette	Chicago	FAA	Art	Fr		S	I II
Galutia, Marjorie Aileen	Hornell, N.Y.	FAA	Mus	Fr			I II
Gambino, Mary Frances	Rockford	LAS	Genl	So			I II
Gamboza, Jack John	Chicago	PE	PE	Fr			I II
Gan, Isabelle	Chicago	AGR	HEcon	Jr			I II
Gandelman, Ralph	Chicago	LAS	Genl	So			I II
Gander, Robert Johns, B.S., M.S., Ph.D.	Eagle River, Wis.	FAA	Mus	Irr		S	
Gann, Ruby Nell	West Frankfort	EDUC	Genl	Sr			I II
Ganson, Doris Marie	Havana	AGR	HEcon	Sr			I II
Gantz, Aline Nelle	Industry	LAS	Genl	So			I II
Ganz, Victor	Chicago	DENT	Dent	4	Sp	S	F W
Garbe, LeRoy Bernard, B.S.	Aurora	MED	Med	4	Sp	S	F W
Garber, Allan Edward	Springfield	UGRAD	EM				I
Garcia, James, Jr.	Chicago	LAS	Genl	Fr			II
Gardiner, Geraldine Helen	Evanston	LAS	Genl	Jr			I II
Gardner, James Alan	Madison	UGRAD	EM				II
Gardner, Judith	Chicago	COM	UD	Sr		S	I II
Gardner, Lois, A.B.	Monmouth	GRAD	Educ	EM			I
Garfield, Adeline June	Chicago	LAS	Genl	So			I II
Garfinkel, Frank, B.S.	Chicago	DENT	Dent	4	Sp	S	F W
Garfinkel, Norman	Chicago	PHARM	Pharm	3	Sp		
Garfinkel, Norman Jack	Chicago	LAS	Genl	Fr		S	
Garite, Jasper James	Bellwood	UGRAD	EM				II
Garland, Donald J., A.B., B.S.	Mortland, Fla.	MED	Med	4	Sp	S	F
Garland, Richard Henry	Des Plaines	LAS	Genl	Fr		S	I
Garner, Betty Louise	Danville	PE	PE	Fr			I II
Garner, James Roderick	Chicago	PE	PE	Fr			I II
Garnitz, Lucille B.	Chicago	LAS	Genl	Sr			I II
Garrard, Margaret Rosalie	Robinson	COM	UD	Sr		S	
Garrard, Sterling Davis	La Salle	MED	Med	4	Sp	S	F W
Garrett, Berle Elaine	Dowagiac, Mich.	ENG	Genl	Fr			I II
Garrett, Betty Alice	Little Rock, Ark.			Unc		S	
Garrett, Charles Junior	New Boston	LAS	Genl	Fr			I II
Garrett, Lucian Percy, B.P.E., A.M.	St. Louis, Mo.	GRAD	Educ	EM			I II

Garrettoon, Dulin, Jr.	Pasadena, Calif.	UGRAD	EM	II
Garrigan, Lois Ann	Galva	AGR	Jr	I
Garrigus, Charles Byford	Rantoul	GRAD	U	I
Garrigus, Hope Estelle	Rantoul	PE	Jr	S
Garrison, Hugh	Monmouth	MED	3	Sp S F W
Garrison, Madeleine	Centralia	LAS	So	I
Garrott, Jesse Jean	Jonesboro	ENG	Fr	I II
Garson, Ellen Charlotte	Rochester, N.Y.	LAS	Fr	I II
Garson, Rosamond Selma	Cleveland Heights, Ohio	LAS	Fr	I II
Garstang, Honor Felma	Webster Groves, Mo.	LAS	So	I II
Garvin, Harold Ward, B.S.	Mascoutah	MED	4	Sp S F W
Garvin, John Samuel, A.B., B.S.	Windsor	MED	4	Sp S F
Gary, Richard Yungians	Chicago	LAS	So	S
Gaspich, Robert James	Joliet	MED	3	Sp S F W
Gassagne, Dorothy Ann	Chicago	LAS	Fr	I
Gassman, Harvey Sheldon	Chicago	MED	1	W
Gassmann, Barbara	Olney	LAS	Fr	I II
Gasson, Harry Homer	Chicago	LAS	So	I II
Gast, Ralph Coleman	Earlville	AGR	Fr	S
Gasteiger, Edgar Lionel, Jr., A.B., M.S.	Harrisburg, Pa.	GRAD	U	S I II
Gaston, Carl Hill, B.S.	Edwardsville	GRAD	EM	I
Gates, Charlene Wing	Harrisburg	FAA	Jr	I II
Gates, Georgiana	Maywood	LAS	Fr	I II
Gates, Phyllis Jean	Champaign	LAS	Fr	I II
Gattas, Fred Albert, B.S.	Chicago	MED	4	Sp S F W
Gatzolis, William Thomas	Chicago	COM	LD	Fr
Gault, Sidney David	Chicago	LAS	Genl	Fr
Gaumer, Juanita Marie	Danville	LAS	So	I II
Gaupp, Gertrude	Chicago	FAA	Art	Fr
Gauss, Arthur B., B.S.	Chicago	DENT	2	Sp S F W
Gay, Nancy Jane	La Salle	LAS	So	I
Gayle, Helen Elizabeth	Lincoln	LAS	Genl	Fr
Gaylord, Roy	Chicago	UGRAD	EM	II
Gazda, Winifred Joanne	Chicago	LAS	Fr	I II
Gaziano, Angelina Rosemarie	Rockford	LAS	Jr	I II
Geartts, Joanne Helen	Escanaba, Mich.	LAS	So	I II
Geary, Gloria Lois	Chicago	LAS	Fr	I
Gebhart, Florence Patrick, B.S., M.D.	Urbana	GRAD	SWA	U
Gedvilas, Leo Leonard	Spring Valley	PE	PE	So
Gee, Ruth Helen	Orland Park	LAS	Genl	So
Gehringer, Billee Jean	Mt. Prospect	ENG	ME	Fr
Gehrke, Gilbert William	Chicago	UGRAD	EM	II
Geiger, James Robert	Rock Island	COM	UD	Jr
Geiger, Joseph Francis	Chicago	UGRAD	EM	II
Geiler, Ronald Stanley	Champaign	ENG	Genl	Fr
Geipel, Ruth Eleonore	Willow Springs	EDUC	Genl	Sr
Geissendoerfer, Mary Elizabeth	Urbana	LAS	Genl	So
GeLaz, Patricia Sylvia	Sterling	LAS	Genl	Jr
GeLaz, Virginia Eleanor	Sterling	LAS	Genl	Fr
Gellar, Jeanne Margory	Chicago	PE	PE	Fr
Gembler, Alvin Phillip, A.B., A.M.	Lake Forest	GRAD	EDUC	EM
Gemmill, Jean Ann	Baltimore, Md.	LAS	Genl	Fr
Gendelman, Arlene Lenore	Detroit, Mich.	LAS	Genl	Fr
Gendvilas, Mildred Bernice	Chicago	PHARM	Pharm	1
Gentle, Colleen Claire	River Forest	LAS	Genl	So
Gentzke, Emma Louise, A.B., B.S.	Fort Worth, Tex.	GRAD	LibSci	U
Genzer, Isadore Jay	Chicago	DENT	Dent	2
George, Charles Vernon	Chicago	UGRAD	EM	II
George, Dixielee	Lebe, Kans.	LAS	PJnl	So
George, Lyle Eugene	Sycamore	COM	LD	Fr
George, Mary Jane	Litchfield	EDUC	Genl	Sr
Georgeff, Elaine Marie	Chicago	LAS	Genl	So
Georges, Richard Herman	Savanna	LAS	Pdent	Fr
Georges, Robert Max	Savanna	LAS	Genl	Jr
Georgoff, Lydia, B.Ed.	Chicago	GRAD	Zool	U
Gephardt, Sarah Louise, B.F.A.	Tulsa, Okla.	LAS	EOccTher	Irr
Geppinger, Marian Joyel	Chicago	LAS	PMed	Fr
Gerber, Ann Elizabeth	Robinson	AGR	HEcon	Sr
Gerber, Bonnie	Chicago	LAS	Genl	Fr
Gerber, Harold	Chicago	LAS	Genl	Fr
Gerber, Margaret Ann, B.S.	Adams, Minn.	LAS	EOccTher	Irr
Gerber, Mildred	Chicago	LAS	Genl	Jr
Gerber, Stuart Benjamin	Chicago	LAS	Genl	Fr
Gerber, Vivian Noskin, B.S., M.S.	Chicago	GRAD	Bact	C
Gerdes, Anona Mae	Mount Olive	AGR	HEcon	So
Gerdes, Mary Sue	Sterling	LAS	Genl	Jr
Gerger, Leonard	Chicago	UGRAD	EM	II
Gerhardt, Charles Allan	Chicago	LAS	Chem	Fr
Gerlach, John Louis	Quincy	LAS	ChEng	Fr
Gerling, Richard William	Ottawa	ENG	AeroE	Fr
Gershon, Philip Sigmund	Chicago	ENG	EPhy	Fr
Gerstein, Harold, B.S.	Chicago	DENT	Dent	4
Gerstenberger, Robert George	Elmwood Park	COM	LD	Fr
Gertler, Alfred Louis	Chicago	LAS	Genl	Fr

Gervais, Robert John	Chicago	LAS	PInl	Fr	I	II
Geske, Winifred June	Woodstock	LAS	PMed	Sr	S	I II
Gessing, Florence Marjorie, B.S.	Oak Park	GRAD	Chem	C	Sp	S
Gessner, Marcia Marie	Scales Mound	LAS	PLaw	Jr	S	I II
Gestaut, Ray Joseph Dennis	Chicago	PE	PE	Fr	I	II
Gethner, Paul Julius	Chicago	MED	Med	2	Sp	S F W
Getman, Shirley Ann	Terre Haute, Ind.	COM	UD	Jr	S	I II
Gettelman, Sidney Tanner, B.S.	Chicago	MED	Med	4	Sp	S F
Gettleman, Arlene Beverly	Chicago	LAS	Genl	Fr	I	II
Gettleman, Gloria	Chicago	LAS	Genl	Jr	I	II
Getty, Margaret Adeline	Hampshire	AGR	HEcon	Sr	S	I II
Geymer, Joan Louise	Chicago	LAS	Chem	Fr	I	II
Ghilardires, Carlo	Chicago	ENG	Genl	Fr	I	II
Gibbons, Charles Mason	Lawrenceburg, Tenn.	UGRAD	EM	U	I	II
Gibbons, James Richard, B.S.	Brighton	GRAD	AgEcon	U	S	I II
Gibbons, Jean Marion	South Beloit	LAS	Genl	Fr	I	II
Gibbs, George M., A.B., A.M., M.D.C.	Burlington, Iowa	MED	Pediat	PG	S	F W
Gibbs, Martin, B.S.	Philadelphia, Pa.	GRAD	Bot	U	S	I II
Gibson, Edwin Arthur, B.S.	Indianapolis, Ind.	GRAD	ArchEng	U	S	I II
Gibson, Mary Louise	Mason City	JNL	EJnl	So	S	I
Gibson, Opal Ruth	Mt. Carmel	LAS	Genl	Sr	I	II
Giebler, Helen Magdaline, B.S.	Billings, Mo.	MED	EOccTher	Irr	I	W
Giese, Olyne June	Hillsboro	LAS	Genl	Fr	I	II
Gilbert, Lillian Helen	Chicago	LAS	Genl	Fr	I	II
Gilbert, Sandra	Chicago	LAS	Genl	So	I	II
Gilbertsen, Doris Mae	Chicago	LAS	Genl	So	I	II
Gilbertson, Robert Leonard	Chicago	ENG	CE	Fr	I	II
Gilbrene, Jean Elizabeth, B.Ed., A.M.	Kankakee	GRAD	Engl	U	S	I II
Gilbreath, Barbara Venton	Lansing	LAS	PJnl	So	I	II
Gilchrist, Angela	Peoria	LAS	Genl	Fr	I	II
Gilchrist, Geraldine Janet	Elmhurst	FAA	Art	Sr	S	I II
Giles, Jay Hugh, A.B.	Wood River	LAS	PLaw	Sr	S	I II
Gilfillan, Barbara Wenzel	Springfield	GRAD	Educ	EM	I	II
Gilford, Richard Ira	Chicago	LAS	Genl	Sr	S	I II
Gilford, Ronald Morris	Chicago	LAS	PMed	Fr	I	II
Gill, Jack	Reddick	LAS	PJnl	Fr	I	II
Gill, Katharine Tracy, A.B., A.M.	Syracuse, N.Y.	GRAD	Engl	U	I	II
Gill, Leta Ann	Chicago	COM	UD	Jr	I	II
Gill, Philip Edwin, B.S.	Carlyle	GRAD	AnHusb	U	S	I II
Gillaspie, James Porter	New Orleans, La.	MED	Laryng	PG	F	I II
Gille, Harry Junior	Quincy	FAA	Mus	Fr	S	I II
Giller, Margaret Emily	Chicago	LAS	PMed	Sr	S	I II
Gillespie, Hannah Esther, B.Ed.	Chenoa	GRAD	HEcon	U	S	I II
Gillette, Nelva Mary, B.Ed.	Belvidere	GRAD	Educ	EM	I	II
Gillham, Mary Alice, A.B.	Sheridan	LIB	LibSci	1	S	I II
Gillhouse, Mary Elizabeth	Quincy	EDUC	Genl	Sr	I	II
Gilliam, Hattie Ann, B.S.	St. Louis, Mo.	GRAD	HEcon	EM	I	II
Gillis, Robert McCrery	Woodstock	ENG	AeroE	So	S	I II
Gillman, Harold	Chicago	PHARM	Pharm	2	S	F W
Gillum, Kemp Frederick	Lawrenceville	GRAD	Hist	U	S	I II
Gilmer, John Roscoe	Elkton, Va.	DENT	Dent	1	I	W
Gilmore, Robert Lee	Peoria	MED	Med	3	Sp	S F W
Gilooly, John Thomas	Sesser	DENT	Dent	2	I	W
Ginos, Evangeline Sarah	Hillsboro	EDUC	Genl	Jr	S	I II
Ginsberg, Jeanne Elaine	Chicago	LAS	Genl	Fr	I	II
Ginsburg, Carol Blossom	Chicago	LAS	Genl	So	I	II
Ginsburg, Diana	Chicago	LAS	PMed	So	I	II
Ginzel, Leah Barbara	Springfield	LAS	Genl	So	I	II
Gioannini, Annette, B.Ed.	Farmington	GRAD	Engl	U	I	II
Giosh, Joseph Daniel, B.S.	Chicago	MED	Med	3	Sp	S F W
Giraldi, Ernest, M.D.	Chicago	GRAD	Surg	C	S	F W
Girhard, Marie Louise	Decatur	GRAD	Educ	EM	S	I II
Girhard, Mary Nancy	Hillsboro	LAS	Genl	Jr	I	II
Gitlitz, Lorraine Harriet	Chicago	LAS	Genl	Sr	I	II
Gitlitz, Mayora June	Chicago	LAS	Genl	Sr	S	I II
Gittelson, Barbara Faye	Chicago	LAS	Genl	Fr	I	II
Gittins, Gioia Barbara	Louisville, Ky.	LAS	Genl	Fr	I	II
Gittleman, Gladys Miriam	Louisville, Ky.	LAS	Genl	Sr	I	II
Giuntoli, Alfred	Cicero	ENG	ME	Jr	I	II
Giuntoli, Loretta Victoria	Chicago	LAS	PMed	Fr	I	II
Givler, Samuel Fisher	Naperville	ENG	CE	Fr	I	II
Glader, George Fred	Highland Park	UGRAD	EM	I	II	
Glamore, Thomas	Chicago	MED	Med	2	Sp	S F W
Glascock, George William	Raleigh	MED	Med	2	Sp	S F W
Glaser, Arnold Henry	Seattle, Wash.	UGRAD	EM	I	II	
Glasgow, Katherine Margaret	Thaxton, Miss.	LAS	Genl	So	S	I II
Glass, Elaine Rae	Detroit, Mich.	LAS	Genl	So	I	II
Glass, Helen, A.B.	Joliet	GRAD	Educ	U	S	I II
Glass, Robert T.	Norristown, Pa.	UGRAD	EM	I	II	
Glass, Robert Victor	Chicago	ENG	Genl	Fr	I	II
Glasser, Jean Jeanette, A.B., M.S.	New York, N.Y.	GRAD	Bact	U	S	I II
Glassman, Carl	Bronx, N.Y.	UGRAD	EM	I	II	
Glassman, Donald	Benton	LAS	ChEng	Fr	I	II
Glatt, Edward Eugene, Jr.	Chicago	AGR	Genl	So	I	II
Glaze, Mabel Gean	Arcola	LAS	Genl	Fr	I	II

Glaze, Mae Udean	Arcola	LAS	Genl	Fr	I
Glaze, Mary Louise	Arcola	LAS	Genl	Fr	I
Glazebrook, Dixie Lee	Alton	JNL	EJnl	Fr	I II
Glegoroff, Vera	Chicago	COM	LD	Fr	I
Gleiser, Mary Hyde	Champaign	EDUC	Genl	So	S I II
Glende, Ralph Edward	Chicago	ENG	MetE	So	I II
Glenn, Clarence Gibson, A.B.	Macon	MED	Med	4	Sp S F
Glenn, Helen Cecile	Chicago	JNL	Jnl	Sr	I II
Glenn, Helen Hilda	Urbana	LAV	Law	1	S I II
Glenn, Kathleen Mary Erwin	Champaign	LAS	Genl	So	S I II
Glenn, Matthew Wyman	Urbana	COM	LD	So	I II
Glennon, William John	Chicago	COM	LD	So	I II
Glick, Clara Elaine	Mt. Carmel	FAA	Art	Fr	I II
Glick, Gayle Gwendolyn	Mt. Carmel	LAS	Genl	So	S I II
Glick, Robert Stuart	Chicago	LAS	Genl	Fr	I II
Glick, Sonya Francine	Chicago	LAS	Genl	Fr	I II
Glickman, Irving Arthur	Chicago	DENT	Dent	4	Sp S F W
Glidden, Mary Ann	De Kalb	LAS	Genl	Jr	I II
Glodkowskis, Mildred, A.B., M.S.	Westville	LAS	Genl	Jr	I II
Gloger, Shirley Janice	Cleveland Heights, Ohio	LAS	DGS	Irr	S
Gnarro, Robert Edward, Jr.	Chicago	ENG	EE	Fr	I II
Goben, Harold Charles, B.Ed.	San Jose	GRAD	EM	U	S I II
Goble, Eleanor May, B.Ed.	Westfield	GRAD	HEcon	U	S
Goble, James Linder	Casey	ENG	Genl	Fr	I
Gochanour, Mary Elizabeth	Streator	LAS	DGS	So	I II
Godoy-Peralta, Otto Israel	Freirina, Chile	ENG	MinE	Jr	S I
Godwin, Charles John, Jr.	Canton, Ohio	UGRAD		EM	I II
Goepfert, Delores Marie	Belleville	LAS	PMed	So	S I II
Goerl, Phillip Edward	Forestville, Calif.	UGRAD		EM	I II
Goers, Walter Earl	Brookfield	ENG	ME	Fr	S I
Goersmeyer, Annette Marie	Maywood	LAS	Genl	Fr	I II
Goeske, Robert	Franklin Park	UGRAD		EM	I II
Goessling, Vera, A.B., B.S., B.S.	Centralia	GRAD	LibSci	U	S
Goethe, Norma Mildred	Oak Park	LAS	Genl	So	I II
Goetsch, Natalie Mary	Ottawa	EDUC	Genl	Sr	S
Goetz, Ralph Clinton	Chicago	LAS	Genl	Jr	II
Goide, Shirley Caroline	Chicago	FAA	Mus	Fr	II
Goins, Marshall Earl, B.Ed., M.S.	Payson	GRAD	Accy	EM	I
Golan, Bernard Joseph	Chicago	COM	LD	So	I II
Golaxon, Phyllis Mae	Rockford	LAS	PJnl	Fr	I II
Gold, Eugene Benjamin	Chicago	ENG	ME	So	S I II
Gold, Robert	Chicago	COM	LD	So	S I II
Goldberg, Adele Joan	Cleveland Heights, Ohio	COM	LD	Fr	I II
Goldberg, Alvin Irving	Chicago	LAS	PMed	So	S I II
Goldberg, Arthur Melvin	Chicago	MED	Med	4	Sp S F W
Goldberg, Barbara Jane	Chicago	LAS	Genl	So	I II
Goldberg, Betty	Chicago	LAS	Genl	Fr	I
Goldberg, Edward Michael	Chicago	MED	Med	2	Sp S F W
Goldberg, Eugene Bernard	Youngstown, Ohio	LAS	Genl	Fr	S I
Goldberg, Harold	Chicago	LAS	Genl	Sr	II
Goldberg, Ira Louis, B.S.	Chicago	DENT	Dent	4	Sp S F W
Goldberg, Jerome Fred	Chicago	LAS	PMed	So	S I II
Goldberg, Joseph Lewis	Chicago	DENT	Dent	2	Sp S F
Goldberg, Joseph Stanley	Joliet	LAS	Genl	So	S I II
Goldberg, Lois Sybil	Chicago	LAS	Genl	Fr	I II
Goldberg, Mary	Chicago	LAS	Genl	Fr	I II
Goldberg, Melvin Asher	Chicago	MED	Med	2	Sp S F W
Goldberg, Reva Charlotte	Chicago	LAS	DGS	Fr	I II
Goldberg, Robert Walter	Orange, N.J.	LAS	ChEng	Fr	S
Goldberg, Sherman Bernard	Chicago	LAS	Genl	Fr	I
Goldberg, Stanley Zane, B.S.	Chicago	MED	Med	4	Sp S F W
Goldblatt, Lester Donald	Chicago	LAS	Genl	Fr	II
Golden, Millicent Harriet	Detroit, Mich.	LAS	Genl	Fr	I II
Golden, William Richard	Chicago	ENG	AgEng	Fr	I
Golden, Wirth David	Aurora	LAS	DGS	So	I II
Goldenberg, Charles N.	Chicago	MED	Med	3	Sp S F W
Golder, Marjorie Louise	Chicago	COM	LD	So	I II
Goldhar, Madelon Helene	Detroit, Mich.	LAS	Genl	Fr	S
Goldin, Harold Joel	Kansas City, Mo.	ENG	ME	Fr	I II
Goldman, Audrey Jean	Louisville, Ky.	LAS	PJnl	So	I II
Goldman, Bernard	Rock Island	MED	Med	1	S I II
Goldman, Leo Milton	Chicago	MED	Med	4	Sp S F W
Goldman, Leonard, B.S.	Chicago	MED	Med	4	Sp S F
Goldman, Lillian Rosenfeld	Chicago	MED	Med	3	Sp S F W
Goldman, Milton	Chicago	LAS	Genl	Fr	I II
Goldman, Morton A.	Chicago	MED	Med	3	Sp S F W
Goldman, Muriel Joy	Chicago	LAS	Genl	Sr	I II
Goldman, Shirley Louise	Detroit, Mich.	LAS	Genl	Fr	I
Goldman, Sidney Morton	Chicago	MED	Med	2	Sp S F W
Goldman, Sol, B.S.	Chicago	DENT	Dent	2	Sp S F W
Goldman, Ursula Bette	Carlock	LAS	Genl	Jr	I II
Goldsand, Lawrence J.	Chicago	AGR	Genl	So	I II
Goldsher, Marvin Edward	Chicago	LAS	DGS	Fr	I II
Goldsmith, Charles	Chicago	LAS	DGS	Fr	I II



Goldsmith, Gail Lucille	Aurora	LAS	Genl	So		I	II
Goldsmith, Jean Margaret	Fort Wayne, Ind.	EDUC	Genl	Sr		I	II
Goldsmith, Norman Albert, B.Ed., A.M.	Rankin	GRAD	Educ	U		I	II
Goldstein, Bernard	Chicago	COM	Genl	Fr		I	II
Goldstein, Doris Ann	Chicago	LAS	Genl	Fr		I	
Goldstein, Gwendolyn	Chicago	LAS	Genl	So		I	II
Goldstein, Herbert Solomon	New York, N.Y.	MED	Med	1		W	
Goldstein, Irwin Richard	Kansas City, Mo.	MED	Med	1		W	
Goldstein, Lillian Ida	Chicago	LAS	PMed	So		II	
Goldstein, Lois	Chicago	LAS	Genl	So		I	II
Goldstein, Sidney	Chicago	MED	Med	2	Sp S	F	W
Goleman, Denzil Lyle	Oakland	LAS	Genl	So		I	
Gollin, Vivian L.	Chicago	FAA	Art	So		I	II
Golum, Abraham, B.S.	Newark, N.J.	MED	Med	4	Sp S	F	W
Gomberg, Eva Lee	Litchfield	LAS	Genl	Fr		I	II
Gomberg, Jack	Chicago	LAS	Chem	Fr		I	II
Gomolinsky, Bernice	Chicago	EDUC	Genl	Jr		I	II
Gonigam, Elizabeth Ann	Walnut	AGR	HEcon	Fr		I	II
Gonzalez, Esperanza	Honduras, Central America	LAS	Genl	Fr		I	
Gonzalez, Marcelino	Gary, Ind.	PE	PE	Jr		I	II
Good, Bob	Linton, Ind.	UGRAD		EM		I	II
Good, Fred Clifton	Oak Park	COM	LD	So		I	II
Good, Hoff Daniel, A.B., A.M., B.S., B.M., M.D.	Minneapolis, Minn.	MED	Anat	PG		F	
Good, Marcia Bell	Robinson	LAS	Genl	Jr		I	II
Goode, Dolores Rosalind	Chicago	LAS	Genl	Jr		I	
Goode, Jane Anne	Oak Park	FAA	Art	So		I	II
Goodell, Warren F., A.B.	Urbana	GRAD	AgEcon	U		I	II
Goodenberger, Charles Monroe	Butte, Mont.	ENG	ME	Jr		I	II
Goodheim, Blanch Florence	Chicago	LAS	Genl	Fr		I	II
Goodin, Clara Elizabeth	Vermont	LAS	Genl	Sr		S	I
Goodman, James Eugene	Pleasant Hill	MED	Med	4	Sp S	F	
Goodman, Nancy Lee	Chicago	LAS	Genl	So		I	II
Goodman, Richard Kenneth	Lincoln	JNL	Jnl	Jr		I	
Goodman, Shirley Ann	Evanston	LAS	Genl	Jr		I	II
Goodman, Sylvia Frances	Chicago	AGR	HEcon	So		I	
Goodrum, William Robert, B.S.	Paris	MED	Med	4	Sp S	F	
Goodson, Margaret S., B.S.	Urbana	GRAD	Educ	U		S	
Goodson, Max, A.B., A.M.	Urbana	GRAD	Educ	U		S	
Goodstein, Norma Ray	Chicago	LAS	Genl	Fr		I	II
Goodwin, Claude Earl	Bethany, W.Va.	UGRAD		EM		I	II
Goodwin, Paul Joseph, B.S.	Freeport	MED	Med	3	Sp S	F	W
Goodwine, Harold Dice	Rossville	LAS	Genl	Fr		I	II
Goodwine, Martha	Urbana	LAS	Genl	Jr		S	
Gopaul, Albert Ansell	San Fernando, Trinidad, British West Indies	FAA	Arch	So		S	I
Goralski, Robert Stanley	Cicero	LAS	Genl	Fr		S	I
Gorder, Carol Jane, A.B.	Minneapolis, Minn.	MED	EOccTher	Irr		S	F
Gordley, Carmen Alene	Springfield	LAS	Genl	Jr		I	II
Gordley, Velma Dugger	Springfield	UGRAD		EM		I	II
Gordon, Archer Samuel, A.B.	Aurora	MED	Med	4	Sp S	F	W
Gordon, Bernard Nathan	Chicago	COM	LD	Fr		U	
Gordon, Doris E., B.Ed.	Blandinsville	GRAD	Educ	U		S	
Gordon, Emanuel Marvin	Chicago	LAS	Genl	Fr		I	
Gordon, Estelle Marion	Louisville, Ky.	LAS	Genl	Fr		I	II
Gordon, Fanchon June	Chicago	LAS	Genl	So		I	II
Gordon, Lester Robert	Chicago	COM	LD	Fr		I	II
Gordon, Lorraine	Chicago	LAS	Genl	Fr		I	II
Gordon, Rolland Gene	Pana	ENG	CE	Fr		I	
Gordon, Shirley	Chicago	LAS	Genl	Fr		I	II
Gordon, Sol	Brooklyn, N.Y.			Unc		S	
Gorecki, Walter Robert	Chicago	FAA	Art	Fr		I	II
Gorman, Ralph A.	Peoria	LAS	Genl	Fr		I	II
Gorney, Idell	Chicago	LAS	DGS	So		I	II
Gorny, Sigmund Richard	Chicago	UGRAD		EM		I	II
Gorozdos, Betty Marie	Chicago	LAS	Genl	Jr		I	II
Gosnell, Richard Arthur	Lawrenceville	LAS	ChEng	Fr		I	II
Goss, Charles Thomas	Marion	LAS	Genl	Fr		I	II
Gothwaite, Joyce Charlotte	Chicago	LAS	Genl	So		I	II
Gott, John Thomas, Jr.	Chicago	UGRAD		EM		I	II
Gotti, Mary Annette	Clinton	LAS	HEcon	Fr		I	II
Gottis, John	Chicago	ENG	Genl	Fr		I	II
Gottlieb, Jerome Milton	Chicago	LAS	Genl	So		I	II
Gottlieb, Judith Estelle	Des Moines, Iowa	LAS	PJnl	So		I	II
Gougar, Elizabeth Jane, B.Ed.	Joliet	GRAD	Educ	U		S	
Gould, Gloria Ann	Chicago	LAS	Genl	Fr		I	II
Gould, Marianne G., A.B., A.M.	La Salle	GRAD	Speech	EM		I	
Gould, Naomi Lois	Chicago	LAS	Genl	Sr		I	
Gould, Vera	Hill City, S.Dak.	MED	OccTher	4		S	F
Goulet, Elizabeth Dean	Chicago	LAS	Genl	Sr		I	II
Gourley, Frances Mary, B.S., M.S.	Urbana	GRAD	Educ	U		I	II
Gower, Billy	West Frankfort	COM	LD	Fr		S	
Graber, Lorraine	Stikeston, Mo.	COM	LD	Fr		I	II
Grace, Robert Franklin	Springfield, Mo.	UGRAD		EM		I	II

Grady, Edgar Dunkley, B.S.	Chicago	MED	Med	4	Sp	S	F	I	II
Grady, Edythe Fredricka	Springfield	UGRAD		EM				I	II
Grady, John Maurice	Ivesdale	PE	PE	Fr		S			
Grady, Marjorie Ann	La Grange	LAS	Genl	Fr			I	II	
Grady, Russell Shelby, B.Ed.	Carbondale	GRAD	Accy	U			I	II	
Graebner, George Vernon	Chicago	LAS	DGS	Fr				II	
Graf, William Sherman	Chicago	COM	UD	Jr		S	I	II	
Graff, William Arthur	Highland	ENG	Cer	Sr		S	I	II	
Graham, Charles Joseph	Joliet	FAA	Art	Fr		S	I	II	
Graham, Eleanor Harriet	West Point	LAS	Genl	Jr				II	
Graham, Geraldine Martha	Springfield	UGRAD		EM		I			
Graham, Harvey E.	Chicago	UGRAD		EM				II	
Graham, Helen Judith	Lewistown	LAS	Genl	So			I	II	
Graham, Henry Irving, A.B., B.S.	Brooklyn, N.Y.	MED	Med	4	Sp	S	F	W	
Graham, Irmgard Otten, B.S.	Highland Park	LIB	LibSci	1				I	II
Graham, John Gordon	Chicago	COM	LD	Fr				II	
Graham, Joseph Aloysius	Kearny, N.J.	UGRAD		EM				II	
Graham, Miriam	Bloomington	LAS	PJnl	Fr			I	II	
Graham, Peggy Ann	Macomb	LAS	Genl	Sr			I	II	
Gramer, Caryl Joan	Washington	LAS	Genl	Fr			I	II	
Granger, Helen Kathryn, B.S.	Champaign	GRAD	Speech	U				II	
Granofsky, Esther Mae	Newton Centre, Mass.	LAS	Genl	Fr				I	II
Grant, Alice Louise, B.S., A.M.	Marion	GRAD	Engl	U		S			
Grant, Frances Lou Ann	Mt. Vernon	LAW	Law	1		S	I	II	
Grant, Lola Ehrhart, B.S.	El Dorado, Ark.	AGR	HEcon	1	Irr		S	I	II
Grant, Mary Janet	Chicago	PHARM	Pharm	4	Sp	S	F		
Gratch, Gerald	Chicago	LAS	ChEng	Fr				II	
Grater, William Casper, A.B.	Equality	MED	Med	4	Sp	S	F	W	
Grattelo, Paula Jean	Freeport	LAS	Genl	Fr			I	II	
Gravenhorst, Juanita Barbara	Effingham	LAS	Genl	Jr				I	II
Graves, Marnetta Jane	River Grove	LAS	Genl	Fr				I	II
Graves, Mary Pauline	Champaign	COM	UD	Sr				I	II
Gravette, Mary Kathryn, A.B.	Kansas City, Mo.	GRAD	Educ	U		S			
Gravit, Julia Evelyn	Springfield	AGR	HEcon	Sr		S	I		
Gray, Emory Speer	Chicago	LAS	LAS	Fr				II	
Gray, Joan Marie	Chicago	LAS	Chem	Fr				I	II
Gray, Nancy Jane	Chicago	FAA	Art	Jr				I	II
Gray, Shirley Fawn	Muskegon, Mich.	LAS	Genl	Fr				I	II
Grayson, Richard Roland	Woodward	MED	Med	1				W	
Grayson, Robert Allen	New York, N.Y.	LAS	Genl	Fr				II	
Greasamar, Emanuel Eugene	Sunbury, Ohio	UGRAD		EM				II	
Greaves, Eileen June	Champaign	LAS	Chem	Fr				I	
Greaves, Robert Jesse, B.S.	Collinsville	MED	Med	4	Sp	S	F		
Grebetz, Rosaline	Chicago	LAS	Genl	Jr				I	II
Greco, James Frank	Chicago	DENT	Dent	3	Sp	S	F	W	
Greco, Louis Raymond, B.S.	Maywood	MED	Med	4	Sp	S	F	W	
Greeley, Robert Anthony	South Hamilton, Mass.	UGRAD		EM				II	
Green, Dorothy Beatrice	Urbana	LAS	DGS	So		S	I	II	
Green, Beulah Marguerite	Champaign	LAS	Genl	So		S	I	II	
Green, Dolores Ann	Ivesdale	LAS	Genl	Fr				I	II
Green, Edward Bryan	Chicago	PE	PE	Fr				II	
Green, Harry Baughman, B.Ed.	Decatur	GRAD	Educ	EM		S	I	II	
Green, Helen Evelyn	Decatur	LAS	Genl	Fr				S	
Green, Helen Marie	Chicago	JNL	Jnl	Jr				I	II
Green, Jerome Gabriel, B.S.	Chicago	MED	Med	4	Sp	S	F		
Green, Jerome Franklin	Fort Worth, Tex.	MED	Med	1				W	
Green, Joseph Frederick	Champaign	ENG	Genl	So				S	I
Green, Lorene Price	Weldon		Unc	S					
Green, Margery Alice	Chicago	AGR	HEcon	Fr				I	II
Green, Marion	Brooklyn, N.Y.	LAS	Genl	Fr				I	II
Green, Philip	Chicago	DENT	Dent	3		Sp	S	F	W
Green, Raymond, B.S., M.D.	Chicago	GRAD	Surz	C	Sp				
Green, Robert Abraham	Brooklyn, N.Y.	MED		1				W	
Green, Robert Eckmann	Chicago	LAS	PMed	Fr		S	I	II	
Green, Roberta Lee	Chestnut Hill, Mass.	LAS	Genl	So				I	II
Green, Ruth Antoinette	Whiting, Ind.	LAS	Genl	Sr				II	
Green, Samuel Wilson, Jr.	Chicago	FAA	Art	Fr		S			
Green, Sarah Ethel	Chicago	LAS	Genl	Fr				I	II
Green, Sheldon	Chicago	LAS	Chem	Fr				II	
Green, William Dewey, B.Ed., M.S.	Champaign	GRAD	Accy	U		S			
Greenberg, Anita Lorraine	Chicago	LAS	Genl	Fr				II	
Greenberg, Arlene Mae	Detroit, Mich.	LAS	Genl	Fr				I	II
Greenberg, Charleen	Chicago	LAS	Genl	So				II	
Greenberg, Irving Meyer, A.B., B.S.	Chicago	MED	Med	4	Sp	S	F	W	
Greenberg, Marilyn Meta	Chicago	LAS	Genl	Fr				I	II
Greenberg, Richard Aaron	Chicago	LAS	PMed	Fr				II	
Greenberg, Seymour Nathan	Chicago	LAS	DGS	Fr				I	II
Greenberg, Shirley, A.B.	Minneapolis, Minn.	MED	EOccTher	Irr		S	F		
Greenblatt, Fayanne	Detroit, Mich.	LAS	Genl	Fr				I	II
Greenblatt, Newton	Chicago	COM	LD	Fr				I	II
Greenblatt, Ruth Sybil	Chicago	LAS	DGS	Fr				I	II
Greenblatt, Saralee	Chicago	LAS	Genl	So				I	II
Greene, Alexander J.	New York, N.Y.	UGRAD		EM				II	
Greene, Betty Lee	Chicago	FAA	Art	Fr				I	II
Greene, Mary Barbara	Peoria	LAS	DGS	Fr				I	II
Greenfield, Robert Edman, B.S.	Decatur	MED	Med	4	Sp	S	F	W	

Greenman, Marshall Bernard	Champaign	MED	Med	1	S		
Greenschlag, Shirley May	Chicago	LAS	Genl	Fr		I	II
Greenspan, Irving	Chicago	MED	Med	2	Sp	S	F W
Greenstein, Arnold Jerry	Chicago	COM	LD	Fr		S	I
Greenstein, Bernard	Chicago	DENT	Dent	4	Sp	S	F W
Greenstein, Lillian, A.B., A.M.	Bay City, Mich.	MED	HEconTher	Irr		S	F W
Greenwald, Marion Isabelle	Chicago	LAS	HEcon	Fr		I	II
Greenwood, Don Greg	Detroit, Mich.	EDUC	Genl	Sr	S	I	II
Greenwood, Eleanore Meyer	Joliet	LAS	Genl	Sr		I	II
Greenwood, Jane Bickel	Chicago	LAS	Genl	Sr		I	II
Greenwood, Robert, D.D.S.	Chicago	MED	OralSurg	PG		F	
Greer, Dolores Wanda	Du Quoin	LAS	Genl	So		I	II
Greer, Emily Lucile, B.S.	Springfield	GRAD	Educ	EM		I	II
Greff, Cyrus Dale, B.S.	Taylorville	GRAD	ME	U		I	
Gregg, Elizabeth Ann	Evanston	LAS	Genl	Fr		I	II
Gregg, Marilyn Frances	Fort Wayne, Ind.	FAA	Art	So		I	II
Gregory, Laven Wally, A.B.	Griggsville	GRAD	Educ	EM		I	
Gregory, Louis Joseph, B.S.	Petersburg, Mich.	MED	Med	4	Sp	S	F W
Gregory, Thomas Richard	Chicago	MED	Med	3	Sp	S	F W
Greiert, Dorothy Elizabeth	Kewanee	LAS	HEcon	Jr		I	II
Grembowicz, Betty Jane	Chicago	PHARM	Pharm	1		S	F W
Grevas, Theodore N.	Rock Island	MED	Med	2	Sp	S	F W
Grice, Paul Frederick	Mulberry, Ind.	MED	Med	2	Sp	S	F W
Grier, William	Peoria	FAA	LArch	Fr		I	II
Griffin, Beulah Margaret	Paris	LAS	Genl	Jr		I	II
Griffin, Dale H.	Clarksdale, Miss.	GRAD	Laryng	PG		F	
Griffin, Joe Jinnett, A.B.	Ramsey	MED	Med	4	Sp	S	F
Griffith, Glenna	Dewey	LAS	Genl	Fr		I	II
Griffith, James Dell	Clinton	ENG	CerE	Sr	S	I	II
Griffith, Lora Mae	Dewey	LAS	Genl	Jr		I	II
Griffith, Richard Marion	Paducah, Ky.	UGRAD		EM		I	II
Griffith, Thomas Lovell	La Grange	MED	Med	2	Sp	S	F W
Griffith, Wayland Coleman	Urbana	ENG	EE	Sr	S	I	
Grigg, Charles Dudley, B.Ed.	Piper City	GRAD	Educ	U		I	II
Grimes, Martha Elizabeth	Champaign	PE	PE	Fr		I	II
Grimes, Wanda Jeannette	Georgetown	LAS	Genl	Fr		I	II
Grimmer, Joseph Arnold	Belleville	ENG	ME	Fr		I	II
Grimson, Marilyn	Chicago	AGR	HEcon	So		I	
Grippio, Michael Charles	Chicago	DENT	Dent	2	Sp	S	
Grisham, Alice Jo	Kennett, Mo.	LAS	Genl	So		I	II
Griswold, James Marcus	Blue Mound	LAS	Genl	Sr	S	I	II
Grobstein, Dora, A.B.	Sokolka, Russia	LIB	LibSci	1		I	II
Grodski, Gertrude Valentine, B.S., M.S.	Cicero	GRAD	Econ	U		I	II
Grodsky, Edward	Chicago	LAS	Genl	Fr		S	F
Groenke, Charles Burkholm, B.S.	Maywood	MED	Med	4	Sp	S	F
Grogin, Paul Block, M.D.	Pittsburgh, Pa.	MED	Laryng	PG		F	
Groll, Robert George	Pana	ENG	Genl	So	S	I	II
Gromer, Richard Harold	Elgin	UGRAD		EM		I	II
Gromfin, Annette May	Chicago	LAS	Genl	Fr		I	II
Groner, Samuel M.	Chicago	PHARM	Pharm	U		I	W
Gross, Alfred William, Ph.B., A.M.	Duluth, Minn.	GRAD	Psychol	1	S		
Gross, Mary Louise	Springfield	UGRAD		EM		I	
Grossell, Armin James	Rock Island	ENG	CE	Jr		I	II
Grossfeld, Carrie	Chicago	LAS	Genl	Fr		I	II
Grossman, Herbert Jules	Chicago	MED	Med	3	Sp	S	F W
Grossman, Melvin Jacob	Chicago	LAS	PJnl	Fr		I	II
Groszkiewics, Zigmund	Tarentum, Pa.	UGRAD		EM		I	II
Grote, Irving Lewis	Chicago	UGRAD		EM		I	II
Grounds, Charles David	Forest Park	UGRAD		EM		I	II
Grove, Arlene Mae	Compton	AGR	HEcon	Jr		I	II
Grove, Benjamin Hinton, B.Ed.	Springfield	GRAD	Educ	EM		I	II
Grove, Bert Edward, B.S.	Lake Forest	GRAD	Educ	EM		I	
Grover, Anne Louise	Ottawa	LAS	Genl	Sr		I	II
Groves, Jayne Alice	Bloomington	LAS	Genl	So		I	II
Groves, Mary Dell	Hines	LAS	Genl	So		I	
Gruba, Martha Ellen	Peoria	FAA	Mus	So		I	II
Grubb, Barbara Jean	Chicago	LAS	Genl	Jr		I	
Grubb, Helen Louise	Champaign	COM	UD	Jr		I	II
Grube, Robert Charles	Gurnee	FAA	ArchEng	Fr		I	II
Gruhalski, Lorraine Mary	Chicago	LAS	PMEd	Fr		I	II
Grumbley, William Dean	Paris	FAA	Arch	Jr		I	II
Grundin, Rosemary	Oak Park	LAS	Genl	So		I	II
Grundy, Nancy Jo Anne	Morrisonville	LAS	Genl	Fr		I	II
Grunnet, Roy Delbert	Chicago	LAS	PLaw	Fr		I	II
Grylls, Mary Eleanor	Calumet City	FAA	Art	Fr		I	II
Gryzik, Stephen Edward	Chicago	UGRAD		EM		I	II
Grzeda, Stanley Cyril, A.B.	Chicago	GRAD	Psychol	U	S	I	II
Guajardo, Ciro Padilla	Chicago	ENG	EE	Sr		I	II
Guard, Joan Carolyn	Urbana	FAA	Mus	Fr		I	II
Guardia, Betty Lee	Braceville	FAA	Art	Fr		I	II
Guardia, Jorge Aurelio	Urbana	ENG	Cer	Sr	S	I	
Gucker, Pauline	Monticello	LAS	HEcon	So		I	II
Gudder, Marian Esther	Centralia	EDUC	Genl	Sr		I	II
Guernsey, John Franklin	Kansas City, Mo.	UGRAD		EM		I	II
Guetschow, Edward Ernest	Chicago	UGRAD		EM		I	II
Gugler, Betty J.	Wheaton	LAS	Genl	Sr		I	II

Guinness, Herbert Allan	Brookline, Mass.	UGRAD		EM	II
Guite, Marie Rose Aimee	Lawrenceville	FAA	Arch	Fr	I
Gulbis, Eleanor Rasmie	Chicago	LAS	Genl	Fr	II
Gulick, Frances	Greenville	FAA	Mus	Jr	II
Gullett, Jeanne Mitchell	Decatur	LAS	Genl	Sr	S I II
Gullett, Martha Kent	Lincoln	FAA	Art	Jr	I II
Gulley, Barbara	Urbana	LAS	Genl	So	I II
Gulyash, Joseph Julius Francis, A.B.	Racine, Wis.	MED	Med	4	Sp S F
Gundersen, Lorraine Cecile	Chicago	FAA	Art	Fr	I II
Gunderson, Robert Severin	Glen Ellyn	LAS	PLaw	Fr	I II
Gunther, Meyer Samuel	Chicago	LAS	PMed	Jr	I II
Guptill, Helen Baldwin	Champaign	GRAD	HEcon	U	S I II
Gurkow, Helen Jean	Lancaster, Wis.	LAS	Genl	So	S I II
Gusinaw, William	Chicago	COM	LD	Fr	I
Gustafson, Dorothy Anita	Chicago	AGR	HEcon	Fr	S
Gustafson, Lorraine Doris	Waukegan	LAS	DGS	Fr	I
Gustafson, Warren Arnold	Richmond Hill, N.Y.	COM	UD	Jr	II
Gustavson, Betty Brands	Sheldon	LAS	Genl	So	I II
Gustoff, Flora Anna, B.S.	Peoria	GRAD	Educ	EM	I
Guthman, Gertrude Judith	Chicago	LIB	LibSci	1	S
Guthrie, David Burrell, A.B.	Glendale, Mo.	GRAD	Chem	U	S
Guthrie, Wayne Tompkins, B.S.	Downers Grove	GRAD	Educ	EM	II
Guttman, Elaine Audrey	Cincinnati, Ohio	LAS	Genl	Fr	I
Guttschow, Roy William, B.S.	Bloomington	GRAD	Educ	EM	I II
Gwynn, Vernon LaMarr	Dewey	MED	Med	2	Sp S F W
Gwinn, Betty Clarke	Louisville, Ky.	LAS	DGS	Fr	I II
Gwinn, Sarah Duff	Louisville, Ky.	AGR	HEcon	Sr	I II
Gyger, Loretta Madeline	Chicago	LAS	Genl	Fr	II
Haan, Margaret Ann	Decatur	LAS	Genl	Fr	I II
Haan, Robert Edward, A.B.	Decatur	MED	Med	4	Sp S F W
Haas, Fred D.	Brooklyn, N.Y.	UGRAD		EM	II
Haas, Margaret Mary, B.S.	Paris	GRAD	Educ	U	S
Haas, Mary Louise, B.Mus.	Danville	FAA	Mus	Irr	I II
Haber, Ruth	Chicago	LAS	Chem	So	I II
Haberkorn, Regina M.	Pawnee	UGRAD		EM	I
Hachigian, Gabriel	Chicago	FAA	Arch	Fr	II
Hack, George Donald	Chicago	ENG	AgEng	Fr	II
Hackett, Barbara	Hindsboro	AGR	HEcon	Fr	I II
Hackett, Margaret Evelyn	Urbana	FAA	Art	Fr	S I II
Hadfield, Betty Jean	Urbana	LAS	DGS	Fr	I II
Hadfield, Mary Juanita	Princeton, Ind.	FAA	Mus	Fr	I II
Hadley, Mildred Maurine	Hudson	FAA	Art	So	I II
Haebich, William Kenneth	Berwyn	ENG	EE	Fr	I II
Haegel, George	Peru			Unc	S
Haeger, Helen Ferris	Chicago	PE	PE	Fr	II
Hafermann, Beverly Jean	Danforth	LAS	PMed	Fr	I II
Hafliger, Donald Leon, B.S.	Taylorville	COM	UD	Irr	S I II
Hagan, Annah Faye	Tucson, Ariz.	LAS	Genl	Jr	I II
Hagan, Mary Claire	Champaign	LAS	Genl	So	I
Hagen, Virginia Elaine	Morris	AGR	HEcon	Fr	I II
Hagerman, Clara Mae, B.Ed.	Peoria	LIB	LibSci	1	I II
Hagerty, Sally Ann	Rockford	LAS	Genl	So	I II
Haggard, Helen Anita	Cave-in-Rock	LAS	Genl	Fr	S
Hagger, Helen Johanna, B.S., B.S.	Syracuse, N.Y.	GRAD	LibSci	U	I
Hagle, Violette Smith	Canton	LAS	Genl	So	I II
Hagopian, Nikles Kavork	Waukegan	COM	LD	So	S I II
Hagstrom, Anita Virginia	Waukegan	LAS	Genl	Jr	I II
Hahn, Norma Jean	Lutesville, Mo.	PE	PE	So	I II
Hails, George Forrest	Centralia	PE	PE	Sr	I II
Haines, Betty Elinor	Vermont	LAS	Genl	Jr	S I II
Haines, Frances E., A.B., A.M., M.D.	Chicago	MED	Otolaryn	PG	W
Haines, June Anne	Park Ridge	AGR	HEcon	Fr	I II
Haines, Victor A., B.S.	Peoria	GRAD	Educ	EM	I
Hairabedian, Arthur Martin	Chicago	PE	PE	Fr	II
Hairston, Bessie Lee, A.B.	East St. Louis	GRAD	Educ	EM	I II
Hakewill, Merri Francine	Park Ridge	LAS	Genl	Jr	I
Halacek, Mildred	Chicago	LAS	Genl	Jr	S I II
Hale, Jack Eulas	Portland, Ore.	PE	PE	Fr	I II
Hale, Mary Elizabeth	Fairmount	LAS	PJnl	Fr	I
Haley, Anna Emma	Peoria	LAS	Genl	So	I II
Haley, Bernice Cooper, B.S.	Ovid, Mich.	LAW	Law	2	I II
Hall, Alma Wallman, B.S.	Champaign	GRAD	Educ	U	S I II
Hall, Betsy Ross	Chicago	LAS	Genl	Fr	I II
Hall, Bowman Newton, B.S., M.S.	Urbana	GRAD	Educ	U	I II
Hall, Colby Dixon, Jr.	Fort Worth, Tex.	UGRAD		EM	II
Hall, Grace, B.Ed.	Quincy	GRAD	Educ	EM	I
Hall, Harry Glenn, B.Ed.	Shelbyville	GRAD	Educ	EM	I
Hall, Jean, A.B., B.S.	Urbana	GRAD	LibSci	U	I II
Hall, Joanne Geneva	Indianapolis, Ind.	AGR	HEcon	So	I II
Hall, John Dudley	Highland Park	ENG	EE	Fr	I II
Hall, John Russell	Danville	LAS	DGS	Fr	S
Hall, Mary Elizabeth	Blue Island	LAS	Chem	Fr	I II
Hall, Mary Frances, B.S.	Champaign	GRAD	Educ	U	I II
Hall, Orville Emmett	Chicago	PE	PE	Fr	I
Hall, Richard Rhoads	Champaign	LAS	Genl	Fr	I II

Hall, Rosalie Adele	Urbana	AGR	HEcon	So	I	II
Hall, Ruth Marilyn	Versailles, Mo.	AGR	HEcon	Sr	S	I
Hall, Wendell Rigg	Franklin Grove	AGR	Genl	So	I	II
Hall, Wilbur V.	Springfield	UGRAD		EM	I	
Halla, Louis George	Cicero	ENG	CE	So	I	II
Halligan, Virginia Anne	Springfield	LAS	OccTher	Jr	I	II
Halloway, Paul Edwin	Bluford	ENG	Genl	Fr	I	
Hallowell, Eleanor	Farmer City	AGR	HEcon	Jr	I	II
Haloulos, Angelina William	Chicago	LAS	Genl	Fr	I	II
Halper, Donald Gene	Urbana	LAS	Genl	Fr	I	II
Halpin, Anna Marie	Murphysboro	FAA	Arch	So	I	II
Halpin, Margaret Ann	East St. Louis	LAS	Genl	Fr	I	II
Halston, George William	Chicago	FAA	LArch	Fr	I	II
Halterman, Joan Mary	Chicago	AGR	HEcon	Fr	I	II
Halyama, Eugene Ernest	Granite City	FAA	Arch	Sr	S	I
Hamann, Gilbert	Grant Park	Educ	Unc	Unc	I	II
Hambrook, Jeanne Dorothy	Oak Park	FAA	Art	Jr	S	I
Hamburg, Shirley Ruth, A.B.	Evansville	LAS	Genl	Sr	S	S
Hamer, William Marvin	Chicago	LAS	Genl	So	S	S
Hamilton, Clara Eddy, B.S., A.M.	Augusta, Ga.	GRAD	Zool	U	S	I
Hamilton, Corinne Joyce	McLeansboro	AGR	HEcon	Jr	I	II
Hamilton, Dorothea Marie	Sullivan	LAS	Genl	Fr	I	II
Hamilton, Franklin Willard	McLeansboro	LAS	Genl	Fr	I	
Hamilton, Gail Elizabeth	Homewood	PE	PE	Jr	I	II
Hamilton, Geraldine May	Decatur	LAS	PJnl	So	I	II
Hamilton, Homer Hill, A.B.	Dallas, Tex.	GRAD	Educ	U	S	I
Hamilton, Jean Elizabeth	Morrison	LAS	Genl	So	I	II
Hamilton, Marietta	Golconda	LAS	PJnl	So	I	II
Hamilton, Ozelie Marbles, B.S.	Monroe, La.	MED	EOccTher	Irr	I	W
Hamilton, Paul Vernon	Champaign	COM	Genl	Fr	I	
Hamilton, Shirley June	Rockford	AGR	HEcon	So	I	II
Hamlin, Rachel Rebecca	Chicago	LAS	Genl	Sr	I	
Hamm, Betty Lou	Quincy	FAA	Mus	Jr	I	II
Hamman, Margaret Moery	Bement	EDUC	Genl	Sr	I	II
Hammer, Gwendolyn, B.S.	Hindsboro	GRAD	HEcon	U	S	
Hammer, Mary Louise	Salem	LAS	DGS	Fr	S	
Hammerlund, Chester Malcolm, B.S., M.S.	Normal	GRAD	Econ	U	I	II
Hammerschmidt, Theodore Frederick	Elgin	COM	LD	Fr	I	II
Hammerstrom, Frank Ronald	East Helena, Mont.	MED	Med	I	W	
Hampel, Harriett Evelyn	Champaign	PE	PE	Fr	I	II
Hampton, Jacques Nicholson	Denver, Colo.	UGRAD		EM	I	II
Hampton, James Randall, B.S.	Champaign	AGR	Voc	Irr	I	
Hampton, Margaret Jean	Mazon	LAS	DGS	Fr	I	II
Hampy, Herman Frederick	Peoria	GRAD	Educ	EM	I	
Hamrell, Herbert Jerome	Chicago	LAS	Genl	Fr	I	II
Hamrick, Nina Catherine	Urbana	LAS	OccTher	So	I	II
Hamrick, Nina Timberlake, A.B.	Urbana	GRAD	Educ	U	I	II
Hamrick, Robert Anglan	Springfield	LAS	PMed	Jr	I	II
Hanagan, William Donald	Benton	LAS	PMed	Fr	I	II
Hancock, Rhoda Marian	Harrisburg	LAS	Genl	Jr	I	II
Handler, Ardythe Elaine	Chicago	LAS	Genl	Fr	I	II
Handmaker, Herman	Chicago	COM	LD	Fr	I	II
Handwerker, Fern	Chicago	PHARM	Pharm	I	W	
Haner, Charles Frederick, A.B., A.M.	Globe, Ariz.	GRAD	Psychol	U	S	
Hanff, Guenther	Los Angeles, Calif.	UGRAD		EM	I	II
Hank, Emil Julius	Detroit, Mich.	MED	Med	I	W	
Hanks, Joyce Jeanette	Kane	AGR	HEcon	Fr	I	
Hanley, Thomas Martin	Chicago	UGRAD		EM	I	II
Hanmer, Margaret Eva Penrose, B.S.	Chicago	LAS	Genl	Sr	S	I
Hanmer, Robert Stuart, B.S., M.S.	Urbana	GRAD	Chem	U	S	I
Hanna, Edna Frances Hartmann	Springfield	UGRAD		EM	I	
Hanna, Karl Hilmy	Alton	LAS	Genl	Fr	S	
Hannah, Marilyn Vivian	Mattoon	FAA	Mus	Jr	I	II
Hannan, Patricia Ann	Evanston	LAS	Genl	Sr	I	II
Hanneman, Katherine Virginia	Oak Park	FAA	Art	So	I	II
Hannin, Caryl Joyce	Chicago	LAS	Genl	Fr	I	II
Hannin, Sybil Dale	Chicago	LAS	Genl	Fr	I	II
Hanselman, Catherine C.	Springfield	GRAD	PolSci	EM	I	
Hanselman, Marian Ruth	Wood River	LAS	Genl	So	I	II
Hansen, Audrey Carolyn	Wheaton	LAS	Genl	Fr	I	II
Hansen, Barbara Jean	Waukegan	LAS	Genl	Jr	I	II
Hansen, Ellen Patricia	Mundelein	LAS	DGS	Fr	I	II
Hansen, Henry Christian	River Grove	UGRAD		EM	I	II
Hansen, John Christian	Chicago	UGRAD		EM	I	II
Hansen, John George	Chicago	UGRAD		EM	I	II
Hansen, Robert William	Greenville, Mich.	MED	Med	I	W	
Hansmeyer, Barbara Jean	Beardstown	LAS	Genl	Jr	I	
Hanson, Laverne Walter	Rio	LAS	ChEng	Fr	I	
Hanson, Russell Earl Howard	Astoria, Ore.	UGRAD		EM	I	II
Hansow, Ralph Sylvester	West Chicago	UGRAD		EM	I	II
Hanus, Slavomir John	Chicago	LAS	ChEng	Fr	I	II
Hanzel, John Alan	Danville	ENG	Genl	Fr	I	
Hao, Chao-Chien, B.Eng., M.S.	Chungking, China	GRAD	CE	U	S	I
Hao, Chao-Mi, A.B.	Chungking, China	GRAD	BOO	U	I	II
Hapke, Richard Leo	Peoria	FAA	Arch	So	I	II

Haraburda, Raymond Anthony	Chicago	PHARM	Pharm	1		S	F	W
Harbert, Russell Dennis, Jr.	Bridgeton, N.J.	ENG	CE	Fr			I	
Harbutte, Helen Rose Faith	Cicero	FAA	Mus	Jr			I	II
Harden, Hobart Bilderback, Jr.	Des Moines, Iowa	LAS	Genl	So			I	II
Harden, William Leon	Deeson, Miss.	DSSVV	Sr	U		S	I	II
Hardenbrook, Harry, Jr., D.V.M., M.S.	Champaign	GRAD	AnPath	U		S	I	II
Hardin, Dean Lane	Lincoln	FAA	Arch	Fr			I	II
Hardinger, Mavis Lorraine, A.B.	Mattoon	MED	Med	4	Sp	S	F	
Hardwicks, Jewell Harriet	Chicago	LAS	Genl	Jr			I	II
Hardy, Clifton Teoroffe Alonzo	Chicago	Eng	ME	Fr			I	II
Hardy, Edward, Jr., A.B.	Evanson	GRAD	PE	U		S		
Hargrove, Marilyn	McLeansboro	LAS	Genl	So		S	I	
Harkness, Roland Herbert	Champaign	ENG	AeroE	Fr			I	II
Harlan, Virginia Joyce	Chicago	LAS	Genl	Jr			I	II
Harland, Clelia Anita, B.S.	Champaign	GRAD	Educ	U			I	
Harland, Helen Watts, A.B.	Urbana	GRAD	SWA	U			I	II
Harland, Margaret Blanche	Urbana	LAS	Genl	So			I	II
Harlin, Harriet Ann	Chicago	AGR	HEcon	Jr			I	II
Harlow, Audrey Lee	Mt. Vernon	LAS	DGS	Fr			I	II
Harman, Elizabeth Barbara	Little Rock, Ark.	LAS	Genl	Fr			I	II
Harmeson, Ellen B., A.B.	Urbana	GRAD	HEcon	U			I	II
Harmon, Alice Jeanne	Monica	JNL	Jnl	Sr			I	II
Harmon, Bernard Leo	Princeville	LAS	DGS	Fr			I	
Harmon, Betty Louise	Glen Ellyn	AGR	HEcon	Sr			I	
Harmon, Winnie	Lebanon	LAS	Genl	Sr			I	II
Harms, Mary Winifred, B.S.	Milwaukee, Wis.	MED	EOccTher	Irr				W
Harms, Winifred Emazetta, B.S.	Milwaukee, Wis.	LAS	EOccTher	Irr		S		
Harper, Frank O.	Indianapolis, Ind.	UGRAD	EM	U			II	
Harper, Josephine Louise, A.B., A.M.	Minneapolis, Minn.	GRAD	Hist	U			II	
Harper, Katie Florence, A.B.	East St. Louis	LAS	Genl	Sr		S		
Harper, Marianna	Champaign	LAS	Genl	Sr			I	II
Harper, Mildred Morgan, A.B.	Williams Bay, Wis.	LIB	LibSci	1			I	II
Harpster, John Wilburn	Detroit, Mich.	ENG	ME	Fr			I	II
Harris, Alice Joyce	Chicago	LAS	Genl	Fr			I	II
Harris, Charles Morgan, A.B., M.D.	Jersey City, N.J.	MED	Laryng	PG			F	
Harris, Elmer Ralph	Roxana	LAS	ChEng	So			I	II
Harris, Hortense Elizabeth	Peoria	LAS	Genl	Fr			I	II
Harris, James Howard, A.B.	Rochelle	MED	Med	3	Sp	S	F	W
Harris, James Robert, B.S.	Herrin	GRAD	AgEcon	U		S	I	II
Harris, Jewel Loraine	Aurora	LAS	Genl	Fr			I	II
Harris, John Harper, B.S., A.M.	Peoria	GRAD	Educ	EM			I	
Harris, June Marie	Chicago	LAS	Genl	So			I	
Harris, Leonard Bryan	Chicago	LAS	PMed	Fr				II
Harris, Louis Larry	Chicago	LAS	Genl	Fr				II
Harris, Mack Joseph, B.S.	Calumet City	MED	Med	4	Sp	S	F	W
Harris, Marjorie May	La Porte, Ind.	PE	PE	Fr			I	II
Harris, Mildred Earle	Chicago	LAS	DGS	Fr			I	II
Harris, Payne Senseman, B.S.	Monticello	MED	Med	3	Sp	S	F	W
Harris, Rachel	Chicago	LAS	Genl	Fr			I	II
Harris, Ralph Samuel, B.S., M.S.	Kansas City, Mo.	GRAD	Geog	U		S		
Harris, Sheldon James	Omaha, Nebr.	LAS	Genl	Fr			I	II
Harris, Susie Lee, B.S.	Harrisburg	GRAD	Educ	U		S		
Harris, William Kenner	Macomb	LAS	Genl	Sr		S		
Harrison, Dean Ingersoll	Dixon	ENG	Genl	Fr		S		
Harrison, Ruth Elsie	Chicago	LAS	Genl	So			I	II
Harry, Martha Louise	Indianapolis, Ind.	LAS	Genl	Jr			I	II
Harshbarger, Leslie Perkins, B.Ed.	Kankakee	GRAD	Educ	EM			I	II
Hart, Clinton E., A.B.	Murphysboro	MED	Med	4	Sp	S	F	
Hart, Dorothy Ida, A.B.	Wood River	GRAD	Educ	EM			I	II
Hart, Edith Fay, A.B.	Alexander	UGRAD	EM	U			I	
Hart, Richard Howe, B.S.	Chicago	MED	Med	3	Sp	S	F	W
Hart, Romona Lee	Barry	LAS	DGS	Fr			I	II
Hart, Thomas, B.S.	Williamstown, Mass.	GRAD	PE	U			I	II
Harter, Melvin Manuel	Chicago	LAS	PMed	Fr				II
Harteveld, Roslyn Claire	Cincinnati, Ohio	LAS	Genl	Fr			I	II
Hartley, Harold Junior	Centralia	AGR	Genl	Fr			I	
Hartman, Paul Arthur	Urbana	LAS	Genl	Fr			I	II
Hartman, Philip Emil	Urbana	LAS	Genl	Fr			I	
Hartman, Robert Schirokauer, LL.B., Ph.C.	Lake Forest	GRAD	Educ	EM			I	
Hartman, Roma Maxine	Milford	COM	LD	Fr			I	II
Hartman, Shirley Ann	Durand	LAS	Genl	So			I	II
Hartman, William Roy, B.S., M.S.	Peotone	GRAD	Educ	EM				II
Hartich, Henry Foley	Sainte Marie	LAS	Genl	Fr			I	II
Hartick, Floyd George	Chicago	UGRAD	EM	EM				II
Hartshorn, Ann	Utica	LAS	Genl	Fr			I	II
Hartzler, John David	Roanoke	UGRAD	EM	EM			I	
Harvey, Barbara Ellen	Chicago	LAS	Genl	Jr			I	II
Harvey, Clifford Welton, B.S., M.S.	Fairbury	Agr	Voc	Irr			I	
Harvey, Corinne Marion	Chicago	EDUC	Genl	Sr		S		
Harvey, Margaret Jean	Manteno	AGR	HEcon	Sr		S	I	II
Harwell, Dwight Wesley	Maywood	LAS	PMed	So		S	I	
Hasch, Jack, Jr.	Danville	DSSVV	So	So		S	I	II
Hasemeyer, Carol Irene	Yorkville	COM	UD	Sr		S	I	II
Hasemeyer, Earl Albert	Chester	ENG	Genl	Fr				II
Hasemeyer, Gilda Marie	Yorkville	COM	LD	Fr			I	II

Haskin, John Winthrop	Sandwich	LAS	Genl	Jr		I II
Haskins, Mary Elizabeth	Danville	LAS	Genl	Fr		I II
Hasse, Gordon Wilbur, A.B., A.M., Ph.D.	Cleveland, Ohio	MED	Med	4	Sp	S F W
Hasse, LaMoine Carman	Staunton	FAA	Arch	So		S I II
Hasse, Leatrice Wanda, A.B.	Staunton	LAS	Genl	Sr		S I II
Hastings, Gertrude Anna, B.Ed., A.M.	Maroa	GRAD	Educ	U		S
Hatch, Albert Jerold, B.S.	Urbana	GRAD	Physics	U		I
Hatch, Edmond Keith	Maywood	ENG	ME	Sr		S I II
Hatchard, Marjorie C., B.S.	Kirkland	GRAD	HEcon	U		I II
Hatchard, William Reginald, B.S., Ph.D.	Portland, Ore.	GRAD	Chem	U		S
Hatcher, Grace Clara	Evanston	COM	UD	Sr		S I II
Hatcher, Margaret Jackson	Hamden, Conn.	JNL	Jnl	Sr		I II
Hatchett, William	Colp	PE	PE	Fr		I
Hatfield, Patricia Ann	Chicago	LAS	PJnl	Fr		I II
Hatfield, Robert Lewis	Ava	ENG	EE	Jr		I II
Hathaway, Gloria Louise	Evanston	LAS	Genl	Fr		I
Hatheway, Charles Harrison	Albany, N.Y.	UGRAD		EM		I II
Hattan, Corinne Rose, B.S., A.M.	Urbana	GRAD	Math	U		I II
Hattery, Leroy Nelson	Bethalto	ENG	AeroE	Fr		I
Hauck, John Marion	St. Louis, Mo.	ENG	Genl	Fr		S
Haury, Gertrude, A.B.	Hutchinson, Kans.	LIB	LibSci	1		S
Hauser, Carlos Esternod	Mexico, D.F., Mex.	ENG	CE	Jr		I
Hauser, Henry William	Aurora	LAS	ChEng	Fr		S
Hauser, Ruth Grace	Litchfield	LAS	Genl	Sr		I II
Hausser, Mary Eloise	Sidney	LAS	Genl	Fr		I II
Hauter, Dean Alden	Morton	MED	Med	2	Sp	S F W
Hauter, Margaret Louise	Morton	PE	PE	Fr		I II
Haven, Shirley Jeanne	Granite City	AGR	HEcon	So		I II
Havens, Fairie Louise	Wheaton	FAA	Art	Fr		I II
Hawk, Glen Garfield	Jacksonville	LAS	Genl	Fr		I
Hawkes, Judith	Peoria	FAA	Art	So		I II
Hawkins, Annota Janet	Decatur	LAS	Genl	Fr		I II
Hawkins, Crawford Tucker, Jr.	Fargo, N.Dak.	MED	Med	1		I W
Hawkins, Edward Charles, B.S.	Chicago	DENT	Dent	2	Sp	S F W
Haworth, Catherine Ann, B.S.	Georgetown	EDUC	Genl	Irr		S
Hawrylewiz, Ervin John	Chicago	LAS	Chem	Fr		II
Hawthorne, Helen Marie	Granville	AGR	HEcon	So		I II
Hawthorne, Marjorie Jane	Galesburg	LAS	Genl	Fr		I II
Hayashida, Chiyomi, A.B.	Waimea, Kauai,					
	Hawaii	MED	EOccTher	Irr		S F
Haycock, Harriet Ella	Springfield	FAA	Mus	So		I II
Hayden, Donna Jane	Grant Park	EDUC	Genl	Sr		I
Hayden, William Joseph	Chicago	ENG	CE	Fr		II
Hayes, Jean Margaret	Urbana	LAS	Genl	So		I II
Hayes, John William, B.Ed.	Pontiac	GRAD	Educ	EM		II
Hayes, Joseph Claudius	Indianapolis, Ind.	FAA	Arch	So		I II
Hayes, Lois Lee	Lawrenceville	LAS	Genl	Fr		I II
Hayes, Mary Lou	Mattoon	FAA	Mus	So		S I II
Hayes, Warren Harry	New Kensington, Pa.	MED	Med	1		W
Haygood, John McMillan	Urbana	LAS	ChEng	Jr		I II
Haygood, Margaret Collins	Montgomery, Ala.	LAS	Genl	Jr		S I II
Haygood, Robert Collins	Urbana	LAS	PMed	So		I
Hayner, Norman S.	Seattle, Wash.	MED	Med	1		W
Hays, Edward Parker	Milwaukee, Wis.	MED	Med	1		W
Hazelkorn, Herbert N., B.S.	Brookline	GRAD	Zool	U		II
Hazelkorn, Jules, A.B.	Brooklyn, N.Y.	DENT	Dent	2	Sp	S F W
Hazen, Marion Louise	Urbana	LAS	Genl	Sr		S I II
Hazleton, Mildred Grace	Champaign	UGRAD		EM		I
Head, Glenn Oakes	Springfield	LAS	Genl	Jr		S I II
Heap, William Otto, B.S.	Minooka	ENG	EE	Sr		S
Heard, Paula Marie	Chicago	LAS	Genl	Fr		I
Heard, William J.	Oak Park	UGRAD		EM		II
Heath, Gwyneth Ida Hartman	Elgin	AGR	HEcon	Sr		S I II
Heath, Marilyn Kathleen	Decatur	LAS	Genl	Fr		I II
Heath, Parker, Jr.	Detroit, Mich.	MED	Med	1		W
Hebenstreit, Richard Henry	Villa Park	ENG	CE	Sr		I II
Hechtman, Sarajane Furman	Harrisburg	FAA	Art	Fr		II
Heck, Margaret Josephine	Collinsville	LAS	Genl	So		I II
Heckert, Floweree, A.B., B.S.	Urbana	GRAD	LibSci	U		I II
Heckert, Lenard Fred	Venedy	ENG	Genl	Fr		I
Hecksel, Heartha	Rantoul	UGRAD		EM		II
Hectman, Mary Carlene	Quincy	FAA	Mus	So		I II
Heda, Richard Daniel	Chicago	LAS	Genl	Fr		S
Hedde, Charles LaVern	Lawrenceville	PHARM	Pharm	1		W
Hedges, Edith Mildred, A.B.	Wichita, Kans.	LAS	Genl	Sr		S
Hedges, Elaine Grace	Wichita, Kans.	COM	UD	Sr		I
Hedges, Florence Joan	Chicago	PE	PE	Fr		I
Hediger, Edward Louis, B.S.	Jamestown	MED	Med	3	Sp	S F W
Hediger, Marion Louise	Jamestown	LAS	Genl	Fr		I II
Hedlin, Edwin Carl	Chicago	ENG	Genl	Fr		I
Hedmark, Homer Lawrence Arthur	Chicago	LAS	PDent	Fr		II
Hedrick, Carol Louise	Grand Rapids, Mich.	FAA	Art	Sr		I II
Hedrick, Everett Milton	Chicago	LAS	PLaw	Fr		I II
Hedstrand, Lillian Elvira, B.S., B.S.	Chicago	GRAD	LibSci	U		S I II
Heeschen, Paul Edward	Davenport, Iowa	COM	UD	Sr		S I
Heidler, Louise	Mt. Vernon	LAS	Genl	So		II

Heifetz, Milton David, B.S.	Chicago	MED	Med	4	Sp	S	F	W
Heifetz, Paul	Long Island, N.Y.	LAS	PMed	Fr				II
Heike, Paul Martin	Winona	ENG	Genl	Fr		S		
Heilbronn, Joan Alice	Chicago	LAS	Genl	Fr				II
Heilbrunner, Ruth Helen	Chicago	LAS	Genl	Fr				II
Heiman, Jane Ellen	University City, Mo.	FAA	Arch	Jr		S	I	II
Heimerding, Shirley	Riverside	COM	LD	So				I II
Heims, Patibel	Chicago	LAS	Genl	Fr				I II
Heinsath, Francis Joseph	Aurora	PHARM	Pharm	4	Sp	S	F	
Hein, Christie Harlow	Anderson, Iowa	UGRAD		EM				II
Heine, Marie Elizabeth, A.B., A.M.	Quincy	GRAD	PE	EM				I II
Heinig, Richard Herman	Kankakee	LAS	PMed	Fr		S	I	
Heininger, Richard Charles	Chicago	ENG	Genl	Fr		S	I	
Heinlein, Gladys I., A.B.	New York, N.Y.	GRAD	Physics	U				II
Heinrich, George Theodore	Peoria	COM	UD	Jr				I II
Heintze, Fred Robert	Beardstown	LAS	ChEng	Fr				I II
Heintzen, Erich Hugo, B.Ed.	Champaign	GRAD	Hist	U				I II
Heinz, Barbara Ruth	Argenta	LAS	Genl	Fr				I II
Heinz, Charles Cyril	Chicago	UGRAD		EM				
Heiss, Carla Elizabeth	Aurora	LAS	OccTher	Fr				I II
Heiss, William Conrad, Jr.	Aurora	PE	PE	So				I II
Heitzman, Milton A., B.S., B.D.	Melvin	GRAD	Soc	U				II
Hejda, Jo Ann	Coal City	LAS	DGS	Fr				I II
Hejzmanek, Lillian, A.B., A.M.	Champaign	GRAD	Span	U				I II
Helbling, James Louis	Champaign	PE	PE	Fr				I
Helfand, Lillian Rose	Chicago	LAS	DGS	Fr				I II
Heller, Cora Margery	Chicago	LAS	Genl	Jr				I II
Heller, Gershon Leo, B.S.	Chicago	GRAD	Chem		Sp			
Heller, Mary Louise, A.B., A.M.	Arlington Heights	GRAD	Educ	EM				I
Hellerman, Eugene William	Neenah, Wis.	UGRAD		EM				II
Helligas, Ruth Mae, B.S.	Belvidere	GRAD	Educ	EM		S	I	II
Helm, Douglas Wymore	Metropolis	LAS	DGS	Fr				I II
Helm, Eddie Winfred	Springfield	UGRAD		EM				I
Helm, Marilea Elizabeth	Chicago	UGRAD		EM				II
Helmreich, F. Clarence, B.S.	Chicago Heights	GRAD	Educ	EM				II
Helmreich, Robert Felix, B.S.	Chicago	LAS	Genl	Sr		S		
Helms, William John	Elgin	ENG	EPHY	So		S		
Helper, Sylvia	Princeton	LAS	DGS	Jr				I II
Helton, Floyd Franklin, A.B., A.M.	Champaign	GRAD	Math	U		S		
Hemp, Robert Jacob	Illioipolis	AGR	Genl	Fr				I
Hencky, Gerhard Richard	Chicago	MED	Med	1				W
Hendel, Catharine Jane	Riverside	LAS	OccTher	Jr				I II
Hendel, Isabel Louise	Riverside	FAA	Mus	Fr				I II
Henderson, Dorothy Ann	Ridgefarm	LAS	Genl	So				I II
Henderson, Fay Belle	Chicago	AGR	HEcon	Jr				I II
Henderson, Fern Irene, B.Ed.	Hopedale	GRAD	Educ	EM				I II
Henderson, Harold Charles	Riverside	LAS	Genl	Fr				I II
Henderson, John Arthur, B.S.	Tolono	MED	Med	4	Sp	S	F	W
Henderson, Margaret Kathryn	Cairo	PHARM	Pharm	2		S		
Henderson, Rebecca Jean, B.S.	Charleston	GRAD	Engl	U				I II
Hendricks, Dorothy Lorraine	Rockford	LAS	Genl	Fr				I II
Hendricks, John Solomon, M.D.	De Queen, Ark.	MED	Laryng	PG				F
Hendrix, John William	Champaign	LAS	Genl	So		S	I	II
Hendrix, Paul Max	Washington, D.C.	ENG	Cer	Jr				I
Henkel, Gladys Catherine, B.Ed., A.M.	Peru	GRAD	Educ	U		S		
Henkin, Lorraine June	Memphis, Tenn.	LAS	Genl	Fr				I
Hennig, Robert William	Aurora	ENG	ME	Jr		S	I	II
Henning, Nancy May	Highland Park	LAS	Genl	Fr				I II
Henrikson, Ralph Carl	West Chicago	ENG	Genl	Fr				I II
Henriques, Leslie Alexander	Half-Way-Tree, Jamaica, British West Indies	COM	LD	So		S	I	II
Henry, Harvey Benart, B.S., M.D.	Austin, Tex.	MED	Laryng	PG				F
Henry, John Adams, B.S.	Urbana	GRAD	ME	U				I II
Henry, John Philip	Kankakee	LAS	PMed	Fr				II
Henry, Marvin David, A.B.	Chicago	MED	Med	3	Sp	S	F	W
Henry, Mary Jane	Chicago	PE	PE	Fr				II
Hepler, Herbert Frank	Cleveland, Ohio	UGRAD		EM				II
Hepper, Norman Glenn Gordon U., A.B., B.S.	Underwood, N.Dak.	MED	Med	3				W
Herath, Betty Jeanne	Joliet	EDUC	Genl	Jr				I II
Herath, William A., B.S.	Joliet	MED	Med	4	Sp	S	F	W
Herbrandson, Harriet, B.S.	Minneapolis, Minn.	GRAD	HEcon	U		S		
Herbrandson, Harry Fred, B.Chem.	Minneapolis, Minn.	GRAD	Chem	U		S		
Herbrig, Ina Nancy	Decatur	LAS	DGS	So				I II
Herbrig, Iris Anne	Decatur	LAS	Genl	Fr				I II
Herbst, John Herman, B.S.	Valmeyer	AGR	Genl	Fr		S		
Herbst, Shirlee Jean	Taylorville	LAS	DGS	Fr				I II
Herbstman, Joe Irving	Chicago	DENT	Dent	2	Sp	S	F	W
Hercules, Alice Jones	Harvard	LAS	Genl	Jr		S		
Herke, Salen, A.B.	Peoria	GRAD	PE	Jr				I
Herman, Betty Anne	Chicago	LAS	DGS	Fr				I II
Herman, Carolyn Hortense	Newark, N.J.	LAS	Genl	Fr				I II
Herman, Charlotte Alice, B.S., M.S.	Champaign	MED	Med	1				W
Herman, Samuel	Detroit, Mich.	UGRAD		EM				II
Hermann, Peggy Ruth	Chicago	FAA	Art	Jr				I II



Hermann, William Mallory	Crystal Lake	PHARM	Pharm	1	S	F	W
Hermie, Mabel Mildred	Urbana	LAS	HEcon	Jr		I	II
Herndon, Helen Aileen	Marceline, Mo.	Genl	Fr		S	I	II
Herr, Ross Robert	Chicago	LAS	Chem	Jr	S	I	
Herrick, Dora Katherine	Clinton	LAS	Genl	Jr			II
Herrriott, Helen Eileen, B.S., M.S.	Champaign	GRAD	HEcon	U	S		
Herrmann, Albert Thomas	Corona, N.Y.	UGRAD		EM			II
Herrmann, Janet Louise	Shabbona	AGR	HEcon	Jr		I	II
Herrmann, Mary Kathern, B.Ed.	Rochelle	GRAD	Educ	U	S	I	II
Herron, Jean Baysinger	Streator	JNL	Jnl	Sr		I	II
Herschler, Robert Charles	Joliet	ENG	ME	Fr		I	
Herscovitz, Alvin	Chicago	MED	Med	1	Sp	S	F
Herscovitz, Howard	New York, N.Y.	LAS	PJnl	Fr			II
Hersh, Charles Karrer	Cleveland Heights, Ohio	LAS	Genl	Jr		I	II
Hershenshouse, Samuel Benjamin, B.S.	Chicago	MED	Med	4	Sp	S	F
Hershey, Evelyn Camille, B.S.	Mt. Carmel	FAA	Mus	Irr		S	
Hersman, Elizabeth	Grand Rapids, Mich.	LAS	Genl	Sr		S	I
Hertel, Alfred Louis, B.Ed.	Belleville	PE	PE	Irr		S	
Hertenstein, Norma Joan	Mt. Vernon	FAA	Mus	Sr	S	I	II
Herter, Josie Christine	Medora	LAS	Genl	Fr		I	II
Hertz, Virginia Elaine	Elmhurst	LAS	DGS	Fr		I	II
Hertz, Thelma	Chicago	LAS	Genl	Sr		I	
Herz, Paul Wolfgang	Oak Park	LAS	PMed	Fr		I	
Herzog, Floyd Paul	Forest Park	COM	LD	So	S	I	II
Herzog, Hershhal Leon, B.S.	Brooklyn, N.Y.	LAS	ChEng	Sr		S	
Herzon, Herbert, B.S.	Chicago	MED	Med	4	Sp	S	F
Herzon, Nita Sheila	Chicago	LAS	Genl	Fr		I	
Hesler, Glen Edgar	Mattoon	LAS	PLaw	Fr		I	II
Hess, Anita Joy	Litchfield	LAS	Genl	Jr		I	II
Hessel, Oliver Fred, Jr.	St. Louis, Mo.	UGRAD		EM			II
Hesselberg, Louis	Chicago	COM	LD	Fr	S	I	
Hesselschwerdt, Gernon Paul, B.S.	Urbana	MED	Med	4	Sp	S	F
Hesselschwerdt, Pauline Louise	Urbana	LAS	Genl	Sr		S	I
Hester, Forrest Glenn, Jr.	Springfield	COM	UD	Jr		S	
Hetrick, John Henry, B.S., M.S.	Urbana	GRAD	DHusb	U	S	I	II
Heuer, Ernest Ewald	Chicago	COM	LD	So		I	II
Heun, Dolle Almeda	Naperville	LAS	Genl	So		I	II
Heuser, Christian John	Chicago	UGRAD		EM			II
Hewitt, Frank Eugene, B.S.	Peoria	GRAD	PE	EM		I	
Heyde, John Bradley	Marion	LAS	PMed	Fr	S	I	
Heyman, Celia Joy	Tulsa, Okla.	LAS	Genl	Sr	S	I	II
Hickam, Ita Irene, B.Ed., A.M.	Urbana	GRAD	Educ	U	S		
Hickey, Mary Margaret, A.B.	Champaign	GRAD	Span	U		I	II
Hickman, Beverly Maxine	Chicago	LAS	Genl	Fr		I	II
Hickman, Janet Elizabeth	Fairmount	LAS	HEcon	Fr		I	II
Hickman, John Samuel, B.S., M.D.	Jamestown, N.Y.	MED	Laryng	PG		F	
Hicks, Ernestine	Chicago	EDUC	Genl	Jr		I	II
Hicks, Herbert Roy	Memphis, Tenn.	LAS	Genl	Fr		I	II
Hicks, Lewis Wood	Chicago	ENG	Genl	U		I	II
Hicks, Ruth Claire, B.S.	Urbana	GRAD	Educ	U		I	II
Hier, Stanley W., B.S., M.S.	Chicago	GRAD	Chem	C		F	W
Hiett, Martha Ellen	Monticello	LAS	Genl	Sr		I	II
Hift, Helen, B.S.	Chicago	GRAD	Bact	U		I	II
Higbee, David Rathburn, A.B., M.D.	San Diego, Calif.	MED	Laryng	PG		F	
Higgins, Frank Michael	Oak Park	DENT	Dent	2	Sp	S	F
Higgins, Marjorie Lou	Bridgeport	LAS	DGS	Fr		I	II
Higginson, Doris Louise	Broughton	COM	LD	Fr		I	
Highfield, Elizabeth Jane	Evanston	GRAD	LibSci	U	S		
Highsmith, LaRue Brian	Indianapolis, Ind.	LAS	PJnl	Fr			II
Hight, Marilyn Louise	Mt. Auburn	JNL	Jnl	Sr		I	II
Hightower, Howard Wayne, B.S., M.S.	Effingham	GRAD	Educ	U	S		
Hilbrich, Lawrence Joseph	Chicago	UGRAD		EM			II
Hildebrandt, Alice H.	Chicago	AGR	HEcon	Jr		I	II
Hilfinger, Avis Emelia	Champaign	LAS	Genl	Fr	S	I	II
Hilgeneck, George	Maywood	UGRAD		EM			II
Hilker, Gloria L. J., B.S.	Chicago	MED	Med	3	Sp	S	F
Hill, Charles Cameron	Detroit, Mich.	UGRAD		EM			II
Hill, Davie Jane Roberts	Urbana	LAS	Genl	So	S		
Hill, Doris Floy	Chicago	PHARM	Pharm	3	Sp	S	F
Hill, Ellen Maude, B.S., M.S.	Fairfield	GRAD	Educ	U	S		
Hill, Ellen Terry	Centralia	AGR	HEcon	Sr			II
Hill, Evelyn Camille	Findlay, Ohio	MED	Med	3	Sp	S	F
Hill, Frank John	Princeville	COM	UD	Sr		I	II
Hill, James Harry	Chicago	UGRAD		EM			II
Hill, John Warren	Wichita Falls, Tex.	UGRAD		EM			II
Hill, Marie	Champaign	FAA	Art	Jr		I	II
Hill, Mary Margaret	Benton	LAS	DGS	So		I	II
Hill, Shirley Ann	La Grange	LAS	Genl	Fr		I	II
Hill, Vincent Rue, B.S.	Springfield	MED	Med	4	Sp	S	F
Hill, Virginia Elizabeth	Bement	LAS	Genl	Fr		I	II
Hiller, Virginia Lee	Taylorville	COM	UD	Jr	S	I	II
Hillon, John T.	Chicago	UGRAD		EM			II
Hills, Joanne Hutchinson	Champaign	LAS	Genl	Sr	S	I	II
Hilsenhoff, Leslie William	Manteno	PHARM	Pharm	1	S	F	W
Hilts, Robert Gifford	Chicago	LAS	Genl	Fr		I	

Himelman, Seymour Solomon	Bradley Beach, N.J.	LAS	Genl	So	S	I
Himes, Peggy Jean	Urbana	LAS	Genl	Jr		I II
Hinchliff, Virginia, A.B.	Galesburg	GRAD	Educ	EM		I
Hindman, Shirley Edith	Urbana	LAS	Genl	So		I II
Hines, Anne Louise	Flora	LAS	DGS	Fr		I II
Hines, Evelyn Bernice	Arthur	LAS	Genl	Jr		I II
Hines, Harriet Elizabeth	Champaign	LAS	Genl	Fr		I
Hines, James La Fayette	Champaign	COM	LD	Fr		I II
Hines, James Rodger	Kewanna, Ind.	MED	Med	3	Sp S	F W
Hines, Ralph Howard	Chicago	LAS	Genl	Fr		I II
Hines, Vynce Albert, B.S., M.S.	Urbana	GRAD	Educ	U		I II
Hinnan, Betty	Enid, Okla.			Unc	S	
Hinterthuer, Helen Margaret, B.S.	Barrington	MED	EOccTher	Irr		I W
Hinton, Frank Edward	St. Elmo	AGR	Voc	Fr		I II
Hinton, Marian Helene	Foosland	AGR	HEcon	Jr		I II
Hinton, Marjorie Joan	Lawrenceville	LAS	Genl	Fr		I II
Hinton, Mary Laverne	Foosland	AGR	HEcon	Jr		I II
Hipp, Donna Fae	Aurora	LAS	Genl	So		I II
Hirsch, Edith	Chicago	LAS	Genl	So		I II
Hirsch, Gertrude Madeline	Chicago	LAS	Genl	Sr		I II
Hirsch, Iris Vivian	Chicago	FAA	Art	Fr		I II
Hirsch, Robert Albert	Chicago	LAS	PMed	So	S	I II
Hirsch, Sidney	Chicago	LAS	Genl	Fr		I II
Hirschtick, Edwin Joseph, B.S.	Chicago	DENT	Dent	4	Sp S	F
Hirsh, Avis Lee	Chicago	LAS	DGS	Fr		I II
Hirsh, Ira J.	Hewlett, N.Y.	UGRAD		EM		I II
Hirshfield, Hymen J., B.S.	Chicago	MED	Med	4	Sp S	F
Hirst, Gordon Scott, B.Ed.	Foosland	GRAD	Educ	U		I II
Hissong, Frances Dayne	Urbana	FAA	Mus	Jr		I II
Hissong, Leland Dean	Urbana	AGR	Genl	Fr		I
Hissong, Marjorie Frances	Chicago	FAA	Art	So		I II
Hitch, Betty Lorraine	La Grange	LAS	DGS	Fr		I II
Hitchcock, Juline Elizabeth, A.B.	Watska	GRAD	SWA	U		II
Hitz, Leonard James	Chicago	LAS	Genl	Fr		II
Hobson, Patricia Ann	Rantoul	EDUC	Genl	Sr	S	I II
Hockenbery, Jean Effaline	La Grange	PE	PE	Fr		I II
Hockhauser, Agnes Short	Sesser	LAS	Genl	Fr		I
Hockhauser, Martin	Linden, N.J.	MED	Med	2	Sp S	F W
Hockin, Robert Arnold	Marquette, Mich.	UGRAD		EM		II
Hocking, Warren Wesley	Oglesby	ENG	Genl	Fr		I II
Hoddinott, Joan Margaret	Lincolnwood	FAA	Art	Fr		I II
Hodges, David Robert	Chicago	UGRAD		EM		II
Hodges, Floyd P.	Chicago	UGRAD		EM		II
Hodgson, Elsie Grace, B.Ed.	Ottawa	GRAD	Educ	U	S	
Hoeckelman, Ralph Frank	Quincy	LAS	ChEng	Jr		I II
Hoekstra, Justin Bernard, A.B.	Grand Rapids, Mich.	GRAD	Physiol	U		I II
Hoepfner, Maria Johanna	Lincoln	LAS	Genl	Fr	S	
Hofer, Raymond Arthur	River Forest	UGRAD		EM		II
Hoffberg, Gerald Seymour	Chicago	UGRAD		EM		II
Hoffman, Alvin	Chicago	LAS	Genl	Fr		II
Hoffman, Beatrice	Chicago	LAS	Genl	Sr		I II
Hoffman, Francis H.	Chicago	MED	Med	1		I W
Hoffman, Frank William	Berwyn	COM	LD	Fr		II
Hoffman, Jack	Chicago	LAS	ChEng	Fr		II
Hoffman, James Joseph	Racine, Wis.	FAA	Arch	So		II
Hoffman, Jean Grace	La Grange	COM	LD	So		I II
Hoffman, Jean Mary	Rockford	JNL	Jnl	Sr	S	I II
Hoffman, Joseph Julius	Chicago	LAS	Genl	So		I II
Hoffman, Kathryn Ann	Quincy	LAS	Genl	Fr		I II
Hoffman, Marguerite Lois	Gary, Ind.	FAA	Mus	Jr		I II
Hoffman, Marilyn June	Chicago	LAS	Genl	Fr		II
Hoffman, Marion Evelyinn, B.S., A.M.	Champaign	GRAD	Speech	U		I II
Hoffman, Nelson Carrol	Litchfield	LAS	ChEng	Fr	S	I
Hoffman, Phillip Jay	Skokie	COM	LD	Fr		I
Hoffman, Phyllis, A.B.	Wilmette	LAS	Genl	Sr	S	
Hoffman, Stuart Walter	Park Ridge	LAS	Genl	Fr		I
Hoffs, Albertus John	Grand Rapids, Mich.	MED	Med	4	Sp S	F
Hofmann, John Scott	Champaign	COM	Genl	Fr		I
Hogan, James Donald	Waukegan	ENG	EE	So	S	I II
Hoganson, Constance Burdelle	Morris	LAS	Genl	Sr		I II
Hoge, Doris Jane	Chicago	LAS	Pjnl	So		I II
Hogenson, Selma Ida, A.B., B.S.	Stewartville, Minn.	LIB	LibSci	1		
Hogue, Lois Katherine, B.S.	Holcomb, Mo.	GRAD	Educ	U	S	
Hohe, Gloria Mae	Berwyn	LAS	Genl	Fr		I II
Hohmann, John Martin	Alexander	COM	LD	Fr		II
Hoit, Anne Lu	Geneseo	LAS	Genl	Jr		I II
Hoke, Gordon Austin	Arthur	PE	PE	Jr		I II
Hokin, Irving Albert, B.S., B.S.	Chicago	DENT	Dent	4	Sp S	F
Holacher, Mildred Genevieve, B.S.	Fairfield	AGR	HEcon	Jr	S	
Holcomb, Harriett	Tuscola	LAS	Genl	Sr		II
Holcomb, Ramona Jean	Decatur	COM	LD	Fr		I II
Holden, Lawrence Burt	Fayetteville, N.Y.	MED	Med	4	Sp S	F
Holl, Frances Virginia	Danville	FAA	Art	So		I II
Holland, Barbara	Norris City	LAS	DGS	Fr		I II
Holland, Bill Eugene	Belleville	LAS	PMed	Fr		II

Holland, David	Chicago	PHARM	Pharm	1	S	F	W
Holland, Gloria June	Chicago	LAS	PMed	Fr			II
Holland, Lynwood M., A.B., A.M.	Bronwood, Ga.	GRAD	PolSci	U		I	II
Holleb, Charles Mathew, Jr.	Chicago	LAS	PLaw	Fr			I
Holleb, Estelle	Chicago	LAS	Genl	So		I	II
Holleb, Raymond	Chicago	LAS	PMed	Fr	S		I
Holleb, Robert Joseph	Chicago	LAS	Genl	Fr	S		II
Holleb, Rosemary	Chicago	FAA	Art	So			I
Hollett, Allen Borum	Chicago	ENG	MinE	Jr			I
Hollett, Bonnie Jackson	Champaign	LAS	Genl	Fr			II
Holliday, Katherine Ethel, B.Ed., M.S.	Chicago	GRAD	Educ	EM			I
Hollingshead, Maud Delanie	Champaign	EDUC	Genl	Jr	S		I
Hollingsworth, Gayle Franklin	Urbana	LAS	Genl	So			I
Hollis, Charles Lee	Urbana	LAS	Genl	Fr			I
Hollmann, Bernice Jane	Larchmont, N.Y.	JNL	Jnl	Sr			I
Hollon, Esther Jeanne	Farmer City	LAS	Genl	Jr	S		I
Holloway, Elsie Ruth	Cobden	FAA	Art	Fr			I
Holloway, Lemuel Byrd, B.S.	Owaneco	GRAD	Educ	EM			I
Holloway, Virginia Sue	Decatur	LAS	Genl	So			I
Holman, Arthur Stearns	Elmhurst	FAA	Art	Fr			II
Holman, Carroll Brown, B.S.	Effingham	GRAD	Educ	U	S		
Holman, Jacquelyn Warren	Clayton, Mo.	LAS	Genl	So			I
Holmbeck, Marion Julia	Rockford	PE	PE	Sr			I
Holmberg, Carl V.	Chicago	UGRAD	EM				II
Holmes, Barbara Jean, A.B.	Champaign	LAS	Genl	Sr	S		
Holmes, Blanche, A.B.	Galesburg	GRAD	Educ	EM			I
Holmes, Lydia Lou	Quincy	AGR	HEcon	Jr			I
Holmes, Martha Ellen	Urbana	LAS	Genl	Fr			I
Holmes, Martha Marilyn	Urbana	LAS	DGS	So			I
Holmes, Melba Lee	Champaign	JNL	Jnl	Jr			I
Holmes, Ruth Streitmatter	Edelstein	LAS	Genl	Fr			II
Holmgren, Isabel Helen	Chicago	LAS	Chem	Fr			I
Holmgren, Nelda B., B.S.	Evanston	GRAD	Bact	C	Sp	S	F
Holmquist, George Victor	Justin, Mich.	DSSWV		Fr			I
Holmstrom, Betty Ellen	Rockford	LAS	Genl	Sr			I
Holoffe, Nadene	West Frankfort	MED	Med	2	Sp	S	F
Holsman, Doris Jean	Palatine	LAS	PJnl	Fr			I
Holston, Dorothy Ann	Nashville	PE	PE	So			I
Holt, Helen Louise, A.B., B.S.	Des Moines, Iowa	LIB	LibSci	1	S		
Holtz, Edward Fred	Des Plaines	UGRAD	EM				II
Holtzman, Norman Nathan	Chicago	LAS	PMed	So	S		I
Holze, Helmut William	Elgin	FAA	Art	Fr			I
Holzman, Eunice	Chicago	LAS	Genl	Fr			I
Homan, John Lampert	Chicago	UGRAD	EM				II
Homer, Ted Phillip	Chicago	COM	LD	Fr			I
Homerding, Joyce Lorene	Orland Park	LAS	Genl	Fr			I
Homm, Jeanne Regina	Chicago	AGR	HEcon	Sr			I
Homrighous, Mary Elizabeth	Oak Park	LAS	Genl	So			I
Hon, Dan Vinson	Springfield	ENG	Genl	Fr	S		I
Honea, Robert Clair, Jr.	Crystal Lake	LAS	Genl	Fr			II
Honn, Max Lyle, A.B.	Normal	GRAD	Educ	U			I
Honsik, Cyril Jandus, A.B.	Oak Park	MED	Med	4	Sp	S	F
Honsik, Frank Jandus, A.B.	Oak Park	MED	Med	4	Sp	S	F
Honzak, Ruth Myra	Chicago	EDUC	Genl	Jr			I
Hoobler, Marjorie Jean	Holland, Mich.	JNL	Jnl	Jr			I
Hood, Bette J. Staots, B.S.	Downers Grove	GRAD	Speech	U			II
Hood, Betty Jane	Strasburg	LAS	Genl	Fr			II
Hookanson, Richard Peter	Chicago	FAA	LArch	Fr			I
Hooks, Charles Oliver	Mason	AGR	Genl	Fr			I
Hooper, Catherine Sue, A.B.	Flint, Mich.	MED	EOccTher	Irr			I
Hoover, Floyd Lamar	Muir, Pa.	UGRAD	EM				II
Hoover, Marjorie Jane	Chicago	LAS	Genl	Jr			I
Hopkins, Alice Regina	Chicago	LAS	Genl	So			II
Hopkins, Marilyn Virginia	Gardner	LAS	Chem	Fr			I
Hopkins, Ralph	Mulberry Grove	LAS	Chem	Fr			I
Hoppe, Marian Louise	Ferguson, Mo.	ENG	Genl	Fr			I
Hopper, Lyle Edmund	Chicago	UGRAD	EM				II
Hopson, Jeanne Louise	Girard	LAS	PLaw	Fr	S		I
Horberg, Mordicai Daniel	Chicago	LAS	PMed	Fr			II
Horenstein, Simon	Providence, R.I.	MED	Med	1			W
Horine, Roy Claude	Chicago	COM	UD	Jr			I
Horn, Gerald Joseph	Chicago	UGRAD	EM				II
Horn, Henrietta Rosa Frances	Chicago	LAS	Genl	Jr			I
Hornacek, Rudolph Emil	Chicago	LAS	PMed	Fr			I
Hornak, Anna Frances, A.B.	College Station, Tex.	LIB	LibSci	1			I
Horner, Doris Jane	Chicago	LAS	Genl	So			I
Horning, Lois Marion	Lancaster, Pa.	FAA	Mus	Jr			I
Hornor, Merle Haroldene	Danville	LAS	Genl	Jr	S		
Hornstein, Howard Leslie	Chicago	MED	Med	3	Sp	S	F
Hornung, Nancy Ann	Ottawa	LAS	Genl	So			II
Horowitz, Lawrence	Chicago	DENT	Dent	2	Sp	S	F
Horowitz, Nathan, M.D.	New Orleans, La.	MED	Laryng	PG			F
Horrom, Bruce Wayne	Springfield	LAS	Genl	Sr			I
Hortin, Gordon Crome	Albion	COM	UD	Sr			I
Horton, Lloyd T.	Boston, Mass.	UGRAD	EM				II

Horvath, Barbara Helen	Chicago	LAS	PMed	Fr	II
Horwich, Edward Ira	Oak Park	COM	LD	Fr	II
Horwitz, Adolph H.	St. Louis, Mo.	UGRAD		Fr	EM
Horwitz, Shirley Ruth	Chicago	LAS	Genl	So	I II
Hosaeus, Marga, B.S., M.S.	Champaign	GRAD	PE	U	S
Hosch, Donald Harry	Danville	ENG	EE	So	I II
Hoskins, Rose Marie	Chicago	FAA	Art	So	I II
Hosler, Allan Myron	Naperville	MED	Med	I	W
Hostettler, Helen Ruth	Denver, Colo.	LAS	Genl	Fr	I II
Hostettler, Veva Florence	Urbana	EDUC	Genl	Jr	S
Hostinsky, Lois Aileen, B.S.	Manhattan, Kans.	GRAD	Math	U	I II
Hottinger, Ruth Estelle	Chicago	FAA	Art	Fr	II
Hotz, Walter Leo	Glenside, Pa.	LAS	Genl	So	S
Hough, Leon Fredric, B.S., M.S.	Champaign	GRAD	Hort	U	S I II
Houghton, Carrie McCreery, B.S.	Springfield	GRAD	PoSci	EM	I
Houghton, Edward William	Springfield	UGRAD		EM	II
Houk, John Myron	Yates City	PE	PE	So	I
Hounson, Zella Beatrice	Chicago	UGRAD		EM	I
Haupt, Jeannette Rose	Palestine	FAA	Art	Fr	I II
House, Elizabeth Kay	Payson	LAS	Genl	Sr	I II
Houston, Nancy Evans, B.S.	Urbana	GRAD	PE	U	II
Howard, Angeline Aliva	Chicago	MED	OccTher	4	S F W
Howard, Barbara Jeanne	Mt. Vernon	LAS	Genl	So	I II
Howard, Betty Joan	Fairmount	LAS	DGS	Fr	I II
Howard, Edgar, Jr., B.S.	Apponaug, R.I.	GRAD	Chem	U	S I II
Howard, Gladys	Jacksonville	UGRAD		EM	I
Howard, Herman McAdams	White Hall	LAS	PMed	Fr	I
Howard, Joan Marillyn	Chicago	FAA	Art	Fr	I II
Howard, Joseph Hannibal, A.B.	Chicago	DENT	Dent	3	Sp S F W
Howard, Patricia Ann	Chicago	LAS	PJnl	Fr	II
Howard, Shirley Anne	Urbana	LAS	Genl	Jr	I II
Howard, Stanley P., B.S., M.D.	Jefferson City, Mo.	MED	Laryng	PG	F
Howard, Thomas, Jr.	Springfield	UGRAD		EM	I
Howard, Young Willis, A.B.	Greensboro, N.C.	GRAD	Educ	U	I
Howe, Mary June	Rock Falls	LAS	Genl	Fr	I
Howe, Reid	Oak Park	ENG	ME	So	I II
Howe, Robert Dee	Salem	ENG	Genl	Fr	S I
Howell, Beth	West Frankfort	COM	LD	Fr	I II
Howell, Doris La Vera, B.Ed.	Winnebago	GRAD	Educ	EM	I
Howell, Eleanor Jean	Congerville	LAS	Genl	So	I II
Howerton, Miriam Jean	Louisville, Ky.	LAS	Genl	Jr	I II
Howey, Robert, B.S.	Newark	GRAD	Educ	EM	I
Howey, Roy, Jr.	Tuscola	LAS	Genl	So	II
Howley, Mary Eloise Teresa	Decatur	LAS	Genl	Sr	I
Hoyt, Donald Paul	Cherokee, Iowa	LAS	Genl	Fr	S I II
Hrubesh, Helen Marie, A.B.	Cedar Rapids, Iowa	LAS	EOccTher	Irr	II
Hruda, Laurel Emily	Berwyn	ENG	ME	Jr	S I II
Hruda, Lillian Ruth, B.S.	Berwyn	GRAD	Chem	U	S I II
Hu, Yao Yung, B.S., M.S., M.S.	Shanghai, China	GRAD	CE	U	S
Huang, Chung, B.S.	Peiping, China	GRAD	Agron	U	II
Hubbard, Barbara Jean	Rock Island	LAS	Genl	So	I II
Hubbard, Clarence Vernon, A.B.	Dunedin, Fla.	GRAD	Bact	U	I II
Hubbard, Paul Gaylord, Jr., A.B.	Minneapolis, Minn.	GRAD	Hist	U	I II
Huber, Fred John, B.S.	Peoria	GRAD	Educ	EM	I
Huberman, Winifred Janet	Hewlett, N.Y.	LAS	Genl	Fr	II
Hubka, Emil Francis	Oak Park	LAS	Genl	Jr	I II
Huch, Louis Charles	Chicago	LAS	DGS	Fr	I
Huck, Lou Ann	Urbana	JNL	ENJnl	Fr	I II
Hudak, Elaine Jane	La Salle	LAS	Genl	So	I II
Hudak, Elizabeth Quinn	Decatur	EDUC	Genl	Jr	S
Huddleston, Marjorie Inez	Mt. Sterling	LAS	Genl	So	S I II
Hudelson, Virginia Lee	Urbana	LAS	DGS	Fr	I II
Hudnut, Ethel Ione	Mason	LAS	Genl	Fr	I
Hudson, Gloria Jane	Nauvoo	COM	UD	Jr	S I II
Huelbig, Patricia Jean	Marissa	FAA	Mus	Sr	I II
Huelsens, Alva Jeannette	Urbana	LAS	Genl	Sr	I
Huelsens, William Bland	Urbana	ENG	Genl	Jr	S I
Huelster, Laura Jewel, B.S., A.M.	Champaign	GRAD	Educ	U	I
Huff, Marjorie Eloise	Bluford	COM	LD	Fr	I II
Huffaker, Nina Lou	Bald Knob, Ark.	FAA	Mus	Jr	I II
Huffman, Warren Justus, A.B., A.M.	Champaign	GRAD	Educ	U	S I II
Hufford, Audrey Dean	Fairfield	LAS	DGS	So	I II
Huggins, Eugenia Helen	Chicago	LAS	Genl	Sr	I II
Hughes, Barbara Jean	Danville	PE	PE	Fr	I II
Hughes, Doris Jean	Granite City	FAA	Art	Fr	I II
Hughes, Elaine Mary, B.S.	Aurora	JNL	Jnl	Sr	S
Hughes, Margaret Louise	Granite City	LAS	DGS	Fr	I II
Hughes, Millard Eugene	Denver, Colo.	FAA	Arch	Fr	I II
Hughes, Robert Gilbert	Cape May, N.J.	UGRAD		EM	II
Huish, Melvin Theodore	Alton	LAS	Genl	Sr	S I II
Hull, Eloise Maxine	Hull	LAS	Genl	Fr	I II
Hull, John Walter	Chicago	LAS	ChEng	So	I II
Hull, Joyce Marie	Chicago	LAS	Genl	Fr	I II
Hull, Mabelle Eleanor	Mattoon	LAS	Chem	Fr	I II
Hull, William Henry, B.S.	Rantoul	GRAD	Educ	U	II
Hulla, Florence Elizabeth	Chicago	LAS	Genl	Fr	I II

Hulsberg, Edna Young	South Elgin	PHARM	Pharm	1	S	F	W
Hultgren, Harold Hans	Chicago	FAA	Arch	So		I	II
Humble, Thomas William	Chicago	DENT	Dent	1			W
Hume, Lois Patricia	Kansas City, Mo.	ENG	EE	Sr	S		
Humphrey, Mary Louise	Moweaqua	LAS	Genl	Jr		I	II
Humphrey, Samuel Alexander	Danville	ENG	ME	So	S	I	II
Humphreys, Juanita	West Frankfort	COM	LD	Fr		I	II
Hunchar, Fredric Parker	Jackson Heights, N.Y.	MED	Med	1			W
Hunley, Louis Henry, Jr.	Jefferson City, Mo.	FAA	LArch	Fr		I	II
Hunsucker, Barbara Ann	Champaign	LAS	Genl	Fr		I	II
Hunsucker, John Emerson	Champaign	ENG	Genl	Fr	S		
Hunt, Effie Neva, A.B.	Waverly	GRAD	Engl	U		I	II
Hunt, Kenrick Dalton	New York, N.Y.	UGRAD		EM			II
Hunt, Miriam Kitzmiller	Hinsdale	LAS	Genl	Fr	S		
Hunt, Shirley Estel	Urbana	JNL	Jnl	Sr		I	II
Hunter, Harry Laymond, A.B.	Girard, Kans.	MED	Med	3	Sp	S	F
Hunter, James Robert, A.B., A.M.	Quincy	GRAD	Educ	EM			II
Hunter, John Henry, B.S.	St. Louis, Mo.	GRAD	PolSci	U	S		
Hunter, Naomi Wingfield, A.B., A.M.	Peoria	GRAD	Speech	U		I	II
Hurd, Helen Virginia	Champaign	AGR	HEcon	Jr		I	II
Hurd, Margaret Mae, A.B.	Champaign	LAS	Genl	Sr	S		
Hursey, Margarette Audry	Urbana	LAS	Genl	So			II
Hurst, Ruby LNAce	Centralia	LAW	Law	1	S		
Hurt, Wilma Jean	Fairbury	JNL	Jnl	Sr		S	II
Hurtte, Frank Eldridge	Taylorville	COM	LD	Fr	S		
Hurwich, Ethel Rose	Chicago	LAS	Genl	Jr		I	II
Hurwitz, Charlotte Joan, B.S.	Chicago	MED	Med	4	Sp	S	F
Hurwitz, Harvey Louis	Rochester, N.Y.	COM	UD	Sr		S	II
Husman, Delmar Wayne, B.S.	Urbana	ENG	AgEng	Irr			II
Hussemann, Dorothy Lillian, B.S., M.S.	Roanoke	GRAD	HEcon	U		I	II
Hussey, Mary Adeline, A.B., A.M.	Urbana	GRAD	Engl	U	S		
Hustedt, Lois ElRose	Clifton	LAS	Genl	Fr			II
Huster, Joan Barbara	Chicago	LAS	PJnl	Fr		I	II
Huston, Hazel Mosier	Urbana	EDUC	Genl	Sr		I	II
Hutchins, Marion Faye	Rockford	LAS	PJnl	Fr		I	II
Hutchinson, Gale Lynn, Jr.	Geneseo	FAA	LArch	So		I	II
Hutchison, Georgetta	Evanston	LAS	Genl	So		I	II
Hutson, Gretchen Irene	Chicago	LAS	DGS	Fr		I	II
Hutter, Ruth Maria	Forest Park	FAA	Mus	Sr		I	II
Hutton, Patricia Jean	Maywood	MED	OccTher	4	S	F	W
Hyde, Elizabeth Louise	Symerton	FAA	Art	Sr		S	II
Hyde, John S., B.S.	Chicago	MED	Med	4	Sp	S	F
Hyde, Ralph DeForrest	Waukegan	UGRAD		EM			II
Hyland, Mary Jane Ann	Chicago	LAS	Genl	So		I	II
Hyman, Carol L.	Clayton, Mo.	LAS	Genl	So		I	II
Hynes, Joseph John	Larchmont, N.Y.	UGRAD		EM			II
Iball, Mary Elizabeth, A.B., A.M.	Witt	GRAD	Math	U	S		
Iben, Kathryn Tomlin	Springfield	UGRAD		EM			II
Icenogle, Eleanor Jean	Toledo	AGR	HEcon	Fr		I	II
Icenogle, Richard Eugene	Mattoon	MED	Med	3	Sp	S	F
Ifft, Raymond Harold	Fairbury	LAS	Genl	Fr		I	II
Igler, Toby Mathilda	Chicago	LAS	Genl	Sr	S	I	II
Ignatius, Ara	Maywood	FAA	Arch	Fr		I	
Igra, Ludwig	Chicago	MED	Med	4	Sp	S	F
Ihnen, Menard C.	Golden	MED	Med	3	Sp	S	F
Ikenn, Arthur Bernard	Chicago	LAS	PDent	Fr		S	II
Iles, Bette Jeanne	Urbana	LAS	Genl	So		S	II
Iliif, Donald Woodrow	Chicago	DENT	Dent	2	Sp	S	F
Illich, Joseph	Riverside	ENG	Genl	Fr		I	II
Illich, Lorraine Jane	Riverside	LAS	Genl	Sr	S	I	II
Indeck, Walter	Chicago	MED	Med	2	Sp	S	F
Ingalls, Horace Ballou	Springfield	UGRAD		EM			I
Ingalls, Shirley Katherine	Chicago	FAA	Mus	Fr			II
Ingebretsen, Eleanor Lois, B.S.	Minneapolis, Minn.	MED	EOccTher	Irr			II
Ingham, Isabelle Cecile	Chicago	LAS	Genl	Fr		I	II
Ingles, Gail Davis	Rushville	COM	LD	Fr			I
Ingles, Jane Noel	Indianapolis, Ind.	FAA	Art	Jr		I	II
Ingles, Mary Esther	Indianapolis, Ind.	LAS	Genl	Fr			II
Ingraham, Raymond Clifford, B.S., Ph.D.	Chicago	MED	Med	2	Sp		
Ingram, Annette Jane	Park Ridge	LAS	Genl	Sr		I	II
Interlandi, Joseph, B.S.	Chicago	MED	Med	4	Sp	S	F
Ireland, Lloyd Owen	De Kalb	COM	LD	So			II
Irion, Alma Mae	Ottawa	EDUC	Genl	Jr		I	II
Irish, Keith Randall, B.S.	Chicago	MED	Med	4	Sp	S	F
Irwin, Clifford Howard	Chicago	COM	LD	Fr		I	II
Irwin, Roy Lee, Jr.	Chicago	AGR	PF	Fr		S	II
Irwin, Virginia Lister, B.S.	Urbana	GRAD	LibSci	U	S	I	II
Isaac, Elbert Don, A.B.	Mulberry Grove	GRAD	Educ	U			II
Isaacs, Betty Eleanor	Havana	EDUC	Genl	Sr		I	II
Iseberg, Jerrol Lyon	Elgin	LAS	Genl	So		I	II
Isenstein, Charlotte Neomi	Chicago	LAS	Genl	Sr		I	II
Isenstein, Marvin	Chicago	LAS	Genl	Fr	S		
Iser, Arline Lucille	Chicago	LAS	Genl	Sr		I	II
Ishihara, Sachiko Janet	Chicago	LAS	PMed	Fr		I	II
Isler, Marilyn Gloria	Bronxville, N.Y.	LAS	Genl	Fr		I	II
Isley, Orville Glenn, B.S., M.S.	Polo	GRAD	Educ	U	S		

Israel, Patrick Leon	Chicago	MED	Med	2	Sp	S	F	W
Israel, Thomas Wendell, A.B.	Wood River	GRAD	Educ	EM				II
Itil, Talat	Istanbul, Turkey	ENG	CE	So			I	II
Ivan, Lucille Shearon, A.B., A.M.	Eik Point, S.Dak.	MED	Med	1			I	W
Iverson, Alice Harriett	Chicago	FAA	Art	So			I	II
Iverson, Helen Victoria	Chicago	MED	Med	1		S		W
Ives, Arline Belle	Franklin Grove	LAS	Genl	Fr			I	II
Ivy, Rosa Jeannette	Springfield	UGRAD		EM			I	II
Izaks, Stanley	Chicago	COM	LD	Fr				I
Izard, Marilyn Pearl	Chicago	LAS	Genl	Jr		S		I
Jablonski, Harry Ignatius	Chicago	PHARM	Pharm	1				W
Jacklin, Phillip Drummond	Oak Park	UGRAD		EM				II
Jacks, Trillis June	Chicago	PE	PE	Jr			I	II
Jackson, Agnes Elizabeth, B.S.	Danville	GRAD	Educ	U			I	II
Jackson, Doris Mae	Fisher	LAS	Genl	Jr			I	II
Jackson, Ervin Wilfred, B.S., A.M.	Springfield	UGRAD		EM				I
Jackson, Juanita Leona	Peoria	GRAD	Educ	EM				I
Jackson, Kathleen Swingley	Waterloo	FAA	Mus	Fr			I	II
Jackson, LaVerne Marillyn	Oregon	AGR	HEcon	Sr			I	II
Jackson, Melvin Wheeler, B.Ed.	Seneca	EDUC	Genl	Jr			I	II
Jackson, Sherwood L., B.S.	Hollywood, Calif.	GRAD	CE	U		S	I	II
Jackson, William A.	Seneca	AGR	Voc	Irr				I
Jackson, William Gordon, B.S., M.S.	Chicago	UGRAD		EM				II
Jacob, Irene	Traverse City, Mich.	GRAD	Chem	U		S	I	II
Jacob, Rolla Joanne	Bridgeport, Conn.	FAA	Art	Jr			I	II
Jacobeit, Fred Alfred	LAS	LAS	Genl	Jr			I	II
Jacobs, Browning Roderick	Chicago	PE	PE	Fr			I	II
Jacobs, Edward Louis	Pekin	ENG	EE	Jr			I	II
Jacobs, Jeanette Ruth	Chicago	PE	PE	So		S		I
Jacobs, Lester, B.S.	West Chicago	FAA	Arch	Fr			I	II
Jacobs, Priscilla Anne	Chicago	DENT	Dent	4	Sp	S	F	W
Jacobs, Ruth Louise	Jerseyville	LAS	Genl	So				I
Jacobs, Shirley Ann	Champaign	LAS	Genl	Fr				I
Jacobs, Suzanne Ruth	Escanaba, Mich.	LAS	Genl	Jr			I	II
Jacobs, Winifred Jeanne	Chicago	JNL	EJnl	Fr			I	II
Jacobson, Bernard Weil	Dundee	EDUC	Genl	Jr			I	II
Jacobson, Carleton John, B.S.	University City, Mo.	ENG	CE	Sr		S	I	II
Jacobson, Lois Olive	Chicago	GRAD	Educ	U				II
Jacobson, Marvin, B.S.	Cicero	LAS	Genl	Jr			I	II
Jacobson, Mary Elizabeth	Chicago	DENT	Dent	3	Sp	S	F	W
Jacobson, Phyllis May	Galva	AGR	HEcon	So		S	I	II
Jadwin, David Lee	Shaker Heights, Ohio	Genl	Genl	Fr				I
Jaeger, Harry Albert	Chicago	COM	UD	Jr			I	II
Jaeger, Jerald Francis	Kenilworth	UGRAD		EM				II
Jaffe, Barnard Mack	Freeport	ENG	ME	Sr			I	II
Jaffe, Jacqueline	Chicago	LAS	Genl	Fr				I
Jaffe, Phyllis Hazel	Chicago	LAS	Genl	Fr				II
Jaffe, Sanford Irwin	Chicago	LAS	Genl	So		S		
Jaglowski, Victoria Veronica, R.N.	Willow River, Minn.	PHARM	Pharm	Spec				W
Jahn, Richard George Edward	Arlington Heights	LAS	PMed	Fr				I
Jakofsky, Morris, B.S.	Chicago	MED	Med	4	Sp	S	F	
Jakubik, Josephine Mary	Chicago	AGR	HEcon	Fr				I
James, Carol Barbara	Sycamore	LAS	Genl	Fr				I
James, Nellie Ellis, A.B.	St. Louis, Mo.	GRAD	Math	EM		S	I	II
James, Theodore Burton	Springfield			Unc		S		
James, Viola Louise, A.B.	McPherson, Kans.	LIB	LibSci	1				I
James, William Albert	Rockford	ENG	Genl	Fr				I
Jameson, Donovan Edward, B.S.	Peoria	GRAD	Educ	EM				I
Jamison, Brownie Ralph, D.D.S.	Rochester, N.Y.	GRAD	Orthod	C		S		
Janesak, Florian	Chicago	UGRAD		EM				II
Janett, Florence Elizabeth	Belleville	LAS	Genl	So				II
Janeway, Ray Curtis, A.B., B.S., M.S.	Urbana	GRAD	LibSci	U		S		
Janflone, Mary T.	Pittsburgh, Pa.	UGRAD		EM				II
Janic, Charlotte Marcella	Berwyn	AGR	HEcon	Jr				I
Janis, Robert Andrew	Chicago	PE	PE	Fr				II
Jankers, Raymond Joseph, Jr.	Bensenville	LAS	Genl	Jr		S	I	II
Janney, Irwin William	Kansas City, Mo.	ENG	Ephy	Jr		S	I	II
Janows, Sidney Marvin, B.S.	Chicago	DENT	Dent	4	Sp	S	F	W
Janssen, Donald Edgar	Taylorville	PE	PE	Fr				I
Janssen, Henry H., A.B., B.Ed.	Springfield	GRAD	Educ	EM				I
Jantzen, Rosemary Eleanore, A.B., A.M.	Springfield	GRAD	Engl	U		S	I	II
Jacques, Ruth Anne	Bartleso							
Jarand, Lorain Irving, B.S.	Laura	AGR	HEcon	So				I
Jarand, Paul Amhuel	Farina	DENT	Dent	1	Sp	S	F	
Jarand, Pearl Lillian	Farina	MED	Med	3	Sp	S	F	W
Jaronik, Stanley John	Farina	LAS	PMed	So		S		
Jarrell, Alice Pearl, B.S., A.M.	Waukegan	COM	UD	Jr				I
Jarrell, Robert Homer	Harrisburg	GRAD	Educ	U		S		II
Jarvis, Sue Curtin	Harrisburg	COM	UD	Sr				I
Jauch, Adelaide Veronica	Roxbury, Conn.	LAS	Genl	Fr				II
Javid, Farhang	Toluca	LAS	Genl	Fr				I
Javid, Hushang	Tehran, Iran	ENG	ME	3	S	I	II	II
Javid, Manucher	Tehran, Iran	MED	Med	Sr				W
Jawgiel, Dorothy	Tehran, Iran	MED	Med	3				W
Jedlicka, Jack Jacob	Chicago	LAS	Genl	Fr				II
	Palos Park	LAS	DGS	Fr				I

Jeffe, Beatrice Rochelle	Chicago	LAS	DGS	Fr		I	
Jeffords, Francis Wheatley	Williamstown, Vt.	MED	Med	2	Sp	S	F W
Jeffries, John Urban	Charleston	ENG	EE	Sr		S	I II
Jelinek, Charles Frank, B.S., Ph.D.	Miles City, Mont.	GRAD	Chem	U		S	
Jelliffe, Charles Richard	Springfield	LAS	PMed	So		S	I II
Jelliffe, Martha Lucien	Springfield	FAA	Art	Fr			I II
Jemsek, Rose Ann	West Chicago	COM	LD	Fr			I II
Jenicek, John Andrew, B.S.	Chicago	MED	Med	3	Sp	S	F W
Jenista, Helen Sydney, A.B.	Rock Island	GRAD	Educ	U			I
Jenkins, Ben W.	Casper, Wyo.	UGRAD		EM			II
Jenkins, Edith Grace	River Forest	LAS	Genl	Sr		S	I
Jenkins, Horace Junior	Danville	LAS	PJnl	Fr			I
Jenkins, Jacqueline Juanita	Riverside	PE	PE	Fr			I
Jenkins, Jeanne Mary	Highland Park	LAS	Genl	So			II
Jenkins, Marion Edith	Park Ridge	LAS	Genl	Sr			I II
Jenkins, William John, B.S.	Herrin	ENG	ME	Sr		S	
Jenks, Jessie Pearl, A.B., B.L.S.	Springfield	UGRAD		EM			I
Jennings, Curtis H., B.Ed.	Zeigler	GRAD	Educ	U		S	
Jennings, Edward Everett, Ph.B., A.M.	Galesburg	GRAD	Educ	EM			I
Jennings, Helen Huckins	Champaign	LAS	Genl	So			I II
Jennings, Paul Laurence	Ashton	AGR	Genl	So		S	I II
Jenny, Arlene Pearl	Elgin	LAS	Genl	So			I
Jensen, Gale Edward, B.S.	Urbana	GRAD	Educ	U		S	I II
Jensen, John Albert, B.Ed.	Fulton	GRAD	Educ	EM		S	I
Jensen, Ruth Ann, A.B., A.M.	La Salle	GRAD	Educ	EM			I
Jepson, Dorothy Mae, B.S.	Macon, Mo.	FAA	Mus	Sr		S	
Jerry, Ola Amice, B.S., M.S.	Brazil, Ind.	GRAD	Engl	U			I
Jeter, Allen Hunter	Lawrenceville	FAA	Mus	Fr			I II
Jewell, Victor Gains, A.B.	Tolono	GRAD	Educ	U			II
Jiles, Elaine Cook	Heflin, La.			Unc		S	
Jobst, Barbara Marie, A.B.	Evanston	MED	EOccTher	Irr		S	F
Joelson, Jack Bernard	New York, N.Y.	LAS	PJnl	Fr			II
Joffe, Irving	Washington, D.C.	UGRAD		EM			II
Joffe, Norman	Washington, D.C.	UGRAD		EM			II
Johansen, Richard Earl	Chicago	FAA	Art	Fr		S	I
Johanson, Shirley Hope	Chicago	ENG	Genl	Fr			II
John, Margaret Lucille	Kutland Heights, Mass.	LAS	PJnl	Fr			I II
Johns, Glenn Arvil	Plano	DSSWV		Fr		S	
Johns, John	Evanston	PE	PE	Fr			II
Johns, Harleigh Drewler	Rockford	AGR	Genl	Sr		S	I II
Johns, Jared Ellison	Peoria	LAS	Genl	Fr		S	I
Johns, Mary Lee	Metropolis	LAS	Genl	Sr			I II
Johns, Paul Francis	Pittsburgh, Pa.	UGRAD		EM			II
Johnson, Alan K., A.B., B.S.	Chicago	MED	Med	4	Sp	S	F
Johnson, Albert Donald	Chicago	ENG	CerE	Fr			II
Johnson, Alice Bertha	Robinson	COM	LD	Fr			I II
Johnson, Alice Irene, A.B.	East Moline	GRAD	Educ	U		S	
Johnson, Anita May	Aledo	LAS	Chem	Fr			I II
Johnson, Arne B.	Marquette, Mich.	UGRAD		EM			II
Johnson, Aubrey C.	Chicago	UGRAD		EM			II
Johnson, Bengt Gunward	Rockford	ENG	Genl	So		S	I II
Johnson, Benjamin Thomas	Paxton	LAS	Genl	Fr			II
Johnson, Betty Marie	Maple Park	PE	PE	Jr			I II
Johnson, Betty Winnifred	Palos Heights	LAS	Genl	Fr			I II
Johnson, Beverly Louise	Yucaya, Calif.	JNL	Jnl	Jr			II
Johnson, Carl B.	Chicago	UGRAD		EM			II
Johnson, Carl David, Jr.	Evanston	ENG	ME	Jr			I II
Johnson, Carol Louise	East Moline	FAA	Mus	Sr			I II
Johnson, Claranne Von Fossen, A.B.	Champaign	GRAD	Psychol	U			II
Johnson, Clarence Harvey, B.S.	Greenville	GRAD	Educ	EM		S	I II
Johnson, Dolores Helen	Rockford	EDUC	Genl	Sr			I II
Johnson, Donald Tyler	Chicago	LAS	Genl	Fr		S	I
Johnson, Dorothy Bernice, B.S.	Seneca	GRAD	Geol	U			I
Johnson, Dorothy Lorraine	Chicago	LAS	PMed	So			I II
Johnson, Edward Paul	Chicago	UGRAD		EM			II
Johnson, Eric Henry, B.Ed., A.M.	Flanagan	GRAD	Educ	U		S	
Johnson, Eugene Gunnard	Chicago	LAS	DGS	Jr		S	I II
Johnson, Eugene Lester, B.S., A.M.	Galesburg	GRAD	Educ	EM			I
Johnson, Eugene Melvin	Flora	EDUC	Genl	Jr		S	I II
Johnson, Evelyn Ann	Tampa, Fla.	LAS	OccTher	Fr			I II
Johnson, Florence Josephine	West Hartford, Conn.	JNL	Jnl	Sr			I II
Johnson, Francis O.	Chicago	UGRAD		EM			II
Johnson, Frank Bernard	Momence	ENG	Genl	Fr			I
Johnson, Frank Edward, Jr.	Chicago	LAS	Genl	Jr			I II
Johnson, Fred Henry, Jr.	Pittsburgh, Pa.	LAS	ChEng	So			I II
Johnson, Frederick Lloyd	Wheaton	LAS	DGS	Fr		S	I
Johnson, George Allen	Evergreen Park	ENG	ME	Fr			I II
Johnson, Gladys Marion, Ph.B.	Springfield	UGRAD		EM			I II
Johnson, Gloria, B.S.	Chicago	MED	EOccTher	Irr		S	I
Johnson, Gordon Harenc, B.S.	Chicago	GRAD	Cer	U			I II
Johnson, Harold Victor, B.S.	Canton	GRAD	Educ	EM			I II
Johnson, Harriet Frances	Urbana	LAS	Genl	Fr			I II
Johnson, Henry E.	Chicago	UGRAD		EM			II
Johnson, Hubert Primm	Danville	FAA	Arch	So			II
Johnson, Ivan Delos	Donovan	MED	Med	1			W

Johnson, James Francis	Galesburg	COM	LD	Fr		I	II
Johnson, Jean Fackler	Tolono	FAA	Mus	Sr			II
Johnson, Joan Patricia	Chicago	LAS	DGS	Fr		I	II
Johnson, Judith Mae	Urbana	LAS	PJnl	Fr		I	II
Johnson, Kenneth Vernon	Granite City	MED	Med	4	Sp	S	F
Johnson, L. Paul	Geneva	MED	Med	4	Sp	S	F
Johnson, Laura Selby, A.B., B.S.	Urbana	GRAD	LibSci	U		S	I
Johnson, Laurabelle	Crossville	LAS	Genl	Sr			II
Johnson, Leonora Victoria	Oak Park	LAS	Genl	Fr			II
Johnson, Le Roy Ellsworth, D.V.M., M.S.	Urbana	GRAD	AnPath	U		I	
Johnson, Lizzie Almira, B.S.	Gibson City	GRAD	Educ	U			II
Johnson, Lorraine Evelyn	Maywood	COM	LD	Fr			II
Johnson, Marena Josephine	Aledo	LAS	Genl	Sr			II
Johnson, Margaret Eileen	Normal	AGR	HEcon	Fr			II
Johnson, Marilyn Estelle	Rockford	AGR	HEcon	Fr			II
Johnson, Marilyn Jean	Danville	AGR	HEcon	Fr			II
Johnson, Mary Helen	Jacksonville	UGRAD		EM			II
Johnson, Merle Cecil	Chillicothe	LAS	Genl	Fr		I	
Johnson, Merwyn Louis, A.B., B.D.	Piper City	GRAD	Educ	U			II
Johnson, Mildred Linnea, B.S., A.M.	Galesburg	GRAD	Com	EM		I	
Johnson, Minnie Esther, B.Ed.	Galesburg	GRAD	Educ	EM		I	
Johnson, Morris Elwood	Polo	ENG	ME	Fr			II
Johnson, Naomi Florence	Donovan	LAS	Genl	Fr			II
Johnson, Nicholas Stanslaus	Champaign	COM	UD	Sr		S	I
Johnson, Phyllis Ann	Elgin	LAS	Genl	Fr			II
Johnson, Phyllis Marjorie	Chicago	LAS	OccTher	Jr		S	
Johnson, Pinkie Esther H.	Purcell, Okla.	AGR	HEcon	Fr			II
Johnson, Richard Marvin	Oak Park	MED	Med	2	Sp	S	F
Johnson, Robert Arthur	Pontiac	ENG	ME	Fr			II
Johnson, Robert Carleton	Chicago	UGRAD		EM			II
Johnson, Robert Curtiss	Champaign	GRAD	ChEng	U		S	I
Johnson, Robert Raymond	Chicago	UGRAD		EM			I
Johnson, Shirlee Esther	Annawan	LAS	Genl	So			II
Johnson, Suzanne Loretta	Waukegan	LAS	Genl	Sr			II
Johnson, Thomas Gordon	Hillsboro, N.Dak.	MED	Med	1			W
Johnson, Virginia Clare	Donovan	LAS	Genl	Sr			II
Johnson, Virginia Edith	Chicago	LAS	Genl	Sr			II
Johnson, Walter Miller, B.F.A., A.M.	Woodhaven, N.Y.	GRAD	Educ	U			I
Johnson, William Danner	Danville	ENG	EE	Fr		S	
Johnson, William Kenneth	Middletown	COM	LD	So			I
Johnson, Charles Edward	Kankakee	LAS	DGS	Fr			II
Johnston, Donald Loren	Albion	ENG	EE	Jr			II
Johnston, Dorothy Jean	Urbana	LAS	Genl	So		S	I
Johnston, George Edward	Mt. Vernon	LAS	Genl	Sr			II
Johnston, Isola Nelson	Decatur	LAS	Genl	Sr			II
Johnston, James Grosvenor	Kankakee	LAS	Genl	Sr			II
Johnston, James Richard	Champaign	AGR	Genl	Fr			II
Johnston, Jean Poorman	Mattoon	LAS	Genl	Fr			II
Johnston, June Loretta	Buckley	AGR	HEcon	Sr		S	I
Johnston, Norma Jean	Holcomb	LAS	Genl	Fr		S	I
Johnston, Ruth Genevieve	Buckley	AGR	HEcon	So		S	I
Johnston, Thomas Sherman	Chicago	DENT	Dent	3	Sp	S	F
Johnston, Verna Ruth, B.S., M.S.	Berwyn	GRAD	Zool	U		S	
Johnston, Wilma Louise	Urbana	LAS	OccTher	So			II
Jolly, Barbara J. Wallace	Chicago	LAS	Genl	Jr		S	I
Jolly, John Wesley	Chicago	COM	UD	Sr		S	I
Jolly, William Lee	Chicago	LAS	Genl	Fr			II
Jonassen, Hans Boegh, B.S., M.S.	New Orleans, La.	GRAD	Chem	U		I	II
Jones, Alice May	Harvard	LAS		Sr			II
Jones, Annette, A.B.	Jackson, Miss.	LAS	EOccTher	1	rr		II
Jones, Barbara Nancy	St. Anne	EDUC	Genl	Jr			II
Jones, Beatrice Margaret	Taylorville	LAS	Genl	Sr			II
Jones, Beverly Mae	Evanston	JNL	Jnl	Sr			II
Jones, Charles Richard	Danville	ENG	Genl	Fr			II
Jones, Chester John	Chicago	UGRAD		EM			II
Jones, Dorothy Nell, B.S.	East St. Louis	GRAD	Zool	U		S	I
Jones, Eleanor Louise	Waukegan	LAS	DGS	Fr			II
Jones, Ellen Elizabeth	Towanda	LAS	Genl	Jr			I
Jones, Elmer Lewis	Benton	LAS	PMed	Jr		S	I
Jones, Esther Lillian	Chicago	LAS	Genl	So			I
Jones, Georgia Lou, A.B.	Springfield	GRAD	PubAdm	EM			I
Jones, Grant A., B.S.	La Salle	MED	Med	4	Sp	S	F
Jones, Harley D.	Chicago	MED	Med	2	Sp	S	F
Jones, Harold Eugene	Doniphan, Mo.	UGRAD		EM			II
Jones, Hazel June	Rockford	LAS	DGS	Fr			II
Jones, Isaac Kenneth, B.S.	Eagleville, Mo.	AGR	Genl	1	rr	S	
Jones, John Strickler	Chicago	LAS	Genl	Fr			II
Jones, Katharine Lea	Chicago	LAS	Genl	Jr			I
Jones, Leslie Howard	Chicago	UGRAD		EM			II
Jones, Lila Ruth	Mattoon	COM	LD	Fr			I
Jones, Marion	Athens	ENG	Genl	So			II
Jones, Martha Marie	Salem	LAS	Genl	Fr			I
Jones, Mary Frances	Benton	AGR	HEcon	So			I
Jones, Nancy Elizabeth, A.B., A.M.	Paducah, Tex.	GRAD	Engl	U			II
Jones, Nancy Gaines	Buffalo	LAS	Genl	Sr		S	I



Jones, Patsy Norton	Champaign	FAA	Mus	So	I	
Jones, Plato Webster	Maywood	LAS	Genl	So	I	II
Jones, Robert Ellery, A.B.	Urbana	GRAD	Chem	U	S	II
Jones, Rolin Walker, B.S.	Potosi, Mo.	GRAD	Educ	U	S	II
Jones, Ruby Aileen	Ryder, N.Dak.	EDUC	Genl	Jr	S	
Jones, Ruth Alice	Wilmette	AGR	HEcon	Jr	S	I II
Jones, Ruth Ann	Sterling	LAS	PMed	Fr		I II
Jones, Thomas John	Athens, Ga.	GRAD	AnHusb	U	S	I II
Jones, Valmore Toney	Oblong	JNL	EJnl	Fr		I II
Jones, Virginia Churchill, A.B.	Paducah, Ky.	LIB	LibSci	1		I II
Jones, Walter Lacy	Harvey	COM	LD	So		I II
Jonesi, Dolores Arline	Decatur	LAS	Genl	So		I II
Joop, Lester W.	La Salle	PE	PE	Jr		I II
Jordan, Ellen Carol	Champaign	LAS	Genl	Sr		I II
Jordan, Jane Gowans	Urbana	FAA	Mus	Jr		I II
Jordan, Keith Redman	Bement	LAS	ChEng	Jr		I
Jordan, Laura Joseph	Champaign	LAS	Genl	Fr		I II
Jordan, Mary Anne	La Grange	LAS	Genl	So		I II
Jordan, Norman Franklin	Livermore Falls, Me.	UGRAD		EM		
Jordan, Raymond	Chicago	DSSW	Fr			I II
Jordan, Roy Wayne	Carmi	GRAD	U	S		
Jordan, Thomas Busby	Chicago	PE	Educ	Fr		I II
Jordan, William Anthony	Chicago	UGRAD	EM			II
Jorgensen, Inge Budtz	Champaign	LAS	Genl	Sr	S	
Joseph, Betty Carol	Belleville	LAS	Genl	So		I II
Joseph, David Meyer, B.S.	Chicago	MED	Med	4	Sp S	F W
Joseph, Evelyn	Chicago	LAS	Genl	So		I II
Joslyn, Alice Elizabeth	Woodstock	LAS	Genl	Jr		I II
Joy, Merlin Elwood	Urbana	LAS	DGS	Fr		I II
Joyce, Stephen	Chicago	UGRAD	EM			II
Juby, Robert Clifford	Elgin	PHARM	Pharm	2	Sp S	F W
Judd, Dorothy Jean	Champaign	LAS	Genl	So		I II
Judd, Freddie Francis	De Soto	ENG	CE	Fr		I II
Judd, Mary Ann	Champaign	LAS	Genl	Fr		I II
Judson, Doris Anne	Oak Park	EDUC	Genl	Sr		I II
Judson, Howard Kolls	Hebron	PE	PE	So		I II
Judson, Proal Berry	Evanston	ENG	ME	So		I II
Juel, Roger A., B.M.	Oak Park	MED	Med	4	Sp S	F W
Julian, Marjorie Burford	Colchester	LAS	Genl	So	S	
Juska, Elvira Elynn	Chicago	LAS	Genl	Jr	S	I II
Juss, Franklin Thiels	Chicago	UGRAD	EM			II
Juster, Rubin Jacob	Minneapolis, Minn.	MED	Med	1		W
Kaage, Herbert Albert	Chicago	UGRAD	EM			II
Kaatz, Stanford Charles	Chicago	JNL	Jnl	Jr		I II
Kabakoff, Phyllis Ruth	Memphis, Tenn.	COM	LD	Fr		I II
Kabins, Lawrence Gules	Chicago	ENG	Genl	Jr		II
Kachele, George Ervin, B.S.	Hoopeston	MED	Med	4	Sp S	F
Kaden, Vera Caroline, A.B., A.M.	Champaign	GRAD	Educ	U		
Kadish, Judith Isabel	Chicago	LAS	Genl	Fr		I II
Kadison, Elmer Rolfe	Chicago	MED	Med	2	Sp S	F W
Kaemerle, Harold Karl	Chicago	MED	Med	4	Sp S	F
Kaffie, Marilyn Jo	Shreveport, La.	LAS	Genl	Sr		I II
Kagan, Lawrence Harry	Oak Park	LAS	Genl	Fr		I II
Kagan, Ruthe Bernice	Chicago	LAS	Genl	Sr		I II
Kagen, Irving Newton, B.S.	Chicago	MED	Med	4	Sp S	F W
Kahl, Leonard M., A.B.	Freeport	MED	Med	3	Sp S	F W
Kahlert, Mercedes Guillermina, A.B., A.M.	Ashkum	GRAD	Span	U	S	I II
Kahman, Robert Thomas	Chicago	UGRAD	EM			II
Kahn, Charles Robert	Chicago	LAS	Genl	Fr		II
Kahn, Clarence Bernard	Chicago	LAS	Genl	Fr		I II
Kahn, Harry S., B.S.	Chicago	MED	Med	4	Sp S	F
Kahn, Lester Jay	Chicago	DENT	Dent	3	Sp S	F W
Kahn, Maurice	Peoria	LAS	Genl	Sr		I II
Kahn, Rena Geraldine	Chicago	LAS	Genl	Sr		I II
Kahne, Merton Jerome, B.S.	Chicago	MED	Med	3	Sp S	F W
Kain, Rita Ann	Chicago	LAS	Genl	Jr		I
Kaindi, Arthur Michael	Chicago	ENG	EE	So	S	I II
Kaires, Gerald Peter	Waukegan	LAS	Genl	Fr		I II
Kaiser, Alice Grace	Chicago	LAS	Genl	So		I II
Kaiser, Dorothy Marie	Champaign	FAA	Art	Sr		I II
Kaiser, George Daniel, B.S., B.M., M.D.	Chicago	GRAD	Surg	C	S	
Kaiser, Lois Helen	Champaign	LAS	Genl	Fr		II
Kalapaca, Olga	Chicago	LAS	Genl	Fr		II
Kale, Feyzil Huseyin, B.S.	Ankara, Turkey	GRAD	CE	U	S	I II
Kalfen, Irwin	Chicago	PHARM	Pharm	4	Sp S	F
Kalfen, Leonard	Chicago	PHARM	Pharm	4	Sp S	F
Kalita, Zenon Leon	Chicago	LAS	Genl	Fr		II
Kallembach, Shirleen Pearl	Sycamore	COM	UD	Jr		I
Kaller, Francis	Chicago	UGRAD	EM			II
Kallstrom, Dale Wayne	La Grange	LAS	ChEng	Fr	S	
Kallstrom, Etta Marguerite	La Grange	LAS	Genl	Sr	S	I II
Kaluzna, Leonard	Chicago	COM	LD	Fr		I II
Kambarian, Charlotte	Chicago	COM	LD	Fr		I II
Kamen, Ivonne Jane	Granite City	LAS	Genl	So		I II
Kamenear, Harold Robert, B.S.	Wichita, Kans.	LAS	Genl	Fr		I II
	Chicago	MED	Med	4	Sp S	F W

Kamenir, Edward	Chicago	DENT	Dent	3	Sp	S	F	W
Kamin, Lois Eleanor	Joliet	LAS	Genl	Fr			I	II
Kaminke, Janet Marilyn	Long Point	LAS	Genl	Fr			I	II
Kamps, Edwin Charles	Chicago	ENG	EE	Fr			I	II
Kamradt, Wilbur	Chicago	UGRAD		EM				
Kamran, Nadir, B.S.	Tehran, Iran	GRAD	ME	U			I	II
Kandyba, Bernard Stogowski, B.S.	Chicago	GRAD	UD	PolSci		S	I	
Kane, Donald Vincent	Champaign	COM	UD	Sr		S	I	II
Kanning, Edward Robert, B.S.	Wheaton	MED	EOccTher	Irr		U		I
Kannmacher, Bertha Mabel, B.S., A.M.	Marshall	GRAD	Educ	U		S		
Kantner, Maurine Lucille	Shelbyville	AGR	HEcon	U		Sr		I
Kantor, Harry	Los Angeles, Calif.	LAS	Genl	Jr		S	I	II
Kantor, James Cootey	Chicago	ENG	ME	Fr				I
Kantor, Vivian Rubin	Chicago	FAA	Arch	So				I
Kantro, David Leon	Chicago	LAS	Chem	Fr				I
Kao, Hung, B.S.	King-Yang, Shensi, China	GRAD	Chem	U				II
Kaplan, Arnold Howard	Chicago	LAS	PMed	So		S	I	II
Kaplan, Aron E.	Chicago	PHARM	Pharm	1			F	W
Kaplan, Barbara Ann	Atlanta, Ga.	LAS	Genl	So			I	II
Kaplan, Belle Rose	Chicago	FAA	Arch	So				II
Kaplan, Bernard Herbert	Chicago	COM	LD	Fr		S	I	
Kaplan, Charlotte Lorraine	Chicago	LAS	Genl	Fr				II
Kaplan, Dorothy Sandra	Chicago	LAS	Genl	So				I
Kaplan, Jacques Robert, B.S.	Far Rockaway, N.Y.	GRAD	Span	U		S		I
Kaplan, Joyce Ellen	Tulsa, Okla.	LAS	Genl	Sr		S		I
Kaplan, Leonard	Chicago	COM	LD	So		S		I
Kaplan, LeRoy	Chicago	PE	PE	Fr		S		I
Kaplan, Lorraine Judith	Chicago	COM	LD	Fr				II
Kaplan, Norma	Whiting, Ind.	LAS	Genl	So			I	II
Kaplan, Oscar Meyer, B.S.	Chicago	DENT	Dent	4	Sp	S	F	W
Kaplan, Robert M., B.S.	Chicago	MED	Med	4	Sp	S	F	W
Kaplan, Rudolf Robert	Chicago	COM	LD	Fr				II
Kaplan, Seymour Mayer, B.S.	Chicago	DENT	Dent	4	Sp	S	F	W
Kaplan, Sidney Marshal	Chicago	COM	LD	Fr				II
Karacan, Ercentum, B.S.	Istanbul, Turkey	GRAD	ME	U		S	I	II
Karakoc, Ibrahim	Washington, D.C.	ENG	MetE	So				II
Karandjeff, Apostle D., B.S.	Granite City	MED	Med	4	Sp	S	F	
Karber, Fredrica Jane	Ridgway	AGR	HEcon	Jr				II
Karber, James Frederick, B.S., M.S.	Equality	LAW	Law	2		S		
Karbeting, Diane Mildred	Chicago	LAS	Genl	Fr				II
Karchmer, Charlotte	Tulsa, Okla.	LAS	Genl	Fr				I
Karls, Elaine Marie	Chicago	LAS	Genl	Sr				II
Karos, William Peter	Joliet	LAS	Genl	Fr				II
Karpensky, William James	Forest Park	UGRAD		EM				II
Karpin, Bernice B., B.F.A.	Chicago	MED	EOccTher	Irr		S	F	
Karr, Carol Elsie	Rock Island	LAS	Genl	So				II
Karr, Jean Phillip	Shirley	MED	Med	2	Sp	S	F	W
Karraker, Robert Heilig, A.B., B.S.	Champaign	DENT	Dent	4	Sp	S	F	W
Karson, William George	Chicago	FAA	ArchEng	Fr				II
Karwacki, Florence Irene	Chicago	LAS	Genl	So				II
Karwowski, Mary Eve Alberta	Miami, Fla.	UGRAD		EM				II
Kary, Lois Marie	Chicago	FAA	Mus	Fr				II
Kasdan, Gerald Edward	Chicago	UGRAD		EM				II
Kasik, Howard Jerome	Cicero	COM	UD	Sr		S	I	II
Kaspar, Audrey May	Chicago	LAS	Genl	Fr				II
Kasten, Estelle	Chicago	LAS	Genl	Jr				II
Kathmann, Ruth Marion, B.Ed.	Quincy	GRAD	Educ	EM				I
Katz, Arthur W., A.B.	Syracuse, N.Y.	DENT	Dent	4	Sp	S	F	W
Katz, Bertram	Youngstown, Ohio	MED	Med	1				II
Katz, Clarice	New York, N.Y.	LAS	Genl	Jr				II
Katz, Corinne	Chicago	LAS	Genl	Fr				II
Katz, Elaine Gwendolyn	Chicago	LAS	Genl	Sr		S	I	II
Katz, Eliot B.	Wilmette	LAS	Genl	Fr		S	I	
Katz, Irma Ruth	University Heights, Ohio	LAS	Genl	So				II
Katz, Irving Arron, B.S.	Chicago	MED	Med	4	Sp	S	F	W
Katz, Leon, B.S.	Hartford, Conn.	GRAD	Chem	U				II
Katz, Ruth	Chicago	LAS	Genl	Fr				II
Katzen, Helen Rita	Chicago	LAS	PJnl	Fr				II
Kauffman, Wilhelmina, A.B.	Ann Arbor, Mich.	MED	EOccTher	Irr				I
Kaufman, Arthur Lester	Niagara, N.Y.	MED	Med	1				W
Kaufman, Dorothy Alice	Chicago	FAA	Art	Fr				II
Kaufman, Esther, A.B.	Elmhurst	GRAD	Engl	U				II
Kaufman, Frances Jayne	Detroit, Mich.	LAS	Genl	Fr				II
Kaufman, Gene Bert	Chicago	MED	Med	2	Sp	S	F	W
Kaufman, Harry, B.S.	Chicago	MED	Med	3	Sp	S	F	W
Kaufman, Lillian	Chicago	LAS	Genl	Fr				II
Kaufman, Marguerite Sara, A.B., B.S.	Woodstock	LIB	LibSci	1		S		
Kaufman, Renee Mary	Chicago	LAS	Genl	So				II
Kaufman, Seymour	New York, N.Y.	LAS	Genl	Sr				II
Kaufmann, Robert John, A.B.	Decatur	MED	Med	3	Sp	S	F	W
Kautz, Shirley Ann	Oak Park	COM	LD	Fr				I
Kauzlarich, Naomi June	Christopher			Unc		S		
Kavka, Jerome, B.S.	Chicago	MED	Med	4	Sp	S	F	
Kayayan, Bedros, B.S., M.S.	Istanbul, Turkey	GRAD	CE	U		S	I	

Kaye, Virginia Agett	Kingsport, Tenn.	EDUC	Genl	Jr	S	I
Kaye, Wilbur Irving, B.S.	Urbana	GRAD	Chem	U	S	I
Kaynar, Tarik Suleyman	Istanbul, Turkey	FAA	ArchEng	So	I	II
Kayne, Edna	Chicago	LAS	Genl	So	I	II
Keating, Clara Vivian	Ingleside	LAS	Genl	Jr	I	II
Keating, Helen Blaine	Chicago	LAS	Genl	So	I	II
Keck, Margie Louise	Champaign	JNL	Jnl	Jr	I	II
Ke, Harrison E., Jr.	Portsmouth, N.H.	UGRAD		Jr	EM	II
Keefe, James Neese	Quincy	LAW	Law	4	I	II
Keeler, Lois Lucene	Green Valley	AGR	HEcon	Sr	I	II
Keefrey, Elizabeth Ruth	Chicago	JNL	Jnl	Jr	I	II
Keeney, Grace Emily	Lanark	AGR	HEcon	So	I	II
Keer, Harriett, B.S.	Oak Park	MED	EOccTher	Irr	S	F
Keeran, Betty Ethel	Goodland, Kans.	FAA	Art	Jr	I	II
Keever, Arthur Dale	Lanark	PE	PE	Fr	S	I
Keijas, Stratewula George	Fana	LAS	Genl	Fr	I	II
Kehoe, Jeanne Emily	Chicago	MED	Med	2	Sp	S F W
Keighin, Alice Louise	Morton	LAS	Genl	Fr	I	II
Keigley, Ernest Chilton, B.Ed.	Lebanon	GRAD	Educ	EM	I	II
Keilholz, Jane Lewis	Philadelphia, Pa.	LAS	Genl	So	I	II
Kell, John Robert	Mt. Vernon	LAS	PLaw	Fr	I	II
Keller, Alvalin LaVerne	Springfield	UGRAD		EM	I	II
Keller, Carl Albert	Memphis, Tenn.	LAS	Genl	Jr	S	I
Keller, Gustav Adolf	Los Angeles, Calif.	FAA	Arch	Jr	S	I
Keller, Joe Wallace	Urbana	LAW	Law	3	I	II
Keller, Robert Aloysius	Chicago	UGRAD		EM	I	II
Keller, Suzanne Brueck	Bloomfield Hills, Mich.	LAS	Genl	Fr	I	II
Kelley, Barbara Jane	Urbana	LAS	Genl	Fr	S	I
Kelley, Don Wayne	Springfield	LAS	Genl	Jr	I	II
Kelley, Dorothy Florence	Champaign	LAS	Genl	Sr	S	I
Kelley, Dorothy Jeanne	Danville	LAS	Genl	So	I	II
Kelley, Hilda	Champaign	LAS	Genl	Jr	S	I
Kelley, Jeff Thomas, A.B., M.Ed.	Marianna, Fla.	GRAD	Educ	U	S	I
Kelley, Ray, Jr.	Ina	LAS	Genl	So	I	II
Kelley, Robert Leon, B.S.	Springfield	GRAD	PE	U	S	I
Kelley, Verla Wilhelms	German Valley	COM	UD	Sr	I	II
Kellner, Alfred Paul	Chicago	LAS	PLaw	Fr	I	II
Kellogg, Lloyd Stephen, B.S.	Tomah, Wis.	MED	Med	1	I	W
Kellogg, Shirley Ann	Wilmington, N.C.	LAS	Genl	Fr	I	II
Kelly, Doris Mae	Champaign	LAS	Genl	Fr	I	II
Kelly, Dorothy Crane	Pittsfield	COM	UD	Jr	I	II
Kelly, John Philip	Pittsburgh, Pa.	UGRAD		EM	I	II
Kelly, Patricia Jeane	Champaign	LAS	Genl	Fr	I	II
Kelly, Thomas Erwin, B.Ed., M.S.	Orland Park	GRAD	Educ	U	S	I
Kelly, Virginia Anne, A.B.	Chicago	GRAD	Span	U	I	II
Kelner, Marcia	Chicago	LAS	Genl	Fr	I	II
Kelsey, Floyd Lamar	Colorado Springs, Colo.	FAA	Arch	Jr	S	I
Kelsey, Harry Deacon, Jr.	West Haven, Conn.	UGRAD		EM	I	II
Kelsh, Marjorie Dorothy	Peoria	AGR	HEcon	So	I	II
Kembaugh, Melvin	Harvey	UGRAD		EM	I	II
Kemena, Ann Lucille Levi	Lincoln	EDUC	Genl	Sr	S	I
Kemp, Henry Wesley, Jr.	Baltimore, Md.	UGRAD		EM	I	II
Kemp, Virginia Allen	Chicago	LAS	Genl	So	I	II
Kempner, Marvin E.	Chicago	PHARM	Pharm	1	S	I
Kempton, Betty Jane	Urbana	LAS	Genl	Fr	I	II
Kendall, Antoinette Marie	Chicago	LAS	PMed	Fr	I	II
Kendall, Elisabeth Frances, B.S.	Peoria	GRAD	Geog	EM	I	II
Kendall, Kenton A., B.Ed.	Urbana	GRAD	DHusb	U	I	II
Kendall, Mary Virginia	Danville	LAS	Genl	Sr	S	I
Keneipp, Mary Kathleen	Allendale	COM	LD	Fr	I	II
Keneipp, Virginia Maxine	Allendale	AGR	HEcon	Jr	I	II
Kenitz, Jeane Kathleen	Oak Park	LAS	Genl	Sr	S	I
Kennedy, Alice Eritschie, A.B., A.M.	Springfield	GRAD	PubAdm	U	I	II
Kennedy, Andrew Joseph	River Forest	LAS	Genl	Fr	I	II
Kennedy, Betsy Ann	Danville	LAS	Genl	Fr	I	II
Kennedy, Dorothy Blaine	La Grange	LAS	Genl	So	I	II
Kennedy, Eleanor Marie	Plainfield	LAS	Genl	So	I	II
Kennedy, Frances Maud, A.B., B.S.	Oklahoma City, Okla.	GRAD	LibSci	U	S	I
Kennedy, Lawrence Thomas	Chicago	UGRAD		EM	I	II
Kennedy, Mary Kathryn	Plainfield	LAS	Genl	Sr	I	II
Kenney, Thomas Willkie	Springfield	UGRAD		EM	I	II
Kent, James P.	Skokie	UGRAD		EM	I	II
Kenyon, Warren Curtis	Chicago	AGR	Genl	Jr	I	II
Kerasotes, Christine	Springfield	FAA	Art	Jr	I	II
Kerchenfaut, Lois Carolyn, A.B.	Gibson City	GRAD	Speech	U	S	I
Kerchenfaut, Ruth Lorene	Gibson City	LAS	Genl	Fr	I	II
Kergan, Lois Elaine	Mt. Vernon	LAS	Genl	Sr	S	I
Kerlin, Dehuar Leroy, D.V.M., M.S.	Chicago	GRAD	AnHusb	U	S	I
Kern, Dorothy Beemer	Carmi	LAS	Genl	Sr	I	II
Kern, Robert Daniel	Monmouth	ENG	ME	So	I	II
Kern, Ruth Dorothy, B.S.	Champaign	GRAD	Zool	U	I	II
Kern, Sidney Beemer	Carmi	MED		2	Sp	S F W
Kern, Trude, A.B.	Chicago	MED	Med	1	S	F W
Kerns, Freda Leora	Palmer	EDUC	Genl	Sr	S	I
Kernz, Vida Marie	Oglesby	COM	UD	Sr	S	I

Kerr, Marilyn Jeanette	Urbana	LAS	Genl	Sr	S	I	II
Kerres, Esther Leota	East Moline	EDUC	Genl	Jr	S	I	II
Kersch, Margie Louise	Tamalco			Unc	S		
Kersch, Mary Martha	Decatur	COM	LD	Jr		I	II
Kerschke, Roger Kenneth	Palatine	UGRAD		EM			II
Kersey, Dorothy Eileen	Greenville			Unc	S		
Kershaw, Walter Dale	Jacksonville			Fr		I	
Kersten, Bette Jaïne	Chicago	ENG	Genl	Fr		I	II
Kersulis, Walter Thomas	Chicago	LAS	DGS	Fr		I	II
Kerwith, Charles Bernard	East St. Louis	PE	PE	Fr		I	II
Kesling, Margaret Jane	Chicago	UGRAD		EM			II
Keslinger, Joyce Elaine	Hammond, Ind.	JNL	Jnl	Jr		I	II
Kessler, Amy Jane	Sandwich	LAS	Genl	Fr		I	II
Kessler, Doris Mae Margaret	Auburn	LAS	Genl	Fr		I	II
Kessler, Marion Lou Skinner, B.S.	Granville	COM	LD	So		I	II
Kessler, William, B.S.	Mansfield	GRAD	Educ	U	S		
Ketay, Irving Leon	Chicago	MED	Med	4	Sp	S	F
Ketring, Eldon Grant	Peoria	LAS	Genl	Fr		I	
Kettelkamp, Dwain Samuel	Davenport, Iowa	MED	Med	3	Sp	S	F
Kevilus, Anne Margaret	Chicago	UGRAD		EM			II
Kevisch, Diana Luicoy	Argonne, Wis.	LAS	OccTher	Jr	S	I	II
Keys, William Frank	Chicago	LAS	Genl	Jr		I	II
Keyser, Charles, B.S.	Palos Park	AGR	Genl	Fr		I	
Kibbe, John C.	Spring Valley	GRAD	Educ	EM	S		
Kibler, Jeannette Cook, A.B.	Orange, Tex.	UGRAD		EM			II
Kieffer, Donald Edward	Arcola	GRAD	PE	U		I	II
Kiel, Dorothy Lorraine	Chicago	AGR	Genl	So		I	II
Kiely, James Patrick	Chicago	LAS	Genl	Fr			II
Kiely, Joseph Michael	Birmingham, Ala.	MED	Med	2	Sp	S	F
Kienlen, Vivian Georgene	Birmingham, Ala.	MED	Med	2	Sp	S	F
Kientzle, Helen Lucille, A.B.	Chicago	LAS	DGS	So		I	II
Kientzle, Loretta Antoinette	Pittsfield	GRAD	Engl	U	S		
Kietzmann, Ruby H.	Pittsfield	LAS	Genl	So		I	II
Kilbane, James Joseph	Varna	AGR	HEcon	So		I	II
Killian, Frank Albert	Waukegan	PE	PE	Fr		I	II
Killian, Nora Elizabeth, B.Ed.	Chicago	UGRAD		EM			II
Killian, William George	Bloomington	GRAD	Bact	C		F	W
Killion, Donald Wayne	Little Rock, Ark.	FAA	Mus	Fr	S	I	II
Killip, Devore Eugene	Chicago Heights	LAS	Genl	So		S	
Kilpatrick, Marjorie Stephens	Roberts	DENT	Dent	2	Sp	S	F
Kilsberg, Marion Lois	Memphis, Tenn.	LAS	Genl	Sr	S		
Kimbrak, Jacqueline Elanore	Rockford	LAS	Genl	So		I	II
Kimbrell, Ellen Carolyn	Cicero	LAS	Genl	Jr		I	II
Kimmel, Norman	Chicago	LAS	Genl	So		I	II
Kimmel, Eleanor Edwards, A.B., B.S.	New York, N.Y.	UGRAD		EM			II
Kincaid, Augustine Raydell	Warsaw	EDUC	Genl	Irr	S	I	
Kinch, Beatrice Moselle	Flat Rock	LAS	DGS	Fr		I	II
Kinder, Milda Sophie	Urbana	LAS	Genl	So		I	II
Kindred, Laura Elizabeth	Chicago	LAS	Genl	Fr		I	
King, Ernest Lawrence, Jr.	Beason	AGR	HEcon	Jr		I	II
King, Floyd Enos, B.S., M.S.	Clifton Forge, Va.	DENT	Dent	1		I	W
King, Grace Eileen	Arcola	GRAD	Chem	U			
King, Harry	Wadsworth	FAA	Art	Fr		I	II
King, Joseph Thomas	Brooklyn, N.Y.	MED	Med	3	Sp	S	F
King, Keith Verne	Mt. Vernon	LAS	Genl	Fr		I	II
King, Muriel Lorraine	Bakersfield, Calif.	MED	Med	2	Sp	S	F
King, Richard Ewart, B.S.	Chicago	LAS	Genl	Jr		I	II
King, Sam Seymour	Forest Glen	MED	Med	4	Sp	S	F
King, Sarah Louann	Chicago	JNL	Jnl	Jr		S	I
Kingsley, Cecelia Mary, A.B.	Harlingen, Tex.	LAS	Genl	So		I	II
Kingston, Charlotte Catherine	Dubuque, Iowa	LIB	LibSci	1		S	II
Kingston, George R.	Urbana	LAS	Genl	So		S	I
Kingston, Margaret Frances	Waterbury, Conn.	UGRAD		EM			II
Kinnaman, Mary Edith, A.B.	Urbana	LAS	Genl	So	S		
Kinner, Helen Angela	Crawfordsville, Ind.	LIB	LibSci	1		I	II
Kinney, Harriett Jane	Springfield	UGRAD		EM			I
Kinscherff, Elizabeth Paulette	Tuscola	LAS	Genl	Fr			II
Kinsler, Mary Lou	Pleasant Hill	LAS	Genl	So		I	II
Kinsman, Ben Arthur	Round Lake	COM	UD	Jr		I	II
Kinsman, Blair, B.S.	Royalton	MED	Med	2	Sp	S	F
Kinzinger, Rex Eugene	Lake Forest	GRAD	Educ	EM			I
Kipnis, William Frank	Minier	PE	PE	Fr		I	
Kirby, Mary Lynette	Chicago	LAS	Genl	Fr			II
Kirchhoff, Clyde August, B.S.	Oreana	COM	LD	Fr		I	II
Kireilis, Ramon Walter, B.S.	Franklin Park	MED	Med	4	Sp	S	F
Kirk, Billy Edwards	Waukegan	PE	PE	Irr	S	I	II
Kirk, Colleen Jean, B.S.	Robinson	LAS	Genl	So	S	I	II
Kirk, Ellen Arlene	Champaign	GRAD	Mus	U	S	I	II
Kirk, Marjorie, B.S.	Dixon	FAA	Mus	Fr		I	II
Kirk, Mary Anne	Urbana	GRAD	Educ	U	S	I	II
Kirk, Mary Mae Maloney	Champaign	FAA	Mus	Sr	S	I	II
Kirk, Patricia Laura	Tower Hill	EDUC	Genl	Sr			II
Kirk, Walton Junior	Chicago	AGR	HEcon	So		I	II
Kirkwood, Robert Hudson	Chicago	EDUC	HEcon	So		I	II
Kirsch, Laura	Mt. Vernon	PE	PE	Jr		I	II
Kirsch, Louisa Jane, B.S.	Kirkwood, Robert Hudson	UGRAD		EM			II
	Hot Springs, Ark.	LAS	Genl	So		I	II
	Benton	GRAD	Educ	U	S		

Kirschner, Betty Jean	Cincinnati, Ohio	LAS	Genl	Fr	I	II
Kirshenbaum, Helen Shirley	Chicago	LAS	Genl	Fr	I	II
Kirst, William James	Chicago	COM	LD	So	I	II
Kisner, Mary Doris	Carmi	LAS	Genl	Jr	I	II
Kissinger, Eloise Dorothy	Springfield	UGRAD		EM	I	
Kistler, Mark Oliver, A.B., A.M.	New Tripoli, Pa.	GRAD	German	U	S	
Kite, Dona Arline	Chicago	LAS	Genl	Fr		II
Kite, Robert Charles	Chicago	LAS	PMed	Fr		II
Kitti, Bernice Alma	Indianapolis, Ind.	LAS	Genl	Fr	I	II
Kitziz, Bernyce	Chicago	LAS	Genl	Fr	I	
Kizer, Betty Jane	Fairmount	LAS	PMed	Jr	S	I II
Kjellgren, Anthony Arthur	Rockford	ENG	AeroE	Fr	I	II
Klaren, Earl Vincent, B.S.	Lake Forest	MED	Med	4	Sp	S F W
Klass, Shirley Josephine	Chicago	LAS	DGS	Fr	I	II
Klassing, Dale Albert	Barry	AGR	Genl	Sr	I	II
Klaus, Elizabeth Ann	Eureka	AGR	HEcon	Fr	I	II
Klavan, Bennett, A.B., B.S.	Baltimore, Md.	DENT	Dent	4	Sp	S F
Klavik, Thomas Gary	Berwyn	LAS	Genl	Jr	I	II
Kleban, Joyce Estelle	Chicago	LAS	Genl	So	I	II
Kleber, Edward Bruce	Springfield	ENG	ME	Sr	S	
Kleifield, Robert Allan	Chicago	LAS	Genl	So	I	II
Klein, Allan Leonard	Chicago	LAS	Genl	Fr	I	
Klein, Barbara Joy	Birmingham, Ala.	LAS	Genl	Fr	I	II
Klein, Delores Lorraine	Chicago	LAS	DGS	So	I	II
Klein, Edward	Chicago	FAA	Art	Fr	I	II
Klein, Elaine Betty	Springfield	LAS	Genl	So	I	II
Klein, Frances Ann Wang	Chicago	AGR	HEcon	Sr	I	
Klein, Helaine Dorothy	Peoria	JNL	EJnl	Fr	I	II
Klein, Henry Nicholas	Chicago	UGRAD		EM	II	
Klein, Jean Betty	Aurora	LAS	Genl	Jr	I	II
Klein, Lois Helene	Chicago	LAS	Genl	Fr	I	II
Klein, Miriam Malwing, M.D.	Bradley	MED	Obstet	PG		W
Kleinroth, Carol Jean Dean	Crystal Lake	LAS	Genl	So	I	II
Klekovis, Michael Arthur	Chicago	UGRAD		EM	II	
Klemola, Jeannette Alberta	Evanston	LAS	Genl	So	I	II
Klempnter, Harold Edward	Chicago	MED	Med	4	Sp	S F
Klemundt, Casper Benedict	Chicago	UGRAD		EM	II	
Klewitz, Marilyn E.	Chicago	LAS	Genl	So	I	II
Klimist, Davida June	Chicago	LAS	Genl	Fr	I	
Kline, Charlotte Jean	Chicago	LAS	Genl	Fr	I	II
Klinefelter, Doris Jane	Morrisonville	AGR	HEcon	Fr	I	II
Kling, Robert Peter	Mt. Carmel	LAS	PMed	Jr	S	
Klingelhoffer, William Louis	Champaign	LAS	Genl	So	I	II
Klinsky, William B.	Chicago	LAS	Genl	So	S	I II
Kliszczewski, Irene Regina	Chicago	FAA	Art	So	S	I II
Klitzing, Victor Charles	Sadorus	COM	LD	Fr	I	II
Klopot, Nancy Jean	Chicago	LAS	Genl	Fr	I	
Kloppenburg, Henry Robert	Springfield	ENG	Genl	Fr	I	II
Klopsch, Warren John	Chicago	MED	Med	4	Sp	S F W
Klora, Rose, B.S.	Chicago	GRAD	Bact	C	Sp	S F W
Klose, Theodore Gerard, B.S., M.S.	Villa Park	GRAD	Chem	U	S	I II
Kloska, Corinne Geraldine	Lockport	LAS	Chem	Fr	I	II
Klotz, Maurice Maxwell, A.B.	Dewey	GRAD	Hist	U	S	
Klug, LaVerne Valerie	Chicago	LAS	Genl	So	I	II
Kluzek, Irene A.	Springfield	UGRAD		EM	I	
Kmet, Virginia Lorene	Springfield	AGR	HEcon	So	I	II
Kmetko, Mildred Angeline	Chicago	LAS	Genl	So	I	
Knaphurst, Dorothy Marie	River Forest	LAS	Genl	So	I	II
Knapp, Jean Louise	Maywood	AGR	HEcon	Fr	I	II
Knater, Ralph Milo	Frankfort	AGR	Genl	Fr	I	II
Knaus, Dorothy Rosina	Breese	AGR	HEcon	Fr	I	II
Knauss, Betty Jane	Chicago	PHARM	Pharin	1	S	F W
Knettel, Edward John	Lynbrook, N.Y.	UGRAD		EM	II	
Knezevich, Helen	Chicago	LAS	Genl	So	I	II
Knight, John Clement	Yorkville	LAS	Genl	So	I	II
Knight, Richard Tennant	Denver, Colo.	COM	UD	Jr	I	II
Knoblich, Marvin Morris, B.S.	Morris	LAW	Law	1	I	II
Knoepfmacher, Augusta Anna	Chicago	LAS	PMed	Sr	S	I II
Knoles, James Lyle	Chicago	COM	LD	So	I	
Knoll, Lois Eleanor	Greencastle, Ind.	AGR	HEcon	Fr	I	II
Knopf, Dorothy Caroline	River Forest	LAS	Genl	So	I	II
Knoth, Patricia Margaret	Cleveland, Ohio	LAS	Genl	Jr	I	II
Knowles, Elizabeth Pauline, B.S.	Urbana	GRAD	LibSci	U	I	
Knowlton, Hooper, Jr.	Salt Lake City, Utah	UGRAD		EM	II	
Knowlton, Joy	Evanston	LAS	Genl	So	I	II
Knox, Anna M. C.	Springfield	UGRAD		EM	I	
Knox, Audrey Jean	Chicago	LAS	Genl	So	I	
Knudsen, Knud Stenberg	Forest Park	UGRAD		EM	II	
Knudsen, Richard Ray	Champaign	DSSWV		Fr	I	
Knudsen, Wallace Glenn	Chicago	ENG	AeroE	Fr	I	II
Knudson, Alyce Elsie	Oak Park	LAS	PLaw	So	I	II
Knutson, Harold Norris	Chicago	UGRAD		EM	II	
Knutzen, Bonnie Lou	Marion	LAS	Genl	Fr	I	II
Kobberup, Elsie Louise Madden, A.B., A.M.	Fox Lake	GRAD	Engl	U	S	
Kobel, Marilyn Mae	Danville	LAS	Genl	Fr	I	II

Koberstine, John Joseph	Oak Park	ENG	EE	Fr		II
Kobylensky, George Earl	Naperville	ENG	AeroE	So		I II
Koch, Joseph F.	Chicago	UGRAD		EM		II
Koch, Ralph George	Champaign	COM	UD		S I	II
Koch, Vera Margaret, A.B., A.M.	Forreston	LAS	EOccTher	Jr	Irr	II
Koch, Wesley Charles	Chicago	UGRAD		EM		II
Kochevar, Joseph Jim	Joliet	LAS	Genl	Fr	S	II
Kodosh, Milton M., B.S.	Chicago	DENT	Dent	4	Sp S	F W
Koeblich, Elizabeth Jean	Danville	LAS	OccTher	Fr		I II
Koeck, Martin, III	Oshkosh, Wis.	MED	Med	3	Sp S	F W
Koehler, Alice Gene	Urbana	LAS	Genl	Jr		S I II
Koehler, Carol Ann, B.S.	Urbana	GRAD	HEcon	U		I II
Koehler, Donna Irene, B.S.	Sibley	GRAD	HEcon	U	S	
Koehler, Helen Joan	Urbana	LAS	OccTher	Fr		I II
Koehnemann, Renard Anthony, B.F.A.	Champaign	FAA	Art	Irr		I II
Koehnemann, Theresa Marie	Champaign	LAS	Genl	So		II
Koelling, Mary Lou	Carmi	FAA	Art	Fr		I II
Koenig, Bette Rose	Webster Groves, Mo.	LAS	PJnl	So		I II
Koenig, Neal James	Lafayette, Ind.	UGRAD		EM		II
Koenig, Philip	Chicago	FAA	ArchEng	So		I II
Koenig, Rudolph	Chicago	AGR	Genl	Fr		II
Koenig, Walter Fifeer	Chicago	ENG	Genl	Fr		I
Koepke, Carol Winifred	Lamoille	LAS	Genl	Jr		I II
Koepping, Ernest Richard, B.S.	Peoria	GRAD	Educ	EM		I
Koertge, Glenn Ernest	Litchfield	ENG	EE	So	S I	I II
Koester, Lois Emma	Onarga	LAS	Genl	Fr		II
Koester, Wilmer Clem	St. Louis, Mo.	ENG	Genl	Fr		I II
Koesterer, Richard Adolph	Freeburg	MED	Med	2	Sp S	F W
Koffs, Edward	Philadelphia, Pa.	UGRAD		EM		II
Kofoed, Jeanne Dolores	Oak Park	LAS	Genl	Jr		I II
Kogen, Earl Robert	Chicago	DSSWV		So		I II
Kohl, Darwin Louis	Chicago	MED	Med	1		W
Kohlenbrener, Robert Morton	Chicago	LAS	PMed	Jr	S I	II
Kohler, Herbert Edward, Jr.	Danville	FAA	Art	Fr		I II
Kohlhauff, Ruth Helen	Sullivan	LAS	Genl	Sr		I II
Kohlmeyer, Albert Charles	Fargo, N.Dak.	MED	Med	1		W
Kohn, Beatrice Harriet	Oklahoma City, Okla.	LAS	DGS	Fr		I II
Kohn, Harriet Natalie	Chicago	LAS	Genl	Fr		II
Kohn, James Herbert	Chicago	COM	LD	Fr		I
Koils, Winifred Herzberg, B.S.	Bettendorf, Iowa	LAS	EOccTher	Irr		II
Koivisto, Edith Armida, B.M.E.	Hibbing, Minn.	GRAD	Mus	U		II
Kokta, Joseph L.	Chicago	UGRAD		EM		II
Kolar, Stanley Julius	Chicago	UGRAD		EM		II
Kolbrick, Charles Carl	North Chicago	DSSWV		Fr		I
Kolen, Eugene Paul	Chicago	LAS	PMed	Fr		II
Kollar, Edward J., B.S., M.S.	Streator	MED	Med	4	Sp S	F W
Kollman, Nancy Joyce	Park Ridge	JNL	Jnl	Jr		I II
Kolodziejczyk, Joseph, B.S.	Chicago	DENT	Dent	4	Sp S	F W
Kolombatovic, Vadjka Vadim	Evanston	AGR	Genl	Sr		I II
Kolpack, Sylvia Eleanor	Chicago	LAS	Genl	Jr		I II
Konaleski, Edward J.	Chicago	UGRAD		EM		II
Koncel, Frank Paul	Chicago	UGRAD		EM		II
Konovsky, Marvin Leon	Chicago	ENG	Genl	Fr		II
Konstant, Anthony Nicholas	Chicago	ENG	CE	Sr	S I	II
Koonce, Jo Ann	Bridgport	AGR	HEcon	Fr		I II
Koontz, Helen Willilla	Fairfield	AGR	HEcon	Sr		I II
Koontz, Kathryn Lucille	Fairfield	AGR	HEcon	So		I
Koontz, Wayne Eldon, A.B., A.M.	Loraine	GRAD	Educ	U	S	
Kopala, Florence Ann	Chicago	LAS	Genl	Fr		II
Kopald, Gordon	Chicago	LAS	Genl	Fr		I
Koplewitz, Martin	Far Rockaway, N.Y.	LAS	PMed	Fr		I
Koplon, Sherry Honey	Birmingham, Ala.	LAS	Genl	Fr		I II
Koppel, Deborah Isis	Chicago	LAS	Genl	Fr		I II
Koppel, Donald Maurice	Chicago	LAS	PMed	Jr	S I	II
Koppel, Victoria Esther, A.B.	New York, N.Y.	GRAD	Physiol	U		I II
Kopsa, Walter John, B.S.	Cicero	MED	Med	4	Sp S	F W
Koptik, George	Cicero	LAS	Genl	Sr	S I	II
Koren, Donald Roy	Chicago	COM	LD	Fr		II
Koren, Joseph Anton, B.S.	Chicago	GRAD	Pharm	C	S	
Koritz, Lloyd Thomas	Rochelle	LAS	PMed	Fr	S I	
Koritz, Mary Jean	Rochelle	AGR	HEcon	Sr		I
Kornblum, Morton Richard	Chicago	DENT	Dent	2	Sp S	F W
Kornick, Kenneth Roy	Cicero	LAS	Genl	Fr		I
Korol, Herbert, B.S.	Chicago	MED	Med	4	Sp S	F W
Kosanke, Robert Max, A.B., A.M.	Champaign	GRAD	Bot	U		I II
Kosar, Evelyn Dorothy, B.S.	Cicero	MED	Med	4	Sp S	F W
Kosmala, Richard Lawrence	Chicago	AGR	PFor	Fr		I
Kosobud, Richard Francis	Riverside	COM	UD	Sr		I II
Kospetus, Estelle Marie, B.S.	Danville	GRAD	Bact	C		F W
Kostelny, John Richard	Chicago	LAS	PMed	So	S I	II
Koster, Stephanie V.	Chicago	LAS	Genl	Fr		II
Kostoff, Klara Belle	Waukegan	LAS	Genl	Sr	S I	II
Kotcher, George Paul, B.S.	Westville	MED	Med	4	Sp S	F W
Kothlow, Richard James	Hammond	LAS	Genl	So		I II
Kott, Harriet Sonia, B.S.	Chicago	MED	Med	4	Sp S	F

Kottleman, Florence Rita	Orlando, Fla.	LAS	Genl	Fr		I	
Kottler, Ronald Marlin	Detroit, Mich.	LAS	Genl	Fr		II	
Kouros, Thomas Christopher	Chicago	PE	PE	Fr		I	II
Kousnetz, Irving	Chicago	MED	Med	3	Sp	S	F W
Kovacheff, Christ	Lansing	PHARM	Pharm	1		S	
Kovacic, Peter, A.B.	Washington, Pa.	GRAD	Chem	U		S	I II
Kovats, Julius Joseph	Chicago	DENT	Dent	4	Sp	S	F W
Kowal, Case Thomas, B.S.	Chicago	DENT	Dent	4		S	
Kowal, Gerald	Detroit, Mich.	COM	LD	Fr		I	
Kowalski, George R., A.B., B.S.	Chicago	MED	Med	4	Sp	S	F W
Kowalski, Julius Mathew	Chicago	MED	Med	3	Sp	S	F W
Kowalski, Rita Mae	Calumet City	LAS	Genl	Sr		I	
Kowalski, Roland Anthony, B.S.	Chicago	DENT	Dent	4	Sp	S	F
Koza, Joseph M.	Chicago	UGRAD		EM			II
Kozakiewicz, Anthony Edward	Chicago	ENG	Genl	Fr		I	
Kozakiewicz, Daniel Paul	Chicago	DENT	Dent	2	Sp	S	F W
Kozer, Rebecca Bebe	Chicago	LAS	Genl	Fr		II	
Koziol, Alphonse John	Chicago	COM	LD	Fr		I	II
Koziol, Peter Sebastian	Chicago	UGRAD		EM		II	
Kozler, Elaine	Chicago	FAA	Arch	Sr		S	I II
Kozlicki, Frank R., B.S.	Chicago	DENT	Dent	2	Sp	S	F W
Kozlowski, Geraldine	Chicago	LAS	Genl	Fr		II	
Krabbe, Betty Carmen	Champaign	LAS	Genl	So		II	
Krachock, Jean Yetta	Chicago	LAS	Genl	So		I	II
Krafft, Conrad James, B.S.	Austin, Tex.	MED	Med	2	Sp	S	F W
Kraft, Eve Katlin	Chicago	FAA	Mus	Jr		II	
Kraft, Felice Mary	Gilman	LAS	Chem	Sr		I	II
Kraft, Ralph Glenn	Chicago	ENG	ME	Fr		II	
Krage, Joseph James	Chicago	LAS	Genl	So		I	II
Krainovich, Helen	Chicago	LAS	Genl	So		I	II
Kraintz, Veda Bretz	Chicago Heights	UGRAD		EM		I	
Kral, Elsie Ann	Berwyn	PHARM	Pharm	1		S	F W
Krall, Robert Eugene	Cerro Gordo	LAS	PMed	Fr		II	
Kram, Ada Marie	Choppaqua, N.Y.	LAS	PMed	Fr		I	II
Kramer, Charles Henry	River Forest	MED	Med	4	Sp	S	F W
Kramer, Fred George	River Forest	UGRAD		EM		II	
Kramer, Johanna Louise	Bellwood	LAS	Genl	Fr		I	II
Kramer, John Nicholas	Woodward	PHARM	Pharm	1		W	
Kramer, Lilys Leah	Chicago	LAS	OccTher	Fr		I	
Kramer, Margaret Davis, A.B., M.S.	Elizabeth City, N.C.	GRAD	Chem	U		S	I II
Kramer, Margaret Jane	Danville	LAS	Genl	Fr		I	II
Krane, Alan Mitchell	Chicago	ENG	Genl	Fr		II	
Kranson, Eileen Hortense	St. Louis, Mo.	LAS	Genl	Jr		I	II
Kranz, Richard Edmond	Chicago	LAS	Plaw	So		S	I
Kranzow, Audrey Joyce	Chicago	Genl	Fr	Fr		I	II
Krase, Florence Mae	Berwyn	PE	PE	So		I	II
Krasne, Charlotte Mae	La Salle	LAS	PJnl	So		I	II
Krasno, Lorraine	Milwaukee, Wis.	LAS	Genl	So		II	
Krasnow, Sheldon Ellman, B.S.	Chicago	MED	Med	4	Sp	S	F W
Krasowsky, Nicholas	Chicago	ENG	EE	Fr		II	
Krauklis, Edward Anthony	Chicago	ENG	Genl	Fr		I	II
Kraus, August Vernon	Chicago	UGRAD		EM		II	
Kraus, William Raymond	Chicago	UGRAD		EM		II	
Krause, John Francis	Chicago	ENG	CE	Fr		I	
Krauser, William James	Kewanee	MED	Med	2	Sp	S	F W
Krauss, Lydia Magdalena, A.B.	Carthage	GRAD	HEcon	U		S	
Kravitz, Harvey, A.B.	Chicago	MED	Med	4	Sp	S	F
Krbec, Loraine Marian	Cicero	EDUC	Genl	Sr		I	II
Krebs, Anne Catherine	Belleville	FAA	Arch	Jr		I	II
Kreft, Alfred J., B.S., M.D.	Indianapolis, Ind.	MED	Laryng	PG		F	
Kreft, Warren William, B.S.	Des Plaines	MED	Med	4	Sp	S	F
Kreiling, Carolyn May	Havana	LAS	DGS	So		I	II
Kreizenbeck, Elizabeth B., A.B.	Mechanicsburg	EDUC	Genl	Irr		I	II
Krejca, Frank Joseph, B.S.	Chicago	MED	Med	3	Sp	S	F W
Krejci, Edward John	La Grange	LAS	Genl	Sr		I	II
Krejci, Miles Frank	Chicago	UGRAD		EM		I	II
Krell, Dorothy Mae	Chicago	LAS	Genl	Sr		I	II
Krell, Harriet Lois	Chicago	LAS	Genl	Fr		I	II
Kremens, Louise	Chicago	LAS	OccTher	Jr		I	II
Krevitt, Norman David	Chicago	LAS	PMed	So		S	I
Krewson, Evon Theodore	Wheaton	LAS	Genl	Fr		I	
Krieger, Frank Albert	Chicago	UGRAD		EM		II	
Krieger, Phyllis Jean	Western Springs	LAS	Genl	Fr		I	II
Krigel, Edwin Milford	Kansas City, Mo.	ENG	ME	Sr		S	
Kringer, Floyd, Jr.	East St. Louis	AGR	Genl	Fr		I	II
Krisciunas, Alfonso Bruno	Chicago	LAS	PMed	Fr		I	II
Krishen, George, B.S.	Chicago	GRAD	Chem	U		S	
Kristy, Norton Frank	Chicago	LAS	Genl	Jr		I	II
Krit, Jean Agnes	Chicago	LAS	Genl	Fr		I	
Krivit, Howard Joseph	Chicago	LAS	PMed	Fr		II	
Krober, Orland Alvin, B.S., A.M.	Urbana	GRAD	Agron	U		I	
Kroll, George, B.S.	Chicago	DENT	Dent	3	Sp	S	F W
Kromrey, John Moore	Morrison	PE	PE	So		I	II
Krone, Marjorie Eloise	Virginia		Unc			S	
Krudop, Virginia Ruth	Fort Wayne, Ind.	LAS	PJnl	Fr		I	

Krueckeberg, Ernst	Melrose Park	UGRAD	EM	II
Krueger, William Samuel, Jr.	Chicago	PE	Jr	I II
Kruger, Eunice Lorraine	La Porte, Ind.	LAS	Fr	I
Kruh, Mary Dee	Lebanon	LAS	Genl	Fr
Krull, Ann Ada	Chester	LAS	Chem	So
Krull, Irene Mary	Mazon	FAA	Art	Sr
Krumsiek, Helen Elizabeth	Auburn	LAS	Genl	So
Krupicka, Joseph Willard	Berwyn	DENT	Dent	2
Kruse, Donald Frederick	Champaign	LAS	PJnl	Sr
Kruse, Faith Roberta	Chicago	LAS	Genl	So
Kruse, Mary Jean	Colfax	COM	LD	Fr
Kruse, Orville Arthur	Des Plaines	COM	LD	Fr
Kruse, William George	Chicago	LAS	Genl	So
Krutsinger, Iida Ann	Centralia	LAS	Genl	Fr
Krysh, Walter	Chicago	LAS	Genl	Fr
Kubelius, Thomas Charles	Kewanee	COM	UD	Jr
Kuby, Pauline	McHenry	FAA	Art	Jr
Kucera, Ruth Frances	Chicago	LAS	DGS	Fr
Kucharski, Bernard Robert	Chicago	LAS	PMed	Fr
Kucharski, Frank Stanley	Chicago	UGRAD	EM	S
Kueck, Dale Frederick	Chicago	UGRAD	EM	II
Kueffner, Rita Ann	Janesville, Wis.	UGRAD	EM	II
Kuehn, Dorothy Robinson	Chatsworth	LAS	Genl	So
Kuehnast, Maxine Bernadine	Peru	COM	LD	Fr
Kuemmel, Virginia Shirley	Urbana	AGR	HEcon	Fr
Kuerth, Henry, Jr.	Chicago	LAS	Genl	Jr
Kuhl, John Marlin	Gridley	ENG	Genl	Fr
Kuhlo, Elizabeth Marsh, B.S.	Nokomis	MED	Med	4
Kuhn, Verna Marie	Quincy	LIB	LibSci	1
Kuhn, Wolfgang, B.Mus., M.S.	Urbana	LAS	Genl	Sr
Kuiper, Melyva	Urbana	GRAD	Educ	U
Kuizin, Ursula Barbara	Springfield	UGRAD	EM	S
Kukral, Albert Joseph	Waverly	JNL	Jnl	Sr
Kulasondge, Alice R., M.D.	Chicago	MED	Med	4
Kulbarsh, Harold, B.S.	Emden	MED	Anat	PG
Kulesza, Clara Florence	Chicago	LAS	Chem	Sr
Kullman, Thomas James	Chicago	LAS	Genl	Fr
Kulpa, Zbigniew	Wilmette	UGRAD	EM	I II
Kulwin, Myron Hame, B.S.	Hamtramck, Mich.	UGRAD	EM	II
Kumerlen, Gertrude Margarita	Chicago	MED	Med	4
Kun, Elizabeth	Crystal Lake	LAS	Chem	Fr
Kunka, Henry Peter	Kenosha, Wis.	COM	LD	So
Kuntz, James Elwyn	Chicago	MED	Med	2
Kunze, Helen Elizabeth, B.S.	Princeville	LAS	Genl	Fr
Kurland, Harry	Edwardsville	GRAD	Educ	U
Kurr, Ruby Helen	Chicago	PHARM	Pharm	4
Kurtay, Hilmi Kadri	Louisville	AGR	HEcon	Sr
Kurto, George	Istanbul, Turkey	ENG	MetE	So
Kurtz, Calvin Jay	Muddy	LAS	Genl	Fr
Kurz, Jeanne Louise	Chicago	LAS	Genl	Fr
Kushner, Mary Sheron	Glen Ellyn	FAA	Art	Jr
Kutsunis, Harry Theodore, B.S.	Chicago	LAS	Genl	Fr
Kuwada, Harry Shigeo	East Moline	MED	Med	4
Kuwahara, Paul Kazuo	Honolulu, Hawaii	PE	PE	Jr
Kvale, Swanhill Karen	Chicago	ENG	ME	Sr
Kvehne, Harold H.	Chicago	COM	LD	So
Kwatnez, Allen Leslie	Chicago	UGRAD	EM	I II
Kyle, David Cherry	Fort Wayne, Ind.	COM	LD	So
Kyndberg, Mary Alice	Silver City, N.Mex.	AGR	Genl	Fr
Labes, Helyn Shirley	Waukegan	LAS	Genl	So
Lace, Jane Allen	Chicago	LAS	Genl	Fr
Lacy, William	Rockford	JNL	EJnl	So
Ladd, Betsy Ann	Campton, Ky.	UGRAD	EM	II
Ladenson, Blanche	Peotone	LAS	Genl	So
Ladon, Lois Maxine	Chicago	LAS	Genl	So
Laegeler, Carol Ruth	Chicago	FAA	Art	So
Laff, Robert Mayer	Highland Park	FAA	Art	Fr
Laffer, Bernice	Chicago	DENT	Dent	1
LaForge, Eleanor Marie	Chicago	LAS	Genl	Fr
Lager, John William	Chicago	LAS	Genl	Fr
Laine, William John	New Holland	FAA	Mus	Sr
LaLiberte, Mary Jane	Mason City	ENG	EE	Fr
LaMandin, Betty Jane	New Rochelle, N.Y.	UGRAD	EM	S
LaMandin, Virginia Ruth	La Grange	LAS	Genl	Sr
Lamb, Bernice Rucker, B.S.	Springfield	LAS	Genl	Fr
Lamb, Jennie A., B.Ed.	Springfield	LAS	Genl	Sr
Lamb, John James	Laramie, Wyo.	AGR	HEcon	Sr
Lambert, Arthur Francis, B.S.	Springfield	GRAD	Educ	EM
Lambert, Mary Alice	Roxbury, Mass.	UGRAD	Educ	EM
Lambert, Robert Wayne, Jr.	Chillicothe	GRAD	U	S
Lamkey, Roberta Jean	Mt. Carmel	LAS	Genl	Sr
Lamm, Edward Clarence	Rushville	AGR	Genl	Fr
Lamm, James Edward	Normal	JNL	EJnl	Fr
La Monica, Henry Paul, Jr.	Danville	LAS	Genl	Fr
Lamoreaux, Lloyd David	St. David	ENG	ME	Fr
Lampe, Bette Jane	North Riverside	COM	LD	Fr
	Salt Lake City, Utah	UGRAD	EM	II
	Springfield	LAS	Genl	So



Lampert, Alvin Jerome	Chicago	MED	Med	1	Sp	S	F	
Lampert, Vernon H.	Chicago	PHARM	Pharm	4	Sp	S	F	W
Lampson, Francis Keith	Springfield	ENG	MetE	Fr				II
Landa, Phillip	Chicago	LAS	Genl	Fr		S		
Landau, Carol Felecia	Detroit, Mich.	LAS	Genl	Jr			I	II
Landau, Richard Harold, B.S.	Paterson, N.J.	DENT	Dent	4	Sp	S	F	
Landerman, Phyllis Edith	Chicago	LAS	DGS	Fr			I	II
Landers, Joan Naomi	Chicago	LAS	Genl	So			I	II
Landes, Richard Washington	Little Rock, Ark.	FAA	Mus	Jr			I	II
Landis, George Huston	Birmingham, Mich.	COM	LD	Fr			I	II
Landis, James W., B.S.	Olney	MED	Med	4	Sp	S	F	
Landis, Patricia	Birmingham, Mich.	LAS	Genl	Jr			I	II
Landis, Wilma Daisy	Urbana	AGR	HEcon	Jr			I	II
Landreth, Kenneth Eugene	St. Joseph	ENG	EE	Fr			I	
Landsman, Bernice	Chicago	LAS	Genl	Fr			I	II
Landsman, Gerald Leon	Chicago	LAS	PDent	Fr			I	II
Landy, Jerome J.	Chicago	MED	Med	1	Sp	S	F	
Lane, Barbara McIlree	Peoria	Genl	Genl	Jr			I	II
Lane, Benjamin Franklin	Jacksonville	ENG	Genl	Fr			I	II
Lane, Doris Jean	Danville	LAS	PMed	So			I	
Lane, Mabel Sickman, B.Ed.	Carbondale	GRAD	Educ	EM			I	II
Lane, Robert Ellsworth	Birmingham, Ala.	MED	Med	3	Sp	S	F	W
Lane, Robert Kunkel	Watsaka	ENG	Genl	So		S	I	II
Lane, Verner Lee	Herscher	ENG	CE	So			I	II
Laney, Barbara Estelle	Salem	LAS	Genl	Jr			I	II
Lang, Edward Frank	Chicago	UGRAD	EM				I	II
Lang, Edwin John	Chicago	UGRAD	EM				I	II
Lang, Eleanor Jane	Urbana	LAS	Genl	So			I	
Lang, Gloria Berg	Chicago	LAS	Genl	So			I	II
Lang, Madeline Joan	Oak Park	LAS	Genl	Fr			I	II
Langan, Jack Gibbons	Chicago	DSSWV		Fr			I	II
Lange, Lester David, B.Ed.	Minonk	GRAD	BOO	EM			I	II
Langenbahn, Carl R.	Springfield	PHARM	Pharm	2	Sp	S	F	W
Langer, Seymour Sidney	Chicago	LAS	PMed	Fr		S	I	II
Langevin, George Joseph	Kankakee	LAS	PMed	Fr			I	II
Langham, Martha Louise	Bartonville	LAS	Genl	Fr			I	II
Langston, Helen Yvonne	Chicago	LAS	Genl	Jr			I	
Laning, Marguerite Elaine	Champaign	FAA	Mus	So			I	II
Lanman, Barbara Lois	Belleville	LAS	Genl	Fr			I	II
Lannon, Barbara Ann	Saunemin	LAS	Genl	So			I	II
Lanoff, Gilbert, B.S.	Chicago	MED	Med	2	Sp	S	F	W
LaPaglia, Joseph	Oak Park	FAA	Arch	Fr			I	
LaPalombara, Joseph Guido	Chicago	LAS	PLaw	So		S	I	II
Lapham, Gladys Elva	Champaign	FAA	Mus	So			I	II
Lapham, Vincent Walter John	Champaign	PE	PE	Fr			I	II
Lapidus, Rose Merry	Crenshaw, Miss.	LAS	Genl	Fr			I	II
Lapie, Virginia Loretta	Chicago	AGR	HEcon	So			I	
LaPire, Bernice Ella	Chicago	LAS	Genl	Fr			I	II
LaPlante, Edna	Brookfield	UGRAD	EM				I	II
Lappa, James George, B.S.	Grosse Point Park, Mich.	DENT	Dent	1				W
Larabee, Jean	Indianapolis, Ind.	LAS	Genl	So			I	II
Large, Dorothy Jeanne	Detroit, Mich.	AGR	HEcon	Fr			I	II
Large, Ira Franklin, Jr.	Logan	ENG	CE	Jr			I	II
Larimore, Neva Lou	Plainville	PE	PE	Fr			I	II
Larkin, Martha McCabe, B.S.	Minneapolis, Minn.	LAS	EOccTher	Irr			I	II
Larned, Barbara	Chicago	LAS	Genl	So			I	II
Larner, Rachel Grace	Warsaw	LAS	Genl	Fr			I	II
LaRock, Seymour	Chicago	LAS	Genl	Fr			I	II
LaRosa, Rafael, Agr. Eng., M.S.	Lima, Peru	GRAD	AnHusb	U		S		
Larrance, Elizabeth	Terre Haute, Ind.	LAS	OccTher	Jr			I	II
Larsen, Doris May	Evanston	LAS	Genl	So			I	II
Larsen, Paul Irving	Galesburg	AGR	DTech	So			I	
Larsen, Richard Elwin, Jr.	Gilman	ENG	Genl	Fr			I	II
Larsen, Ruth Thelma	Chicago	LAS	Genl	Fr			I	II
Larsen, Shirley Ann	Waukegan	LAS	Genl	Fr			I	II
Larson, Charles Laverne, B.S.	Galesburg	GRAD	Educ	EM			I	
Larson, Doris Eileen	Evanston	JNL	Jnl	Jr			I	II
Larson, Eldon Everett	Geneseo	AGR	Genl	So			I	II
Larson, Evelyn Marie	Tiskilwa	EDUC	Genl	Jr			I	
Larson, Joanne Lenore	Pecatonica	LAS	Genl	So			I	II
Larson, John Wallace	Sioux City, Iowa	COM	UD	Sr			I	
Larson, Lillian Anna	Chicago	FAA	Art	Fr			I	
Larson, Lionord Siegfried	Chicago	UGRAD	EM				I	II
Larson, Lois Mae, B.S.	Sycamore	EDUC	Genl	Sr		S		
Larson, Lowell Gerald	Sycamore	DENT	Dent	2	Sp	S	F	W
Larson, Margaret Sinclair	West Chicago	FAA	Art	Fr			I	II
Larson, Miles Park	Phoenix, Ariz.	DENT	Dent	2	Sp	S	F	W
Larson, Richard Donald	Oak Park	UGRAD	EM				I	II
Larson, Roger Keith	Grand Rapids, Mich.	MED	Med	2	Sp	S	F	W
Larson, William Richard	Highland Park	LAS	PMed	Sr			I	II
Lary, Banning Gray	Winchester, Ky.	MED	HEcon	I			I	W
Lasarow, Charlotta Lee	Jacksonville, Fla.	AGR	Med	Fr			I	II
Lasater, Dorothy Lee	Pittsfield	PE	PE	So			I	II
Laschober, Raymond Edward	Chicago	COM	LD	Fr			I	II
Lashmett, Harold William	Winchester	PE	PE	Fr			I	II

Lask, Salvadore Alphonso, B.S., M.D.	Chicago	GRAD	Surg	C	Sp	S	F	W
Lasker, Burton Harold	New York, N.Y.	MED	Med	1				W
Lasker, Jeanne Adrienne	Chicago	LAS	Genl	Fr				II
Lasky, Marvin, B.S.	Batavia	MED	Med	4	Sp	S	F	
Lasota, Gloria Mary	West Chicago	LAS	Genl	Fr				I II
Lasser, Shirley Marian	Chicago	LAS	Genl	Sr				I II
Lasson, John Alfred	Chicago	UGRAD		EM				II
Last, Jules Hilbert, B.S., Ph.D.	Chicago	MED	Med	4	Sp	S	F	
Latham, Darrell Ellsworth, B.S.	Champaign	GRAD	PE	U	S			II
Latham, George Winfield, B.Ed.	Gilman	GRAD	Educ	U				I II
Lauchner, Jane Faye	Greenville	LAS	Genl	So				I II
Lauchner, Mary Patricia	Urbana	LAS	Genl	Fr				I II
Laucius, Helen	Rockford	PHARM	Pharm	1		S	F	W
Lauder, Ellen Josephine	Peoria	LAS	Genl	Fr				I II
Lauer, Dorothy Louise	Lincoln	LAS	Genl	Jr				I
Laughbaum, Anna Belle, A.B., A.M.	Pellston, Mich.	GRAD	Engl	U				I II
Laughlin, Barbara Kester	Portland, Ore.	LAS	Genl	Jr				I II
Laughlin, John Seth, A.B., M.S.	Champaign	GRAD	Physics	U				I II
Laughlin, La Nor Patricia	Springfield	LAS	Genl	Fr				I II
Laughlin, Robert McClelland	Moweaqua	ENG	ME	Sr				I II
Lauher, Virginia Ann	Paris	COM	LD	Fr				II
Lauria, Marge Jean	Cleveland, Ohio	LAS	Genl	So				I
Lauter, Wynette	Mendota	FAA	Art	Fr				I
Lautmann, Idell Joan	Detroit, Mich.	LAS	Genl	Fr				I II
Laux, Bernard	Chicago	ENG	AeroE	Fr				I II
Laux, Forrest Edward	Mascoutah	DSSWV		Fr				I II
Lava, Irving Myron	Chicago	MED	Med	4	Sp	S	F	W
Lavin, Maureen Dorothy	Chicago	AGR	Genl	Fr				I II
Law, Frank Ferguson, M.D.	Oak Park	MED	Obstet	PG				W
Law, Raymond Willis, Jr., A.B.	Palatine	DENT	Dent	2	Sp	S	F	W
Lawhead, Margaret Elaine	Champaign	AGR	HEcon	Sr				I II
Lawrence, Freda McCormick	Champaign	AGR	HEcon	Sr				I
Lawrence, George William	Rutland	AGR	Genl	Fr				I II
Lawrence, Nathaniel Sylvan	Chicago	DENT	Dent	1				W
Lawrence, Nelda Virginia, A.B.	Waukegan	GRAD	German	U	S			I II
Lawrence, William Kenneth	Mt. Carmel	LAS	Genl	Fr				I
Laws, Ivan Jennings, A.B., B.S., A.M.	Bloomington	GRAD	Educ	U				I II
Lawson, Darleen Braughton	Springfield	LAS	OccTher	Jr				I II
Lawson, Mary Alice	Decatur	COM	UD	Jr				I II
Lawson, Mary Florence, Ph.B., M.S.	Champaign	GRAD	Educ	U				I II
Lawson, Robert Kermit, B.S.	Gibson City	GRAD	Agron	U	S			I II
Lax, Dorothy Lillian	Clarendon Hills	LAS	Genl	Fr				I II
Laymon, Richard Soteldo	Urbana	LAS	Genl	So				II
Lazerson, Harriett	Chicago	LAS	Genl	So				I
Lazorow, Marilyn Barbara	Kansas City, Mo.	LAS	Genl	Fr				I II
Leake, Almada Lena, A.B.	Stanford, Ky.	LIB	LibSci	1				I II
Leavitt, Devera Georgette	Chicago	LAS	Genl	Sr				I II
Leavitt, Harriet June	Chicago	LAS	DGS	Jr				I II
Leavitt, Ronald Norman	Chicago	FAA	Art	Fr				II
Lebeaw, Romona Leatrice	Chicago	LAS	Genl	Fr				I
Leber, Sam	Peoria	ENG	MetE	Jr				I II
Leberstein, Haskell Richard	Chicago	COM	LD	Fr		S		I
Lebovitz, Marvin Moses	Blue Island	LAS	Genl	Fr		S		I
Lebow, Charles Israel	Tulsa, Okla.	COM	LD	So		S		I II
Lebow, Robert Charles	Chicago	MED	Med	2	Sp	S	F	W
Ledenbach, Kenneth John	Chicago	UGRAD		EM				II
Lederer, Frederick Emanuel	Chicago	LAS	Genl	Fr		S		
Ledyard, Walter William, A.B.	Rockford	MED	Med	4	Sp	S	F	W
Lee, Lillian Lorraine	Effingham	COM	LD	So				I II
Lee, Marjorie Evelyn, B.Mus.	MusEd	GRAD	MusEd	U		S		
Lee, Ming, B.S.	Hongkong, China	GRAD	CE	U				I II
Lee, Norman	Chicago	ENG	ME	So				I II
Lee, Percy Harold, B.S.	Kansas City, Mo.	GRAD	Educ	U	S			
Leech, Carolyn Helen	Durand	AGR	HEcon	So				I II
Leefeldt, Margaret Leone	Oak Park	LAS	OccTher	So				I II
Leek, John Ries	Decatur	ENG	CE	So				I II
Leek, Lois Pauline	Calumet City	LAS	DGS	Fr				I II
Lees, Ruby Roxane, A.B., A.M.	Champaign	GRAD	French	U				I II
Leeseman, Donald Francis	Maywood, Calif.	LAS	Chem	So				II
Leeser, Jean Sadie	Chicago	LAS	Genl	Fr				I II
Lefco, Ted, Ph.B.	Milwaukee, Wis.	GRAD	Physiol	C				II
Lefever, Eleanor Ann	Milmine	AGR	HEcon	Jr				I II
LeFevour, Charles Frank	Chicago	LAS	Chem	Jr				I II
Legare, Robert J.	Chicago	DENT	Dent	4	Sp	S	F	W
Legator, Marvin	Chicago	LAS	PMed	Fr		S		
Legg, Lewis Luther, B.Ed.	Industry	GRAD	Educ	U	S			
LeGrande, Aubrey Harris, Jr.	Champaign	COM	LD	Fr				I
Lehmann, Helen Frances	Pleasant Plains	AGR	HEcon	Fr				I II
Lehmann, Stella Jean	Urbana	FAA	Mus	Jr				I II
Lehn, Margery Louise	Du Quoin	EDUC	Genl	Sr				I II
Leib, Helen Evans	Winchester	UGRAD		EM				I II
Leib, James Ross	Bridgeton, N.J.	ENG	EE	Fr				II
Lei Bowitz, Irvin S.	Chicago	PHARM	Pharm	1				W
Leichenger, Paul Stuart	Chicago	LAS	Genl	Fr				I II
Leichtling, Melvyn	Brooklyn, N.Y.	LAS	PDent	So	S			
Leighly, Elisabeth Ann	Rantoul	LAS	Genl	Sr				I II

Leinbaugh, Margaret Louise	Lewistown	LAS	Genl	Fr	I	II
Leiner, Shirley Ann, A.B.	Sparta	GRAD	Accy	U	I	II
Leipold, Helen Louise	Ottawa	JNL	Jnl	Jr	I	II
Leiter, Eleanor Ruth, B.S., B.S.	Van Wert, Ohio	GRAD	LibSci	U	I	
Lekometrus, Christ T.	St. Louis, Mo.	UGRAD	EM	Jr	I	II
Lembcke, Ruby Darlene	Harvard	AGR	HEcon	Jr	I	II
Lembeke, Clarence William	Chicago	UGRAD	EM	Fr	I	II
Lembo, Armand Eugene	Newark, N.J.	PE	PE	Fr	I	II
Leming, Ada Mae	Cutler	AGR	HEcon	Sr	I	
Lemmerman, Selma Caroline, B.S.	Alton	GRAD	Educ	EM	I	II
Lemmon, Edgar Guy, Jr.	Pleasant Hill	LAS	Genl	So	I	
Lemmons, John Michael	Pleasant Hill	LAS	Genl	Fr	I	II
Lempert, Gloria	Chicago	LAS	Genl	Jr	I	II
Lending, Bernice S.	Louisiana, Mo.	LAS	Genl	So	I	II
Lendrum, Bessie Lieberman, A.B.	Chicago	MED	Med	1	I	W
Lenett, Rosella Adeline	Chicago	LAS	Genl	Fr	I	II
Lenhart, Charrenz Shirley, B.S., M.S.	Terre Haute, Ind.	GRAD	Engl	U	I	II
Lennon, Edward Joseph	Chicago	LAS	PMed	Fr	I	II
Lenobel, Dolores June	Chicago	JNL	EJnl	Fr	I	II
Lent, Dorothy Pearle	Hoopeston	AGR	HEcon	Sr	I	
Lentz, Otto Frederick	Wauwatosa, Wis.	FAA	Arch	So	I	II
Leonard, Charles C.	Chicago	UGRAD	EM	EM	I	II
Leonard, Edward Arthur	Chicago	UGRAD	EM	EM	I	II
Leonard, James Nick	Edwardsville	LAS	Genl	Sr	S	I
Leonard, Mary Therese	Champaign	LAS	Genl	Fr	I	II
Leonard, Patricia	Columbus, Ohio	LAS	Genl	So	I	II
Leone, Catherine Mary	Chicago	LAS	Genl	So	I	II
Leone, Louis B., A.B.	Chicago	MED	Med	3	Sp	S
Leong, Norman	Chicago	ENG	Genl	Fr	S	F
Leonhardt, Roger Ernst	St. Louis, Mo.	UGRAD	EM	EM	I	II
Leppia, Dolores Marie	Burbank, Calif.	AGR	HEcon	Sr	I	II
Leppia, Dorothy Ann	Los Angeles, Calif.	AGR	HEcon	Sr	I	II
Lerman, Martin Dale	Chicago	DENT	Dent	4	Sp	S
Lerner, Carl	Chicago	LAS	Genl	Fr	I	II
Lerner, Harry Barney, B.S.	Chicago	LAS	Genl	Fr	I	II
Lerner, Richard Sanford	Kewanee	MED	Med	4	Sp	S
Lersch, Marjorie Louise	Chicago	LAS	PMed	Fr	I	II
Lescher, William Francis	Galesburg	LAW	Law	2	S	I
Leshk, Wallace Richard	Chicago	MED	Med	1	I	W
Lesko, Frank Louis, A.B.	Gary, Ind.	ENG	Genl	Fr	I	
Leslie, Robert George	Westville	MED	Med	4	Sp	S
Lester, Gladys Evangeline, B.S.	Chicago	LAS	PMed	Fr	I	II
Lester, Jesse D., B.Ed.	Urbana	FAA	Mus	Irr	S	I
Lester, Paul F.	Galesburg	GRAD	Educ	EM	I	
Leutwiler, Marion Lucille	Chicago	UGRAD	EM	EM	I	II
Lev, Edward Raymond	Highland	LAS	Genl	So	S	I
Lev, Gerald	Youngstown, Ohio	LAS	Genl	So	S	I
Leva, Doris	River Forest	COM	LD	Fr	I	II
Levatin, Bernard	Springfield	LAS	Genl	Fr	I	II
Levene, Leatrice Diana	Chicago	MED	Med	3	Sp	S
Levene, Rita Babette	Philadelphia, Pa.	LAS	Genl	Fr	I	II
Leventhal, Shirley Bee	Philadelphia, Pa.	LAS	Genl	Fr	I	II
Levin, Albert	Chicago	LAS	Genl	Fr	I	II
Levin, Albert Fred, B.S.	Chicago	COM	LD	So	I	
Levin, Annette Louise	Chicago	DENT	Dent	4	Sp	S
Levin, Bernard	Vandalia	LAS	Genl	So	I	II
Levin, Bert, B.S.	Chicago	DENT	Dent	2	Sp	S
Levin, Burton David	Chicago	MED	Med	4	Sp	S
Levin, Earl William	Chicago	MED	Med	2	Sp	S
Levin, Esther	Chicago	LAS	PMed	Fr	I	II
Levin, Flora S.	Chicago	UGRAD	EM	EM	I	II
Levin, Florence	Bradley Beach, N.J.	COM	LD	Fr	I	II
Levin, Harry	Chicago	LAS	Genl	Jr	I	II
Levin, Harry Joseph	Rochester, N.Y.	DENT	Dent	2	Sp	S
Levin, Joyce Esther	Paterson, N.J.	UGRAD	EM	EM	I	II
Levin, Lorraine C.	Chicago	LAS	DGS	Fr	I	
Levin, Louis, B.S.	Michigan City, Ind.	LAS	Genl	Sr	I	II
Levin, Mayta	Chicago	DENT	Dent	3	Sp	S
Levin, Milton	Chicago	LAS	Genl	Fr	I	
Levin, Norma Jane	Chicago	MED	Med	3	Sp	S
Levin, Rivian	Centralia	LAS	Genl	So	I	II
Levin, Ruth Dolores	Chicago	LAS	Genl	So	I	II
Levin, Ruth Lillian	Chicago	LAS	Genl	Sr	I	II
Levin, Shirley	Chicago	JNL	Jnl	Jr	I	II
Levine, Helen Saxon, A.B.	Chicago	LAS	PJnl	So	I	II
Levine, Herman Saul, B.S.	Champaign	GRAD	Bact	U	S	
Le Vine, Lawrence	Erie, Pa.	GRAD	Chem	U	S	I
Levine, Lois Ramona	Chicago	MED	Med	2	Sp	S
Levine, Meriam Ray	Chicago	LAS	Genl	Fr	I	II
Levine, Robert Stanley	Chattanooga, Tenn.	PE	PE	Fr	I	II
Levine, Seymour	Chicago	MED	Med	3	Sp	S
Levine, Seymour, B.S.	Chicago	ENG	ME	Sr	S	I
Levinson, Florence Diana	Chicago	GRAD	Bact	C	Sp	S
Levinson, Harriet Violet	LAS	PMed	Fr	I	II	
Levinson, Joseph	Chicago	FAA	Mus	Fr	I	II
Leviton, Benjamin Jack	Wood River	ENG	EE	Fr	S	I
	Chicago	LAS	PJnl	So	I	II

Leviton, Herbert Joseph	Chicago	AGR	Genl	So	S	I	II
Levitt, Fern Gloria	Chicago	LAS	Genl	So		I	II
Levy, Alberta Arlyn	Chicago	FAA	Art	So		I	II
Levy, Bernice Harriette	Chicago	JNL	EJnl	Fr		I	
Levy, Doris Marie	Lima, Ohio	COM	UD	Jr		I	II
Levy, Eleanor Phyllis	Berwyn	LAS	Genl	Jr		I	II
Levy, Jack Lee	Brooklyn, N.Y.	DENT	Dent	4	Sp	S	F W
Levy, Janet Louise	Laurelton, N.Y.	LAS	Genl	So		I	II
Levy, Miriam Corinne	Cleveland Heights, Ohio	LAS	Genl	Fr		I	II
Lew, Miriam Minie	Chicago	LAS	Genl	Fr		I	II
Lewin, Melvin Richard	Detroit, Mich.	LAS	Genl	Fr		I	II
Lewis, Alberta Ruth	Dietrich	FAA	Art	Fr		S	
Lewis, Asle Kingsley, A.B., B.S.	Grand Forks, N.Dak.	MED	Med	4	Sp	S	F
Lewis, Cameron David, A.B.	Urbana	GRAD	Chem	U		S	I II
Lewis, Donald Jerome	Joliet	ENG	EE	Fr		I	II
Lewis, Dorothy Payne	Urbana	LIB	LibSci	I		I	II
Lewis, Ernest Owens	Atlanta, Ga.	GRAD	EM	EM			
Lewis, Harry Lee	Benton	LAS	PMed	Fr		I	II
Lewis, James Gailard	Champaign	COM	LD	Fr		I	II
Lewis, Jean Hersman	Hersman	LAS	Genl	Jr		I	II
Lewis, JoAnn	Georgetown	LAS	Genl	So		I	II
Lewis, John William	Champaign	COM	LD	Fr		I	
Lewis, John Wilson, A.B., A.M.	Champaign	GRAD	Engl	U		I	II
Lewis, Lloyd Edward, Jr.	Dayton, Ohio	LAS	ChEng	So		I	II
Lewis, Margaret Ann	Harrisburg	EDUC	Genl	Jr		I	II
Lewis, Margaret Lowry, B.Mus.	West Chicago	GRAD	Mus	U		I	II
Lewis, Mary Barbara	Hinsdale	LAS	PLaw	Sr		I	II
Lewis, Mary Dearing, A.B., A.M.	Altavista, Va.	GRAD	Engl	U		I	II
Lewis, Mary Ellen	Danville	LAS	DGS	Fr		I	II
Lewis, Mary Evelyn	Clarksville, Tenn.	LAS	Genl	So		I	II
Lewis, Melvin Julius	Chicago	ENG	EE	Fr		I	II
Lewis, Paul Gilbert	Fox Lake	PE	PE	Jr		S	
Lewis, Phyllis Ann	Sullivan	FAA	Art	Fr		S	I
Lewis, Richard Charles	River Forest	FAA	Art	So		I	II
Lewis, Ruth Lorena	Ashland	LAS	Genl	Jr		I	II
Lewis, Ruth McGaw	Hersman	LAS	OccTher	Jr		S	I II
Lewis, Shirley Patricia	Champaign	LAS	DGS	Fr		I	II
Lewis, Steve	Putney, Vt.	UGRAD	EM	EM		I	II
Leys, Edmond Dunay	Chicago	FAA	ArchEng	So		I	II
Libert, Sam Antoine	Chicago	LAS	PMed	So		S	
Licata, Richard James	St. Louis, Mo.	PE	PE	Fr		S	
Licciardi, Gilbert Philip	Chicago	FAA	ArchEng	Sr		I	II
Lichten, Clifford Alexander	Chicago	FAA	Mus	Fr		I	II
Lichtenstein, Beryl	Chicago	LAS	Genl	Fr		I	II
Lichtenstein, Irving Caleb	Chicago	LAS	Genl	Jr		S	I II
Lichtman, William Frank, A.B.	Chicago	MED	Med	3	Sp	S	F W
Liddle, Gladys Allie Matilda	Mt. Carmel	LAS	OccTher	So		S	I II
Liddy, Carol Jean	Evanston	LAS	Genl	So		I	II
Lideen, Betty Jean	Champaign	LAS	Genl	Fr		I	
Liden, Lillian Margaruita, A.B.	Villa Park	GRAD	Engl	U		S	I II
Lidow, Florence R.	Chicago	LAS	DGS	Fr		I	II
Liebengood, Rosa Lee	Mt. Vernon	EDUC	Genl	Sr		I	II
Lieberman, Gloria Shirley	Momence	LAS	Genl	Jr		I	II
Lieberman, Howard Leslie	Chicago	MED	Med	3	Sp	S	F W
Lieberman, Julius	Chicago	MED	Med	2	Sp	S	F W
Lieberman, Morris	Chicago	PHARM	Pharm	I		S	F W
Lieberman, Renee Carroll	Chicago	LAS	Pharm	Fr		I	II
Lieberthal, Paul Ralph, M.D.	Ironwood, Mich.	MED	Laryng	PG	Sp		
Liebling, Wilbert	Chicago	MED	Med	2	Sp	S	F W
Liebner, Edwin Joseph	Chicago	MED	Med	3	Sp	S	F W
Liederman, Meta	Chicago	LAS	Genl	So		I	II
Lief, Amy Madeline	Belle Harbor, N.Y.	LAS	Genl	Jr		I	II
Liehi, Robert Edward, B.Ed., M.S.	Blue Mound	GRAD	Educ	U		S	
Lierman, Pauline Ann	Champaign	COM	LD	So		I	II
Lies, Donald Michael, B.S.	Aurora	DENT	Dent	4	Sp	S	F
Lietz, Charlotte Ida Mary	Bellwood	LAS	Genl	So		I	II
Lietz, Gerald Sylvane, B.S.	Bellwood	MED	Med	4	Sp	S	F
Lifschultz, Philip Irwin	Chicago	LAS	PMed	So		S	I II
Lifschutz, Cyrus Howard	Chicago	LAS	PMed	Fr		I	II
Lifschutz, Sherman Parker, B.S.	Chicago	DENT	Dent	4	Sp	S	F
Light, George, A.B., M.D.	Milwaukee, Wis.	MED	Laryng	PG		F	
Light, Phyllis June	Champaign	LAS	Genl	Fr		I	II
Lightcap, Royal Mansfield	Rockford	COM	PLaw	Fr		I	II
Lightcap, Russell Olander	Farmer City	ENG	CE	Fr		I	
Lightfoot, Betty Kinscherff	Pleasant Hill	LAS	Genl	So		I	II
Liliker, Jacquelynn Grayson, B.S.	Brookland, Ark.	GRAD	Psychol	U		I	II
Limber, Martha Jane	Bloomington	FAA	Art	Fr		I	II
Lin, Ta Mei, B.S., M.S.	Szechwan, China	GRAD	Econ	U		S	II
Lincoln, Elmer Kermit	Chicago	UGRAD	EM	EM			
Lind, Evelyn Ruth	Oak Park	LAS	Genl	Fr		I	II
Lindahl, Alan	Riverside	ENG	EE	Fr		S	I II
Lindahl, Elbert Lee, A.B.	Crystal Lake	MED	Med	4	Sp	S	F W
Lindahl, Margaret Irene	Chicago	LAS	Genl	Fr		I	II
Lindberg, Anne Katherine	Chicago	ENG	ME	Sr		S	I

Lindburg, Arthur Richmond	Springfield	COM	LD	Fr		I II
Lindeman, Katherine Jane, A.B.	Winnetka	LIB	LibSci	1		I II
Linden, Jean Alice	Ferndale, Mich.	FAA	Arch	Jr		I II
Lindgren, Harriett Lucille	Whiteside	FAA	Art	Fr		I II
Lindgren, John Terence	Chicago	ENG	ME	Fr		I II
Lindgren, Leroy Paul, B.S.	Lanyon, Iowa	MED	Med	4	Sp S F W	
Lindquist, William Charles	University Heights, Ohio	COM	LD	So		I II
Lindsay, Donald G.	Cynthiana, Ind.	MED	Med	2	Sp S F W	
Lindsay, Josephine Janell	Harrisburg	FAA	Mus	So		I II
Lindsay, Mildred Kathryn	Lexington	JNL	Jnl	Jr		I II
Lindsay, Robert Leith	Long Lake	ENG	EE	Fr		I II
Lindsley, Jane Gertrude	Chicago	LAS	Genl	Jr		I II
Lindstrom, Arthur L.	Fairfax, Mo.	UGRAD		EM		I II
Link, Lois Yvonne	West Chicago	LAS	PJnl	Fr		I II
Linman, James William	Monmouth	MED	Med	2	Sp S F W	
Linskey, Edward	Skokie	UGRAD		EM		I II
Linsky, Ileen	Chicago	LAS	Genl	Fr		I II
Linsley, Sara Ellen	Little Rock, Ark.	JNL	EJnl	So		I II
Linton, Arlene Isabelle	Maywood	LAS	Genl	Jr		I II
Lipari, Betty Frances	Kansas City, Mo.	LAS	Genl	Fr		I II
Lipe, Dale Marwood	Springfield	LAS	PJnl	So		I II
Lipe, Kathryn Jean	Homewood	LAS	Genl	So		I II
Lipinski, John Joseph, A.B., B.S.	Minto, N.Dak.	MED	Med	4	Sp S F W	
Lipkin, Elaine Ruth	Chicago	LAS	Genl	Jr		I II
Lipner, Sonya Renee	East Chicago, Ind.	LAS	Genl	Fr		I II
Lipoff, Charlotte Faye	Port Arthur, Tex.	EDUC	Genl	Sr		I II
Lipp, Robert George, B.S.	Bismarck, N.Dak.	MED	Med	3		I II
Lippard, Margaret Rose	Peoria	LAS	Genl	So		I II
Lippitz, Ivan	Chicago	LAS	PMed	So	S	I II
Lippel, George F.	Chicago	UGRAD		EM		I II
Lippman, Beverly Ronette	Chicago	FAA	Art	Fr		I II
Lippman, Ruth Ellen	San Antonio, Tex.	JNL	Jnl	Sr		I II
Lipschultz, Harold Richard	Chicago	LAS	Genl	Fr		I II
Lipton, Earle Lloyd	Chicago	MED	Med	1		I II
Litchfield, John Wilfred	Waukegan	COM	LD	Fr	S I	I II
Litchfield, Kenneth William	Chicago	ENG	ME	Fr		I II
Lite, Theodore, B.S.	Brooklyn, N.Y.	DENT	Dent	4	Sp S F W	
Litherland, Dorothy Albietz	Homer	EDUC	Genl	Sr		I II
Lithgow, William Carroll, B.S.	Elmhurst	MED	Med	4	Sp S F W	
Litman, Arnold Powell	Kansas City, Mo.	LAS	ChEng	Jr		I II
Litman, Marvin Wilbur	Kansas City, Mo.	FAA	Art	Jr		I II
Litow, Merrill Saul	Chicago	LAS	Genl	Fr		I II
Litt, Lucille	Chicago	LAS	Genl	Fr		I II
Little, Ellis Beecher, A.B., M.S.	Chicago	GRAD	Zool	U	S	I II
Little, Esther Gail	Farmer City	LAS	PMed	So		I II
Little, Helen-Grant Norman, A.B.	Rockford	GRAD	Educ	EM		I II
Little, Isaac Yural	Chicago	COM	UD	Jr		I II
Little, Marguerite, B.Ed., A.M.	Paris	GRAD	Engl	U		I II
Little, Mary Jane	Toledo, Ohio	LAS	Genl	Jr		I II
Little, Norma Ruth	Kewanee	LAS	Genl	Fr		I II
Little, Roger Howard	Champaign	ENG	Genl	Fr		I II
Littlemeyer, Mary Helen	Metropolis	DGS	So	1		I II
Littler, John Robert	Urbana	LAW	Law	1		I II
Litvak, Marshall Harold	Chicago	COM	LD	So		I II
Liu, Chang-Keng, B.S.	Hongking, China	GRAD	Eng	U		I II
Liu, How-Lee, A.B.	Honyang, Hupeh, China	GRAD	Agron	U		I II
Livesay, Elizabeth Ann, A.B.	Elgin	GRAD	Geol	U		I II
Livesay, George Roger	Elgin	ENG	EPhy	Jr	S	I II
Livingstone, Betty Louise	Springfield	LAS	DGS	Fr		I II
Livingstone, Shirley Mayre	Springfield	LAS	Genl	Fr		I II
Lockhart, Haines Boots, A.B.	Crawfordsville, Ind.	GRAD	Chem	U	S I II	
Lockhart, Helen Mae	Villa Grove	LAS	Genl	Jr		I II
L'Odense, Christian	Chicago	UGRAD		EM		I II
Lodge, Louise Finley, Ph.D.	Paris	LIB	LibSci	1	S	I II
Loeb, Marvin Phillip	Chicago	LAS	Chem	So	S I	
Loew, Climmont Christian, A.B., A.M.	Lebanon	GRAD	Educ	EM	S I	
Loewen, Elizabeth Ann	Chicago	AGR	HEcon	So		I II
Loewenstein, Peter Felix	Chicago	MED	Med	2	Sp S F W	
Lofchie, Floyd	Chicago	COM	LD	Fr	S I	
Lofftus, Irene Garnet	Roseville	AGR	HEcon	Sr		I II
Lofftus, Marjorie Florine	Roseville	AGR	HEcon	Jr		I II
Lofgren, Eric Paul, A.B.	Rockford	MED	Med	4	Sp S F	
Lofquist, Gerald Albert, Jr.	Prospect Heights	LAS	ChEng	Fr		I II
Lofthouse, Fred Richard	Springfield	ENG	ME	Fr		I II
Loftus, Norman Howard	Waukegan	LAS	ChEng	Fr	S I II	
Logan, Frances Ruey	Louisville	COM	LD	Fr		I II
Logsdon, Georgann	Carmi	FAA	Art	So	S I II	
Lohe, Rena	Barrington	PHARM	Pharm	1	S F W	
Lohman, Hubert Claus	Camden, N.J.	ENG	Genl	Fr	S I	
Lohr, Margaret Priscilla	Evanston	ENG	Genl	So		I II
Loitz, Phyllis	Chicago	COM	LD	Fr		I II
Lolli, Diva Mary	Chicago	PHARM	Pharm	4	Sp S F	
Lomasney, Emmet Marion	Urbana	ENG	ME	Fr		I II

Lomax, Jeanne Louise	Granite City	LAS	PJnl	Fr	I	II
Lombardo, Dorothy Rose	Kansas City, Mo.	LAS	Genl	Jr	I	II
Lombardo, Vincent	Melrose Park	LAS	ChEng	Fr	I	II
Lomberg, Florence, B.S.	Chicago	GRAD	Bact	C	Sp S	F W
Lomonaco, Samuel Mariano	Waukegan	LAS	Genl	Fr	I	II
Long, Albert Emanuel, A.B., M.D.	Weston, W.Va.	MED	Laryng	PG	F	I
Long, Bernita Jewell, A.B., LL.B., B.S.	Urbana	GRAD	LibSci	U	I	II
Long, Blanche	Chicago	AGR	HEcon	Fr	I	II
Long, Charles McCormick	Tiskilwa	LAS	DGS	Fr	I	II
Long, Daisy Elnora, B.S.	Alton	GRAD	Educ	U	S	I
Long, Frank Wesley	Springfield	LAS	Chem	Jr	S	I II
Long, Jacqueline Jean	Chicago	LAS	Genl	So	I	II
Long, Jean Elizabeth	Greenville	COM	LD	Fr	I	II
Long, John Sterry, B.S.	Pontiac	MED	Med	4	Sp S	F W
Long, Nody Mary Anne	Springfield	UGRAD		EM	I	II
Long, Norbert Charles	Chicago	ENG	ME	Fr	I	II
Long, Warren Charles	Chicago	UGRAD		EM	I	II
Long, William I., B.S.	Chicago	DENT	Dent	2	Sp S	F W
Longacre, Peggy Anne	Cincinnati, Ohio	LAS	DGS	Fr	I	II
Longaker, Charles Fisher	Libertyville	ENG	CE	Fr	I	II
Longbons, Dolores Fae	Albion	LAS	Genl	Jr	I	II
Longman, Reginald Burnett	Jennings, La.	UGRAD		EM	I	II
Longstaff, Warden Don	Du Quoin	LAS	PJnl	Fr	I	II
Longworth, Pauline Clara	Pana	LAS	Genl	Fr	I	II
Loomis, Eleanor Genevieve	Chicago	LAS	Genl	So	I	II
Lopata, Richard Stefan	Berwyn	COM	LD	Fr	I	II
Lopez, Filiberto Alfredo S.	Havana, Cuba	PE	PE	So	I	II
Lopez, Jess	Chicago	UGRAD		EM	I	II
Lopin, Jean Sallie	Olney	LAS	PJnl	Fr	I	II
Lopinot, Paul Leonard	Columbia	ENG	CE	Sr	S	I
Lord, John Robert	Chicago	UGRAD		EM	I	II
Lorenz, Curtis Francis	Chicago	PHARM	Pharm	1	S	I
Lorenz, Julian Scott, B.S.	Washington, D.C.	MED	Med	3	Sp S	F W
Lorenz, Marjorie Emily	Champaign	LAS	PMed	Sr	I	II
Lorenz, Rita Catherine	Oak Park	FAA	Art	Jr	I	II
Lorey, Eldon Frank, A.B.	Peoria	GRAD	Educ	EM	I	II
Lorton, Lowell Eddie	Newcastle, Ind.	UGRAD		EM	I	II
LOSEFF, Herbert S., B.S.	Chicago	MED	Med	4	Sp S	F W
Lott, Carol Ruth	Heyworth	LAS	DGS	Fr	I	II
Lotterman, Harold Daniel	Chicago	FAA	Art	Sr	I	II
Lotz, June Ruth	Evanston	LAS	Genl	Jr	I	II
Loucius, Edward Anthony, B.S.	Chicago	MED	Med	3	Sp S	F W
Lough, Patricia Ann	Marion	LAS	Genl	Jr	I	II
Louvier, Jean Gerard	Wood River	ENG	MetE	So	S	I II
Love, Venus Lillian	Chicago	GRAD	Bact	C	F	W
Lovejoy, Alice Ann	Chicago	LAS	Genl	So	I	II
Lovejoy, John Stewart	Chicago	PE	PE	Fr	I	II
Lovelass, Harry Donald, B.Ed., A.M.	Urbana	GRAD	Educ	U	I	II
Loveless, Ruth Alverna	Englewood, N.J.	COM	UD	Jr	I	II
Lovell, David Nelson	Clinton	COM	LD	Fr	I	II
Lovendahl, Jean Marion	Barrington	LAS	Genl	Jr	I	II
Loverde, Salvatore Joseph, B.S.	Chicago	GRAD	PE	U	S	I
Loveridge, Marilee June	Peoria	LAS	Genl	So	S	I II
Lovett, Winifred Mall	Urbana	COM	LD	So	I	II
Lovingross, Lois Marilyn	Champaign	PE	PE	Fr	I	II
Lowe, Doris Jean	Sims	LAS	Genl	Fr	I	II
Lowe, Dorothy Joy, A.B., B.S.	Mitchell	LIB	LibSci	1	S	I
Lowe, James Hawley	Eldorado	LAS	Genl	Fr	I	II
Lowe, Joan	Logansport, Ind.	LAS	Genl	Fr	I	II
Lowe, John Alan	Mobridge, S.Dak.	MED	Med	2	Sp S	F W
Lowell, Ralph D., A.B., Ph.D.	Ferndale, Mich.	MED	Med	2	Sp S	F W
Lowell, Virginia Maud, A.B., A.M.	Hastings, Minn.	GRAD	Engl	U	S	I
Lower, Donald James	Springfield	FAA	Arch	Fr	I	II
Lower, Mary Elizabeth	Kankakee	LAS	Genl	Sr	I	II
Lowitz, Richard	Flushing, N.Y.	ENG	CE	Fr	I	II
Lowry, Earl William, B.S.	Quincy	MED	Med	3	Sp S	F W
Lowry, Luther Leo, B.S., M.S.	Urbana	GRAD	Physics	U	S	I II
Lowry, Margaret Ruth	West Chicago	FAA	Mus	Sr	S	I
Loy, Jay Edward	Detroit, Mich.	UGRAD		EM	I	II
Lozano, Gloria Zena	Chicago	LAS	Genl	So	I	II
Lubejko, Ramona Marie	Chicago	LAS	Genl	Jr	I	II
Lubin, Robert Louis	Chicago	LAS	PMed	Fr	S	I
Lubitz, Joseph Morton, A.B.	Chicago	GRAD	Path	C	I	W
Lucas, Gray, B.S.	Blacksburg, Va.	GRAD	Chem	U	S	I II
Lucas, Laura Lucile, B.Ed.	Alton	GRAD	Educ	EM	I	II
Lucas, Louis Ludwig	Chicago	UGRAD		EM	I	II
Lucas, Marilyn N.	Chicago	LAS	Genl	Jr	I	II
Lucchesi, Joseph Richard	Chicago	UGRAD		EM	I	II
Luck, David Terry	Washington, D.C.	LAS	Genl	So	I	II
Luck, Robena Etta, B.S., M.S.	Washington, D.C.	GRAD	Bact	U	I	II
Luckow, Roberta Sidney Smith	Oak Park	LAS	Genl	So	I	II
Ludwick, Claude Harry, B.S., A.M.	Onarga	GRAD	SocSci	U	S	I
Lueck, Fred John	Maywood	LAS	Genl	Sr	I	II
Luft, John	Champaign	UGRAD		EM	I	II
Luft, Virginia Jane	Alton	LAS	Genl	Fr	I	II
Luhmann, Carl	Chicago	UGRAD		EM	I	II

Lukens, Eleanor Ann	Winnetka	EDUC	Genl	Jr		I II
Luketich, Donald Michael	Roxana	PE	PE	Fr		I II
Lukitsch, William Frank	Chicago	LAS	Genl	Fr		II
Lukken, Elton Vester	Chicago	UGRAD		EM		II
Lumpkin, John Gibson, B.S., M.S.	Chicago	MED	Med	4	Sp S	F W
Lumpkin, Marian	Chicago	JNL	Jnl	Jr		I II
Lumpp, Lester Henry	Chicago	UGRAD		EM		II
Lund, Margaret Juanita, B.S.	Ensign, Kans.	MED	EOccTher	Irr		I W
Lundeberg, Palmer Oliver, A.B., B.S.	Crookston, Minn.	MED	Med	3		W
Lundeen, Alma Pauline, B.Ed., B.S.	Springfield	UGRAD		EM		I
Lundegard, Lois Beverly	Chicago	LAS	OccTher	Fr		I II
Lundgren, Kenneth Lewis	Moline	LAS	PLAW	Fr		I II
Lundmark, Shirley Jean	Harvey	LAS	Genl	Sr		I II
Lundsten, Leslie Charlton, A.B., B.S.	Williams, Minn.	MED	Med	4	Sp S	F
Lunenburg, Donald Arthur	Chicago	LAS	ChEng	Fr		I II
Lunseth, John Hubert, A.B., B.S.	Grand Forks, N.Dak.	MED	Med	4	Sp S	F W
Lupien, Jenice	Muskegon Heights, Mich.	AGR	HEcon	Fr		I II
Luptak, Robert Joseph, B.S.	Chicago	COM	UD	Sr	S	
Lurie, Helen Mae	Chicago	LAS	Genl	Fr		I II
Lustig, Joanne Lois	Rockford	FAA	LArch	So		I II
Luther, Mildred Mae	Champaign	LAS	Genl	Fr		I II
Luther, Roderick Jean	Spring Valley	COM	UD	Sr	S	I
Luttenbacher, Harold Russell	Riverside	FAA	Mus	So		I II
Lux, Fred Edwin	Bement	ENG	EE	Jr		I II
Lyman, Homer Cornelius, Jr., B.S.	Niantic	MED	Med	4	Sp S	F W
Lyman, Robert Beall	Niantic	LAS	Genl	Fr	S	
Lyman, William Alfred	Chicago	LAS	Genl	So		I
Lynch, Eugene Darrel, B.S.	Georgetown	GRAD	Cer	U		S I II
Lynch, Goah Abe	Milford	AGR	Genl	Jr		S I II
Lynch, John Conrad	Pana	AGR	Flor	Fr		S I
Lynch, Walter Francis, Jr.	Chicago	COM	LD	Fr		S I II
Lynn, Florence June	Calumet City	LAS	DGS	So		I II
Lynn, Mary Katharine	Rockford	FAA	Art	Jr		I II
Lynn, Patricia May	Rockford	FAA	Art	Fr		I II
Lyon, Ruth Eloise	Altona	AGR	HEcon	Jr		I II
Lyon, William Burton, Jr.	Greensboro, N.C.	UGRAD		EM		II
Lyons, John Cecil, A.B., B.S.	Minneapolis, Minn.	MED	Med	4	Sp S	F W
Lyons, Tom Joseph	Arcola	COM	LD	Fr		I II
Lytle, Betty Lee	Decatur	AGR	HEcon	Sr	S	
Lytle, Mary Sue, B.S.	Oskaloosa, Iowa	MED	EOccTher	Irr		I W
Maack, Myrle Evelyn	Chicago	LAS	Genl	Jr		S I II
Mabel, Dorothy	De Kalb	LAS	Genl	Jr		I II
Macchione, Rudolph James	Elmwood Park	PE	PE	Fr		I II
MacDonald, Irmundine	Waterloo	EDUC	Genl	Sr	S	
MacDonald, John James	Allison Park, Pa.	UGRAD		EM		II
MacDonald, Mary Jane	Springfield	LAS	Genl	Jr		I
Macdonald, Neil Alexander, A.B., B.S.	Valley City, N.Dak.	MED	Med	3		I W
MacEachran, Suanna Harris Manley, A.B.	Des Moines, Iowa	GRAD	Psychol	U		I
MacFadden, Allen Douglas	Oaklawn	UGRAD		EM		II
MacGregor, Jean	Chicago	LAS	PJnl	Fr		I II
Mack, Bernard Charles	Forest Park	FAA	Arch	Fr		I II
Mackey, Madeleine Jean	Waukegan	LAS	Genl	Jr	S	I II
Mackin, Kathryn Mildred	Galesburg	LIB	LibSci	Unc	S	
Macklin, Loretta Ann	Moweaqua	COM	LD	Fr		I II
Mackoff, Shirley Ruth, A.B.	Dickinson, N.Dak.	LAS	EOccTher	Irr		II
MacLaren, Margaret Rennie	Chicago	JNL	Jnl	Jr		I II
MacLeod, Barbara Ann	Oak Park	LAS	Genl	So		I II
MacMillan, Elizabeth Aston	Peoria	LAS	Genl	Sr		I II
MacMillan, Marilyn	Champaign	LAS	Genl	Fr	S	I
MacNeal, Marion Lorraine	Chicago	LAS	Genl	Fr		II
Madden, Patricia Jane	Earlville	LAS	Genl	So		I II
Maddox, Lois Alicia	Danville	LAS	Genl	Fr		I II
Maddux, Harold Wayne	Kansas City, Mo.	ENG	EE	Jr		I II
Maddy, Donald	Rochester, N.Y.	DENT	Dent	4	Sp S	F W
Maderer, Carolyn Jane, B.S.	Hampshire	GRAD	HEcon	U	S	I II
Madison, Lillian Gwendolyn	Chicago	LAS	Genl	Sr		I II
Madison, Mary Marjorie, B.S.	Peoria	LAS	Genl	Sr	S	
Madison, Thomas Alvin	Springfield	LAS	Genl	So	S	I II
Madsen, Mary Jane	Kewanee	LAS	DGS	Fr		I II
Magdsick, Marie	Champaign	FAA	Mus	Fr		I
Magee, James Russell	New Orleans, La.	UGRAD		EM		II
Magee, Kenneth Raymond	Gardner	LAS	PMed	Jr		I
Magill, Lewis Malcolm, A.B., A.M.	Champaign	GRAD	Engl	U	S	I II
Magner, Eugene William	Chicago	LAS	Genl	So		II
Magnesen, Charles John	Springfield	UGRAD		EM		I
Magnusson, Lucille Ingrid	Chicago	PE	PE	So		I II
Mahan, May Ann	Centralia	LAS	DGS	Fr		I II
Maher, Frank Thomas, B.S., M.S., Ph.D.	Beardstown	MED	Med	2	Sp S	F
Maher, Goldie Ernestine	Payson	LAS	Genl	Jr		I II
Maher, John Weston	Hartford, Conn.	UGRAD		EM		II
Mahler, Annabel Elsie	Chicago	AGR	HEcon	Jr	S	I II
Mahoney, John Saris	Springfield	DSSWV		Fr		I II
Mahoney, Susanne Theresa, B.S.	Earlville	GRAD	Educ	U	S	
Maier, Donald Curt	Milwaukee, Wis.	UGRAD		EM		II
Maier, Virginia Mae	Champaign	COM	LD	Fr		I

Maiman, Eduard Leo	Waukegan	ENG	Genl	Fr		II
Maimon, Arthur Currie	Oak Park	MED	Med	1		W
Main, Bartl Louis	Chicago	LAS	Genl	Fr		
Main, George Victor	Carthage	ENG	ME	Fr	S	I
Majewski, Iren Jeanne	Chicago	LAS	Genl	Jr		II
Malcom, Eleanor Inez	Alvin	FAA	Mus	Fr		I II
Mallams, June, B.Ed.	Anna	GRAD	Educ	U	S	
Malm, Richard Knudt	Glen Ellyn	ENG	Genl	Fr		I
Malmgren, Janet Portia	Duluth, Minn.	AGR	HEcon	So		I II
Malo, Albert Henry, A.B., A.M.	Riverton	GRAD	Educ	U	S	
Malone, Anthony John, B.S.	Chicago	DENT	Dent	3	Sp	S F W
Malott, Albert Cox	Evanston	LAS	Genl	Sr		I II
Mammen, William Ernest, B.S.	Moline	MED	Med	4	Sp	S F W
Manby, Dorothy Estelle	Oak Park	LAS	Genl	Fr		I II
Manchester, Joseph Hyman	Bronx, N.Y.	UGRAD		EM		II
Manchester, Merle	Millington	LAS	Chem	So		I II
Mandel, Seymour Lee	Chicago	PHARM	Pharm	4	Sp	S F
Mandel, Sherman Irwin	Chicago	COM	LD	Fr		I II
Mando, Evelyn Marie	Chicago	LAS	Genl	So		I II
Mangan, Robert Charles	Chicago	LAS	Genl	So		I II
Mangle, Mardell Elizabeth, B.Ed.	Pautucket, R.I.	UGRAD		EM		II
Manilow, Lewis	Mason City	GRAD	Hist	U	S	
Manker, Patricia Ann Lockie	Chicago	COM	LD	Fr		II
Manley, Ann Louise	Blue Island	LAS	Genl	Fr		II
Manley, Betty Jeanne	Chicago	LAS	Genl	Fr		I II
Mann, Dorothy Angeleno, B.S.	Chicago	LAS	Genl	Fr		I II
Mann, Edward David	Alton	GRAD	Educ	EM		I II
Mann, Elsie Elizabeth	Glencoe	LAS	Genl	So		II
Mann, Gorshin Gary	Chicago	LAS	DGS	Fr		II
Mann, Jack Calvin	Chicago	DENT	Dent	2	Sp	S F W
Mann, Jak Lynn Morrison	Chicago	LAS	Genl	So		I II
Mann, James Ellis	Lisbon	LAS	Genl	Jr		I II
Mann, Jim Ward	Alton	LAS	Genl	Fr		I II
Mann, Kenneth Wayne	Herrick	LAS	Genl	Fr		I II
Mann, Mona Ray	Chicago	LAS	Chem	So		II
Manos, Perry James	Kankakee	EDUC	Genl	Jr		I II
Manring, Ralph Clarence	Chicago	PE	PE	Sr	S	I II
Mansell, Lorraine Jean	Belleville	LAS	Chem	Jr	S	I II
Mansuetto, Mario Daniel	River Forest	COM	LD	Fr		I II
Manthery, Raymond Frederick, Jr.	Calumet City	MED	Med	1		W
Manuel, Flores Castro, M.D.	Cicero	ENG	EE	Sr	S	I II
Manz, Joseph Bernard	Mexico	MED	Laryng	PG		W
Manzer, Carl Arthur	Chicago	PE	PE	Fr		II
Mapes, Mariello	Oswego, N.Y.	UGRAD		EM		II
Marchesi, John Charles	Ogden	FAA	Mus	So		I II
Marchuk, Wesley Edwin	San Francisco, Calif.	MED	Med	1		W
Marcia, Alfred Fritz, A.B., B.S.	Argo	DSSW		Fr		I II
Marcotte, Elaine Clementine	West Fargo, N.Dak.	MED	Med	3		W
Marcus, Beatrice Ann	Bourbonnais	LAS	Genl	Fr		II
Marcus, Ida Nancy	Chicago	LAS	Genl	Sr	S	I II
Marcus, Jane Paula	St. Paul, Minn.	LAS	Genl	Jr		I II
Marcus, Lois Gloria	Chicago	LAS	Genl	Fr		I II
Marcus, Sameus	Chicago	LAS	Genl	Fr		II
Marder, Barre	Chicago	DENT	Dent	2	Sp	S F W
Marek, Marie Antonette	Chicago	ENG	AeroE	Fr		II
Marfori, Ricardo, B.Agr., M.S.	Cicero	FAA	Mus	Fr		I II
Margaretten, Phyllis Meryl, B.S.	Manila, P.I.	GRAD	Agron	U	S	
Margolin, Dolores Bell	Perth Amboy, N.J.	GRAD	Chem	U		I II
Margolis, Gerald Irwin	Chicago	LAS	Genl	Fr		II
Margolis, Joseph Philip	Chicago	COM	LD	So		I II
Margolis, Milton	Chicago	COM	LD	Fr	S	I
Margulies, Robert Paul	Chicago	PE	PE	Fr		I
Markel, Marilyn Ruth	Davenport, Iowa	COM	LD	So	S	I II
Markel, Robert Anthony	Chicago	PE	PE	Fr		I II
Markel, Meta Rebecca	Joliet	MED	Med	2	Sp	S F W
Markle, Margaret Borland, B.S.	Chicago	LAS	DGS	Fr		I II
Markovitz, Jack Marvin	State College, Pa.	LIB	LibSci	1		I II
Marks, James Richard	Chicago	MED		2	Sp	S F W
Marks, Leonard Paul	Edwardsville	LAS	PMed	Fr	S	
Marks, Thomas Spencer	Paterson, N.J.	LAS	PDent	Fr	S	I
Markus, Florence Tegtmeier, B.Ed.	Chicago	MED	Med	3	Sp	S F W
Markwell, Lee Clinton	Belleville	GRAD	Educ	EM		I
Marlow, Harry Allen	Casey	LAS	Genl	Fr	S	I
Marquis, Chester DuBois, Jr.	Champaign	LAS	Genl	Unc		II
Marron, James Bernard	Bloomington	ENG	Genl	Sr	S	II
Marschak, Rosanne Joy	Rantoul	LAS	Genl	Fr		I II
Marschall, Phyllis Jane	Chicago	JNL	Jnl	Jr		I II
Marsh, Virginia Grace	Chicago	UGRAD		EM		II
Marshall, Earl Floyd	St. Joseph	AGR	HEcon	Fr		I II
Marshall, Harriet Jane	Chicago	LAS	Genl	Jr		II
Marshall, Jane Louise	Lacon	AGR	HEcon	Fr		I II
Marshall, Margaret A.	Oak Park	LAS	Genl	Fr		I II
Marshall, Robert Benjamin	South Braintree, Mass.	UGRAD		EM		II
Marshall, Robert Irwin	Cornell	UGRAD		EM		II
Marske, Oliver Lee	Chicago	COM	LD	Fr	S	
Marston, Robert Talmage, B.Ed.	Michigan City, Ind.	MED	Med	2	Sp	S F W
	Lexington	GRAD	Educ	U	S	



Martens, Dorothy Allene	Durand	LAS	Genl	Fr		I	II
Martin, Albert Charles, A.B.	Chicago Heights	MED	Med	4	Sp S	F	
Martin, Albert Jackson, B.Ed.	Paxton	GRAD	Educ	U		I	II
Martin, Anne Theresa	West Palm Beach, Fla.	LAS	Genl	Sr	S	I	
Martin, Bernard Vincent	Walpole, Mass.	LAS	Plaw	Jr		I	II
Martin, Betty Veronica	Chicago	LAS	Genl	So		I	II
Martin, Donald Chase	Princeton	MED	Med	1		W	
Martin, Donald Hardin	Bethany	COM	LD	Fr		I	II
Martin, Dorothy Elaine, A.B.	Springfield, Mo.	GRAD	Chem	U	S	I	II
Martin, John Donald	Champaign	LAS	PMed	Fr	S	I	
Martin, Joseph Morley	Chicago	UGRAD		EM		I	II
Martin, Marjorie June	Bethany	LAS	Genl	Fr		I	II
Martin, Mary Jane	Chicago	FAA	Mus	Fr		I	II
Martin, Mary Josephine	Mason City	EDUC	Genl	Sr	S	I	
Martin, Mary Lou	Evanston	LAS	Genl	So		I	II
Martin, Mildred Bernice	Monticello	AGR	HEcon	Jr		I	II
Martin, Pamela Jean	Sesser	JNL	EJnl	Fr		I	II
Martin, Richard John	Hoopeston	AGR	Voc	Fr		I	II
Martin, Richard Reid	Danville	ENG	EE	So	S	I	II
Martin, Robert Scott, B.S., M.D.	Zanesville, Ohio	MED	Laryng	PG		F	
Martin, Ruthea Louise, A.B.	Benton Harbor, Mich.	GRAD	Educ	EM		I	
Martinek, Jaroslav, B.S., B.S.	Chicago	MED	Med	3	Sp S	F	W
Martinek, Robert George, B.S., M.S.	Chicago	MED	Med	2	Sp S	F	W
Martinez, Alvaro	San Jose, Costa Rica	ENG	CE	So		I	II
Martins, James Kristian, A.B., B.S.	Chicago	MED	Med	4	Sp S	F	W
Martinucci, August, B.S.	Cherry	MED	Med	4	Sp S	F	W
Marty, Ralph Ervin, B.S., M.S.	Manito	GRAD	Educ	EM		I	II
Martyn, Renee Lois	Chicago	LAS	PMed	So		I	II
Martz, Luther Edward, B.S.	Shelbyville	AGR	Genl	Irr	S		
Maruszczak, Renee	Chicago	EDUC	Genl	Jr		I	II
Marvell, Elliot Nelson, B.S.	Champaign	GRAD	Chem	U	S	I	
Marvell, Jean Fae Carpenter	Urbana	LAS	Genl	Jr		I	
Marvin, Samuel Leonard, A.B., B.S.	Weirton, W.Va.	MED	Med	4	S	F	W
Marx, Emil Alexander	Moline	ENG	ME	Fr		I	
Marx, Joseph Isarel	Chicago	MED	Med	2	Sp S	F	W
Marx, Marvin Brake	Bondville	COM	LD	Fr		I	II
Marx, Rosaline	Chicago	LAS	Genl	So		I	II
Marx, Vivian Marjorie	West Chicago	LAS	Genl	Sr		I	II
Marzic, Eugene Edward	Chicago	ENG	Genl	Fr		I	II
Mason, Bernice	Chicago	COM	LD	Fr		I	
Mason, Joseph Andrea, B.S., M.S.	Muncie	GRAD	Educ	U	S	I	II
Massanari, Karl Louis, A.B., A.M.	Urbana	GRAD	Educ	U		I	II
Massey, Mary Alvina, B.S.	Peoria	GRAD	Psych	U	S	I	II
Matanky, Seymour	Chicago	LAS	Genl	So		I	II
Mateyka, Melvin John	Edwardsville	LAS	Genl	Sr	S	I	II
Mathews, Betty Jane	Sparta	LAS	Genl	Sr		I	II
Mathews, Mary Lucille	East St. Louis	LAS	Genl	Fr		I	II
Mathews, Robert John	Chicago	ENG	Genl	Fr		I	II
Mathewson, Jane Eleanor	Chicago	LAS	Genl	Jr		I	II
Mathewson, Raymond Glenn, A.B.	Greenville	MED	Med	4	Sp S	F	
Mathias, Harry Wilmot, Jr.	Harrisburg, Pa.	UGRAD		EM		I	II
Mathiesen, William Locke	Park Ridge	ENG	ME	Fr		I	
Mathis, Anthony George, B.S., M.S.	Urbana	GRAD	AgEcon	U	S	I	II
Mathis, Dorothy Hildur Olson, A.B.	Urbana	GRAD	Bot	U	S	I	
Mathis, Jeannette Francis	Chicago	LAS	Genl	So		I	II
Mathy, Leonard George, A.B., A.M.	Chicago	GRAD	Econ	U	S	I	
Matlavish, Richard Thomas, B.S.	Christopher	MED	Med	4	Sp S	F	W
Matlin, Sam	Chicago	MED	Med	2	Sp S	F	
Matras, Joyce Charlotte	Milwaukee, Wis.	LAS	Genl	Fr		I	II
Matsler, Gerald Rowland	Rantoul	PE	PE	Fr		I	II
Matson, Frances, A.B.	Peoria	GRAD	Educ	EM		I	II
Matson, Melbourne Elmer	Bensenville	UGRAD		EM		I	II
Matsousek, Arlene Gail	Berwyn	LAS	Genl	Fr		I	II
Mattern, Norman Clarence	Fair Oaks, Pa.	UGRAD		EM		I	II
Mattes, Henry Arthur	Chicago	UGRAD		EM		I	II
Mattes, Robert Boris	Chicago	DENT		EM		I	II
Matteson, Edward Kimball	Chicago	DENT	Dent	3	Sp S	F	W
Matthews, Eleanor Frances, A.B., B.S.	Joliet	ENG	Genl	Jr		I	II
Matthews, LaDoyt	Princeville	GRAD	LibSci	U		I	II
Matthews, Marjorie Juanita	Oak Park	UGRAD		EM		I	II
Matthys, Loris Ruth	Evanston	LAS	Genl	Fr		I	II
Mau, Kathryn Christine	Chicago	LAS	HEcon	Sr		I	II
Mauck, Inez Louise, B.Ed.	Ashland	COM	LD	Fr		I	II
Maun, Eugene Kingery	Danville	GRAD	Educ	U		I	
Mauney, Virginia Ruth	Urbana	LAS	Genl	Sr	S	I	II
Maushak, Mary Adeline	Normal	COM	UD	Sr	S	I	II
Mauterer, Roger John	Marengo	COM	UD	Sr		I	II
Mautner, Henry Morton	Belleville	LAS	ChEng	So		I	II
Mautz, Louis Presley	Chicago	ENG	ME	Fr	S		
Mauzy, Billy Gene	Urbana	ENG	EPhy	Fr		I	II
Mauzy, Jeanne Mayer	West Frankfort	PE	PE	Fr	S	I	
Maxey, Homer Albert, B.S., M.S.	Kenosha, Wis.	PE	PE	So		I	
Maxwell, Barbara Lou	Westfield	GRAD	Educ	U	S		
Maxwell, Richard Elmore, B.S.	Danville	LAS	Genl	Fr		I	II
May, Marcella Catherine, B.Ed.	Dallas, Tex.	GRAD	Chem	U		I	II
May, Nancy Edith, A.B.	Springfield	GRAD	Educ	EM		I	II
	Evanston	LAS	Genl	Sr	S		

May, Patricia Jeane	Chicago	FAA	Art	Jr		I	II
Mayberry, Stanley Albert	Westbrook, Me.	UGRAD		EM			II
Maybrook, Peggy Hortense	Dayton, Ohio	LAS	Genl	Fr		I	
Mayer, Peter Stewart	Chicago	MED	Med	2	Sp	S	F W
Mayers, Helen Louise	Sycamore	AGR	HEcon	So			II
Mayfield, Lois June, B.S., A.M.	Bowling Green, Ohio	GRAD	Engl	U		I	II
Mayhew, Harry Walter	Springfield	LAS	Genl	So		S	
Mayhew, Mary Elizabeth	Springfield	FAA	Mus	Sr		S	I II
Maynard, Sarah Ellen, B.Ed.	Equality	GRAD	Engl	U		S	
Maynert, Everett William, B.S.	Providence, R.I.	GRAD	Chem	U		S	I II
Mayrand, M. Elizabeth, B.S.	New Haven, Conn.	MED	Med	4	Sp	S	F W
Mazzara, Giovanna, B.Ed.	Marion	GRAD	Educ	U		S	
Mazza, Gloria Mitchell	New York, N.Y.	LAS	Genl	Sr		S	I II
Mazzucco, Victor Roman	Lockport	ENG	CE	Fr			II
McAdam, Joseph Lee, Jr.	Taylorville	LAS	Genl	Fr		S	I II
McAllaster, Elva Arline, A.B.	Tribune, Kans.	GRAD	Engl	U			II
McArthy, Marietta	Farmer City	AGR	HEcon	Fr			I II
McAuliffe, Edward Clifford	Chicago	UGRAD		EM			II
McBride, Dallas	Sesser	ENG	Genl	Fr		I	
McBride, Jenolar Hillsman, B.Ed., A.M.	Carbondale	GRAD	Engl	U		S	
McBride, Mary Lillian Ludwig	Fithian	LAS	Genl	Jr		S	
McBride, Ralph, B.Ed., A.M.	Urbana	GRAD	Educ	U		S	I
McBride, Robert Cooke	Aledo	COM	LD	Fr			I II
McCabe, Eleanor June	Maple Park	AGR	HEcon	Jr			I II
McCain, Calvin James	Chicago	COM	LD	Fr		I	
McCall, Owen, Jr.	Gibson City	COM	LD	So			I II
McCall, Walter Keith	Chicago	ENG	EE	So			I II
McCammon, Anna Jane	Carlisle, Ind.	LAS	Genl	Fr			I II
McCann, Mary Sarah, A.B.	St. Paul, Minn.	MED	EOccTher	Irr			I W
McCartan, Warren Maulding, B.Ed.	Roberts	GRAD	Educ	U		S	I II
McCarthy, Margaret Mary	Oak Park	FAA	Art	Fr			I II
McCarthy, Owen Joseph, A.B., A.M.	Chenoa	GRAD	Engl	U		I	
McCarthy, Robert William	Lincoln	LAW	Law	2		S	I II
McCarthy, Walter John	Chicago	UGRAD		EM			II
McCarthy, William Edward	Chicago	ENG	ME	Fr			I II
McCartney, Samuel B., A.B., A.M.	La Salle	GRAD	Educ	EM			I
McCarty, Marilyn Joyce	Argenta			Unc		S	
McCasland, Edith LaNelle	Granite City	LAS	OccTher	Fr			II
McCaughy, Sarah Ellen	Danville	LAS	Genl	So			I II
McCauley, Corinne	Chicago	COM	LD	Fr			I II
McClain, Frank William	Chicago	ENG	Genl	Fr			I II
McClain, Mary Louise	Chicago	LAS	Genl	Fr		I	
McClanathan, Donald E., B.S.	Sterling	MED	Med	4	Sp	S	F W
McClellan, Don Seeley, B.Ed., M.S.	Macomb	MED	Med	3	Sp		
McClish, Leonard Leroy	Granville	LAS	PMed	So		S	I II
McClung, Lorraine Bilhorn	Urbana	LAS	Genl	So		S	I II
McClure, Carroll Reene	Galesburg	ENG	Genl	Fr			I II
McClure, Charlotte Stults, A.B.	Huntington, Ind.	LIB	LibSci	1		S	
McClure, Marilyn Jane	Gibson City	COM	LD	Fr			I II
McClure, Mary Jean	Urbana	LAS	Genl	Jr			I II
McClurg, William R.	Covina, Calif.	UGRAD		EM			II
McClusky, Val Gene	Harrisburg	ENG	EE	Fr			I II
McCollum, Louis Edward	Cairo	ENG	ME	Sr		S	I
McCollum, Sam Clayton	Chicago	ENG	Genl	So		S	I II
McCollum, Vashti Cromwell, A.B.	Champaign	LAS	Genl	Irr			I II
McConkey, Glenn Allen, B.Ed., A.M.	Weldon	GRAD	Econ	U		S	
McConnell, Abram Bodine	Woodstock	LAS	Genl	Fr			I II
McConnell, Edna Gertrude	Springfield	UGRAD		EM			I
McConnell, Jane Evans	Woodstock	FAA	Art	So			I II
McConnell, Max Winfred, B.S.	Peoria	GRAD	Educ	EM		S	I II
McCord, Alenia Belle, A.B., A.M.	Greenville			Unc		S	
McCord, Donald Eugene	Chatham	LAS	Genl	Fr			I II
McCord, Phyllis Ann	Danville	LAS	Genl	Fr			I II
McCorkle, Verna Jacqueline	Springfield	EDUC	Genl	Jr		S	
McCormack, John Joseph	Chicago	LAS	PMed	Fr		S	
McCormick, Rose Marie	Philo	LAS	Genl	Fr			I II
McCown, Ruth Frances	Champaign	LAS	Genl	Fr			I
McCrary, Myrtle Catherine	Maywood	LAS	Genl	So			I II
McCray, Billie Jane	Chicago	LAS	Genl	Jr			I II
McCready, Betty Jean	Weldon	EDUC	Genl	Jr			I II
McCree, Walton A., B.S.	Springfield	GRAD	Educ	EM			II
McCrimmon, Jean Burford	Colchester	JNL	Jnl	Sr		S	
McCullough, Alta Margaret, A.B.	Centralia	GRAD	Hist	U		S	
McCullough, Jack Carter	Aurora	LAS	PLaw	Jr			I
McCullough, Thomas Mitchell	Aurora	DENT	Dent	2	Sp	S	F W
McCune, Guy	Greenville	COM	LD	Fr		S	I
McCurdy, Dorothy Ann	Chicago	LAS	Genl	Fr			I
McCutcheon, Loretta Mae	Springfield	EDUC	Genl	Sr			I II
McDaniel, Wanda Nawrock	Urbana	COM	LD	Fr			I
McDermott, Gloria Mae	Crete	ENG	ME	Fr			I II
McDonald, Anna Jean	Newman	LAS	Genl	So		S	I II
McDonald, Ila Rose	Trivoli	LAS	Genl	So			I II
McDonald, John Warlick, Jr.	Arlington, Va.	LAW	Law	1			II
McDonnell, Gloria Margaret	Laura	LAS	Genl	Fr			I II
McDougle, Mary Elizabeth	Urbana	LAS	Genl	So			I II

McDougle, Mary Virginia, A.B., A.M.	Urbana	GRAD	Educ	U			I	II
McElhanev, Eleanor June	Chicago	PHARM	Pharm	4	Sp	S	F	W
McElhinney, John, B.S., M.S.	Urbana	GRAD	Physics	U			S	I II
McElrath, Virginia Esther	Urbana	LAS	Genl	Fr			C	I II
McElroy, Donald L., D.D.S.	Chicago	GRAD	DentTher	C	Sp	S	F	W
McElroy, William Joseph	Waukesha, Wis.	UGRAD		EM				II
McElvain, Jacqueline Dell	Morris	LAS	Genl	Jr			I	II
McFarlane, Peter Joseph, B.S.	Alton	MED	Med	4	Sp	S	F	W
McGann, Kenneth Francis	Peoria	ENG	ME	So			S	
McGaughey, William Clayton	Newman	ENG	EE	Fr			I	II
McGaulay, Thomas Joseph	Oak Park	AGR	Genl	Fr			I	
McGinnis, Catherine Chabot	Joliet	COM	LD	Jr			I	II
McGinnis, Mary Elizabeth, B.Ed.	Augusta	GRAD	Educ	EM		S	I	
McGinnis, Maxine	Dixon	LAS	Genl	Jr			I	II
McGinnis, Robert David	Marion, Ohio	MED	Med	1				W
McGorrick, Dorothy Harriet	Bronxville, N.Y.	LAS	HEcon	Sr			I	II
McGovern, Jeanne Kadyk	Chicago	COM	UD	Jr			I	II
McGowan, Mabel Porter, B.Ed.	Carbondale	GRAD	Educ	EM			I	II
McGrady, Denis Antony, B.S.	Gillespie	LAW	Law	1			I	II
McGrath, Patricia Ann	Chicago	LAS	Genl	Fr			I	
McGraw, Richard	Forest Park	UGRAD		EM				II
McGrew, Jane Tuttle	Detroit, Mich.	FAA	Art	Sr			I	II
McGuire, Alice Patricia	Fowler, Ind.	COM	UD	Sr		S	I	II
McHatton, Vivian LaJean	Colfax	LAS	Genl	Jr			I	II
McHugh, John Patrick	Brooklyn, N.Y.	MED	Med	1				W
McHugh, Thomas Edwin	Joliet	LAS	Plaw	Fr		S		
McHugh, William Vincent	Chicago	ENG	EE	Fr			I	
McIntosh, John Jerome, M.D.	Mt. Carmel	MED	Laryng	PG			F	
McIntosh, Robert Franklin	Danville	LAS	Genl	So			I	II
McJilton, James Earl, B.S.	Ogden	GRAD	Hort	U		S	I	II
McKay, Shirley Jean	Chicago	AGR	HEcon	Sr			I	II
McKean, Juanita Frances	Fairmount	LAS	Genl	So			I	II
McKean, Norma Lee	Fairmount	LAS	DGS	Fr			I	II
McKee, Frances Stanley, B.S., M.S.	West Lafayette, Ind.	GRAD	Chem	U				
McKee, Patricia Ann	Peoria	FAA	Art	Fr			I	II
McKelpin, Joseph Pryce	New Orleans, La.	UGRAD		EM				II
McKemie, Carmelita Garragus	Benton	LAS	Genl	So			I	II
McKenzie, Albert Donald, B.Ed.	Alton	GRAD	Educ	EM		S	I	II
McKenzie, Betty, A.B., B.Soc.Adm.	Monticello	GRAD	Psychol	U		S		
McKenzie, Bruce L., B.S.	West Liberty, Ky.	LAW	Law	1				II
McKenzie, Gordon Davidson, B.S.	PeKin	GRAD	PE	EM			I	
McKibben, Robert Eugene	Champaign	DSSWV		Fr				II
McKibbon, Robert Dean	Peoria	COM	LD	Fr				II
McKinney, Eleanor Charlotte	Ivesdale	AGR	HEcon	Fr		S		
McKinney, Joan Grace	Long Beach, Calif.	LAS	Genl	So			I	II
McKinney, Iyle Schwabe, A.B.	Champaign	GRAD	Educ	U			I	
McKinney, Myrtle, A.B., A.M.	St. Louis, Mo.	GRAD	Educ	U		S		
McKinstry, Barbara Jean	Clarendon Hills	LAS	Genl	So			I	II
McKinstry, Warren J., B.Ed.	Elgin	MED	Med	2	Sp	S	F	W
McKinzie, Walter E., M.D.	Chicago	MED	Laryng	PG			F	
McKnelly, Owen Henry, B.S., M.S.	Allerton	GRAD	Educ	U		S		
McKown, Donald Dean	Ipava	ENG	Genl	Fr			I	II
McLafferty, Nan	Carbondale	FAA	Mus	Fr			I	II
McLane, Doris Rita	Reddick	AGR	HEcon	Fr			I	II
McLaughlin, Charles Albert	Chatham	LAS	PMed	Fr		S	I	
McLaughlin, Dean Edwin, A.B.	Centralia	MED	Med	3	Sp	S	F	W
McLaughlin, Florence Esther, B.S.	Salem	GRAD	Speech	U			I	II
McLaughlin, John Hazlett	Detroit, Mich.	MED	Med	1			I	W
McLaughlin, John Richard	Chatham	MED	Med	3	Sp	S	F	W
McLaughlin, Mary Jean	Decatur	LAS	Genl	Fr			I	II
McLean, Donalda Rowena	Wheaton	LAS	Genl	Sr			I	II
McLean, Jerome Thomas	Chicago	ENG	CE	So			I	II
McLeod, Carmeta Ann	Evanston	LAS	Genl	So			I	II
McLernon, Bernadine, B.Ed.	Galesburg	GRAD	Educ	EM			I	
McLoughlin, Mary Kathleen	Champaign	LAS	Genl	Fr			I	II
McLuen, Edgar J.	Chicago	UGRAD		EM				II
McMahon, Phyllis Marie	Western Springs	LAS	Genl	Sr		S	I	
McMahon, Shirley Louise	Waukegan	LAS	Genl	Jr			I	II
McManus, Eugene Francis	West Frankfort	COM	UD	Sr			I	II
McMaster, Lola Mae, B.S., A.M.	Galesburg	GRAD	Educ	EM			I	
McMenamin, Joseph Patrick, B.S.	La Salle	GRAD	Bot	EM			I	
McMillan, Kathryn Roberta	Atwater	LAS	Genl	Jr			I	II
McMillan, Mary, A.B.	South Standard	GRAD	Hist	U		S		
McMurry, Evelyn Mae	Champaign	COM	LD	Jr			I	II
McNabb, Arthur Alan, M.D.	Lawrence, Mich.	MED	Laryng	PG			F	
McNabb, James Willard	La Grange	ENG	Genl	So			I	
McNair, Hudson Alton, A.B.	Goose Creek, Tex.	GRAD	Educ	U		S		
McNamara, Ann Jane	Streator	LAS	Genl	Fr			I	II
McNamara, Thomas Edward James	Chicago	ENG	EE	Fr			I	II
McNamee, Eloise	Danville	FAA	Art	Fr			I	
McNamee, Lois Jean	Danville	EDUC	Genl	Fr			I	II
McNeil, Horatio Raymond, B.S.	St. Louis, Mo.	GRAD	Zool	U		S		
McNeile, Margaret, B.Ed.	Mound City	GRAD	Educ	U		S		
McNeill, Howard Arnold	Chicago	DSSWV		Fr				II
McNeilly, Gordon Chester, B.S.	Utica	MED	Med	4	Sp	S	F	

McNerney, Charles Frank	Chicago	COM	LD	Fr	II
McNie, Jean Agnes, B.S.	Hampton, Iowa	LAS	EOccTher	Irr	II
McPheeters, Mary Esther	Urbana	LAS	Genl	So	I II
McPherson, Aubrey, Jr.	Chicago Heights	COM	LD	So	I II
McQuaid, Mary Catherine, B.S.	Champaign	AGR	HEcon	Sr	S
McQueen, Leah DeElda	Onarga	LAS	Genl	Fr	I II
McRae, Alvin Philip	Lake Forest	ENG	AeroE	Fr	I II
McRae, Gloria Louise	Evanston	COM	LD	So	I II
McSherry, Patricia, A.B.	Herrin	LAS	Genl	Sr	S
McVicker, Marie Busey, B.Mus.	Urbana	EDUC	Genl	Irr	S
McWethy, Betty Lou	Aurora	LAS	Genl	So	I II
McWethy, Helen	Springfield	UGRAD		EM	I
McWilliams, Ralph Dale, A.B., A.M.	Galesburg	GRAD	Span	U	I II
Mead, Edward Thomas, Jr.	Chicago	LAS	PLaw	Fr	I
Meador, Clarence Nelson, A.B., M.D.	Corpus Christi, Tex.	MED	Laryng	PG	F
Meadors, Edna Marie	Decatur	LAS	Genl	Fr	I II
Meagher, Mary Lou	West Frankfort	LAS	Genl	Fr	I II
Means, Jack	Chicago	UGRAD		EM	II
Mecorney, John Walter, B.S., Ph.D.	Berkeley, Calif.	GRAD	Chem	U	S
Medal, Martha Ann Burnham	Industry	AGR	HEcon	Jr	I II
Medal, Richard James	Chicago	ENG	EE	Sr	S I II
Medendorp, Ruth Louise	Wellington	LAS	Genl	Jr	I II
Medow, Beverly Lou	Chicago	LAS	Genl	Fr	I II
Meek, Hazel Attebery, A.B.	East St. Louis	GRAD	Educ	EM	I
Meek, John Sawyers	Madison, Wis.	GRAD	Chem	U	S I II
Meek, Josephine	Springfield	UGRAD		EM	S I
Meek, Marilyn	Carrollton	LAS	Genl	Sr	I II
Meek, Paul Howard, B.Ed.	Campbell Hill	GRAD	Educ	U	S
Meeker, Mary Jane	Champaign	COM	LD	Fr	S I II
Meeker, Thomas Bailey	Britton, Okla.	UGRAD		EM	II
Meeland, Tor	Brooklyn, N.Y.	PE	PE	Sr	I II
Meers, June Marian	Bloomington	LAS	Genl	Sr	I II
Meginnis, Sara Jean	Champaign	LAS	OccTher	Jr	S I II
Mehler, Wilma Lee	Hutsonville	EDUC	Genl	Jr	S
Mehren, Jane von, A.B.	Hibbing, Minn.	LIB	LibSci	I	I
Meinkoth, Marian Catherine, B.Ed., A.M.	Champaign	GRAD	Econ	U	S I
Meinkoth, Norman August, B.Ed., M.S.	Champaign	GRAD	Zool	U	S I II
Meisel, Seymour Lionel, B.S.	Amsterdam, N.Y.	GRAD	Chem	U	I II
Meisenheimer, William Edmund	Alton	MED	Med	3	Sp S F W
Melamed, Jack Leon	Chicago	LAS	PMed	So	S I II
Melamed, Myron, B.S.	Chicago	MED	Med	4	Sp S F W
Melchior, Denise Mary	Dubuque, Iowa	LAS	PMed	Jr	I
Meletsis, George James	Chicago	PHARM	Pharm	1	Sp S W
Melin, Marguerite	Cambridge	JNL	Jnl	Sr	I II
Melka, Audrey Mildred	Berwyn	LAS	Genl	Fr	I II
Mell, June Marie	West Chicago	LAS	PJnl	Fr	I II
Mellan, Ibert, B.S., M.S.	Chicago	GRAD	Chem	C	F W
Mellendorf, Robert Louis	Chicago	ENG	ME	Fr	I II
Melnik, Irving	Decatur	LAS	Genl	Fr	S I II
Melody, Mariyn Elizabeth	Tuscola	EDUC	Genl	Jr	I II
Melohn, Thelma Jean	Philo	LAS	DGS	Fr	I II
Melzer, William Norman	Northbrook	LAW	Law	1	II
Mendelsohn, Barbara June	Chicago	LAS	Genl	So	II
Mendelsohn, Roy Milton	Chicago	LAS	Genl	Fr	II
Mendelson, Jerome	South Haven, Mich.	LAS	Genl	Fr	I II
Mendelsohn, Jane Ann	Chicago	LAS	Genl	Fr	I II
Mendenhall, L. Herbert, A.B.	East St. Louis	GRAD	Educ	EM	I II
Mendez, Ricardo Elias	Panama City, Panama	FAA	Arch	Fr	I II
Mendkoff, Stanley	Chicago	COM	LD	So	S
Menne, Coaina Marie, B.S.	Quincy	GRAD	Educ	EM	II
Mentzer, Robert Lyle	Lovington	AGR	Genl	Fr	I II
Mercer, Herman Josiah, B.S.	Peoria	GRAD	Educ	EM	I II
Merchant, Esther Hazel, A.B., A.M.	Mt. Carroll	GRAD	Span	U	S
Mercker, Andrew M., A.B.	Quincy	GRAD	InEduc	EM	II
Merideth, Claude	Minneapolis, Minn.	UGRAD		EM	II
Merithew, Clifford Haynes	Rutland, Vt.	UGRAD		EM	II
Merkin, Albert Charles	Chicago	MED	Med	2	Sp S F W
Merowitz, Alvin Saul, A.B.	Chicago	MED	Med	4	Sp S F W
Merowitz, Burton Seymour, B.S.	Chicago	DENT	Dent	4	Sp S F W
Merrifield, Jean	Urbana	LAS	Genl	Jr	I II
Merritello, John	Chicago	PHARM	Pharm	1	S
Merritt, Charles Weaver	Chicago	UGRAD		EM	II
Merritt, Edward George, B.S.	Chicago	MED	Med	4	Sp S F W
Merz, Ralph Leonard, Ph.C.	Chicago	MED	Med	1	W
Meserve, Alice Lee	Robinson	LAS	Genl	Sr	I II
Messar, Alda Carolene	Chicago	LAS	Genl	So	S I II
Messar, Dolores Rose	Chicago	LAS	Genl	So	S I II
Messer, Kathryn June, B.Ed.	Springfield	GRAD	Educ	EM	I
Messerall, Hudson Ellwood	Meadville, Pa.	LAS	DGS	Fr	I II
Mestel, Billy Robert	Vandalia	ENG	Genl	Fr	I
Meszaros, William T., B.S.	Chicago	MED	Med	4	Sp S F W
Metcalfe, Beverly Mae	Crystal Lake	COM	LD	Fr	I II
Metz, Helen Hart, A.B.	Elmwood	GRAD	Educ	EM	I II
Metz, Lillian Marie	Elmwood Park	LAS	Genl	Sr	I II
Metzger, Bert Leo	Chicago	UGRAD		EM	II
Metzger, Robert J.	Cerro Gordo	UGRAD		EM	II

Metzger, Roberta Eloise	Shobonier	LAS	Genl	So		I	II	
Metzger, Virginia May	Plymouth	LAS	Genl	Jr		I	II	
Metzger, William Irwin, B.S., M.S.	West Lafayette, Ind.	GRAD	Bact	C	S		W	
Metzmaker, Charles Otto	Chicago	MED	Med	3	Sp	S	F W	
Meurisse, Mitzi Dorothy	Chicago	LAS	Genl	Jr		I	II	
Meyer, Constance Hecht	Chicago	LAS	Genl	Fr		I	II	
Meyer, Donald Eddy	Lake Villa	PHARM	Pharm	4	Sp	S	F W	
Meyer, George Earl	Morrisonville	COM	LD	Fr		I	II	
Meyer, Ida Mae	Mattoon	EDUC	Genl	Sr	S	I	II	
Meyer, Joseph William	Harvard	ENG	Genl	Fr		I	II	
Meyer, Marvin Phillip, B.S.	Chicago	GRAD	Geol	U		I	II	
Meyer, Mary Lou	Pontiac	LAS	PJnl	Fr		I	II	
Meyer, Mildred Elenor	Chicago	LAS	OccTher	So		I	II	
Meyer, Robert Edward, B.S.	Quincy	GRAD	Latin	EM	S	I	II	
Meyer, Ruth Ann Schwager	Chenoa	JNL	Jnl	Sr	S	I	II	
Meyer, Thomas Logan	Beardstown	LAS	PLaw	Fr		I	II	
Meyer, Willard Carl, B.S.	Chicago	MED	Med	4	Sp	S	F W	
Meyer, William Henry, B.S.	Decatur	GRAD	AnHusb	U		I	II	
Meyers, Bertram David	Chicago	LAS	Genl	Jr		I	II	
Meyers, Betty Ann	Oak Park	LAS	DGS	Fr		I	II	
Meyers, Betty Anne	Salem	LAS	Genl	Fr		I	II	
Meyers, Joan Beatrice	Louisville, Ky.	AGR	HEcon	Fr		I	II	
Meyers, Mary Sue	Toledo, Ohio	LAS	Genl	Fr		I	II	
Meyers, Renee	Chicago	LAS	Genl	Fr		I	II	
Meyers, William Paul	Danville	PE	PE	Fr		I	II	
Michael, Edna Alice, B.S., A.M.	Muncie	GRAD	Educ	U		I	II	
Michael, Edwin Gordon	Chicago	AGR	Genl	Fr		I	II	
Michael, Marjorie Lois	Toledo, Ohio	LAS	Genl	Fr		I	II	
Michael, Nellie Maxine	Robinson	LAS	PJnl	So		I	II	
Michaels, Henry Martin	Chicago	MED	Med	3	Sp	S	F W	
Michal, Rita Dorothy	Chicago	FAA	Art	3	So		I	II
Michalski, Stanley Dominick	Chicago	ENG	Genl	Fr		I	II	
Michel, Burton David	New Haven, Conn.	UGRAD		EM		I	II	
Michel, Marvellee, B.S.	Richmond Heights, Mo.	GRAD	MusEd	U	S	S	F	
Michels, Donald G., A.B., B.S.	Oak Park	MED	Med	4	Sp	S	F	
Michels, Eva Mabel, A.B.	Albion	GRAD	Engl	U	S			
Michels, Harriett Gail	Chicago	LAS	Genl	Fr		I	II	
Michenfelder, Robert A.	Long Island, N.Y.	UGRAD	PE	EM		I	II	
Middents, Gertrude Louise, A.B.	Lowry, Minn.	LAS	EOccTher	Irr		I	II	
Middlesworth, John Torrence, B.S.	Cowden	GRAD	PE		S			
Middleton, Keith Edward, B.Ed.	Normal	GRAD	InEduc	EM		I	II	
Midlash, Arnold Youman	Chicago	LAS	Genl	Fr		I	II	
Miears, Claude H., B.S., M.D.	Austin, Tex.	MED	Laryng	PG		F		
Mieschke, Lorraine Margaret	Chicago	PE	PE	Sr		I	II	
Miesenhelder, James Philip	Robinson	LAS	Genl	Fr		I	II	
Miethe, Meta Jane	Danville	LAS	Genl	Jr	S	I	II	
Milbach, Myra	Berwyn	EDUC	Genl	Jr		I	II	
Milcarek, Donald Kenneth	Chicago	LAS	PLaw	Fr		I	II	
Milceznny, Evelyn Katherine	Chicago	LAS	Genl	Jr		I	II	
Milceznny, Ruth Josephine, B.S.	Chicago	GRAD	Educ	U	S			
Milder, Phyllis Studna	Omaha, Nebr.	LAS	Genl	So		I	II	
Miles, Alice Ann	Savanna	AGR	HEcon	Jr		I	II	
Miles, Betty Dill	Rushville	LAS	Genl	Jr		I	II	
Miles, Edwin Hartung	Savanna	ENG	Genl	Fr		I	II	
Miles, Elsa Virginia	Urbana	LAS	Genl	So		I	II	
Miles, Margaret Buckingham, A.B.	Peoria	GRAD	Educ	EM		I	II	
Milford, James Jahue, Jr.	Chicago	PHARM	Pharm	3	Sp	S		
Miller, Adele Esther	Chicago	LAS	OccTher	Fr		I	II	
Miller, Alfred Alan	Villa Park	COM	LD	Fr	S	I	II	
Miller, Arnold Jack	Chicago	COM	LD	So	S	I	II	
Miller, Arthur Otto	Chicago	UGRAD		EM		I	II	
Miller, Barbara Dawn	Urbana	LAS	Genl	Fr		I	II	
Miller, Celeste Rae	Des Plaines	LAS	Genl	Jr		I	II	
Miller, Charles P.	Elgin	UGRAD		EM		I	II	
Miller, Clarence Michael	Joliet	LAS	Genl	So		I	II	
Miller, Clifford Raymond	Bellevue, Wash.	LAS	DGS	Unc		I	II	
Miller, Edward Joseph, B.S.	Chicago	MED	Med	4	Sp	S	F W	
Miller, Florence R.	Petersburg	UGRAD		EM		I	II	
Miller, Gwendolyn Gloria, A.B.	Urbana	LAS	Genl	Sr	S			
Miller, Harriet	Chicago	LAS	Genl	So		I	II	
Miller, Helen Dean	Chicago	JNL	Jnl	Sr		I	II	
Miller, Ida Mae	Urbana	LAS	Genl	Unc		I	II	
Miller, Irving Charles	Chicago	DENT	Dent	3	Sp	S	F W	
Miller, Joann Emily, A.B., M.S.	Taylorville	MED	Med	1	S	I	II	
Miller, John Ferdinand, B.Ed.	Kenney	GRAD	Educ	U		I	II	
Miller, Joyce Loraine	Union	LAS	Genl	Fr		I	II	
Miller, Julian Allen	Chicago	LAS	PMed	So	S	I	II	
Miller, Leroy Joshua, B.S.	Baltimore, Md.	MED	Med	4	Sp	S	F	
Miller, Lowell Ernest	Milford	COM	LD	Fr		I	II	
Miller, Lytle Gene	Joy	LAS	Chem	Fr		I	II	
Miller, Margaret Amanda	Timewell	LAS	DGS	So	S	I	II	
Miller, Mary Alice, A.B.	Okmulgee, Okla.	GRAD	Educ	EM		I	II	
Miller, Maurice Robert	Chicago	UGRAD		EM		I	II	
Miller, Melba Alice	Sidell	LAS	Genl	Jr		I	II	
Miller, Melvin Linder, B.S.	Bloomington	GRAD	Educ	EM		I	II	

Miller, Meryl	Peoria	LAS	Genl	Fr		II
Miller, Mildred Blanche, A.B.	Galesburg	GRAD	Educ	EM	I	II
Miller, Mildred Jean	Olney	LAS	Genl	Fr		II
Miller, Milton J., B.S.	Highland, Ind.	MED	Med	4	Sp S	F W
Miller, Patricia Ruth, B.S.	West Allis, Wis.	MED	EOccTher	Irr		I W
Miller, Patty Dean	East St. Louis	COM	LD	Fr		I II
Miller, Ruth Ellen	Barrington	FAA	Art	Jr		I II
Miller, Sonia Maxine, A.B.	Streator	GRAD	Engl	U		I II
Miller, Vivian Joyce	Chicago	LAS	Genl	Fr		I II
Miller, William Martin, B.S.	Kewanee	LAS	Chem	Sr	S	
Miller, Wylmarose	Decatur	LAS	Genl	Jr		I II
Milligan, Charity Lamont	Berwyn	LAS	Genl	Sr		I II
Milliken, Dorothy Matilda	Princeton	LAS	Genl	Jr		I II
Millis, Sally Lou	Springfield	LAS	Genl	So		I II
Mills, Arthur Kenneth	Chicago	LAS	PMed	Fr		II
Mills, Elizabeth Ross, B.S., M.S.	Champaign	GRAD	HEcon	U		I
Mills, Jack, A.B.	Champaign	GRAD	Chem	U	S	I
Mills, Margaret Isabel, B.S.	Palestine	FAA	Mus	Sr	S	
Mills, Peggy Lou	Indianola	LAS	Genl	So		I II
Millsap, Ruby Antoinette	Newton	LAS	Genl	So		I II
Milnar, Anthony Lorenz	Lyons	UGRAD	EM	Fr		II
Milner, Ruby Olivia	Newton	LAS	Genl	4	Sp S	F W
Milas, Robert Joseph, B.S.	Chicago	MED	Med	4	Sp S	F W
Minami, Mitsugu	Rivers, Ariz.	FAA	Arch	Fr		I II
Minard, David Lee	Urbana	LAS	Genl	Sr		S I II
Mindell, Harold B., A.B.	Aurora	MED	Med	4	Sp S	F I
Miner, Arthur Esmond	Chicago	FAA	Arch	Sr		I II
Miner, Neva Lucille	Champaign	FAA	Mus	Sr	S	I II
Miner, Sarah Avice, A.B., M.S.	Decatur	FAA	Mus	Irr	S	
Miner, William Dickson	Waverly	LAS	Genl	So		I
Minerbrook, Alan Burke	Chicago	FAA	Art	Fr		II
Minkin, Jerome Milton	Pittsburgh, Pa.	JNL	EJnl	Fr		I II
Minkus, Gerald Morton	Chicago	AGR	Genl	Fr		II
Minkus, Seena	Chicago	LAS	Genl	Jr		I II
Minner, Marshall Allan	Rock Island	MED	Med	2	Sp S	F W
Minnich, Marianna Theresa	Oak Lawn	LAS	Genl	Fr		I II
Minnis, Rose Marie	Glen Ellyn	FAA	Mus	So		I II
Minor, Anne Elizabeth, B.S.	Lexington, Ky.	GRAD	Math	U	S	
Minor, Robert Samuel	Oak Park	JNL	Jnl	Jr	S	I II
Minto, Lura Jean	Antioch	AGR	HEcon	So		I II
Mintun, Bettie Ruth	Monticello	PE	PE	Fr		I II
Mintz, Helen Marilyn	Chicago	LAS	DGS	So		I II
Mintzer, Herman, B.S.	Chicago	DENT	Dent	3	Sp S	F W
Mirosovsky, Bessie	Chicago	LAS	Genl	Sr		I II
Misch, Robert Donald	Glencoe	UGRAD	EM	Fr		II
Misegades, Alice Louise	Alton	LAS	Chem	So		I II
Mishkin, Celeste Selma	Chicago	LAS	DGS	Fr		I II
Mishler, James Eugene	Miami, Fla.	DSSWV	Fr	Fr		I II
Misius, Lillian Dombro	Chicago	LAS	Genl	Jr		I II
Missavage, Edward, Jr.	Royalton	MED	Med	2	Sp S	F W
Mista, Joseph Michael	Martins Ferry, Ohio	UGRAD	EM	Fr		II
Mitchel, Helen Elizabeth	Charleston	COM	UD	Jr		I II
Mitchel, Lorraine Ruth	Chicago	PE	So	So		I II
Mitchell, Betty Loraine	Philadelphia, Pa.	LAS	DGS	Fr		I II
Mitchell, Charles Edward, B.S.	Ordway, Colo.	GRAD	Hort	U	S	
Mitchell, David Camp	Chicago	LAS	DGS	Fr		I
Mitchell, Harry Donald	Danville	DSSWV	Unc	Fr		II
Mitchell, Harry William	San Francisco, Calif.	UGRAD	EM	Fr		II
Mitchell, Henry	Harrisburg	ENG	ME	Fr		I II
Mitchell, Hilbert Hurricane	Harvey	DSSWV	Fr	Fr		I
Mitchell, Ira Lyman	Tuscumbia, Ala.	UGRAD	EM	Fr		II
Mitchell, Jack Leonard	Chicago	COM	LD	Fr		I II
Mitchell, Jane Cosgrove	Zion	ENG	Unc	Fr	S	
Mitchell, John Richard	Carmi	ENG	Genl	Fr		I
Mitchell, Joy Elaine	Cary	DGS	Fr	Fr		I II
Mitchell, Mary Ellen	Zion	LAS	Genl	Jr		I II
Mitchell, Morris, Jr.	Chicago	LAS	PLaw	Fr		II
Mitchell, Rita Thelma	Chicago	LAS	Genl	Fr		I II
Mitchell, Warren Irwin, B.S.	Champaign	GRAD	TAM	U	S	I II
Mitchell, William David, B.S.	Champaign	GRAD	CE	U	S	I II
Mitchell, Winifred R., B.S., M.S.	Urbana	GRAD	Bact	U		II
Mittelheuser, Ernest	Elmhurst	UGRAD	EM	Fr		II
Mix, Orville Anthony, Jr.	Chicago	LAS	Genl	So		II
Mixon, Jaye Edward	Chicago	LAS	Genl	Fr		I II
Miyamasu, Edward Tokio	Honolulu, Hawaii	FAA	Arch	Sr	S	I
Mizialko, John, Jr.	Chicago	COM	LD	So		I II
Moberg, Carl Harold	Rockford	MED	Med	2	Sp S	F W
Moberly, Helen Jane	Hammond	AGR	HEcon	So		I II
Mock, Forrest G., B.Ed.	Roxana	GRAD	Educ	EM		I II
Mockert, Phyllis Sue	Bloomington	FAA	Art	So		I II
Moculeski, Gloria Virginia	Chicago	LAS	DGS	Fr		I II
Moehle, Erna Barbara, B.S., A.M.	Champaign	EDUC	Genl	Irr	S	
Moehle, Winifred	Chicago	LAS	Genl	Jr	S	I II
Moehlenkamp, Enloe Fred	Okawville	AGR	Genl	Fr		I II
Moffatt, James	Chicago	UGRAD	EM	Fr		II
Mohan, James Thayer	Chatham	LAS	Genl	Fr		I II

Mohr, Jack Elmer	Randolph, Mass.	LAS	Genl	Unc		II
Mojonnier, Doris Rose, A.B.	Oak Park	LAS	Genl	Sr	S	
Molasky, Marvin Lee	Clayton, Mo.	LAS	Genl	Fr		II
Molasky, Stanley Louis	University City, Mo.	COM	LD	Fr		II
Molay, Arthur Frank	Chicago	DENT	Dent	3	Sp S	F W
Molden, Charles Arthur, A.B.	Troy	MED	Med	4	Sp S	F W
Moll, Edward, B.S.	Peoria	GRAD	Educ	EM		II
Moll, Joyce Edythe	Chicago	LAS	Genl	Fr		I II
Mollet, Doris Emily	Greenville	AGR	HEcon	Sr		S I II
Mollet, Martha Elizabeth	Greenville	AGR	HEcon	So		I II
Molloy, Joseph Emmet, B.S.	Chicago	MED	Med	4	Sp S	F W
Moltz, Leah	Chicago	AGR	HEcon	Jr		I II
Molyneux, Mathias Glenn, B.S.	Chicago	MED	Med	4	Sp S	F W
Monahan, Jane	Danville	LAS	Genl	Fr		I II
Monaco, Vincent Louis	Chicago	PHARM	Pharm	1		W
Monahan, Joan Elizabeth	Chicago	LAS	Genl	Fr		II
Monahan, John William, B.S.	Boston, Mass.	MED	Med	3	Sp S	F W
Monahan, Margaret Celeste	Chicago	ENG	Genl	Fr		II
Monger, June Goble	Urbana	GRAD	Educ	U		S I
Monger, Mary Elizabeth	Tuscola	LAS	Genl	Jr		S I II
Monnier, John Edward	Warsaw	AGR	Genl	Sr		S I
Monnig, Charles Harry	Cincinnati, Ohio	UGRAD		EM		II
Monroe, Jean Marion	Chicago	LAS	Genl	So		I II
Monroe, Lois Ruth	Reddick	AGR	HEcon	So		I II
Monroe, Marilyn Ione	Lake Bluff	LAS	DGS	Fr		I II
Monson, Hattie Diemer, B.Ed.	Jacksonville	GRAD	Educ	EM		I II
Montagne, Ivan	Jennings, La.	MED	Med	1		W
Montague, Elmer Anthony	Chicago	LAS	Genl	So		I
Montano, Anthony Mario, Jr.	North Haven, Conn.	LAS	PMed	Fr		I II
Montano, Carlos Chacon	Las Cruces, N.Mex.	UGRAD		EM		II
Montemayor, Ponciana Salvador, B.S.	Nuevo León, Mex.	GRAD	CerE	U	S	I
Montgomery, James Kenneth	Downers Grove	ENG	ME	So		I II
Moodie, Geraldine	River Forest	LAS	Genl	Fr		I
Moody, Barbara Susanne	Decatur	LAS	DGS	So		I II
Moody, Betty Jean	Hammond, Ind.	LAS	Genl	Fr		I II
Moon, Marian Alice	Mahomet	LAS	Genl	Fr		I II
Mooney, Richard Daniel	Champaign	AGR	Genl	Fr		I II
Moore, Albert Sidney Johnston, Jr., B.S.	East St. Louis	GRAD	Zool	EM		I II
Moore, Alma Maude, B.S.	Flat Rock	GRAD	HEcon	U	S	
Moore, Alton Wallace, B.S.	San Francisco, Calif.	GRAD	Orthod	C		F
Moore, Buren Hayward, B.Ed.	West Point	GRAD	Educ	EM	S	I II
Moore, Clarence Albert, B.S.	Springfield	GRAD	AgEcon	U		II
Moore, David Pittman	Dixon	LAS	PMed	Fr		I II
Moore, Ermina Gertrude, A.B.	Bloomington	LIB	LibSci	1	S	II
Moore, Evan Gregory	McAlester, Okla.	LAS	Genl	Jr	S	
Moore, Forrest Merritt	Pana	UGRAD		EM		I II
Moore, Georgia Ellen, A.B.	Frankfort, Ind.	LIB	LibSci	1	S	
Moore, Harold W., A.B., Ph.M.	Rockford	GRAD	Educ	EM		I II
Moore, Irene, B.S.	Flat Rock	LIB	LibSci	1	S	
Moore, Jean Mary Elizabeth	Oak Park	LAS	Genl	Fr		I II
Moore, Margaret King	Belfast, Me.	FAA	Art	So		I II
Moore, Mary Marjorie Scott	Connerville, Ind.	LAS	Genl	Sr		I
Moore, Mary Virginia	Peoria	AGR	HEcon	Fr		I II
Moore, Nancy HOLETON	Chicago	FAA	Art	So		I II
Moore, Phillip Bliss, Jr.	Waukegan	LAS	ChEng	Jr		I
Moore, Phylita E. Shinneman, B.S.	Weldon	GRAD	Educ	U	S	
Moore, Stuart Graham	Memphis, Tenn.	ENG	EE	Fr		I II
Moore, Thomas Stephen	Chicago	MED	Med	3	Sp S	F W
Moore, Vail Hall, B.S.	Urbana	GRAD	TAM	U		S F W
Moorshead, Dorothea	Villa Park	MED	OccTher	4	S	F W
Moots, Mary Ann	Clinton	LAS	Genl	So		I II
Moran, Patricia Jean	De Pue	FAA	Art	So		I II
Moranville, John Bernard	Sainte Genevieve, Mo.	MED	Med	1		W
Moraw, Doris Jean	Park Ridge	LAS	DGS	Sr		I II
Mordue, Martha Irene	Glen Ellyn	LAS	Genl	Sr	S	I II
Morello, Gladys Isabelle	Marseilles	LAS	Genl	Jr		I II
Mores, Clara Joan, A.B., B.S.	Joliet	LIB	LibSci	1	S	
Moreton, Mark William	Mt. Vernon	COM	LD	Fr	S	I
Moretini, June Francis	Taylorville	LAS	DGS	Fr		I II
Moretto, Nelly Amalia	Rosario, Argentina	FAA	Mus	Sr	S	I II
Moretto, Oreste, C.E., M.S.	Buenos Aires, Argentina	GRAD	CE	U	S	I II
Morfoot, Frances Van Every, A.B., A.M.	Toledo, Ohio	GRAD	Math	U		I II
Morgan, Charles Warren	Rantoul	UGRAD		EM		II
Morgan, Donna Louise	Springfield	LAS	Genl	So	S	I II
Morgan, Earl Amos, Jr.	Harvey	ENG	ME	Sr		II
Morgan, Julie Anne, A.B.	Oak Park	MED	MedIllus	PG		F
Morgan, Marjorie Jane	Crystal Lake	LAS	Genl	Sr		I II
Morgan, Miriam Juliana	Galva	LAS	Genl	Jr		I II
Morgan, Robert Dean	Marion	MED	Med	2	Sp S	F W
Morgan, Ruth Marie	Somonank	LAS	Genl	Jr		I II
Morgan, Sylvia Troemper, B.Mus.	Urbana	GRAD	Mus	U	S	I II
Morgan, Thomas Bruce	Springfield	JNL	EJnl	Fr		I
Morgan, Wayne Daniel	Cerro Gordo	ENG	ME	Fr	S	I
Morganstein, Greta	Chicago	LAS	Genl	Fr		II
Morgenstein, Bernice	Chicago	COM	LD	So		I II

Morgenstein, Helen M.	Du Quoin	PE	PE	Sr	I II
Morine, Donna Maxine	Hennepin	AGR	HEcon	Fr	I II
Morison, Mary Isabella, B.S.	Chicago	FAA	Mus	Irr	S
Moriwaki, Betty Setsu	Chicago	LAS	Genl	Fr	II
Morkovin, Dimitry, B.S., M.B.A., B.M., Ph.D.	Los Angeles, Calif.	MED	Med	2	Sp S F W
Morley, Esther Louise	Quincy	LAS	Genl	Jr	I II
Moroney, Genevieve Helen, B.S.	Des Moines, Iowa	LIB	LibSci	1	S
Morphew, Charles Edward, B.Ed.	Bloomington	GRAD	Educ	EM	S I II
Morray, John Robert	Carbondale	DENT	Dent	1	Sp
Morrill, Charles Cleon, D.V.M., M.S.	Du Quoin	GRAD	AnPath	U	S I II
Morris, Billy Gene	Du Quoin	ENG	ME	So	S II
Morris, Flo Nell	Altamont	FAA	Art	Sr	I II
Morris, Lee Mishler, B.S., M.S.	Rantoul	GRAD	Educ	U	S
Morris, Muriel Judith	Chicago	LAS	Genl	So	I II
Morris, William Otis, A.B.	Fairmount, W.Va.	LAW	Law	1	I II
Morrison, Arthur Harold	Chicago	COM	LD	So	I
Morrison, Mildred Pauline	Marion	EDUC	Genl	Jr	S
Morrison, Robert Rees, B.S., A.M.	Springfield	GRAD	Educ	EM	I
Morry, William Ernst	Cincinnati, Ohio	UGRAD		EM	II
Mortenson, Elizabeth Marie	Chicago	LAS	Genl	Fr	I
Morton, Charles Duane	Bismarck, N.Dak.	ENG	EE	Fr	II
Morton, Robert Earl	Elgin	PE	PE	So	I II
Mosborg, Robert John	Lockport	ENG	CE	Sr	I II
Moscinski, Warren Phillip	Chicago	PHARM	Pharm	1	W
Moser, Charlys Junc	Champaign	EDUC	Genl	Jr	S I II
Moses, Marvin Jerome	Chicago	LAS	DGS	Fr	I II
Mosgrove, Pearl, B.S.	Monticello	GRAD	Geog	U	I
Moshein, Jack, A.B.	Pontiac	MED	Med	2	Sp S F W
Mosher, Richard Hugh	Lima, Ohio	UGRAD		EM	II
Moskov, Morton, A.B.	Rochester, N.Y.	GRAD	Engl	U	I II
Moskowitz, Pearl Lucille	Chicago	AGR	HEcon	So	I II
Mosley, Forrest	Kansas City, Mo.	UGRAD		EM	II
Moss, Chester Fred, B.Ed., A.M.	Christopher	GRAD	Educ	U	S
Moss, Frances Bryan, A.B.	Stigler, Okla.	MED	EOccTher	Irr	I II
Moss, Pearl Orene	McLeansboro	AGR	HEcon	Sr	S I
Moss, Theodore Crandall	Brocton, N.Y.	UGRAD		EM	II
Moss, Winifred Jane	Belleville	LIB	LibSci	Unc	S
Moss, Woodrow Glen, A.B., M.S.	Wichita, Kans.	GRAD	Physiol	C	Sp F W
Motel, Lorraine Ruth	Chicago	LAS	Genl	Fr	I II
Motel, Sally Adeline	Chicago	LAS	Genl	So	I II
Mottley, Alice Patricia Regina Butler	Rahway, N.J.	COM	UD	Jr	I II
Motulsky, Arno Gunther	Chicago	MED	Med	2	Sp S F W
Moudy, Jessie Lorena	West Salem	JNL	Jnl	Sr	I II
Moukas, Dixie	Chicago	LAS	Genl	Fr	I II
Mount, Frank Edward	Chicago	ENG	Genl	Fr	S I
Mouritsen, Thorvald Edgar	Waukegan	ENG	ME	So	S I II
Moyer, Mary Ellen, A.B., B.S.	Springfield	UGRAD		EM	I
Moyers, Helen Louise	Sycamore	AGR	HEcon	Fr	I
Moynes, Patricia Jeanne	Chicago	LAS	Genl	Fr	I
Mrazek, Rudolph George, Jr., A.B.	Chicago	MED	Med	4	Sp S F
Mroz, Walter Edward	Chicago	PE	PE	Fr	I II
Muehe, Charles Christopher	Chicago	MED	Med	4	W
Muehrcke, Marie Hyacinth	Chicago	LAS	Genl	Jr	I II
Mueller, Alfred Leonard	Melrose Park	UGRAD		EM	II
Mueller, Allan George	Taylor Ridge	AGR	Genl	Sr	I II
Mueller, Bernice Margarthe	Waterloo	AGR	HEcon	Jr	I II
Mueller, Charlotte Evelyn	Dixon	FAA	Art	So	I II
Mueller, Donald Keith	Columbia, Mo.	AGR	Flor	Unc	I
Mueller, Eugene Albert	Belleville	ENG	EE	Fr	I II
Mueller, Helen Marie, A.B.	Waterloo	GRAD	Bact	U	S I II
Mueller, Marilyn Jean	Peoria	FAA	Dent	Fr	I II
Mueller, Phyllis Adonis	Chicago	FAA	Art	Fr	I II
Muench, Ernst Guyot	Des Plaines	DENT	Dent	2	Sp S F W
Muench, Robert James	Des Plaines	MED	Med	3	Sp S F W
Muening, Louise, B.S.	Chicago	GRAD	Chem	C	Sp F
Muffley, Elvay Joseph, B.S.	Decatur	GRAD	Educ	EM	I II
Mugge, Marilyn Simmons	Harrisburg	LAS	Genl	Jr	S
Mugge, Phyllis Bushnell	Dover, Dela.	MED	OccTher	4	S F W
Muirhead, Robert Mowalt	Salt Lake City, Utah	MED	Laryng	PG	S
Mularz, Virginia Florence	Chicago	PHARM	Pharm	4	Sp S F
Muldowney, John Joseph	Rockford	MED	Med	3	Sp S F W
Mullen, Gail Hyde	Batavia	ENG	AeroE	Fr	I
Mullendore, Jessie Marian, A.B.	Franklin	LIB	LibSci	1	S
Muller, Carl H., B.S.	Chicago	DENT	Dent	4	Sp S F
Mullett, Jane Elizabeth, B.S.	Springfield	GRAD	Educ	EM	I II
Mulligan, Thomas Joseph	Chicago	UGRAD		EM	II
Mulliken, Roberta Nadine	Urbana	FAA	Mus	So	I II
Mulliken, Wallace Dale	Elgin	LAS	Genl	So	S I II
Mulfin, Edwin Elmer, B.S., B.S.	Manlius	MED	Med	4	Sp S F
Mullins, Rita Marie, A.B.	Decatur	GRAD	Zool	U	I II
Mummert, Delores Flora	St. Louis, Mo.	LAS	Genl	Sr	I II
Munger, Dorothy Janet	Champaign	GRAD	Educ	U	I II
Munger, Ruth Louise, Ph.B.	Janesville, Wis.	MED	EOccTher	Irr	I W
Munk, Burton Mayer	Chicago	LAS	DGS	Fr	S I



Munse, William Herman, B.S., M.S.	Champaign	GRAD	CE	U	S		
Munson, Thomas A.	Metcalf	MED	Med	4	Sp	S	F W
Murchison, Ruth Louise	Chicago	LAS	Genl	So		I	II
Murdoch, Richard Oliver, B.S.	Downers Grove	ENG	ME	Sr	S		
Murdock, James Karnes	Huntington, Ind.	COM	LD	Fr		I	
Murphy, Barbara Carolyn	Evanston	COM	UD	Jr		I	II
Murphy, Edward Joseph	Glenarm	LAS	DGS	Fr		I	II
Murphy, Edward Paul, B.S.	Wilmette	ENG	CerE	Sr	S		
Murphy, Francis Loughran	Joliet	UGRAD		EM		II	
Murphy, Howard C.	Chicago	UGRAD		EM		II	
Murphy, Jacqueline Louise	Peoria	LAS	DGS	Fr		I	II
Murphy, James Leo	Racine, Wis.	COM	LD	Unc		II	
Murphy, Joseph William, B.S.	Park Ridge	MED	Med	4	Sp	S	F W
Murphy, Patricia Ann	Dundee	COM	UD	Jr		S	I II
Murphy, Robert Edward	Vandalia	ENG	Genl	So		S	I II
Murphy, Robert H.	Joliet	MED	Med	4	Sp	S	F W
Murphy, William J. Francis	Chicago	LAS	Genl	Fr	S		
Murray, Barbara Elizabeth	Chicago	AGR	HEcon	Sr		I	II
Murray, Joyce Helena	Chicago	LAS	Genl	Fr		I	II
Murray, Katherine Jeanne, B.S., M.S.	Champaign	GRAD	Educ	U	S		
Murray, Marilyn Estelle	Buckley	LAS	PJnl	So		I	II
Murray, Mary Therese	Gillespie	LAS	PJnl	Fr		I	II
Murray, William Norbert	Rocky River, Ohio	MED	Med	1			W
Murton, Frances Josephine, A.B.	Springfield	GRAD	Educ	EM		I	
Musgrave, Glenellen	Hutsonville	AGR	HEcon	Fr		I	II
Musgrave, Mary Esther	Hutsonville	EDUC	Genl	Sr	S	I	II
Muskat, Robert Louis	Oak Park	COM	LD	Fr		I	
Musselman, Charles Hansell	Metropolis	COM	LD	Fr		II	
Musser, Jane Ellen	Kirkland	LAS	Genl	Fr		I	II
Mutchnik, Marvin Eugene	Chicago	LAS	Genl	Jr		I	II
Mutti, Ralph Joseph, B.S., M.S.	Urbana	GRAD	AgEcon	U		II	
Mutzbauer, Vera Christine	Chicago	LAS	Genl	Fr		I	II
Myers, Alice Cox	Cuyahoga Falls, Ohio	EDUC	Mus	Sr		I	II
Myers, Cecil Louise	Hoopston	AGR	HEcon	Fr		I	II
Myers, Edward Lewis	Earlville	COM	LD	Fr	S		
Myers, Eleanor Gard	Champaign	LAS	Genl	Sr		II	
Myers, Joseph Elmer, A.B.	Peoria	GRAD	Educ	EM		I	
Myers, Maude Elizabeth	Springfield	GRAD	Educ	EM		I	
Myers, Neal Franklin, B.S., M.Ed.	Quincy	GRAD	Educ	U	S		
Myers, Phyllis Ione	Sugar Grove	LAS	HEcon	Sr		I	II
Myers, Robert Lee, B.S.	Akron, Ohio	GRAD	Chem	U		I	II
Myers, Squire Dallas, B.S., A.M.	Beason	GRAD	Educ	U	S		
Myers, Violet Young	Springfield	UGRAD		EM		I	II
Myers, Walter Emory	Springfield	UGRAD		EM		I	
Myers, William Frederick	Elgin	PE	PE	Fr		II	
Myers, William Perry	Hoopston	ENG	ME	So		I	II
Naab, Doris Anne, B.S.	Rock Island	Bact	C	Sp	S	F	
Nadworny, Edna Josephine	New York, N.Y.	FAA	Art	Fr		I	II
Nagai, Kiyo, B.S.	Orange, Tex.	LAS	EOccTher	Irr		I	II
Nagel, Gloria Lucile	Wheaton	JNL	EJnl	So		I	
Nagell, Shirley Marie	Harvey	LAS	DGS	Fr		I	II
Nagle, Nathan David, A.B.	Gowanda, N.Y.	GRAD	Bact	C		F	
Nagle, Patrick Steven	Chicago	DSSWV		Fr		I	II
Naiditch, Irving	Chicago	LAS	Genl	Fr	S		
Nainis, William S., B.S.	Chicago	MED	Med	4	Sp	S	F
Nakada, James	Azusa, Calif.	LAS	PMed	Fr		S	
Nalbandov, Olga Oliver, B.S., M.S.	Urbana	GRAD	Chem	U	S	I	II
Nalley, James Frank	New York, N.Y.	UGRAD		EM		II	
Nance, Helen Miriam, Ph.M.	Peoria	GRAD	Educ	EM		II	
Nantkes, Elaine Vivian	Witt	GRAD	Math	U		I	II
Napier, Charles Stearns, A.B., A.M.	Chicago	GRAD	Psychol	U	S	I	II
Naramore, Edna Jean	Summit, N.J.	FAA	Mus	Fr		I	II
Nark, Albert Joseph	Forest Park	UGRAD		EM		II	
Nastoff, Virgie-Ann	Melrose Park	LAS	Genl	Fr		I	II
Nathan, Esther Lillian	Chicago	LAS	Genl	Jr		I	II
Nathan, Marvin Freeman, B.S.	Urbana	GRAD	Chem	U	S	I	II
Nathanson, Phyllis Adele	Chicago	LAS	Genl	Sr		I	II
Nathaus, John Henry	Chicago	UGRAD		EM		II	
Naumann, Betty Jane	Peoria		Unc	S		II	
Navadomskis, Rosemary Anne	Chicago	LAS	PMed	Fr		II	
Naylor, Marjorie Virginia	Chicago	MED	Med	3	Sp	S	F W
Nazarek, Laverne Verne	Chagrin Falls, Ohio	LAS	Genl	So		II	
Neadell, Eileen Shirley	Chicago	LAS	DGS	So		I	II
Neal, Charles Dempsey, B.P.S.M., M.S.	Sadorus	GRAD	Educ	U	S	I	II
Neal, Earl Langdon	Chicago	LAS	Genl	Fr		II	
Neal, Patricia	Mattoon	LAS	Genl	Fr		II	
Neason, Martha Georganne	Mattoon	LAS	Genl	Fr		II	
Nedry, Adele Minette	Chicago	LAS	Genl	So		I	II
Nedzel, Gleb Alexander	Elmhurst	MED	Med	4	Sp	S	F W
Neece, Margaret Stevens	Macomb	JNL	EJnl	Fr		I	II
Neece, Melvin Bernell, A.B.	Lowpoint	GRAD	Educ	U	S	I	II
Neff, Joan Pearl	Chicago	LAS	Genl	So		I	II
Neff, Lois Catherine, A.B.	Dayton, Ohio	LIB	LibSci	1		I	II
Neice, Edna Pauline, B.Ed.	Galesburg	GRAD	Educ	U	S		
Neiditch, Oscar Walter, B.S.	Chicago	GRAD	Chem	C	S		

Neill, Margaret Ruth	Naperville	LAS	Genl	Fr	I	II
Neilson, Marygail	Roseville	LAS	Genl	Fr	I	II
Neilson, William George, A.B.	Roseville	MED	Med	3	Sp	S F W
Neisler, Virginia Allison, A.B.	Decatur	LIB	LibSci	1		I
Nejedly, Robert Francis	Chicago	MED	Med	1		W
Neller, Norman L., B.S.	Cicero	MED	Med	4	Sp	S F W
Nelson, Allen Merle	Chicago	LAS	Chem	Fr		II
Nelson, Bettie Elizabeth, B.Ed.	DeKalb	MED	EOccTher	Irr		S F
Nelson, Carl Albert, A.B.	Danville	MED	Med	4	Sp	S F
Nelson, Charles Edward	Chicago	AGR	Genl	Jr		I II
Nelson, Claude Lafayette, B.S.	Chrisman	GRAD	Educ	U		S I II
Nelson, Constance Lucille	Salina, Kans.	COM	LD	So		I II
Nelson, Doris Jeanette	Chicago	LAS	Genl	Fr		I II
Nelson, Dorothy Marie	Riverside	LAS	Genl	So		I II
Nelson, Eleanor Eugenia	Champaign	AGR	HEcon	Sr		S I II
Nelson, Elizabeth Louise	Racine, Wis.	LAS	Genl	Sr		I II
Nelson, James Conrad	Nauvoo	LAS	Genl	So		S I II
Nelson, Jean Elizabeth, B.S., A.M., B.S.	De Kalb	LIB	LibSci	1		S
Nelson, John Adolph, Jr.	Rockford	LAS	ChEng	Fr		II
Nelson, John Otto	Urbana	LAS	PMed	Jr		S I II
Nelson, Karen Diane	Elkhart, Ind.	FAA	Mus	2	Sr	I II
Nelson, Lawrence Frank, B.S.	Rockford	MED	Med	2		S F W
Nelson, Lucille Estella	Chicago	LAS	Genl	Jr		I II
Nelson, Marjorie Joyce, A.B., B.S.	Urbana	GRAD	LibSci	U		I II
Nelson, Mercedes Bernice, B.S.	Fargo, N.Dak.	LAS	EOccTher	Irr		II
Nelson, Nina Jeanette	Granite City	LAS	Genl	So		I II
Nelson, Phyllis Louise	Kingston	LAS	Genl	Sr		S I II
Nelson, Raymond Leon	Springfield	LAS	Genl	Fr		I II
Nelson, Ruth Linnea	Chicago	LAS	Genl	Fr		I II
Nelson, Walter Irwin, Jr.	Galva	ENG	ME	Fr		I II
Nepras, Joseph Thomas	Bellwood	UGRAD	EM			II
Nesbitt, Nancy Louise	Pinckneyville	COM	UD	Sr		I II
Nesbitt, Robert Douglas	Champaign	MED	Med	4	Sp	S F W
Nesheim, Martha Jeanette	Rochelle	EDUC	Genl	Sr		S
Nesheim, Ruth Sena, B.S.	Rochelle	AGR	HEcon	Sr		S
Nesmith, Thelma Mae, B.S.	Urbana	COM	UD	Sr		S
Nesteruk, Walter Michael	Chicago	ENG	ME	So		I II
Nestorides, Dan Efstathios	Chicago	LAS	Genl	Fr		II
Netherton, Clifford Leroy, B.Ed.	Chicago	GRAD	Educ	EM		I
Netter, Adele Elizabeth	Far Rockaway, N.Y.	LAS	Genl	Fr		I II
Neubauer, Joyce Jeannette	Hinckley	LAS	Genl	So		I II
Neuberg, Howard Gustave	Chicago	LAS	PLaw	Fr		II
Neuberger, Thomas Abraham	Barry	LAS	Genl	Fr		I II
Neufeld, Gwendolyn Gertrude	Chicago	LAS	Genl	Jr		II
Neufeldt, James Henry	Chicago	PE	PE	Fr		S I II
Neuhoff, Alice Eleanor, B.S.	Belleville	GRAD	Educ	EM		S I
Neumann, Bette Lucille	Urbana	LAS	DGS	Jr		S I
Neumann, Heinz Gunter	Peoria	LAS	Genl	Fr		I II
Neumann, Minnie Ives	Springfield	UGRAD	EM			I
Neustadt, Janet Rose	Evansville, Ind.	LAS	Genl	So		I II
Neustadt, Joan Theres	Ardmore, Okla.	LAS	Genl	So		I II
Nevels, Margaret Lucinda	Yardville	AGR	HEcon	Jr		I II
Neville, Charlotte Evelyn	Champaign	AGR	HEcon	So		S I II
Neville, Harriet Edith, B.S.	Champaign	LAS	Genl	Sr		S
Neville, Mary Ellen	Cairo	LAS	OccTher	So		S I II
Nevin, William Charles	Springfield	LAS	Genl	So		I
Newberg, Ray Walter	Chicago	ENG	ME	Fr		I II
Newberger, Curtis	Chicago	ENG	AeroE	Fr		I II
Newberry, Lois Betty	Chicago	AGR	HEcon	Jr		I II
Newburn, Mary Louise	Annawan	AGR	HEcon	Fr		I II
Newby, Dorothy Helen	Bushnell	AGR	HEcon	Fr		I II
Newby, Harley Dore, A.B., M.D.	Rapid City, S.Dak.	MED	Laryng	PG		W
Newcomb, Ruth Craigie, A.B., Lib.Cert.	Urbana	GRAD	LibSci	U		I II
Newlin, David Ralph	Robinson	FAA	Art	Fr		II
Newman, Annette Lucille	Chicago	LAS	PMed	Fr		I II
Newman, Charles Cox	Ridgefarm	GRAD	Educ	U		I II
Newman, Edward Arthur, B.S.	Chicago	MED	Med	4	Sp	S F
Newman, Elizabeth, Ph.B.	Jacksonville	GRAD	Educ	EM		S I
Newman, Maxine	Granite City	LAS	DGS	Fr		I II
Newman, Natalie Selma	Chicago	LAS	Genl	Fr		I II
Newman, Ruth Barbara	Chicago	LAS	Genl	Fr		I II
Newmark, Herbert Leonard	North Plainfield, N.J.	ENG	CE	Sr		S
Newquist, Edson Carl	Moline	FAA	Art	Jr		S I II
Newton, Caroline Francis	Coal Valley	LAS	Genl	Jr		II
Newton, Yvonne Eileen	Elburn	PE	Genl	Fr		I II
Nicewander, Marie Colleen	Loda	PE	PE	Fr		II
Nicholas, Constance, A.B., A.M.	Springfield	GRAD	Educ	U		I II
Nicholas, Daniel Judd	Rockford	LAS	ChEng	Fr		I II
Nichols, David Curran	River Forest	LAS	Genl	Fr		I II
Nichols, Everette Cassell, B.Ed., A.M.	Roberts	GRAD	Educ	U		S I II
Nichols, Ira Goodsell, Jr., A.B., B.S.	Champaign	MED	Med	4	Sp	S F
Nicholson, Margaret Marie	Champaign	LAS	Genl	Fr		I II
Nicholson, Mary Lee	Fairfield	AGR	HEcon	Jr		I
Nicholson, Mildred Millicent	Toulon	LAS	Genl	Fr		S I
Nicholson, Paul William	Coal City	MED	Med	2	Sp	S F W
Nickell, Gloria Patricia	Bondville	LAS	Genl	Fr		I

Nickelson, Phyllis Ann	Chicago	LAS	DGS	Fr	I	II
Nicklaus, Barbara Anne	Chicago	LAS	Genl	So	I	II
Nickolls, Frances Elizabeth	Melrose, Mass.	LAS	Genl	Jr	I	II
Nicol, Mary Louise	Springfield	UGRAD		EM	I	II
Nicolopoulos, Nicholas	Chicago	PHARM	Pharm	1	S	F
Nielsen, Carol Grace, A.B.	Kenosha, Wis.	GRAD	Engl	U	I	II
Nielsen, Helen Marie, B.S.	Oak Park	COM	UD	Sr	S	
Nielsen, John Donald	Whiting, Ind.	LAS	ChEng	Fr	I	II
Nieman, Hubert William	Harvard	ENG	CE	Sr	I	II
Niemeyer, Robert Henry	Melrose Park	UGRAD		EM	I	II
Nienow, Inez Amanda, B.S., M.S.	Hartland, Wis.	GRAD	Bact	U	I	II
Nierenberg, Marvin	Chicago	MED	Med	4	Sp	S
Nierman, Robert Ira	Chicago	COM	LD	Fr	I	
Nightingale, Eugene Richard, Jr.	Champaign	LAS	ChEng	Fr	I	
Nihan, Charles Patrick, B.Ed.	Belvidere	GRAD	Educ	EM	I	
Nihan, Mary Jean	Gary, Ind.	LAS	Genl	So	I	II
Nihan, Robert Cullen, B.S.	Gary, Ind.	LAW	Law	3	S	I
Niles, Virginia Edith, B.S.	Hartland, Wis.	MED	EOccTher	Irr	I	W
Nilsson, Harriett Holcomb	Tuscola	LAS	Genl	Jr	I	
Nimitz, Ruth Williamina, A.B., B.S.	Sioux Falls, S.Dak.	GRAD	LibSci	U	I	II
Nipe, Luverta	Mt. Carroll	JNL	Jnl	Jr	S	I
Nissen, Hans	Chicago	UGRAD		EM	I	II
Niswender, Dana Wilson, Ph.B., A.M.	Lake Forest	GRAD	Educ	EM	I	
Nitsche, Phyllis Jean	Waukegan	LAS	Genl	Fr	I	II
Nixon, Charles William	Carlinville	LAS	Genl	So	S	I
Nixon, June Louise	Alton	LAS	PMed	Fr	I	
Nobe, Mutsumi, Ph.C., B.S.	Amache, Colo.	GRAD	Chem	C	Sp	S
Noble, Charles Leslie, B.S.	Summer, Mo.	AGR	Genl	Irr	S	F
Noble, John Henry	Springfield	MED	Med	2	Sp	S
Noble, Margaret Isabelle, A.B., B.S., A.M.	Muscatine, Iowa	GRAD	LibSci	U	S	
Noble, Mildred Irene	Chicago	LAS	Genl	Sr	I	II
Noble, Myrna Eloise	Wilmington	AGR	HEcon	Fr	I	II
Noble, Nancy	Danville	COM	LD	So	I	II
Noble, Shirley Anne	Champaign	LAS	DGS	So	I	II
Nobler, Lucille	Chicago	LAS	PMed	Jr	S	I
Nodell, Paul Howard	Richmond Hill, N.Y.	UGRAD		EM	I	II
Nodine, Doris Eulalia	Dixon	LAS	Genl	Sr	I	II
Noftz, Mildred Louise	Champaign	AGR	HEcon	Fr	I	II
Noggle, Glenn Ray, A.B., M.S.	Urbana	GRAD	Bot	U	S	I
Nolan, Cecelia Ruth	Springfield	UGRAD		EM	I	II
Nolan, Joan Louise	Waukegan	LAS	Genl	So	I	II
Nolan, Kenneth Smith, A.B.	Wheaton	MED	Med	4	Sp	S
Nolan, Leo Vincent, A.B.	Champaign	GRAD	Hist	U	I	II
Nolen, Betty Lou	Indianapolis, Ind.	FAA	Art	Sr	I	II
Nolen, Oradel	Decatur	LAS	Genl	So	I	II
Nolen, Robert Kenneth	Chicago	ENG	ME	Fr	I	II
Noling, Patricia Anne	Rockford	LAS	HEcon	Jr	I	II
Noll, Leland Eugene	Waukegan	MED	Med	2	Sp	S
Noll, Marie Evelyn, B.S.	Waukegan	EDUC	Genl	Sr	S	
Noonan, Margaret Patricia	La Salle	JNL	Jnl	Jr	I	II
Noonan, Nancy Hay	Springfield	LAS	Genl	Fr	I	II
Nopar, Alvin Laurence	Chicago	FAA	ArchE	Fr	S	
Noppenberger, John A., B.S.	Peoria	GRAD	PE	EM	S	I
Norbeck, Norris Walfred	Rockford	LAS	PLaw	Fr	I	II
Norberg, Betty Noreen	Rockford	JNL	EJnl	So	I	II
Norbut, Alexander John, A.B.	Westville	MED	Med	1	I	W
Nord, Stanley Kay, B.S.	Bloomington	MED	Med	3	Sp	S
Nordboe, Eriene Frances	Chicago	PE	PE	Jr	I	II
Nordquist, Paul Winston, A.B., B.S.	Fargo, N.Dak.	MED	Med	3	I	W
Nordstrom, Gerald Leslie, B.S.	Bishop Hill	LAW	Law	1	S	I
Noren, Robert John, Jr.	Chicago	COM	LD	Fr	I	II
Norman, Nelson Francis, A.B., A.M.	Urbana	GRAD	Hist	U	I	II
Norrell, Virginia Marie, A.B.	Wheaton	GRAD	OralPath	C	Sp	S
Norris, Darl Jean Sherman	Decatur	LAS	Genl	So	I	II
Norris, Elsie Irene, B.S.	Sugar Grove	GRAD	Educ	U	S	
Norris, Helen Louise, A.B., B.S.	Abingdon	GRAD	LibSci	U	I	II
North, Ira Luts, A.B.	Urbana	GRAD	Speech	U	I	
North, Paulita	El Paso	LAS	Genl	So	I	II
Northam, Mary Kathryn	Chicago	LAS	PJnl	So	I	II
Norton, Betty Louise	Chicago	FAA	Art	Fr	I	
Norton, Esther Marie	Champaign	LAS	Genl	Fr	I	II
Norton, Lois Mary, B.Mus.	Danville	GRAD	Mus	EM	I	II
Nortrup, Lawrence Weir	La Harpe	COM	LD	So	S	I
Norvell, Stevens Thompson, Jr.	Western Springs	MED	Med	2	Sp	S
Noskin, Jerome Harold	Chicago	DENT	Dent	2	Sp	S
Notthdurft, Lila Pearl	Taylorville	LAS	Genl	So	I	II
Nothnagel, Fred Albert	Chicago	UGRAD		EM	I	II
Noto, Joseph	Chicago	DENT	Dent	2	Sp	S
Nourie, Wyona Marie	Donovan	COM	LD	Fr	I	II
Novack, Annette Hannah	East St. Louis	LAS	Genl	So	I	
Novack, Norman	East St. Louis	LAS	Genl	Jr	S	I
Novack, Shirley Claire	East St. Louis	LAS	PJnl	Fr	I	II
Novak, Clarence George, B.S.	Berwyn	MED	Med	4	Sp	S
Novak, Emily	Peru	LAS	Genl	So	I	II
Novak, Marie Chmiel	Chicago	COM	LD	So	I	
Novak, Norman Leo	Chicago	COM	LD	Fr	I	

Novak, Sidney Irving	Chicago	PE	PE	Fr	S			
Novalich, Miriam Mary	Chicago	LAS	Genl	Fr		I	II	
Nover, Laynor Beth	Saginaw, Mich.	LAS	Genl	Fr		I		
Novitsky, Gloria Phyllis	Stoux City, Iowa	AGR	HEcon	Jr				
Novotny, Donald	Berwyn	LAS	PLaw	Fr	S			
Novy, Paul Henry	Chicago	LAS	Genl	Jr			II	
Nowaczyk, Edward Anton	Cicero	ENG	EE	So		S	I	II
Nowak, Irene Catherine	Chicago	PHARM	Pharm	3	Sp	S	F	W
Nowak, Stanley Joseph	Chicago	FAA	Arch	Fr			I	II
Nowakowski, LaVerne Antoinette	Chicago	LAS	Genl	Fr			I	II
Nowell, Vera Irene	Mt. Carmel	LAS	HEcon	Fr			I	
Nuby, Florence Mae	Bellevue, Ohio	LAS	Genl	Jr			I	II
Nudelman, Melvin David, B.S.	Chicago	MED	Med	4	Sp	S	F	
Nufer, Ralph John	Elgin	COM	LD	So		S	I	II
Nunn, Virginia, B.S., A.M.	Milwaukee, Wis.	MED	Med	3	Sp	S	F	W
Nusinow, Bernard	Chicago	LAS	Genl	Jr			I	II
Nusser, Louis C.	Chicago	UGRAD	EM				I	II
Nuttall, Marjory Jane	Springfield	LAS	Genl	So			I	
Nye, JoAnn Marilyn	Oscos	COM	LD	Fr			I	II
Nyman, Randall Day, A.B.	Rockford	MED	Med	4	Sp	S	F	
Nyman, William Axel	Elmwood Park	LAS	Genl	Fr			II	
Nyman, William Bridges	Chicago	ENG	ME	Fr			II	
Oakes, Gloria Lois	Champaign	LAS	PJnl	Fr			I	II
Oakes, Virginia Bertha	Chicago	LAS	Genl	Fr			I	II
O'Banion, John William	Garland, Tex.	UGRAD	EM				II	
O'Beirne, Agnes	Tolono	EDUC	Genl	Jr			I	II
Oberfranc, Joseph	Oak Park	FAA	Arch	So			I	II
O'Brien, Alice Luella	Urbana	EDUC	Genl	Sr		S	I	II
O'Brien, John Charles, A.B., B.S.	Dickinson, N.Dak.	MED	Med	4	Sp	S	F	
O'Brien, John Joseph, B.S.	Chicago	MED	Med	4	Sp	S	F	W
O'Brien, Marguerite Mary	Oak Park	LAS	HEcon	Fr			I	II
O'Byrne, Kathryn Jane	Champaign	LAS	Genl	Fr			I	II
O'Byrne, Nell Ruth	Champaign	COM	UD	Jr		S	I	
O'Byrne, Sharon Mildred	Oak Park	LAS	Genl	Fr			I	
Ocasta, Jose	Chicago	UGRAD	EM				I	II
O'Connell, Frances Marion, B.S.	Forest Park	EDUC	Genl	Sr		S		
O'Connor, Burton Leemoina, A.B., A.M.	Normal	GRAD	Educ	U			I	II
O'Connor, Jeffrey Anthony, A.B.	Chicago	MED	Med	3	Sp	S	F	W
O'Connor, John A., B.S.	Urbana	GRAD	MusEd	U			I	II
O'Connor, Lois Lola	Chicago	LAS	PLaw	Jr		S		
O'Connor, Mary Evangeline, B.S., M.S.	Crystal Lake	GRAD	PE	U		S		
Odell, Russell Turner, B.S., M.S.	Champaign	GRAD	Agron	U			I	II
Odell, Ruth Ann	Urbana	LAS	DGS	Jr			I	II
Oden, Lewis Manley	Alton	ENG	EE	So			I	II
O'Donnell, Margaret Ellen	Champaign	ENG	Genl	Fr			I	II
O'Donnell, Mary Kathleen, B.S.	Chicago	GRAD	Bact	C			W	
O'Donnell, Richard Martin	Chicago	UGRAD	EM				II	
Odum, Katherine Beulah	West Frankfort	COM	UD	Jr			II	
Oesterling, Jessemae N.	Urbana	LAS	Genl	Jr			I	II
Oetzl, Irene Esther	Prophetstown	LAS	Genl	Fr			I	II
Offenbacher, Floyd Ross, A.B., B.S.	Urbana	GRAD	PolSci	U		S		
Offenstein, Iva Jean	St. Joseph	COM	LD	Fr			I	
Office, Audrey Hope	Dayton, Ohio	LAS	Genl	Sr		S	I	II
Ofner, Flora Ann	Zion	PE	PE	So			I	II
Oft, Melvin Harold	Harvey	LAS	Genl	Fr			I	
Ogan, Annabel Lee	Danville	LAS	Genl	Sr			I	II
Ogata, Masami Samuel	Grand Junction, Colo.	LAS	PMed	Jr			I	II
Ogawa, Mitsulu	Chicago	LAS	Genl	Jr			I	II
Ogden, James Armstead	Olney	ENG	ME	U		S	I	II
Ogden, Phyllis White, A.B.	Naperville	GRAD	Span	U		S	I	II
Ogden, Willis Limle, B.S.	Champaign	GRAD	SanE	U		S		
Ogg, James Bruce, B.S., A.M.	Springfield	GRAD	PolSci	EM			I	II
Ohler, Edwin Allen, B.S., M.S.	Emmitsburg, Md.	GRAD	Physiol	C	Sp	S	F	W
Ohlsen, Charles Edward	Wheaton	LAS	Genl	Fr			II	
Oksendahl, Ruth Jeanette	Chicago	AGR	HEcon	Jr			I	II
Olbrich, Janice Mae	East St. Louis	LAS	Genl	So			I	II
Oldendorph, Ethel May	Belleville	LAS	Genl	Sr		S	I	II
Oldham, Rita Marie	Granite City	LAS	Genl	So			I	II
Oldham, Robert Lee Hart, B.S.	East Lynn	GRAD	Educ	U		S	I	II
O'Leary, Edwin John, B.S.	Winchester	GRAD	Educ	U		S	I	II
O'Leary, John Joseph	Chicago	PHARM	Pharm	1		S	F	W
O'Leary, Marilane	Rochester, N.Y.	LAS	Genl	Fr			I	II
O'Leary, Norman John	Oak Lawn	UGRAD	EM				II	
Oliver, Earl Lester, B.Ed., A.M.	Chicago	GRAD	Engl	U			I	II
Oliver, Elizabeth Posegate, B.Ed.	Springfield	GRAD	Educ	EM			I	II
Oliver, George Anne	Champaign	LAS	Genl	Jr		S		
Oliver, Marian Mae	Escanaba, Mich.	EDUC	Genl	Fr			II	
Oliver, Steve	Chicago	UGRAD	EM				II	
Ollhoff, Francis Anthony	St. Louis, Mo.	UGRAD	EM				II	
Olmstead, Edwin Guy, A.B., B.S.	Enderlin, N.Dak.	MED	Med	4	Sp	S	F	W
Olmstead, Eleanor Gertrude	Danville	LAS	PJnl	Fr		S		
Olsen, Keith Eldon	Springfield	DENT	Dent	3	Sp	S	F	W
Olsen, Gordon John	Staten Island, N.Y.	UGRAD	EM				II	
Olsen, Hugh Henry	Waukegan	ENG	ME	Fr			I	II
Olshansky, Harold Morton	Chicago	COM	LD	Fr			I	II
Olshonsky, Sanford Jerome	Chicago	LAS	PMed	Fr		S		

Olson, Archie, B.S., M.D.	Duluth, Minn.	MED	Otolaryn	PG					W
Olson, Carl Emil	Chicago	MED	Med	2	Sp	S	F	W	
Olson, Clara Marie Louise	Highland Park	LAS	Genl	So					I II
Olson, Florence Marie	La Grange	LAS	Genl	Sr					I II
Olson, Jacqueline Estelle	Chicago	LAS	Genl	Jr		S	I	II	
Olson, James Allan	Chicago	AGR	Genl	Fr					I II
Olson, Josephine K.	Springfield	UGRAD		EM					II
Olson, Lowell Ellis	Chicago	EDUC	Genl	Sr		S	I		
Olson, Mary Lou	North Henderson	LAS	Genl	Fr					I
Olson, Paul Richard	Rockford	LAS	Genl	Fr					I II
Olson, Raymond Willard	Chicago	ENG	ME	Fr					I II
Olson, Ruby Eleanor	Altona	AGR	HEcon	Fr					I II
Olson, Virginia Archer	Sandoval	AGR	HEcon	Sr					I II
Olson, Warren Henning, B.S.	Chicago	ENG	ME	Sr		S			
Olson, Wilfred Roland, B.S.	Auburn, Wash.	MED	Med	4	Sp	S	F		
Oitman, Doris Louise	Chenoa	AGR	HEcon	Fr					I II
O'Malis, Eunice Martha, B.S.	Pecatonica	GRAD	Educ	EM					II
O'Malley, Francis Gordon	Sterling	COM	LD	Fr					I
O'Malley, James L., B.Ed.	Urbana	UGRAD	Educ	U		S			
Oman, Robert David	Chicago	UGRAD		EM					II
O'Melia, Dolores Jean	Rock Island	LAS	Genl	So					II
Omens, Herbert C.	Chicago	DENT	Dent	3	Sp	S	F	W	
Ondrejoin, Mildred Elizabeth	Chicago	FAA	Art	Fr					I II
O'Neal, George Henry, Jr.	Rockford	ENG	EE	Fr					I II
O'Neal, James Edward	Ozark	LAS	Genl	Fr					I II
O'Neal, Mary Lindsay, B.Ed.	Prairie City	GRAD	Educ	U		S			
O'Neil, Peggy Grace	Homer	LAS	Genl	So					I II
Ongman, Edward Earl	Chicago	LAS	PDent	Fr		S	I		
O'Niell, Gwendolyn Marie	Lockport	LAS	Genl	Sr		S	I		
Onufrak, John J.	Simpson, Pa.	UGRAD		EM					II
Opp, Jacquelyn Claire	Collinsville	LAS	Genl	Fr					I II
Oppegard, Alfred Lester, A.B.	Urbana	GRAD	Chem	U		S			
Oppegard, Rosemary Rolens	Springfield	AGR	HEcon	Sr		S	I		
Orcutt, Ernest Eugene	Chicago	AGR	Flor	Fr					I II
Ordman, Ralph	Lemont	COM	LD	So		S	I	II	
Orenstein, Gloria Beth	Chicago	LAS	Genl	Fr					I II
Orenstein, Herbert Eugene	Mattoon	LAS	Genl	Fr					I II
Orenstein, Mildred Estelle	Mattoon	LAS	Genl	Sr					I II
Orkin, Bernice Sylvia	Atlanta, Ga.	LAS	DGS	Fr					I II
Orlandi, Albert	Elmwood Park	UGRAD		EM					II
Orloff, Marshall Jerome	Chicago	LAS	PMed	Fr					II
Orlove, Alan Henry	Chicago	LAS	PMed	Fr					II
Ormsbee, Allen Ives	Alexandria, Va.	ENG	AeroE	Jr					I II
O'Rourke, Anne Agnes	Zeigler	GRAD	Engl	U					I II
Orr, Frederick Andrew	Granite City	GRAD	Physics	U		S			
Orr, John Michael	Taylorville	PE	PE	So		S	I	II	
Orr, Kenneth William	Norris City	ENG	Genl	Fr					I II
Orr, Paul, B.Ed.	Anchor	GRAD	Educ	U					I
Orther, Marion Lois	Chicago	LAS	Genl	Fr					II
Ortiz, Manuel Higinio, B.S., D.D.S.	Guatemala, Central America	GRAD	Orthod	C		S	F	W	
Osborn, Anna Kathryn	Sumner	LAS	Genl	Fr					I II
Osborne, John Vincent	Elmhurst	MED	Med	2	Sp	S	F	W	
Osborne, Joyce Lucerne	Heyworth	LAS	Genl	So					I II
Osborne, Zelda Leigh, A.B., B.S.	Houston, Tex.	GRAD	LibSci	U					I II
Osgood, Bessie Genevieve, A.B., B.S., M.S.	Milford	GRAD	Chem	C		S	W		
Osher, Marilyn June	Maywood	LAS	Genl	So					I II
Osoff, Rosell	Omaha, Nebr.	LAS	Genl	Jr					I II
Ostby, Jeanne Alice	Brookfield	LAS	PJnl	So					I II
Ostby, Paul Charles	Brookfield	AGR	Genl	Fr					II
Oster, Ellis, A.B., B.S.	Beulah, N.Dak.	MED	Med	3					W
Ostroff, Milton Merrels	Detroit, Mich.	MED	Med	1					W
Ostrom, Helen Ann, A.B.	Chicago	LAS	Genl	Sr		S			
Ostrom, Marie Agnes	Princeville	LAS	Genl	So					I II
Ostroth, Donald Delbert, A.B.	Champaign	GRAD	Engl	U					I
Ostrowsky, Muriel	Far Rockaway, N.Y.	LAS	Genl	Fr					I II
Ott, Wanda Jeanne	Urbana	LAS	DGS	Fr					I
Otten, Mary Jane, B.S.	Springfield	MED	Med	1		S			W
Ottinger, Marjorie Louise	Toledo, Ohio	LAS	PJnl	Fr					I II
Ourada, Maxine Harriet	Streator	LAS	Genl	So					I II
Ovresat, Elizabeth Marie	Chicago	LAS	Genl	Jr					I II
Owen, Ruth Elizabeth	Elgin	LAS	Genl	Sr					I II
Owens, Beverly Jane	Coral Gables, Fla.	LAS	Genl	So					I
Owens, Emma Patricia	Elgin	JNL	Jnl	Sr					I II
Owens, Leonard Lemard	Mound City	GRAD	Educ	EM					I
Owens, Ruby Lillian	Highland, Ind.	LAS	Genl	Fr					II
Oyer, Russell Leroy, A.B.	Congerville	MED	Med	4	Sp	S	F	W	
Ozacar, Irfan Mehmet	Urbana	ENG	ME	Fr					I II
Ozeran, Bernice	Chicago	LAS	Genl	Fr					II
Ozier, Mary Elnora	Lovington	AGR	HEcon	Sr		S	I		
Ozier, Mervyn Watts	Champaign	FAA	Arch	Fr					II
Ozyurt, Muhittin	Istanbul, Turkey	ENG	CE	Sr		S	I	II	
Pabich, Elaine Florence	Chicago	LAS	Chem	Jr					I II
Pace, Ruth Liberman, A.B.	Chicago	LAW	Law						II
Pacelli, Frank Timothy	Chicago	LAS	Genl	Fr					I II
Pacini, Ralph, Jr.	Elmwood Park	MED	Med	2	Sp	S	F	W	

Packard, Jack Wayne	Freeport	ENG	Genl	Fr	S	I	
Packer, Walter Harrison	Homestead, Pa.	UGRAD		EM			II
Paciorka, Clarence Michael	Chicago	PHARM	Pharm	1	Sp	S	F W
Padden, Leslie E.	Chicago	UGRAD		EM			II
Paddor, Harold Stantin	Chicago	COM	LD	So	S	I	II
Padrta, Bonnie Jean	Chicago	LAS	Genl	Fr			II
Paeth, William	Chicago	UGRAD		EM			II
Pagac, Ellenore Blanche	Chicago	LAS	Genl	So			II
Page, Donald Norman	Chicago	COM	LD	Fr			II
Page, Russell Duff	Du Quoin	JNL	EJnl	Fr			1
Pagliarulo, Gloria Suzanne	Wilmette	LAS	Genl	So			II
Painter, Alberta Jeanne	Champaign	FAA	Art	So	S	I	II
Pais, Marion David	Granite City	FAA	Mus	Fr			II
Paiss, Harold	Philadelphia, Pa.	LAS	Genl	Fr			II
Palacz, Sylvester Francis	Peoria			Unc	S		
Palecek, Catherine Celia	Collinsville	LAS	DGS	So			II
Palis, Charles Albert	East St. Louis	LAS	Genl	So	S	I	II
Pallanck, Alice Ann, B.S.	Aurora, Minn.	MED	EOccTher	Irr			1 W
Palleria, Edmund Joseph	Hamden, Conn.	PE	PE	Fr			1
Palman, Ina Ruth	Chicago	EDUC	Genl	Jr			II
Palmer, Clayton Russel	Newberg, Ore.	UGRAD		EM			II
Palmer, Howard	Columbia	PE	PE	Fr			1
Palmer, Joseph Edward	Rantoul	LAS	Genl	So			II
Palmer, Russell Harold, B.S.	Morrisville, Pa.	DENT	Dent	1			W
Palmer, Wilda Eileen	East St. Louis	LAS	Genl	Jr	S	I	II
Paloucek, Frank Paul	Chicago	MED	Med	2	Sp	S	F W
Paluga, Edward Martin	Chicago	ENG	Genl	Fr			II
Pampel, Harriet Fay	Graymont	JNL	Jnl	Sr			II
Pan, Yu Pu, B.S.	Chungking, China	GRAD	Econ	U			II
Pandolfo, Peter	Chicago	LAS	PMed	Fr			II
Panknin, Roy	Chicago	UGRAD		EM			II
Pantone, Anton Marc, B.S.	Chicago	MED	Med	4	Sp	S	F W
Paoli, Charles Carl	Chicago	UGRAD		EM			II
Papilli, John S.	Chicago	UGRAD		EM			II
Paprocki, Edward John	Chicago	PE	PE	Sr			II
Paradise, Dorothy Emma	Chicago	LAS	Genl	So			II
Parham, William Eugene, B.S., M.S.	Dallas, Tex.	GRAD	Chem	U	S	I	II
Parish, Lucy Eleanor	Decatur	AGR	HEcon	Fr			II
Park, Glen Ingram	Chicago	LAS	Genl	Jr			II
Park, Helen Jane, A.B.	Rock Island	GRAD	Educ	U	S		
Park, Leona Elizabeth	Flanagan	LAS	Educ	Fr	S		
Park, Matilda Harmena	Urbana	GRAD	Educ	U			II
Park, Rose Richards	Chicago	LAS	Genl	Jr			II
Parke, Kathryn Emma, A.B., B.S.	Fairport, N.Y.	GRAD	LibSci	U			II
Parker, James Allen, B.Ed.	Cropsey	LAS	Genl	Irr			I
Parker, Leonard Edwin, Jr.	Peoria	LAW	Law	1			II
Parker, Lillian Mae	Hanover	LAS	Chem	Fr			II
Parker, Patricia Cecelia	Chicago	FAA	Art	Jr			II
Parker, Paul Patrick	Columbus, Ohio	MED	Med	1			W
Parker, William Axel	Paxton	Educ	Genl	Sr			II
Parker, Vincent Arnold	Chicago	UGRAD		EM			II
Parkerson, Lauralynn	Springfield	FAA	Mus	Sr			II
Parkes, Betty Ann	Pleasant Plains	AGR	HEcon	Sr			II
Parks, Keith Mason	Greenfield	AGR	Genl	Fr			II
Parks, Lucille Irene	Pearl	COM	LD	Fr			II
Parks, Ronald Ray	Harrisburg	COM	UD	So			II
Parks, Thomas David, B.S.	Urbana	GRAD	Chem	U	S	I	
Parks, Ward	Lincoln	LAS	PMed	Fr			I
Parmele, Walter Giles, A.B.	Martinton	GRAD	Educ	U			II
Parmerter, Stanley Marshall, B.S., M.S., Ph.D.	Urbana	GRAD	Chem	U	S		
Parr, Ralph Leon	Oblong	ENG	EE	Fr			I
Parrott, Betty Anne	Villa Park	COM	UD	Jr			II
Parry, Clayton Allen, Jr.	Mt. Carmel, Pa.	UGRAD		EM			II
Parry, Muriel Hope	New York, N.Y.	LAS	Genl	Sr	S	I	II
Parry, Robert Walter, B.S., M.S.	Urbana	GRAD	Chem	U	S	I	II
Parsons, Doris Caroline	Fairfield, Conn.	PE	PE	Fr			II
Pasternak, Raphael Anthony	Chicago	ENG	CE	So			II
Pastnack, George Louis	Chicago	MED	Med	4	Sp	S	F
Patch, Patsy Miriam	East St. Louis	LAS	PJnl	Fr			II
Patchett, Eugene Allen	Dwight	AGR	Voc	Fr			II
Pathman, Harold Leon	Chicago	ENG	ME	Sr	S	I	II
Patrick, Esther Louise	Colfax	AGR	HEcon	Fr			II
Patrick, Loran Blaine	Hammond	AGR	Voc	Fr			II
Patrovsky, Joseph James	Antioch	COM	LD	Fr			II
Patterson, Bette Jane, A.B., B.S., A.M.	Decatur	GRAD	LibSci	U	S		
Patterson, Joanne Elizabeth	Decatur	LAS	Genl	Sr			II
Patterson, John Hayden	Canton	MED	Med	2	Sp	S	F W
Patterson, Millicent Dolores Ann	Champaign	LAS	Genl	Fr			II
Patterson, Nancy Elizabeth	Chicago	AGR	HEcon	So			II
Patterson, Paul Lawrence	Aurora	PE	PE	Fr			I
Patterson, Ruth Catherine	Chicago	COM	LD	Fr			II
Pattison, Rose Irene, B.S.	Alexis	GRAD	HEcon	U			II
Patton, Denver Stuart, Jr.	Salem	ENG	CE	Fr	S		
Patton, Edna Betty	Chicago Heights	LAS	Genl	So			II

Patton, James Smith, A.B., B.J.	Urbana	GRAD	Soc	U		I	II
Patton, Patricia Ann	Clarence	AGR	HEcon	Sr		S	I II
Paul, Donald Edward	Alton	LAS	Chem	Fr			II
Paul, Donald Lee, B.Ed., A.M.	Crete	GRAD	Soc	U		S	
Paul, Elsa Mildred	Bridgeton, N.J.	LAS	Genl	So		I	II
Paul, Melvin Jacob, B.Ed.	Collinsville	UGRAD	Educ	U		S	
Paull, Alphonse L.	Chicago	UGRAD		EM			II
Paulos, Nick Stephen	Gary, Ind.	DSSWV		So		I	II
Pavlik, Dorothy Eugenia Elizabeth	Waukegan	AGR	HEcon	Fr			I
Pawlicki, Stanley Joseph, B.S.	Chicago	GRAD	Educ	U		S	
Pawlish, Joseph Henry	Chicago	LAS	Genl	Sr		S	I II
Pawlowski, Louise Helen	Chicago	LAS	PJnl	Fr			II
Pawlowski, Stanley	Chicago	UGRAD		EM			II
Paxmino, Augustin Eduardo	Guayaquil, Ecuador, South America	FAA	Arch	So			II
Paxton, Doyle Eugene	Georgetown	LAS	Genl	Sr		I	II
Payne, Mary Mills, B.S., B.Mus.	Urbana	GRAD	Mus	U		S	
Paynter, Camen R.	Plankinton, S.Dak.	MED	Med	3	Sp	S	F W
Pazin, Vilma Mary	Chicago	PE	PE	Fr			I II
Peacock, James Christopher, A.B.	Virden	DENT	Dent	4	Sp	S	F W
Pearce, Catherine Anne, A.B., B.S.	Picton, Ontario, Canada	GRAD	LibSci	U		I	II
Pearcy, Richard Ruskins, Jr.	Memphis, Tenn.	FAA	Arch	Fr			I
Pearl, Mildred Clara	LAS	Genl	Fr			I	II
Pearson, Belva Arlene	Roseville	LAS	PMed	So		S	I II
Pearson, Charles Edwin, B.Ed., M.S.	Decatur	GRAD	Educ	U		S	
Pearson, Elwood Marshall	Taylorville	AGR	Genl	Fr			I
Pearson, Robert Lincoln	Sharpsburg	ENG	CE	Fr		S	I
Peaslee, Walter Hawkes	Oak Park	LAS	Chem	Fr			I II
Pecker, Edwin Albert	New York, N.Y.	UGRAD		EM			II
Pecora, Joseph Samuel, A.B.	Rochester, N.Y.	MED	Med	4	Sp	S	F W
Pedersen, Elwood Francis	West Chicago	FAA	ArchEng	Fr		I	II
Peebles, Marian Winifred	Carlisle	AGR	HEcon	Jr			I II
Peel, Elizabeth Wilson, A.B.	Detroit, Mich.	GRAD	Chem	U			I
Peel, Spencer M.	Braintree, Mass.	UGRAD		EM			II
Peine, Morris Eugene	Minier	COM	LD	So			I II
Pellegrinelli, George Loub	New York, N.Y.	UGRAD		EM			II
Pelletier, Shirley William	Kankakee	LAS	ChEng	Sr		S	
Pemberton, Frederick Arthur	Mt. Vernon	FAA	Arch	Fr		S	I
Penefsky, Morris	Chicago	DENT	Dent	3	Sp	S	F W
Penfield, Carolyn Jane	Chicago	AGR	HEcon	Fr			I II
Peng, Ke Ming, B.S., M.S.	Tsinhsien, Hopei, China	GRAD	Agron	U		I	II
Penn, Ira	Chicago	LAS	Genl	Fr			II
Penn, Roger Travis	Brownwood, Tex.	UGRAD		EM			II
Penner, Sterra Rosalyn	Youngstown, Ohio	LAS	Genl	Jr			II
Pennypacker, Kendall Swartz, A.B.	Lake Forest	GRAD	Educ	EM			I
Percy, Archibald Edward, M.D.	Alexandria, La.	MED	Laryng	PG			F
Perel, William Morris	Whiting, Ind.	LAS	Genl	Fr			I
Peregut, Eleanor Helen	Chicago	LAS	Genl	Fr		I	II
Perez, Eduardo R., M.D.	Guayama, Puerto Rico	MED	Laryng	PG			F
Pergrem, Ann Augusta Holper, B.S.	Urbana	GRAD	Educ	U		S	I II
Perisich, Bernice	Chicago	LAS	DGS	So			I II
Perisich, Hermina	Chicago	JNL	Jnl	Jr			I II
Perkins, Clyde Mathew	St. Clair Shores, Mich.	PE	PE	So			I II
Perkins, Margie Ann	Chicago	COM	LD	So			I II
Perkins, Marian	Monticello	LAS	Chem	Jr		S	II
Perkins, Maxwell Bernard	Chicago	MED	Med	3	Sp	S	F W
Perkowski, Sigismund Stanislaus	Chicago	LAS	Genl	Sr		S	I II
Perlin, Naomi Jean	Chicago	LAS	Genl	Fr			I II
Perlman, Gussie	Chicago	LAS	Genl	Fr		S	I
Perlman, Jerome	Chicago	LAS	Genl	Fr			II
Perlman, Joan	Cleveland Heights, Ohio	LAS	Genl	So			I II
Perlmutter, Walter Marc	Long Beach, N.Y.	LAS	Genl	Fr		S	
Perloff, Godfrey	Los Angeles, Calif.	DENT	Dent	4	Sp	S	F
Perman, Gerald	Chicago	LAS	PMed	Sr		S	I II
Permut, Esther Terry	Chicago	LAS	Genl	Fr			I II
Perretti, Pat Joe	Chicago	FAA	Arch	Fr			I
Perrin, Barbara Dixon	Biggsville	EDUC	Genl	Jr		S	I II
Perring, Jo Ann	Oak Park	LAS	Genl	Jr			I II
Perry, Harriet Norma	Potomac	COM	LD	So		S	I II
Perry, James Christopher, B.S.	Anderson, S.C.	MED	Med	1			W
Perry, James Sidney, B.S., M.D.	Bryan, Tex.	MED	Otolaryng	PG			W
Perry, John William	Salem	PE	PE	Fr		S	I
Perry, Sara Claudine, A.B.	Urbana	LAW	Law	2		S	I II
Perry, Theresa	Chicago	PE	PE	Fr			I II
Perry, Thomas Kirk	Chicago	MED	Med	3	Sp	S	F W
Perry, Winifred H., B.Ed.	Springfield	UGRAD		EM			I
Persner, Annette	Chicago	LAS	Genl	Jr			I
Pertz, Paul	Chicago	UGRAD		EM			II
Pesavento, Roy Joseph	Chicago	LAS	PMed	Fr			II
Pesci, Warren Richard, B.S.	Evansville, Ind.	GRAD	Arch	U			I II
Peskind, Bernadette Grace	Centralia	COM	UD	Sr		S	I II
Peskind, Phyllis Bernice	Belleville	JNL	Jnl	Jr			I II

Peso, John P.	Chicago	PHARM	Pharm	Unc	S	F	
Pesses, Marvin	Rock Island	ENG	Cer	Sr			II
Peteish, William Marcellus, B.S.	Virginia	AGR	Genl	Irr			II
Peter, Fred V., A.B.	Jerseyville	EDUC	Genl	Irr		I	
Peterman, Helen Elaine	Springfield	LAS	Genl	Fr		I	II
Peters, Edith Ellen	Lincoln	EDUC		Sr	S		
Peters, Edward Laverne	Evanston	UGRAD		EM			II
Peters, George Franac	Forest Park	UGRAD		EM			II
Peters, Howard Rudolph	West Frankfort	MED		3	Sp	S	F
Peters, James Lee	Chicago	ENG	AeroE	Fr			II
Peters, John Robert	Butte, Mont.	DENT	Dent	2	Sp	S	F
Peters, Louise Evelyn	Zion	PE	PE	So			I
Peters, Naomi Virginia	Kankakee	LAS	Genl	So			II
Peters, Robert Erwin	Elmhurst	UGRAD		EM			II
Peters, Ruth Eugenie	Crystal Lake	LAS	Genl	Fr	S	I	
Peters, Shirley Dolores	Berwyn	PE	PE	Fr			II
Petersen, Eugene Fred	Lansing	ENG	CerE	Jr	S	I	II
Petersen, Gloria June	Rockford	LAS	DGS	Fr			II
Petersen, Harold Peter	Chicago	UGRAD		EM			II
Petersen, Kathryn Lenore	Ashkum	LAS	Genl	Jr			II
Petersen, Sally Anne	Urbana	LAS	Genl	So			II
Peterson, Alice Christine	Topeka, Kans.	ENG	ArchE	Jr			II
Peterson, Burdette Orrin, B.Ed.	Shabbona	GRAD	Educ	U	S		
Peterson, Chris	Chicago	UGRAD		EM			II
Peterson, Donald Arthur	Chicago	LAS	ChEng	Fr	S	I	
Peterson, Dorothy Mae	Oak Park	LAS	PJnl	So			II
Peterson, Florence Delores	Chicago	PE	PE	Fr		I	
Peterson, Jeanette Ruth	Chicago	LAS	Genl	Fr			II
Peterson, Mary Louise	La Grange	LAS	Genl	Sr			II
Peterson, Thomas Allan	Chicago	COM	LD	Fr		I	
Peterson, Wessley Eugene	Varna	COM	UD	Jr			II
Petlak, Marguerite Rose	Chicago	LAS	DGS	Fr		I	II
Petrunch, Dorothy Anne	Mt. Olive	AGR	HEcon	Fr			II
Peters, Evangeline Catherine	Chicago	FAA	Mus	Fr			II
Petty, Mary Lee	Chicago	LAS	OccTher	Fr			II
Petty, Virgil Otis, B.Ed., M.S.	Flossmoor	GRAD	Educ	EM		I	
Pevsner, Annette	Chicago	LAS	Genl	Sr			II
Pexton, Luella Carolyn	Edwardsville	LAS	Genl	Fr	S	I	
Pezman, Alfred Leonard	Quincy	LAW	Law	3	S	I	II
Pfeffer, Sally Jane	Lebanon	LAS	Genl	Fr			II
Pfeiffer, Mary Alice	Edwardsville	LAS	Genl	Jr			II
Pfeiffer, Robert Walter	Chicago	LAS	PJlaw	Fr			II
Pfingst, Shirley Hortense	Chicago	LAS	PJnl	Fr		I	
Pfotenauer, Martin Albert, B.S.	Chicago	MED	Med	4	Sp	S	F
Phares, Carol Ann	Champaign	AGR	HEcon	Jr			II
Phelps, Margaret Lucille	Chicago	LAS	Genl	Fr			II
Phelps, Pauline Elizabeth, A.B.	Independence, Iowa	MED	EOccTher	Irr			II
Phelps, Robert Leland	East St. Louis	LAS	ChEng	Sr			II
Phelps, William Earl, B.Ed.	Decatur	GRAD	Educ	EM			II
Phenix, Gena Tenney, A.B.	Champaign	GRAD	HEcon	U	S	I	
Pherigo, John Brown, Jr.	Chicago	ENG	ME	Jr			II
Phillippi, Pauline	Casey	COM	UD	Jr			II
Phillips, Irving, A.B.	West Hartford, Conn.	MED	Med	U			W
Phillippo, Grace Mae, B.Ed.	Kankakee	GRAD	Engl	U	S	I	II
Phillips, Clarence Alois, B.Ed., A.M.	St. Cloud, Minn.	GRAD	Math	U			II
Phillips, David Lyman	Springfield	ENG	CE	Fr		I	
Phillips, Edward Vaughan	Columbia, Mo.	ENG	EE	Sr			II
Phillips, Florence Elizabeth, A.B., B.S., A.M.	Vandergrift, Pa.	LIB	LibSci	I	S		
Phillips, Frances	Green Valley	LAS	Genl	So			II
Phillips, Howard Vance, B.S.	Harvey	DENT	Dent	4	Sp	S	F
Phillips, Howard William Sterling	Milwaukee, Wis.	FAA	Arch	So			II
Phillips, Jacqueline Mary	Chicago	LAS	Genl	Fr		I	
Phillips, Jeanette Frances	Great Lakes	EDUC	Genl	Jr	S	I	
Phillips, Jo Anne Onnen	Pontiac	LAS	Genl	Fr			II
Phillips, Joy Burcham, A.B., A.M.	Urbana	GRAD	Physiol	U	S		
Phillips, June Vivian, B.Ed.	Oak Park	MED	EOccTher	Irr			II
Phillips, Mildred Ann	Minonk	LAS	Genl	Fr			II
Phillips, Orville Keen	Toulon	AGR	Genl	Fr		I	
Phillips, Shirley Marie	Plano	PE	PE	Fr			II
Phillips, Thelma Anna, B.Ed.	Carbondale	GRAD	Accy	U	S		
Phipps, Imogene Lou	Collinsville	COM	LD	So			II
Phipps, Lloyd James, B.S., M.S.	Carbondale	GRAD	Educ	U		I	
Pianowski, Thad Walter, B.S.	Chicago	MED	Med	4	Sp	S	F
Picard, Ethel Mae	Champaign	FAA	Art	Fr			II
Picard, Jean Paul, B.S.	Quebec, Canada	GRAD	Entom	U			II
Picchi, Ambrose John	Rockford	COM	UD	Sr	S	I	II
Pichon, Martha Jane	Danville	FAA	Mus	Fr			II
Pickard, Marilyn Jenness	Centralia	LAS	Genl	Sr	S	I	
Picker, Elizabeth Bertha	New York, N.Y.	LAS	Genl	So			II
Pickett, Eleanor Mae	De Kalb	LAS	Mae	Jr	S	I	II
Pickett, Mary Ann	Champaign	LAS	Genl	Fr		I	
Pickrell, William Franklin	Lanesville	AGR	Genl	So			II
Piech, Raymond Casmir	Chicago	LAS	DGS	Fr			II
Pier, Ruth Constance, A.B., A.M., Lib.Cert.	Urbana	GRAD	LibSci	U		I	
Pierce, Barbara Lucile	Watseka	AGR	HEcon	Sr		I	



Pierce, Dorothy Ellen	Bowen	FAA	Mus	So	I	II
Pierce, Jack Burton	Pontiac	PE	PE	Fr	I	II
Pierce, Juanita Mae	Kansas City, Mo.	LAS	Genl	Fr	I	II
Pierce, Julia Frances	Rockford	LAS	Genl	So	I	II
Pierce, Pearl Dritelin	Des Plaines	AGR	HEcon	Fr	I	II
Piersol, John B., A.B.	Milford	GRAD	Educ	U	S	
Pierson, Joan Beatrice	Joliet	LAS	Genl	So	I	
Pikna, Raymond John	Chicago Heights	LAS	ChEng	Fr	I	II
Pile, Duane F., B.S., B.S.	Fargo, N.Dak.	MED	Med	4	Sp	S F W
Pile, Wendell James, B.S.	Fargo, N.Dak.	MED	Med	4	Sp	S F W
Pilot, Martin Lewis	Chicago	MED	Med	1	S	W
Pilz, Clifford George, B.S.	Chicago	MED	Med	4	Sp	S F W
Pincus, Gertrude	Chicago	LAS	Genl	Fr	I	II
Pines, Bernard	Chicago	UGRAD		EM		II
Ping, Lela Mae, B.Ed.	Auburn	GRAD	HEcon	U	S	I
Ping, Mary Alice	Gibson City	PE	PE	Fr	I	II
Pinkowitz, Melvin Bertram	Brooklyn, N.Y.	ENG	Genl	Fr	I	II
Pinkstaff, Bruce Germain	Lawrenceville	LAS	ChEng	Jr	S	I II
Pinkus, Walter	Chicago	MED	Med	2	Sp	S F W
Pinorsky, James Michael	Trempealeau, Wis.	UGRAD		EM		II
Pinsky, Morton	Chicago	LAS	PMed	So	S	I II
Pipenberg, Kenneth James, B.S.	Racine, Wis.	GRAD	Chem	U	S	I II
Piper, Melvin Anton	Chicago	ENG	EE	Fr	S	
Pipik, Paul	West Brownsville, Pa.	MED	Med	2	Sp	S F W
Pipkin, Fred S., Jr.	Lafayette, Tenn.	UGRAD		EM		II
Pisauro, Patrick Casper	Chicago	ENG	CE	Fr	I	II
Pishos, Constance	Argo	LAS	Genl	So	I	II
Pistor, Claire Christine	Kirkwood, Mo.	FAA	Art	So	I	
Pistotnick, John Joseph	Bedford, Ohio	UGRAD		EM		II
Pitelka, Laddie	Cicero	UGRAD		EM		II
Pitsenbarger, Ruth Margaret	Champaign	COM	LD	So	I	
Pittman, Robert Arthur	Momence	COM	LD	Fr	I	
Pitz, Barbara Ruth	Batavia	COM	LD	Fr	I	II
Pitzele, Alma Sylvia	Chicago	LAS	Genl	Jr	I	II
Pitzer, Margaret Helen	Chicago	LAS	Chem	Fr	I	II
Pizzini, Loretta Marie	Edwardsville	LAS	Genl	Sr	S	I II
Placek, James Frank, B.S.	Urbana	GRAD	Educ	U	S	I II
Placek, Camille Jadwiga	Cicero	LAS	Genl	Fr	I	II
Plagge, Frances Mae	Barrington	COM	LD	So	I	II
Planert, Edward Herman, Jr.	Chicago	COM	LD	Fr	I	II
Platt, George Mattox	Springfield	JNL	EJnl	Fr	I	II
Playe, Margaret Berg, A.B., Litt.M.	Urbana	GRAD	French	U	S	I II
Plese, Lucille Kathleen	Wilmington	LAS	Genl	Jr	I	II
Plesscher, William Harold	Elmhurst	MED	Med	3	Sp	S F W
Pletcher, Elva Mae	Crete	LAS	Genl	Fr	I	II
Plotkin, Paul, A.B., B.S.	Miami Beach, Fla.	MED	Med	4	Sp	S F
Plotner, Norman Edward	Urbana	UGRAD		EM		II
Plotnick, Frances Annette	Chicago	LAS	Genl	So	I	II
Plotnick, Ruth Deborah	Chicago	LAS	Genl	Fr	I	II
Podeschi, Norma Christine	Chicago	FAA	Art	So	I	II
Podore, Clarence Joseph, B.S.	Chicago	MED	Med	4	Sp	S F W
Poffenbarger, Doris Elaine	Benton	EDUC	Genl	Jr	S	I II
Poggemeier, William Henry, Jr., A.B.	Crystal City, Mo.	GRAD	Chem	U	I	II
Poggenklass, Alice Marjorie	Freeport	LAS	Genl	Fr	I	II
Pogirski, Stanley, B.S.	Chicago	DENT	Dent	4	Sp	S F W
Pogrund, Robert Seymour, B.S., M.S.	Chicago	GRAD	Physiol	U	S	I II
Pogue, Earl Graham, B.S., A.M.	Urbana	GRAD	Educ	U	I	II
Pohl, Robert George	Chicago	LAS	Genl	So	S	I II
Pokarney, Janet	De Kalb	LAS	Genl	Fr	I	II
Pol, Edward	Bantam, Conn.	UGRAD		EM		II
Polen, Eugene Victor	Chicago	LAS	Genl	So	S	II
Polin, Marty	Chicago	ENG	EE	Fr	I	II
Polk, Josephine McMahon	Chicago	ENG	EE	Fr	I	II
Polk, Roberta Makler	Chicago	LAS	Genl	So	I	II
Polks, J. Eleanor	Staunton	LAS	Genl	Fr	I	II
Pollack, Elaine June	Chicago	LAS	Genl	Jr	I	II
Pollack, Melvin Harold	Chicago	DENT	Dent	1	W	
Pollack, Sydney Revan	Cape Girardeau, Mo.	ENG	EE	Fr	I	II
Pollard, Betty Pauline	Urbana	LAS	Genl	So	I	II
Pollen, Louis Kallman	Chicago	ENG	EE	Fr	S	I II
Pollock, George Howard, B.S.	Chicago	MED	Med	4	Sp	S F W
Pollock, Robert Grant	Glen Ellyn	LAS	Genl	Fr	I	II
Polloway, Clara Mary	Berwyn	LAS	PJnl	Fr	I	II
Polney, Carole Jean	Chicago	LAS	Genl	So	I	II
Polniaszek, Mildred Jane, A.B., M.S.	Chicago	MED	Med	1	S	W
Polskin, Barney Aronoff, B.S.	Plainfield, N.J.	DENT	Dent	4	Sp	S F
Pomatto, Bert Dominic	Benld	LAS	PMed	Fr	S	I
Pomerantz, Anne A.	Miami Beach, Fla.	LAS	Genl	So	I	II
Pommier, Angelina Theresa	Bourbonnais	LAS	Genl	So	I	II
Pomp, James Albert	Chicago	UGRAD		EM		II
Pomper, Shirley Thelma	Chicago	LAS	Genl	Fr	I	II
Pond, Dallas, M.D.	Akron, Ohio	MED	Otolaryng	PG	U	W
Ponitch, David, B.S.	Chicago	GRAD	Educ	U	I	II
Pontins, Alvin Booth	Chicago	UGRAD		EM		II
Poolman, Wilton Herman	Granite Falls, Wash.	UGRAD		EM		II
Pope, Irene Bennett, A.B., B.S.	Bunkie, La.	GRAD	LibSci	U	I	II

Pope, Margaret Jane	La Grange	LAS	Genl	Jr		I	II
Pope, Philip Hugh	San Bernardino, Calif.	DENT	Dent	2	Sp	S	F W
Pope, William Travis, B.S.	Chicago	DENT	Dent	4	Sp	S	F
Popejoy, William Dean	Normal	ENG	EE	So		S	I
Popelka, Blanche Marie	Berwyn	PE	PE	Fr		I	II
Poppie, Anabel	Gilman	LAS	Genl	So		I	II
Poriss, Edward Israel, B.S.	Hartford, Conn.	DENT	Dent	4	Sp	S	F W
Port, Lorraine	Chicago	LAS	Genl	Fr		I	II
Portenlanger, Joseph	Chicago	UGRAD		EM			II
Porter, Don Austin	Champaign	PE	PE	Fr		I	II
Porter, Helen Brundza, A.B., A.M.	Champaign	GRAD	Econ	U	S		
Porter, Herschel Donovan, B.S.	Sharonville, Ohio	GRAD	Chem	U		I	II
Porter, Houston E., Jr.	Chicago	PHARM	Pharm	1			W
Porter, Mary Bernadine	Stronghurst	AGR	HEcon	So		I	II
Porter, Mitzi Lee	Garden Prairie	LAS	Genl	Fr		I	
Porter, Ralph Lloyd, B.S.	Chicago	ENG	ME	Sr	S		
Porter, William Joseph	Arlington	ENG	CE	Fr		I	II
Porter, William T.	Muskogee, Okla.	UGRAD		EM			II
Posegate, William Didcott, B.S.	Springfield	GRAD	Educ	U		I	II
Poses, Patricia Mac	New York, N.Y.	LAS	DGS	Fr		I	II
Posladek, Aloysius Ferdinand	Springfield	UGRAD		EM		I	
Posner, Burton	Chicago	LAS	Genl	Fr		I	II
Postel, Allen Hannan, Ph.B.	Chicago	MED	Med	1			W
Postelnek, Lois Ackerman	Chicago	LAS	Genl	Sr		I	II
Postelnek, Robert Saul	Chicago	COM	LD	Fr		I	II
Postlewait, Richard Franklin	Decatur	DENT	Dent	3	Sp	S	F W
Potempa, Gloria Cecelia	Chicago	DENT	DGS	Fr		I	
Potkin, Nathan Norman, B.S., B.S.	Chicago	DENT	Dent	4	Sp	S	F
Potter, Ann Maria	St. Charles	LAS	Genl	Fr		I	II
Potter, Eve Skoll	Champaign	LAS	Genl	Jr		I	II
Potter, Gloria	Chicago	LAS	Genl	Fr		I	
Potter, Juanita Jean	Urbana	LAS	Genl	Jr		I	II
Potter, Louis Alexander, Jr.	Urbana	GRAD	Mus	U		I	II
Potter, Miriam Louise	Urbana	LAS	Genl	So	S	I	II
Potts, Mary Virginia	Gibson City	LAS	PMed	So		I	II
Potts, Russell Hollister	Chicago	LAS	DGS	Fr		I	II
Poull, John Walter	Muncie, Ind.	LAS	DGS	Fr	S	I	
Powell, Alma, A.B.	Kirkwood, Mo.	GRAD	Educ	EM	S	I	
Powell, Frances	Urbana	LAS	Genl	Fr		I	II
Powell, Fred Pitts	Trussville, Ala.	UGRAD		EM			II
Powell, Juliette Leeper	Park Ridge	LAS	Genl	Jr		I	II
Powell, Phyllis	Urbana	LAS	Genl	Fr		I	II
Powell, William McNesbit, B.Ed.	Peoria	GRAD	Educ	EM		I	II
Powell, Wilma Lenora	Flora	LAS	DGS	Fr		I	II
Powers, Elmer Walter	Bloomington	GRAD	SWA	U		I	
Powers, George, A.B., B.S.	Streator	MED	Med	4	Sp	S	F
Powers, Irvan Mathew	Chicago	UGRAD		EM			II
Powers, Lucille Bernice, B.S.	Urbana	GRAD	HEcon	U	S	I	
Powers, Robert William, B.S.	Peoria	GRAD	Chem	U	S	I	II
Powers, Virginia Maurine	Pacific, Mo.	COM	UD	Jr	S	I	
Powrie, William Robert	Chicago	ENG	CE	Fr		I	II
Poynton, Nola Irene	Findlay, Ohio	LAS	DGS	Fr		I	II
Pracyk, John Ardell, Jr.	West Frankfort	DENT	Dent	2	Sp	S	F W
Prager, Sophia, B.S.	Wood River	GRAD	Educ	EM		I	
Pranke, Don Wallace, B.S.	Pana	MED	Med	4	Sp	S	F
Pratt, Robert B.	Canton, Ohio	UGRAD		EM			II
Pratt, Wilma Elaine	Urbana	COM	UD	Sr	S	I	II
Pratum, Rolf H., B.S.	Seattle, Wash.	MED	Med	4	Sp	S	F W
Preece, Aaron Charles	Canton	COM	LD	Fr		I	
Preis, Seymour	Chicago	LAS	Chem	Sr	S	I	
Prendergast, Mary Jane, B.S.	Lamoille	AGR	HEcon	Irr	S		
Prentice, Donald Richard	Oak Park	ENG	CE	Fr	S		
Prenzier, Lyle Howard	Bloomington	MED	Med	3	Sp	S	F W
Prescott, Edmund James	Hollywood, Calif.	LAS	Genl	So		I	II
Prescott, Richard Gibbs	Chicago	LAS	Genl	Fr		I	
Presper, Mary Lenore, A.B., M.S.	Lawrenceville, Pa.	MED	Med	1	Sp	S	F
Press, Eugene Gordon	Chicago	LAS	PMed	So		I	
Pressman, Robert Graham	Chicago	ENG	CE	So	S	I	II
Frestler, Shirley Mae	Chicago	LAS	Genl	Fr		I	II
Freston, Betty Lou	Chicago	LAS	Genl	Sr		I	II
Freston, William Douglas	Oak Park	UGRAD		EM			II
Freuss, Robert Stanley	Chicago	COM	LD	Fr		I	
Price, Arthur Lowell, Jr.	Champaign	AGR	Genl	Jr	S	I	
Price, Barbara Anne	Homewood	AGR	HEcon	Jr		I	II
Price, Charles B., B.S., A.M.	Blue Island	GRAD	Educ	EM		I	II
Price, Dorothy Ann	Champaign	AGR	HEcon	Fr		I	II
Price, Everett Alfred, A.B., M.S.	Highland Park	DENT	Dent	3	Sp	S	F W
Price, Glenn William	Champaign	UGRAD		EM			II
Price, Harold Anthony	Harvey	LAS	Genl	Sr	S	I	II
Price, Joan Carol	Pittsburgh, Pa.	LAS	Genl	So		I	II
Price, John Wesley	Tyrone, Pa.	UGRAD		EM			II
Price, Patricia Ann	Birmingham, Mich.	LAS	Genl	Fr		I	
Price, Rebecca Dawson	Chicago	FAA	Art	Jr	S	I	II
Price, Rupert Maurice, B.S., A.M.	Washburn	GRAD	Math	EM		I	II
Prichard, Merrill Edwin	Glen Ellyn	AGR	Genl	Jr		I	II
Priest, Edwin Rush	Joliet	MED	Med	2	Sp	S	F W

Prince, Mary Jeannette	Chicago	LAS	Genl	Fr	I	II
Prison, Jerome Bertram	Brooklyn, N.Y.	ENG	ME	Fr	I	II
Pritchard, Clyde Lavern	Speer	UGRAD		EM		II
Pritchard, Roberta	Maywood	AGR	HEcon	So	S	I II
Probst, Richard Otto	Waukegan	ENG	ME	Fr		II
Procter, Lois Jean	Evanston	LAS	Genl	So		II
Proctor, Rae	Chicago	UGRAD		EM		II
Prodan, Victoria	Glen Ridge, N.Y.	LAS	Genl	Fr		II
Proehl, Louise Mathilde Reinhard	Philo	LAS	Genl	Sr		II
Prokopis, Alexander	Gary, Ind.	PE	PE	So		I II
Pronger, John Emery	Blue Island	LAS	Genl	Jr		I
Proud, Francis Eudale, A.B.	South Bend, Ind.	LIB	LibSci	I	S	
Provost, Walter Leo	Willsboro, N.Y.	UGRAD		EM		II
Prowell, Jack Dale	Harrisburg	JNL	Jnl	Jr	S	I II
Prower, Harriet Barbara	Waukegan	LAS	Genl	So		II
Pruzansky, Lucille Laurel	Chicago	LAS	PMed	Jr		II
Przydatek, Sophie Jean	Chicago	MED	Med	4	Sp	S F W
Przypyszny, Mary Agnes	Chicago	LAS	PMed	Fr		I II
Puccetti, Roland Peter	Oak Park	LAS	PJnl	So		II
Puccinelli, Eugene Ray	Chicago	UGRAD		EM		II
Pufalt, Shirley Marie	Moline	LAS	Genl	Fr		I II
Pugh, Henry Gilbert	Adair	ENG	Genl	Fr		II
Pugh, Hilda Naomi	Morris	LAS	Genl	Sr	S	I II
Pugh, William Ellis, A.B.	Peoria	MED	Med	3	Sp	S F W
Pullen, Milton William, Jr., A.B., M.S.	Urbana	GRAD	Geol	U		II
Pulliam, Georgia Beryl	Danville	LAS	Genl	Sr		I II
Pullman, Ernest Wilfred	Chicago	LAS	PMed	Fr		I II
Pullman, Maynard Edward	Chicago	LAS	PMed	Fr		II
Puma, Andrew Anthony	Cicero	UGRAD		EM		II
Pumphrey, Mable Ann, B.S., M.S.	Bloomington	GRAD	Educ	U	S	
Punke, Flossie M.	Herscher	EDUC	Genl	Jr		I II
Purcell, Dorothy Margaret	Streator	LAS	Genl	Jr		I II
Purdy, Robert Alva	Hinsdale	MED	Med	1	S	I W
Purkey, Nola Mae	Heyworth	LAS	Genl	Fr		I
Purnell, Isabelle Sarah, B.Ed., M.S.	Champaign	GRAD	Educ	U		I
Puzey, Dean H.	Indianola	ENG	EE	Fr		I
Quagliano, James Vincent, B.S., M.S.	Urbana	GRAD	Chem	U	S	I II
Quandt, Carol Jean	Forest Park	LAS	Genl	Fr		I II
Quastler, Gertrude Pauline	Urbana	FAA	Art	Fr		I II
Quattrochi, Anthony Salvatore	Wheaton	LAS	Chem	Fr		I II
Queen, Betty Jane	Cuba	AGR	HEcon	Jr		I II
Quick, Fannie Victoria, B.S.	Warsaw	LIB	LibSci	1	S	
Quicksilver, Lois Elaine	Clayton, Mo.	LAS	Genl	So		I II
Quigless, Charles Richard	Newellton, La.	ENG	Cer	Fr		I
Quigley, Blanche Olive, B.Ed., A.M.	Table Grove	GRAD	Educ	U	S	
Quilici, Robert Wayne	Chicago	LAS	Genl	Fr		I II
Quilty, Thomas James, B.S.	Moline	MED	Med	4	Sp	S F W
Quimby, Carol Rogers	Evanston	LAS	Genl	So		I II
Quinlan, Frederick F., B.S., A.M.	Lake Forest	GRAD	Educ	EM		I
Quinliven, Josephine Rita	Harvey	UGRAD		EM		II
Quinn, John Robert	Mattoon	DSSWV		Fr		II
Quinty, Gladys Helen	Chicago	LAS	Chem	Jr		I II
Quitmeyer, Vincent Eugene, A.B., B.S.	Brockton, Mont.	MED	Med	4	Sp	S F W
Raben, Sheldon Rodney	Chicago	LAS	Genl	4	Fr	S
Rabin, Genevieve	Chicago	LAS	Genl	Fr		I
Rabin, Harold	Chicago	DENT	Dent	2	Sp	S F W
Rabin, Rita	Chicago	LAS	Genl	Fr		I
Rabin, Virginia Ruth	Chicago	LAS	Chem	So		S I II
Rabinov, David Irwin	Mokena	LAS	PMed	So		S I II
Rabinovitz, Arthur	Chicago	LAS	Genl	Fr		I
Rabinovitz, Charlotte Leah	Chicago	LAS	Chem	Jr		II
Rabinovitz, Evelyn	Chicago	LAS	Genl	Fr		II
Rabinowitz, Shirley	Chicago	LAS	Genl	Fr		I II
Radeke, Edward Frank	Waukegan	ENG	Genl	Fr	S	I
Radeke, Nancy Dryden	Kankakee	LAS	Genl	Fr		I II
Rademacher, Harold August	Mt. Carmel	PE	PE	Fr		I II
Rader, Banjamin N.	Findlay, Ohio	UGRAD		EM		II
Radicke, Leo Felix	Chicago	UGRAD		EM		II
Radin, Marcella	Chicago	LAS	Genl	Fr		I
Radley, Ernest, Jr.	Normal	ENG	CE	Fr		I
Radmacher, Helen Mary	Monmouth	LAS	Genl	Sr	S	I II
Radomski, Ronald Francis	Chicago	LAS	ChEng	Fr		I II
Raffel, Natalie	Chicago	LAS	Genl	Sr		I
Rafferty, Gertrude Therese, B.S., M.S.	Chicago	GRAD	Zool	U		I II
Raffles, Roslyn Lois	Chicago	LAS	Genl	So		I II
Ragan, Betty Rae, A.B.	Galesburg	LIB	LibSci	1		I II
Raglin, Orpha Alene, B.Ed.	Monmouth	GRAD	Engl	U	S	
Rahn, Rosemary Ruth	Pekin	LAS	Genl	So		I II
Rahn, Stanley William, A.B., A.M.	Buhl, Minn.	LAW	Law	1		I II
Raines, Pauline Adeline	Centralia	EDUC	Genl	Sr		I II
Rakowitz, Martin Saul	New York, N.Y.	LAS	PMed	Fr		II
Raley, Patricia Ann	Harrisburg	AGR	HEcon	Fr		I II
Ralston, Herbert Charles	Louisville, Ky.	PE	PE	Jr	S	I II
Ralston, Joan Elizabeth	Rockford	FAA	Art	Jr		I II
Ralston, Lloyd Stanley, A.B., B.S.	Crystal, N.Dak.	MED	Med	4	Sp	S F
Ramey, Charles Arthur	Danville	MED	Med	4	Sp	S F W

Ramey, Ernest Edgar, Jr.	Ashland, Ky.	DENT	Dent	1		W
Ramsay, Joseph Paul	Park Ridge	COM	UD	Sr		I II
Ramsey, Kathryn Ellen, B.S., M.S.	Broadwell	GRAD	Educ	U	S	
Ramshaw, Warren Clement	Chicago	LAS	Genl	So	S	
Randall, Jack	Springfield	LAS	PLaw	Fr		II
Randall, John Edgar	Chicago	ENG	ME	Jr		I II
Randall, Shirley Ann	San Antonio, Tex.	AGR	HEcon	Sr		I II
Randolph, Joan	Danville	LAS	Genl	Sr		I II
Randolph, Robert Greenwood	La Grange	DENT	Dent	3	Sp	S F W
Randolph, Thomas Vance, A.B.	Oak Park	MED	Med	2	Sp	S F
Rankin, Charles Rule	Kansas City, Mo.	ENG	ME	Sr		S I
Rankin, Janet Ruth, A.B.	River Forest	LAS	EOccTher	Irr		II
Rankin, Robert Donald	Greenville	LAS	ChEng	Fr		I
Ranney, Florence Marion	Mundelein	PE	PE	Jr		I
Ransom, Dorothy Mae	Urbana	LAS	Genl	Fr		I II
Ransom, Lola Nadine	Princeton	LAS	DGS	So		I II
Ransom, Marian, A.B.	Homewood	LIB	LibSci	1		I II
Ranz, Bernice Lenore	Trenton	LAS	Genl	Jr		I II
Rapoport, Hershel	Des Moines, Iowa	PHARM	Pharm	2	Sp	S F W
Rapoport, Leonard, B.S.	Chicago	MED	Med	4	Sp	S F W
Rapp, Janet Lorraine Cooper, B.S.	Champaign	GRAD	Entom	U		I II
Rapp, John Henry	Park Ridge	COM	UD	Sr		S I II
Rapp, Mary Hendershot, A.B.	Chicago	GRAD	Educ	U		S I II
Rapp, Ricuard Lee	Champaign	LAS	Genl	So		S I II
Rapp, Roy Thomas, B.S.	Quincy	MED	Med	4	Sp	S F
Rapp, William Frederick, Jr., B.S.	Champaign	GRAD	Entom	U		I II
Rappaport, Bernard Francis	Brooklyn, N.Y.	UGRAD	EM			II
Rarick, Elizabeth Anne	Urbana	LAS	DGS	Fr		I
Rarick, Phyllis Catharine	Urbana	LAS	Genl	So		I II
Rash, Sharon June	Detroit, Mich.	LAS	Genl	Fr		I II
Raskin, Fern Barbara	Chicago	LAS	Genl	So		I
Raskin, Joseph	Chicago	DENT	Dent	3	Sp	S F W
Rasmussen, Dorothy Louise	Capron	LAS	Genl	Jr		I II
Rasmussen, Ruth Anne	Crystal Lake	COM	LD	Fr		I II
Rastede, John William	Morrison	ENG	CE	Jr		I II
Ratcliffe, Robert Lewis	Evanston	UGRAD	EM			II
Rathert, Louis Gilster	Red Bud	LAS	PLaw	Jr		I II
Rathsack, Katherine M.	Greenview	JNL	Jnl	Sr		I II
Rau, Irma Jane	Pekin	LAS	PMed	Fr		I II
Raube, Gretchen	Chicago	LAS	Genl	Fr		I II
Raulins, Ida Elizabeth, A.B., B.S.	Urbana	GRAD	LibSci	U		I II
Rausch, Carolyn Rose	Eglin	LAS	DGS	Fr		I II
Rauth, Helen Marie	Springfield	UGRAD	EM			I
Rawlin, Lloyd Warren	Sugar Grove	MED	Med	2	Sp	S F W
Rawlings, Rachel	Depeu	EDUC	Genl	Sr		I II
Rawlings, Robert Tracy, B.S.	Beason	GRAD	Educ	U		S
Rawlinson, Kenneth Bouch, B.S.	Williamsburg, Va.	GRAD	PE	U		S I II
Ray, Gwendolyn Bennett	Chicago	FAA	Mus	Jr		I II
Ray, Helen Peers, A.B.	Rockford	GRAD	Educ	EM		I II
Ray, Jean	East St. Louis	LAS	DGS	Fr		I II
Ray, Melvin Anthony	Chicago	UGRAD	EM			II
Rayburn, Ethel Wright	St. Joseph		Unc	S		
Rayman, Natalie Harriet	Chicago	LAS	Genl	Fr		I II
Raymer, Howard Stanley	Chicago	DENT	Dent	1	Sp	S F
Reace, Charles Willet	Chicago	COM	LD	So		S I
Reace, Marie Florence	Chicago	LAS	Genl	So		I II
Read, Robert Martin	Oak Park	ENG	ME	Sr		S
Read, Stephen Walter	Yale	LAS	PMed	So		I II
Reagan, Agnes T.	Springfield	UGRAD	EM			I
Reagan, Mary Evelyn	Ozark		Unc	S		
Reardon, Mary Ellen	Delavan	AGR	HEcon	Sr		I II
Reason, Arthur Wesley, A.B.	St. Louis, Mo.	GRAD	Educ	EM		S I II
Rebenstorf, Melvin Alfred, B.S.	Aurora	GRAD	Chem	U		I
Rebman, Charles John, B.S.	Danville	GRAD	Educ	U		S
Rebmann, John Paul	Danville	AGR	Genl	Fr		I
Rebora, Andrew Prendergast, B.S.	Barrington	GRAD	CE	U		I
Rebora, Barbara Willson	Barrington	FAA	Mus	Unc		I
Rebstock, Mildred Catherine, A.B., A.M.	Elkhart, Ind.	GRAD	Chem	U		S I II
Reddock, Nanette	Champaign	LAS	DGS	Fr		I II
Redeker, Alfred H.	Chicago	UGRAD	EM			II
Redman, Betty Marie	Bement	AGR	HEcon	Fr		II
Redman, George Latimer	Bloomington	ENG	ME	So		S
Redman, Katherine Bernice	Champaign	COM	LD	Fr		I II
Redman, Shirley Irene	Chicago	LAS	Genl	Fr		I II
Reeb, Jeanne Mary	Oak Park	LAS	Genl	Jr		I II
Reed, Cecil Verne, B.S.	Springfield	GRAD	Educ	EM		I II
Reed, Fern, B.S.	Galatia	GRAD	Educ	U		S
Reed, George, B.Ed.	Anna	AGR	Genl	Unc		S II
Reed, Grace Ellen, A.B.	Alton	GRAD	Educ	EM		I II
Reed, Howard Odin, B.S., A.M.	Bloomington	GRAD	Educ	U		S I II
Reed, Jane Frances	Hinsdale	AGR	HEcon	Fr		I II
Reed, Lester James, B.S.	New Orleans, La.	GRAD	Chem	U		S I II
Reed, Marjorie Jane	Thomasboro	JNL	Jnl	Jr		I II
Reed, Quentin Harry, B.Ed.	Thurphysboro	MED	Med	4	Sp	S F W
Reed, Sarah Rebecca, A.B., B.S.	Urbana	GRAD	LibSci	U		S I II

Reed, Thomas Fortune	North Clarendon, Vt.	UGRAD		EM		II
Reed, Zelda Nadine Miller	Odell	EDUC	Genl	Jr	S	
Reeder, Barbara Alice	Arthur	AGR	HEcon	Jr		I II
Reeder, Georgia Ellen	Arthur	AGR	HEcon	Jr		I II
Reeder, Rowena	Weston, Idaho	LAS	DGS	Fr		I II
Reedy, Charles Walter	Wess Springs, S.Dak.	UGRAD		EM		II
Reedy, Helen Jean	Urbana	LAS	Genl	So		I II
Reese, Arsicel Clipner, B.Ed.	Anna	GRAD	Educ	EM		I II
Reese, Davis Stephens	Carrollton, Ga.	MED	Laryng	PG	F	
Reese, Marilyn Esther	Springfield	FAA	Art	Fr		I II
Reese, Teresa Marie	South Bend, Ind.	JNL	Jnl	Sr	S	I II
Reesman, Dorothy Wray, A.B.	Lancaster, Ohio	GRAD	Bact	U		I II
Reeves, Billy Dean	Franklin Park	ENG	EE	Fr		I
Reeves, Harry Payne, A.B., A.M.	Urbana	GRAD	Span	U	S	I II
Refiuna, John Tony	Johnston City	ENG	MinE	Jr		I II
Regensberg, Juliet	Chicago	LAS	Genl	Fr		I II
Rehbein, Leila LaVonne	Chillicothe	AGR	HEcon	Fr		I II
Rehorst, Arthur Henry	Highland Park	UGRAD		EM		II
Reibach, Lucille	Peekskill, N.Y.	LAS	Genl	So		I
Reich, Freda	New York, N.Y.	FAA	Arch	So		I II
Reich, Murray	New York, N.Y.	ENG	CE	Fr		I II
Reichard, John Milton	Wilkinsburg, Pa.	LAS	Genl	Unc	S	
Reichert, Carlos Clifford	Virginia	AGR	Genl	Sr		I II
Reichstein, Irving Paul	Chicago	LAS	Genl	Jr		I II
Reichstein, Rita Rebecca	Chicago	LAS	PMed	Jr		I II
Reid, Carol Gray	Chicago	LAS	Genl	Fr		II
Reid, Jane Elizabeth	Chicago	LAS	Genl	So		I II
Reid, Ralph	Chicago	LAS	Genl	Fr		II
Reid, Robert Allan	Evanston	MED	Med	2	Sp S	F W
Reid, Thomas Russell	Danville	LAS	Genl	Jr		II
Reid, Zail Irving	Chicago	LAS	Genl	Fr		II
Reiffel, Pearl Inice	Chicago	MED	Med	2	Sp S	F W
Reihmer, Vernay Arthur, B.S., M.S.	Elmhurst	MED	Med	4	Sp S	F W
Reilly, Carl Nelson, B.S.	Cairo	MED	Med	4	Sp S	F W
Reimbold, William Casper	Highland Park	LAS	Genl	Fr		I II
Rein, Melvin Dale	Morton	UGRAD		EM		II
Reincke, Marie Elizabeth, B.Ed., A.M.	Decatur	GRAD	Hist	U	S	
Reinert, John Edward	Wilmette	MED	Med	3	Sp S	F W
Reinhard, William Arthur	Martinton	EDUC	Genl	Jr		I II
Reinhardt, Henry Harman	Chicago	LAS	Genl	So	S	
Reinhardt, Mark Woodard	Urbana	FAA	Art	Fr	S	
Reis, Frederick Mark, B.S.	Chicago	MED	Med	4	Sp S	F
Reisch, Cecile G.	Springfield	UGRAD		EM		I II
Reising, Valentine O.	Aurora	UGRAD		EM		II
Reisman, Nathan Joseph	Detroit, Mich.	MED	Laryng	PG		F
Reiss, Franklin Jacob, B.S., M.S.	Urbana	GRAD	AgEcon	U	S	
Reiter, Herman F.	Chicago	UGRAD		EM		II
Reithel, David Allon	Chicago Heights	LAS	PDent	Fr		I
Reitman, Robert, B.S.	Chicago	DENT	Dent	4	Sp S	F
Reitsema, Robert H., A.B.	Urbana	GRAD	Chem	U	S	I
Reitz, Alberta Louise	Melvin	AGR	HEcon	So		I II
Reitzel, J. A.	Evanston	UGRAD		EM		II
Reizner, Burton Burrel	Oglesby	DENT	Dent	3	Sp S	F W
Remington, George Albin	Chicago	LAS	Genl	Sr		I II
Remlinger, Marjorie Ruth, B.S.	Delphos, Ohio	GRAD	Chem	U		I II
Rempala, Frank	Chicago	UGRAD		EM		II
Remus, George John	Chicago	UGRAD		EM		II
Remus, Harry Richard	Chicago	UGRAD		EM		II
Renberg, Marian Neu	Tulsa, Okla.	LAS	Genl	Jr		I II
Rendleman, Russell David, B.Ed., M.S.	Anna	GRAD	Educ	EM		I II
Renkoff, Herman, B.S., M.D.	Albuquerque, N.Mex.	MED	Laryng	PG	F	
Rennels, Florence Merritt	Charleston	LAS	Genl	Fr		II
Rensner, Delmar A.	Chicago	DENT	Dent	2	Sp S	F W
Rentz, Reading Jack	Canton, Ohio	UGRAD		EM		II
Rephan, Norma Jean	Hot Springs, Ark.	COM	LD	Fr		I II
Resnick, Jack Michael, B.S.	Syracuse, N.Y.	DENT	Dent	4	Sp S	F W
Resnick, Leon Harry	Chicago	LAS	Genl	Jr	Sp S	F II
Resnick, Martin J.	Philadelphia, Pa.	UGRAD		EM		II
Resor, Freda Mae, B.Ed., A.M.	Olney	GRAD	Educ	U	S	
Retzer, Anna Jean	Pearl	AGR	HEcon	Sr		I II
Retzer, Elizabeth Rose	Pearl	AGR	HEcon	Fr	S	
Retzer, Janet Lucille, B.S., M.S.	Pearl	LAS	Genl	Irr		I
Retzky, Herbert	Chicago	PHARM	Pharm	3	Sp S	F W
Reuben, Paul, B.S.	Chicago	DENT	Dent	4	Sp S	F W
Reuland, Agnita Mary	Chicago	LAS	DGS	Fr		I II
Reuling, Katharine	Peoria	LAS	Genl	Jr		I II
ReVeal, Ivan Lindsey	Springfield	UGRAD		EM		II
Revelle, Betty Jeanne	Hinsdale	EDUC	Genl	Jr		I II
Revelle, Dennis Sylvester, B.S.	Cisne	AGR	Voc	Irr		I
Revis, Katherine T.	Chicago	LAS	Genl	Fr		II
Revis, Kulla	Chicago	LAS	Genl	Unc		II
Rexroad, Mary Libby	Champaign	FAA	Art	Unc		II
Reyes, Mary Louise	South Beloit	LAS	Genl	Sr		I II
Reynor, Carla Floy	Chicago	LAS	DGS	Fr		I II
Reynolds, Amy Belle	Springfield	UGRAD		EM		I

Reynolds, Helen M., B.F.A., A.B., B.S.	Urbana	GRAD	LibSci	U		I	II
Reynolds, M. Jeanette Watkins	Mason City	EDUC	Genl	Jr	S		
Rhine, Jane Leana	Elmwood Park	LAS	DGS	Fr		I	II
Rhoades, Harry E., A.B., M.S.	Decatur	GRAD	Bact	U			II
Rhoden, Robert Bryant, A.B.	Tallallega, Ala.	GRAD	Educ	U			II
Rhodes, Bert	Brooklyn, N.Y.	UGRAD		EM			II
Rhodes, Bert Halbert	Urbana	LAS	PLaw	Fr		I	
Rhodes, Faith Elaine	Mendota	LAS	Genl	So	S	I	II
Rhodes, Thelma Lorell	Wheaton	LAS	Genl	Fr		I	II
Rhymer, Esther Ione, B.Ed.	Normal	GRAD	Bact	U	S	I	II
Ricci, Henry N., B.S., M.D.	Chicago	MED	Ophthalm	PG		W	
Rice, Anita Mae	Waterman	AGR	HEcon	Fr		I	II
Rice, Barbara Jane	Kankakee	LAS	PJnl	Fr		I	II
Rice, Dorothy Louise	Sheldon	AGR	HEcon	So		I	II
Rice, George Halbert	Atlanta, Ga.	UGRAD		EM			II
Rice, Imas Ward, B.S.	Aurora	MED	Med	4	Sp	S	F W
Rice, Joseph Ransom	Aurora	DENT	Dent	2	Sp	S	F W
Rice, Robert Henry	East St. Louis	LAS	ChEng	Fr		I	
Rice, Roslyn Marie, A.B.	Toledo, Ohio	LAS	EOccTher	Irr			II
Rice, William Garret	Springfield, Ohio	MED	Med	1			W
Rich, Helen May	Harvard	LAS	Genl	So		I	II
Rich, Louise Kathryn, A.B., A.M.	De Kalb	GRAD	Engl	U		I	II
Rich, Milton Robert	Chicago	LAS	PMed	Fr	S	I	
Rich, Norman Irving	Rock Island	LAS	PMed	Fr		I	
Richard, Clarence Daniel, B.S.	Schwenksville, Pa.	GRAD	Physics	U		I	II
Richards, Bonita Lee	Chrisman	LAS	Genl	Fr			II
Richards, Dana Foster	Riverside, Calif.	MED	Med	2	Sp	S	F W
Richards, Lloyd William	Chicago	UGRAD		EM			II
Richards, Mary Robinson	Chicago	MED	Med	3	Sp	S	F W
Richardson, Barbara Jean	Urbana	JNL	Jnl	Sr		S	I
Richardson, Genevieve, B.S.	Oakwood	GRAD	Educ	U	S		
Richardson, Nada Marie	Salem	FAA	Art	Jr		I	II
Richardson, Sherrill	Chicago	LAS	Genl	Fr		I	II
Richart, Kathryn Mary	Urbana	LAS	PJnl	Jr	S	I	II
Richerson, Robert William	Chicago	PE	PE	Fr		I	II
Richert, Joel Hiram	Reedley, Calif.	MED	Med	1			W
Richey, Charles Frederick	Chicago	LAS	ChEng	Jr			II
Richey, Harold Winston	Sumner	LAS	DGS	Fr		I	II
Richey, Mildred June, B.Ed.	Flat Rock	GRAD	Educ	EM		I	
Richman, Roslyn Lou	Chicago	LAS	Genl	Fr			II
Richmond, Kenneth Lowell, A.B.	Chicago	LAW	Law	2		S	I II
Richner, Kathryn Jane	Danville	EDUC	Genl	Sr	S	I	II
Richter, Bernice	Chicago	LAS	Genl	So			II
Richter, Beverly Lois	Chicago	LAS	Genl	Fr			II
Richter, Edward John	Forest Park	UGRAD		EM			II
Richter, Gertrude Katharine, B.S., A.M.	La Salle	GRAD	Educ	EM		I	
Rick, Dorothy Mary	Chicago	LAS	Genl	Unc		I	II
Rick, Richard George	Chicago	LAS	PDent	Fr			I
Ricketts, Kenneth Albert	Cicero	ENG	AeroE	So	S	I	II
Ricordati, Henry Timothy	Chicago	UGRAD		EM			II
Riddle, Glenn Keith, B.Ed.	Platteville, Wis.	LIB	LibSci	1	S		
Riddle, Louise	Mattoon	LAS	Genl	So		I	II
Ridsdale, Della Bessie	Downers Grove	LAS	Genl	Fr			II
Ridsdale, June Anna	Downers Grove	COM	LD	Fr		I	
Riechers, Hubert H.	Lake Forest	GRAD	Educ	EM			I
Riechman, Alice Emily	Richview	AGR	HEcon	Fr		I	II
Riechman, Rosalie Vera	Richview	AGR	HEcon	Fr		I	II
Rieff, Martin Morris	Chicago	LAS	Genl	Fr			II
Riekes, Frieda	Omaha, Nebr.	LAS	Genl	Jr		I	
Riemann, Marilyn Ruth	Mokena	LAS	PMed	Fr		I	
Riess, Lavern Catherine	Mascoutah	LAS	Genl	Sr			II
Rietveld, Mary Marguerite	Chicago Heights	COM	LD	So		I	II
Rife, Arnold Sherwood	Chicago	PHARM	Pharm	1			W
Rifkin, Herbert	Chicago	MED	Med	4	Sp	S	F
Rigg, Jo Marilyn	Maywood	AGR	HEcon	Fr			I II
Riggin, Thelma Marie	Litchfield	LAS	Genl	Sr			I II
Rigney, Alma Starr Perrott, B.Mus.	Champaign	GRAD	Educ	U			I II
Rigney, Hugh Richard	Champaign	LAS	Genl	Fr		S	
Rikli, Arthur Eugene, A.B.	Naperville	MED	Med	4	Sp	S	F
Riklin, Bernard Meredith, B.S.	New York, N.Y.	DENT	Dent	4	Sp	S	F
Riley, Glen David, B.S.	Arcola	GRAD	PE	U	S	I	II
Rimac, Richard Norman	Chicago	LAS	PMed	Fr			II
Ring, Robert Mason, B.Ed.	Springfield	GRAD	Educ	U	S		
Ringel, Charlotte	Chicago	LAS	Genl	Sr			I II
Ringelsten, Charles Joseph	Chicago	UGRAD		EM			II
Ringland, Ruth Rea	Champaign	LAS	Genl	Fr			I II
Ringo, Elbert Winfred, A.B., A.M.	Alfred, N.Y.	GRAD	Span	U			I II
Rinne, Fred	Kewanna, Ind.	UGRAD		EM			II
Ripley, Helen Ester, B.Ed.	Pontiac	MED	Med	4	Sp	S	F
Rippel, Lorna Caroline, B.Ed., M.S.	Bloomington	GRAD	Educ	U	S		
Risley, Elizabeth Ellen	Mt. Carmel	AGR	HEcon	Sr			I
Rissman, Burton Richard	Chicago	ENG	MetE	So	S	I	II
Rist, Pauline Margaret	Glenview	LAS	Genl	Fr			I II
Ritacco, Aida Millina	Chicago	AGR	HEcon	Fr			I II
Ritchey, Hardin McLean, A.B., B.S.	Rushville	MED	Med	4	Sp	S	F
Ritchie, Donald Wayne	Cerro Gordo	LAS	Genl	Fr			I II

Ritchie, Mary Jane	Morrison	LAS	DGS	So	I	II
Ritholz, Jules	Chicago	ENG	Genl	Fr	I	II
Rittenbaum, Allene	Atlanta, Ga.	LAS	Genl	So	I	II
Ritter, Dorothy Jean	River Forest	LAS	Genl	Sr	I	II
Ritter, John Albert	Carrier Mills	MED	Med	1		W
Ritter, Walter Theobald, Jr.	River Forest	ENG	ME	Fr	S	
Rittmueller, Jeanette Jo	Des Plaines	LAS	Genl	So		II
Roach, Carl Robert	Kingston	ENG	AeroE	Fr	I	II
Roach, James Joseph	Chicago	PHARM	Pharm	1		W
Roach, Marilyn Jacques	Chicago	LAS	Genl	Fr	I	II
Roark, Constance Marie	Elmwood Park	LAS	Genl	Fr	I	II
Roark, Genevieve, B.Ed.	Springfield	UGRAD		EM	I	
Robb, Dean Allen	Pinckneyville	COM	UD	Sr		II
Robb, Lucia Mary	Champaign	LAS	Genl	Jr	I	II
Robbe, Charles Welch, B.S.	Mt. Carroll	EDUC	Genl	Sr	S	
Robbe, Marjorie J.	Mt. Carroll	LAS	Genl	Jr		I
Robbins, Betty Jeanne	Warrensburg	LAS	Genl	Fr		I
Robbins, Irving Lewis	Granite City	LAS	Genl	Fr	S	I
Robbins, Kenneth Carl, B.S., M.S., Ph.D.	Chicago	GRAD	Chem	C	S	
Robbins, Margaret Anne	Urbana	LAS	Genl	Sr		I II
Robbins, Raymond Keith	Nokomis	LAS	Chem	Fr	S	I
Roberson, William Sheard	Chicago	PHARM	Pharm	4	Sp	S F
Roberts, Evelyn Virginia	Farina	LAS	Genl	Fr	I	II
Roberts, Fred L., Jr.	Chicago	PHARM	Pharm	4	Sp	S F
Roberts, George Albert, A.B., B.S.	Chicago	MED	Med	4	Sp	S F
Roberts, Glenn Holman	Chicago	JNL	Jnl	Sr	S	I II
Roberts, Harry Morris	Chicago	ENG	Genl	Fr		I
Roberts, John Curtin, A.B., A.M.	Kansas	GRAD	Educ	U	S	
Roberts, Leigh Milton	Macomb	MED	Med	2	Sp	S F W
Roberts, Lorraine Janda, B.S.	Urbana	GRAD	Engl	U		I
Roberts, Marjorie Mae	Ypsilanti, Mich.	LAS	Genl	Fr		II
Roberts, Mary Lou	Thompsonville	AGR	HEcon	So	I	II
Roberts, Phyllis Arlene	Akron, Ohio	LAS	Genl	Jr		I II
Roberts, Shirley June	Champaign	LAS	Genl	Fr	I	II
Roberts, Thomas Fredrick	Edwardsville	LAS	Genl	Fr		II
Roberts, William Harry	Elgin	COM	LD	So		I II
Robertson, John Garrow, M.D.	New Westminster, Canada					
Robineau, Marjorie Joy	Chicago	MED	Otolaryng	PG		W
Robinson, Andrew Charleston	Baldwin, Mich.	JNL	Jnl	Jr	S	I II
Robinson, Barbara Ruth	Six, Iowa	UGRAD		EM		II
Robinson, Camilla Verlia, B.Ed., M.S.	East St. Louis	LAS	Genl	Fr		I II
Robinson, Claire Alexia	Chicago	GRAD	Educ	U	S	
Robinson, Doris Evelyn	Chicago	LAS	Pjnl	Fr		I II
Robinson, Erla Darling	Chicago	LAS	Genl	Fr		I II
Robinson, Fred Abe	Evanston	AGR	HEcon	Fr		I II
Robinson, George Edward, B.S.	Chicago	LAS	DGS	Fr		II
Robinson, Hobart Clay, B.S.	Louise, Miss.	GRAD	AnHusb	U		I II
Robinson, Irwin	Humboldt	GRAD	Educ	U	S	
Robinson, James Edward	Chicago	DENT	Dent	4	Sp	S F W
Robinson, Joseph Ross, A.B.	Silver City, N.Mex.	LAS	Genl	Fr		I II
Robinson, Julia Juanita	Mexico, Mo.	GRAD	Hist	U	S	
Robinson, Lorin Eugene	McLean	FAA	Arch	Fr		II
Robinson, Margaret Mallory	Pocatello, Idaho	UGRAD		EM		II
Robinson, Marilyn Anne	Maywood	LAS	Genl	So		II
Robinson, Mark Tabor	Decatur	JNL	Ejnl	Fr		I
Robinson, Marvin Jack, B.S.	Oak Park	LAS	Chem	Sr	S	I II
Robinson, Richard Clark, B.S.	Chicago	DENT	Dent	4	Sp	S F W
Robinson, Robert Doyle	Chicago	MED	Med	4	Sp	S F
Robinson, Rosemary Susan	Champaign	LAS	Genl	Fr		I
Robinson, William W., B.Ed.	Gardner	AGR	HEcon	Fr		I II
Roby, Doris May	Coulterville	MED	Med	3	Sp	S F W
Roby, William Louis	Detroit, Mich.	LAS	Genl	Fr		II
Roby, William Thompson	Chicago	COM	LD	Fr		II
Rocco, Guy	Windsor	ENG	Genl	So		I II
Rochow, Caroline Violet	Chicago	PHARM	Pharm	Spec	S	
Rochow, Julia Augusta	Chicago	COM	UD	Jr		I II
Rockwell, Harriet Esther, B.S.	Chicago	JNL	Jnl	Jr		I II
Rodemich, Eugene Albert	Oneida, N.Y.	GRAD	Chem	U	S	I II
Roder, Richard L.	East St. Louis	UGRAD		EM		I
Roder, Thomas Michael	Joliet	UGRAD		EM		II
Roderque, Daniel Lawrence	Joliet	LAS	Genl	So	S	I II
Rodgers, Dolomite Marguerite	Waukegan	PE	PE	Fr		I II
Rodin, Norman David	Chicago	PE	PE	Fr		I II
Rodrick, Guy Edward	Chicago	DENT	Dent	1		W
Rodriguez, Derrien Aristides, C.E.	Chicago	LAS	Genl	Jr	S	I II
	Santo Domingo, Dominican Re-public					
Roe, David Meyer	Chicago Heights	GRAD	CE	U		S I II
Roe, Lois Myrtle	Park Ridge	DENT	Dent	2	Sp	S F W
Roebuck, Steven Walter	Chicago	LAS	Genl	Jr		I
Roelle, Louis	Chicago	UGRAD		EM		II
Roemhild, Franklin Neal	Chicago	UGRAD		EM		II
Roessler, William Ansel	Naperville	MED	Med	1		W
Roffman, Selwyn Zee	Chicago	ENG	EE	Jr		I
Rogal, Lenore Joan	Chicago	COM	LD	So		1
	Omaha, Nebr.	COM	LD	So		1
	Chicago	LAS	Genl	Fr		I II

Rogers, Dorothy Jean	Chicago	FAA	Art	So	I	II
Rogers, Groun Wass	Kingsport, Tenn.	MED	Laryng	PG	F	
Rogers, Helene Horen	Springfield	UGRAD		EM	I	
Rogers, Jeanne Perdilla	Farina	LAS	HEcon	Fr	I	II
Rogers, Lawrence Winchester	Chicago	FAA	Arch	Sr	I	II
Rogers, Margaret Adeline	Wyoming	LAS	Genl	Fr	I	II
Rogers, Samuel S.	Champaign	UGRAD		EM	I	II
Rogers, Shirley June	Farina	JNL	Jnl	Em	I	II
Rohde, JoAnn	Le Roy, Ohio	LAS	Genl	Fr	I	II
Rohde, Milton William	Chicago	LAS	DGS	Sr	I	II
Rohde, Phyllis Junel	Chicago	LAS	Genl	Fr	I	II
Rohling, Mary Lou	Elgin	LAS	Genl	Fr	I	II
Rohwedel, Ingeborg Gerda	West Chicago	AGR	HEcon	So	I	II
Roive, Clifford Eugene	Champaign	FAA	Arch	Fr	I	
Roland, Irma Jean	Champaign	LAS	Genl	So	I	II
Roland, Roberta	La Grange	LAS	Genl	So	I	II
Roland, Thomas	La Grange	LAS	Genl	Fr	I	
Rolf, Frank Henry	Virginia	AGR	Genl	Fr	I	
Rolison, Donna Jean	Marshall	FAA	Mus	Fr	I	II
Roll, Dorothy Eileen, B.S.	Brocton	AGR	HEcon	Sr	S	
Rolley, Margaret Elizabeth	Crawfordsville, Ark.	FAA	Arch	Sr	I	II
Rollie, Orris Oliver, A.B., B.S.	St. Paul, Minn.	MED	Med	3		W
Rollins, Dale Austin	Canistota, N.Y.	UGRAD		EM		II
Roloff, Marjorie Giese, B.S.	Homer	GRAD	Educ	U	S	II
Roman, Sophie Hope	Chicago	FAA	Art	Fr	I	II
Romersberger, Irma Elaine Kerr	Chicago	FAA	Mus	Sr	I	II
Romick, Wilma Agnes	Harmon	LAS	Genl	So	I	
Romienic, Edward John	Chicago	FAA	ArchEng	So	I	II
Romig, Keith Duane	Kewanee	LAS	PMed	Fr		
Rominger, Virginia Elizabeth	Shelbyville	FAA	Art	Jr	S	
Romm, Betty Ann	Atlanta, Ga.	LAS	PJnl	Fr	I	II
Roorda, James Daley	Elmhurst	MED	Med	2	Sp	S F W
Roos, Barbara Jean	Waukegan	LAS	Genl	Sr	S	I II
Roos, John Herbert	Waukegan	PE	PE	Fr	S	I II
Roosa, Jan	Urbana	PE	PE	Fr	I	II
Roosa, Walter Laidlow, A.B.	Urbana	GRAD	Mus	U	S	I II
Root, Clarice Irene, A.B., A.M.	Urbana	GRAD	Engl	U	S	
Root, Maurice Thomas, A.B.	Athens	GRAD	Educ	EM		II
Rooth, Frances Shirley	Chicago	LAS	Genl	Fr	I	
Ropp, Evelyn Jean	Gibson City	LAS	Genl	So	I	II
Rosario, Carmen Margarita	Manati, Puerto Rico	LAS	Genl	Sr	I	II
Rose, Betty Ann	Bloomington	LAS	Genl	Sr	S	I II
Rose, Gene Hugh	Champaign	COM	LD	Fr	I	II
Rose, Louise Estelle	Shaker Heights, Ohio	LAS	Genl	Fr	I	II
Rose, Margaret June	Rantoul	JNL	EJnl	Fr	I	II
Rose, Mary Françoise	Bloomington	LAS	Genl	Fr	I	II
Rose, Mona	Chicago	MED	MED	2	Sp	I W
Rose, Phyllis Jeanne	Chicago	LAS	DGS	So	I	II
Roseberry, Robert Parsons, B.S.	Riverton	GRAD	SWA	U	I	
Rosell, Jon Ericson	Royal Oak, Mich.	MED	Med	1		W
Rosellini, Jean Adele	Summit	LAS	Genl	Jr	I	II
Rosen, Clifford Muron	Davenport, Iowa	ENG	ME	Fr	S	I
Rosen, David	New Britain, Conn.	UGRAD		EM		II
Rosen, David Siegal	Chicago	LAS	PLaw	Fr	I	
Rosen, Eunice Ruth	Glencoe	LAS	DGS	Fr	I	
Rosen, Herbert Norman	Chicago	DENT	Dent	1		W
Rosen, Irwin Elwood	Chicago	MED	Med	3	Sp	S F W
Rosen, Janice Ruth	Chicago	LAS	Genl	Jr	I	II
Rosen, Lorraine Sonia	Chicago	LAS	Genl	So	I	
Rosen, Ted, B.S.	Chicago	DENT	Dent	4	Sp	S F W
Rosenu, Jane Ruth	Des Plaines	COM	LD	So	I	II
Rosenbaum, Arnold Nathan	Deerfield	LAS	Genl	Fr	I	
Rosenbaum, Marilyn Ruth	Chicago	PE	PE	Fr	I	II
Rosenberg, Burton Yale	Chicago	LAS	Genl	Jr	I	II
Rosenberg, Caryl Esther	Chicago	LAS	Genl	Fr	I	
Rosenberg, Corinne Joy	Chicago	LAS	Genl	Fr	I	II
Rosenberg, Judith	Chicago	LAS	Genl	Fr	I	II
Rosenberg, Lawrence	Woodmere, N.Y.	AGR	Genl	Fr	S	
Rosenberg, Lenore Jean	Granite City	LAS	Genl	Fr	I	II
Rosenberg, Lester Jerome	Chicago	COM	LD	Fr	I	II
Rosenberger, Martin, Jr.	Chicago	UGRAD		EM		II
Rosenberry, Robert P., B.S.	Riverton	GRAD	SWA	U	I	II
Rosenbloom, Marjorie Ruth	St. Louis, Mo.	LAS	OccTher	Fr	I	
Rosenblum, Barbara	Chicago	LAS	Genl	Sr	I	II
Rosenblum, Leigh Edward	Chicago	LAS	PMed	Fr	I	II
Rosenblum, Louis	Farrell, Pa.	MED	Med	1		W
Rosenblum, Phillip Marvin	Far Rockaway, N.Y.	COM	UD	Jr	I	II
Rosenblum, Vivian Judith	Chicago	LAS	Genl	Fr	I	II
Rosenburger, Barbara Ann	Chicago	LAS	Genl	Fr	I	II
Rosenburgh, Mary Ellen	Wayne City	COM	LD	Fr	I	II
Rosenburgh, Patricia Anne	Rockford	LAS	Genl	Fr	I	II
Rosencranz, Howard Alex	Winona, Minn.	UGRAD		EM		II
Rosenfeld, Bernard	Chicago	COM	LD	So	S	I II
Rosenfeld, Beverly Janet	Chicago	LAS	Genl	Fr	I	II
Rosenfeld, Dorothy	Chicago	ENG	AeroE	So	I	II
Rosenfeld, Helen Marie	St. Louis, Mo.	LAS	Genl	Fr	I	II



Rosenfeld, William Howard	Chicago	UGRAD		EM		II
Rosenstein, Arlene Frances	Chicago	LAS	Genl	So	I	II
Rosenthal, Florence	Chicago	LAS	Genl	So	I	II
Rosenthal, Irving	Chicago	LAS	Genl	Fr		II
Rosenthal, Joan Caryl	Chicago	LAS	Genl	Fr		I II
Rosenthal, Louis, B.S.	Chicago	ENG	EE	Sr	S	
Rosenthal, Patsy Jane	Jacksonville, Fla.	LAS	Genl	Fr		I II
Rosenthal, Pauline Lee	Chicago	LAS	Genl	Fr		II
Rosenthal, Ruth Dianne	Chicago	LAS	Genl	Jr		II
Rosenzweig, Carolyn Joyce	Chicago	LAS	PJnl	So		I
Rosin, Helene Mae	Chicago	LAS	DGS	Fr		I II
Rosinski, Albin Martin	Chicago	AGR	Genl	Fr		II
Roske, Maureen Eleanor, B.Mus., M.Mus.	Mt. Carroll	GRAD	Mus	U	S	
Rosky, Burton Seymour	Chicago	LAS	Chem	So		II
Rosner, Marshall Joseph	Chicago	ENG	Genl	Fr		II
Rosner, Marvin Aron	Chicago	MED	Med	3	Sp S F	W
Rosner, Shirley Sylvia	Chicago	LAS	Genl	So		I II
Ross, Betsy Ruth	Urbana	LAS	Genl	Jr		I II
Ross, Dorothea Radmacher, B.Ed.	Springfield	GRAD	Educ	U	S	
Ross, Ferdinand William	Chicago	LAS	Genl	Fr		II
Ross, George Frederick	Farmington	FAA	ArchEng	Fr		I
Ross, Glenn Elrick, B.S.	Mattoon	MED	Med	4	Sp S F	W
Ross, John Anthony	Chicago	UGRAD		EM		II
Ross, John Edward	Chicago	LAS	Genl	Fr		I
Ross, Linda Schnepel	Chicago	LAS	Genl	Fr		I
Ross, Lois Rosalind	Manistee, Mich.	AGR	HEcon	Fr		I II
Ross, Lorena Anne	College Park, Md.	LAS	Genl	Jr		I II
Ross, Mary Frances	Galveston, Tex.	FAA	ArchEng	Jr		I II
Ross, Otis Eugene, B.S., M.S.	Richmond, Ind.	GRAD	DHusb	U		II
Ross, Priscilla	Rochester	EDUC	Genl	Sr	S	
Ross, Rose Lee	Murphysboro	LAS	DGS	Fr		I II
Ross, Roylee	Virginia	LAS	Genl	Fr	S	
Ross, William Claiborne, Jr.	Little Rock, Ark.	FAA	Mus	Fr		I II
Rossdeutcher, Edward	Chicago	UGRAD		EM		II
Rossdeutcher, John J.	Chicago	UGRAD		EM		II
Rossell, Charles Edward, A.B.	Chicago Heights	MED	Med	4	Sp S F	
Rosselot, Jean Lois, A.B.	Urbana	GRAD	Zool	U		I
Rossen, Phyllis Shyrl	Detroit, Mich.	LAS	Genl	Fr		I II
Rosset, Geraldine	Chicago	LAS	Genl	Fr		I II
Rossetti, Sam Michael	Chicago	UGRAD		EM		II
Rossi, Delores	Chicago	LAS	Genl	Fr		I II
Rossignuolo, Ralph Joseph	Chicago	LAS	Genl	Fr		II
Rossiter, Lewis James, A.B., M.S.	Mattoon	MED	Med	3		W
Rossman, Renee Marilyn	Chicago	LAS	Genl	So	S I	II
Rost, Richard John	Bloomington	LAS	PMed	Fr		II
Rotblatt, Marvin Joseph	Chicago	LAS	Genl	Fr		II
Roter, Ellen C.	Chicago	LAS	PMed	Fr		II
Roth, Emily Mary	Wheaton	LAS	Genl	Fr		I II
Roth, Gilbert Joseph	Chicago	LAS	PMed	So	S	I
Roth, Gus Francis, B.Ed., A.M.	Niantic	GRAD	Educ	U		I
Roth, Lloyd Ernest, B.Ed.	Waukesha	GRAD	Educ	U	S	I II
Rothblum, Ethel	Chicago	LAS	Genl	Fr		II
Rothgangel, Martha Marie	Belleville	LAS	Genl	So		II
Rothgangel, Mary Jeanette	Belleville	LAS	Genl	So		I II
Rothrock, Martha Lois	West Salem	LAS	Genl	Fr		I II
Rothrock, Mary Helen, B.S.	West Salem	GRAD	Educ	U	S	
Rotman, Georgine Adelle	Chicago	MED	Med	4	Sp S F	
Rotter, Harold Alvin	Des Plaines	LAS	PJnl	Fr		II
Rottner, Ethel Ann	La Salle		Unc	S		II
Rottschaefer, Robert Theodore	Katpadi, South India	MED	Med	2	Sp S F	W
Rouse, Floyd L.	Helena, Mont.	UGRAD		EM		II
Routman, Margaret Hortense	Springfield	LAS	Genl	Fr		I II
Rowe, Barbara Joan	Kenney	LAS	PJnl	So		I II
Rowe, Blossom Marilyn	Chicago	LAS	Genl	So		I
Rowe, Edward Moyes	Dallas City	LAS	Genl	Jr		I II
Rowe, Margaret Louise Wright	Alton	PE	PE	So		I II
Rowen, Betty Anne	Freeport	LAS	Genl	Fr		II
Rowitch, Jerome	Chicago	LAS	PMed	Jr		I II
Rowland, Elizabeth Lucile, B.S., A.M.	Springfield	GRAD	Hist	U	S	
Rowland, Ralph Lawrence, B.Chem., M.S.	Houston, Minn.	GRAD	Chem	U	S	I II
Roy, Ann, A.B.	Rossville	GRAD	PolSci	U	S	I
Roy, Phyllis Marie	Kankakee	JNL	EJnl	So		I II
Royer, Colette	Canton	LAS	DGS	Fr		I II
Royer, Mary Alice	Browning	AGR	HEcon	Fr		I II
Royner, Marilyn Cyril	Chicago	FAA	Art	Fr		II
Roynkowitz, Marshall Raymond	Chicago	DENT	Dent	2	Sp S	
Ruben, Eileen Eunice	Chicago	LAS	Genl	Fr		II
Rubenstein, Jean Marie	Springfield	LAS	Genl	Fr		I II
Rubenstein, Joseph	Zurich, Switzerland	DENT	Dent	4	Sp S F	W
Rubenstein, Joseph Leonard, B.S.	Paterson, N.J.	DENT	Dent	4	Sp S F	W
Rubenstein, Melvin, B.S.	Chicago	MED	Med	4	Sp S F	W
Rubenzik, Shirley Doris	Chicago	LAS	Genl	Jr		I II
Rubin, David T.	Brookline, Mass.	UGRAD		EM		II
Rubin, Lucille	Chicago	EDUC	Genl	Jr		I II
Rubin, Marvin Joseph	Chicago	COM	LD	Fr		II
Rubin, Phyllis Lynn	Chicago	LAS	Genl	Fr		II

Rubin, Stanley Sherman	Chicago	COM	LD	Fr		I	II
Rubin, Stuart Lee	Chicago	LAS	Genl	Fr		S	I
Rubin, Wallace	Chicago	MED	Med	3	Sp	S	F W
Rubinstien, Samuel Irwin, B.S.	Chicago	MED	Med	4	Sp	S	F W
Rubio, Mary Kranos, A.B.	Canton	GRAD	Span	U			I
Ruby, Helen Maxine, B.S.	Champaign	GRAD	HEcon	U		S	
Ruby, Homer	Springfield	UGRAD		EM			I
Ruchman, Lawrence	Brooklyn, N.Y.	MED	Med	1			W
Ruda, Frances Wilhelmina, B.Ed.	Danville	GRAD	Educ	U		I	II
Ruderf, Carolyn Lucille	La Salle	LAS	Genl	Fr			II
Ruderman, Marshall	Chicago	DENT	Dent	1			W
Rudman, Jerome Herbert	Chicago	COM	LD	So			I II
Rudnik, Lois Marie	Forest Park	LAS	PJnl	Fr		I	II
Rudolph, Allen Davis	Anna	FAA	Arch	Fr			II
Rueb, John Otto	Ingleside	LAS	Genl	Fr		I	
Ruehe, Richard Williams	Urbana	LAS	Genl	So			I
Ruehr, Henry L.	Chicago	MED	Med	4	Sp	S	F
Rueter, Helen Theresa	Gillespie	LAS	Genl	Fr			I II
Rueter, Mary Loretta	Gillespie	COM	LD	Jr		S	I II
Ruff, Laurence Hazelrigg	Indianapolis, Ind.	LAS	Genl	So			II
Ruff, Louis	Chicago	PHARM	Pharm	4	Sp		
Ruff, Walter Henry	Downers Grove	COM	LD	Fr		S	I
Ruhnaw, Lawrence Arthur	Sadorus	ENG	CE	Fr			I
Rulison, Clyde Augustus, A.B.	Paxton	MED	Med	4	Sp	S	F W
Rumack, David Robert	Chicago	DENT	Dent	2	Sp	S	F W
Rumble, Alice Henley	Laurel, Miss.	LAS	PJnl	Fr			II
Rundle, Helen Crawford, A.B.	Champaign	GRAD	Educ	U		S	
Rundquist, John Frederick	Moline	AGR	Genl	Sr			I II
Runge, James E., A.B.	Western Springs	GRAD	Educ	U		S	
Runge, Wallace Fred	Chicago	LAS	Chem	Jr			I II
Runyon, Willard Miller, A.B., M.S.	Casey	GRAD	Educ	U		S	
Ruppert, Robert Cloyd	Forest Park	PHARM	Pharm	1			W
Rusch, Kenneth Henry	Manitowoc, Wis.	MED	Med	1			W
Rush, Cecil Dale	Blue Mound	AGR	Genl	Fr			I II
Rushakoff, Sidney Louis	Chicago	FAA	Art	Sr			I II
Rushing, Dorothy Beal, A.B., A.M.	Urbana	GRAD	Engl	U		S	I II
Russell, Carole Kathleen	Springfield	COM	LD	Fr			I II
Russell, Delpha Eva, B.Ed., A.M.	Industry	GRAD	Educ	U		S	
Russell, Helen Ruby, B.Ed., A.M.	Carbondale	GRAD	Latin	U		S	I II
Russell, Merle, M.D.	Mary, Pa.	MED	Laryng	PG			F
Russell, Robert Schenke	Maywood	LAS	Genl	So		S	I II
Russell, Ruth Virginia, A.B.	Glen Ellyn	GRAD	Bact	C			F W
Russell, Susan Joan	Bloomington	FAA	Art	Jr			I II
Russman, Howard Burno	Chicago	MED	Med	2	Sp	S	F W
Rusteberg, Fern Alice, B.S.	Chicago	MED	Med	1			W
Ruth, Dorothy Jane	Chicago	LAS	Genl	So			I II
Ruth, Marjorie Frances	Andover, Mass.	FAA	Art	Jr			I II
Ruthenberg, Alvin Jack, B.S.	Urbana	GRAD	TAM	U			I II
Ruthenberg, Rhoda Kane, A.B.	Urbana	GRAD	Engl	U		S	I
Ruther, Jeanne Mae	Aurora	COM	LD	Fr			I II
Ruther, Robert Earl	Chicago	FAA	Art	Fr			I
Rutherford, Jessie Kirk, B.S.	Grand Forks, N.Dak.	MED	EOccTher	Fr			I W
Rutherford, John Alva	Blue Springs, Mo.	UGRAD		EM			II
Rutherford, Joseph Carroll, B.Ed.	Decatur	GRAD	Educ	EM			I II
Rutherford, Myrtle Susan, B.Ed.	Decatur	GRAD	Educ	EM			I II
Rutledge, Robert Webster	Peoria	COM	LD	Fr			I
Ruvituso, Henry Edward	Chicago	ENG	AeroE	Fr			II
Ruyle, Clifford Norvel	Hardin	COM	LD	So		S	I II
Ruzek, Jeanne Marie	Chicago	LAS	Genl	Fr			I II
Ryan, Beth Dunham	Evanston	JNL	Jnl	Jr			I II
Ryan, Charlotte, A.B.	Springfield	UGRAD		EM			I
Ryan, Dorothy Marie	Gilman	LAS	DGS	Fr			I II
Ryan, Jean Louise	Streator	LAS	Genl	Fr			I II
Ryan, Joan Lucile	Streator	LAS	Genl	Fr			I II
Ryan, Kent Maurice	Tonica	AGR	Genl	So		S	
Ryan, Martha Elizabeth	Frankfort, Ind.	LAS	Genl	So			I II
Ryan, Mary Helen, B.S.	Pontiac	GRAD	Chem	U		S	I II
Ryan, Natalie Mary	Chicago	LAS	Genl	So			I II
Ryan, Patricia Lou	Urbana	FAA	Art	Fr			I II
Ryan, Weldon Ernest, B.Ed.	Hartsburg	GRAD	Educ	U		S	
Ryder, Cordelia Alberta	Winchester	LAS	Genl	Fr			I II
Ryder, Donald Porter	Dayton, Ohio	LAS	Chem	Fr		S	I
Ryder, Martha Jane	St. Louis, Mo.	LAS	Chem	Fr			I II
Saaby, Jeanne Thelma	Chicago	FAA	Art	Fr			I II
Saar, Howard Frederick, B.Ed.	Bloomington	GRAD	Educ	U			I II
Saavedra, Richard Alfonso	Midlothian	MED	Med	2	Sp	S	F W
Sabath, Mildred Rochelle	Chicago	LAS	Genl	Sr			I II
Sabath, William	Chicago	COM	LD	Fr			I II
Sachnoff, Howard Jerome	Chicago	COM	LD	Fr			I II
Sachs, Abraham	Far Rockaway, N.Y.	PE	PE	Jr			I II
Sachs, Louise Theodora	Chicago	LAS	PJnl	Fr			II
Sachsel, Dorothy Jane	Chicago	LAS	Genl	Jr			I II
Sachtleben, Wayne Carl	New Minden	ENG	CE	Fr			I
Sack, Leo Paul	Worcester, Mass.	UGRAD		EM			II
Sadow, Belle	Chicago	LAS	Genl	Jr			I II

Safford, Myra Anne	Maquon	AGR	HEcon	Sr	I	II
Sage, Gloria Marion	Chicago	LAS	Genl	Fr	I	II
Sagen, Louise Marvel	Springfield	UGRAD		EM	I	II
Sager, Grace	Chicago	LAS	Genl	So	I	II
Sagle, Charles Herbert	Aurora	LAS	Genl	Fr	I	II
Saile, William Ellis	Evanston	COM	LD	Fr		II
Sailor, Danton Bridgeford	Chillicothe	LAS	Genl	Sr	S	I
St. Clair, Joan Claire	Glen Ellyn	LAS	Genl	Jr		I
St. Clair, Mary Jean	Chicago	AGR	HEcon	Fr		II
St. Clair, Robert Gordon	Glen Ellyn	LAS	Genl	Fr	S	I
St. John, Helen Louise	Champaign	LAS	Genl	So		I
St. Marie, Eugene Joseph, B.Ed.	Newport, Vt.	GRAD	French	U	S	I
Sakolsky, Albert Harold	Chicago	COM	LD	Fr	S	I
Salisbury, Ralph Dewey, Jr.	Westerville, Ohio	UGRAD		EM		II
Salk, Marilyn	Chicago	LAS	PMed	Fr		II
Salk, Robert Salem	Chicago	LAS	Genl	So	S	I
Sallee, Kenneth Fay	Genlaw	AGR	Genl	Fr	I	II
Saller, Charlene Marilyn	Beecher	LAS	Genl	Fr	I	II
Salstone, Marilyn Rose	Chicago	LAS	Genl	Fr	I	II
Saltz, Eli	Chicago	LAS	PMed	So		I
Saltz, William Eli	Chicago	DENT	Dent	2	Sp	S
Saltzberg, Judith	Waukegan	AGR	HEcon	Fr		I
Saltzman, Leon Marvin	Chicago	DENT	Dent	1		W
Saltzman, Roberta Marion	Chicago	LAS	Genl	So		I
Salyers, Charlotte Ann	Monticello	PE	PE	So		I
Samelson, Martha Elizabeth	Oregon	AGR	HEcon	Fr		I
Samore, Arthur Setrak, B.S.	Jacksonville	GRAD	Accy	U	S	
Samors, Josef Joel, D.D.S., M.S.	Chicago	GRAD	Path	C		F
Samotny, Howard	Chicago	COM	LD	Fr	S	I
Sampson, Emma, A.B.	Urbana	GRAD	Educ	U		II
Sampson, Francis Thiel	Bloomington	ENG	EE	So		II
Samson, Ellen Nelly	Chicago	COM	UD	Sr	S	I
Samuels, Douglas Elmer	Chicago	ENG	CE	Fr		I
Samuelson, Gladys Lucille	Hutchinson, Kans.	LAS	Genl	Sr		I
Samuelson, Ralph Eugene, A.B.	Bondville	MED	Med	4	Sp	S
Sand, Donald Robert	Springfield	COM	UD	Jr		I
Sanders, Betty Jane	Alton	AGR	Flor	So		I
Sanders, Dola	Centralia	EDUC	Genl	Sr		I
Sanders, Jean Lois	Chicago	LAS	Pjnl	Fr		I
Sanders, Samuel Taylor, B.S.	Rock Island	DENT	Dent	4	Sp	S
Sanders, Shirley Anne	Waverly	LAS	Genl	So		I
Sanders, Theodore Frederick	Rockford	ENG	Genl	Fr		II
Sanderson, Guy Keith, B.S., LL.B.	Stronghurst	LAW	Law	2	S	
Sandford, Priscilla	Pontiac	LAS	Genl	So		I
Sandhaus, Elaine	New York, N.Y.	LAS	Genl	So		I
Sandler, Gertrude Ann	Indianapolis, Ind.	LAS	Genl	So		I
Sandquist, Marilyn Alice	Chicago	AGR	HEcon	Sr	S	I
Sandretto, Mary Lorraine	Gillespie	COM	LD	Fr		I
Sands, George Dewey, B.S., M.S.	Urbana	GRAD	Chem	U	S	I
Sanford, Betty Jean	Urbana	LAS	Genl	Fr		I
Sanford, Edgar Nordlund, A.B., A.M.	Lake Forest	GRAD	Educ	EM		I
Sanford, Marion Jean	Champaign	FAA	Mus	Jr		I
Sanford, Mary Marguerite, B.S.	Weldon	GRAD	Educ	U		I
Sangdahl, Donald Warren	Western Springs	AGR	Genl	Fr		I
Sansone, Eileen Johanna	Forest Park	UGRAD		EM		II
Santos, David Russell	Lowell, Mass.	LAS	Genl	Fr		II
Saperstein, Robert Menard	Chicago	LAS	Genl	Fr	S	I
Saperstein, Sidney Stanley	Chicago	LAS	Genl	Fr	Sp	S
Sapin, June Babette	St. Louis, Mo.	LAS	Genl	Fr		I
Saposnick, Matthew Marvin	Chicago	DENT	Dent	1		W
Saposnik, Ruth	Chicago	LAS	Genl	So	S	I
Saquin, Evalene Anita	Chicago	FAA	Mus	So		I
Sarby, Cecil Boneta, A.B., A.M.	Galesburg	GRAD	Educ	EM		I
Sargent, Barbara Louise	Powell, Wyo.	FAA	Mus	Jr		I
Sarjeant, John Alexander	Grand Rapids, Mich.	UGRAD		EM		I
Sarnat, Leonard Arthur	Chicago	MED	Med	2	Sp	S
Sasaki, Hideo	Poston, Ariz.	FAA	LArch	Sr		I
Saslow, Ernest Joseph, A.B.	Chicago	MED	Med	4	Sp	S
Sathmary, Marie Nadine	Brooklyn, N.Y.	LAS	PMed	So		I
Satin, Virginia Roselee	Kalamazoo, Mich.	FAA	Art	Fr		I
Satorius, Joan Irene	Athens	LAS	Genl	Fr	S	I
Satter, Joseph DeLee	Chicago	PHARM	Pharm	1	Sp	S
Satterlee, Frances Jeanne	Glen Ellyn	LAS	Genl	So		I
Satz, Harriet	Chicago	LAS	Genl	Jr		I
Satz, Louis Kalmun	Chicago	COM	LD	Fr	S	I
Sauer, Gordon C., B.S.	La Salle	MED	Med	4	Sp	S
Sauer, Wilbur Waterman	Gibson City	LAS	Genl	Jr	S	I
Saulmon, Dolores Evelyn	Mt. Carmel	AGR	HEcon	Fr		I
Saunders, Barbara Jean	Danville	LAS	Genl	Fr		I
Saunders, Clifford Edgell	Chicago	UGRAD		EM		II
Saunders, James Henry, B.S.	Hopkinsville, Ky.	GRAD	Chem	U	S	I
Saunders, Lois Jeanne	Marion	FAA	Mus	Fr		I
Savage, Edith Garland, A.B., A.M.	Peoria	GRAD	Educ	EM		II
Savage, Everett D., B.Ed.	Sadorus	GRAD	Educ	U		I
Savage, John	Chicago	UGRAD		EM		II

Savage, Lorraine	Chicago	PE	PE	Fr	I II
Savage, Lulu Thelma	Denver, Colo.	UGRAD		EM	II
Savage, Ruby Thelma Hails, B.Ed.	Sadorus	GRAD	Engl	U	I
Savage, Sally Ann	Champaign	LAS	Genl	So	I
Sax, Betsye Rose	Chicago	LAS	Genl	Jr	I II
Sax, Blanche Mildred	Chicago	LAS	Genl	Sr	S I II
Saxon, Lawrence	Chicago	LAS	PMed	Fr	S I
Saxon, Phyllis Anne	Chicago	LAS	PMed	So	S I II
Saxon, Richard George	Chicago	MED	Med	3	Sp S F W
Saylor, Shirley June	Gilman	FAA	Mus	Fr	I II
Saylor, James Frederick, B.S.	Hutchinson, Kans.	DENT	Dent	4	Sp S F
Scalapino, William Henry	Santa Barbara, Calif.	MED	Med	1	W
ScalPELLI, Edmond Sante	Gary, Ind.	DSSWV		Fr	I II
Scammell, Arthur Lewis	Canandaigua, N.Y.	PE	PE	Fr	I
Scanlan, Albert W.	Chicago	UGRAD		EM	II
Scanlin, Betjean M.	Olney	PE	PE	So	I II
Scarano, Joseph Albert, M.D.	Philadelphia, Pa.	MED	Laryng	PG	S
Scardino, Frank Joseph	Chicago	UGRAD		EM	II
Scarduzio, Margery Ann	Ossining, N.Y.	LAS	PJnl	Fr	II
Schaad, Doris Elaine	Princeville	PE	PE	Fr	I II
Schaad, Hazel Elizabeth, B.S.	Princeville	AGR	HEcon	Irr	S
Schaar, Frances Elizabeth, A.B., M.S.	Mt. Morris	MED	Med	3	Sp S F W
Schad, Donna Jean	Normal	AGR	HEcon	Jr	I II
Schaefer, Arthur Walter	Chicago	ENG	Genl	So	S I II
Schaefer, Darlene Marie	Streator	LAS	Genl	Sr	I II
Schaefer, Ethel Mills	Springfield	UGRAD		EM	I
Schaefer, Herman Fred, Jr.	Chicago	ENG	EPhy	Sr	I II
Schaefer, Jane Louise	Streator	AGR	HEcon	Jr	I II
Schaefer, Robert Nicholas	Homewood	ENG	ME	Unc	I II
Schaeffer, Robert	Glendale, Calif.	UGRAD		EM	II
Schafale, Doris Lou	Marion	FAA	Art	Fr	I II
Schaffer, Harry John	Columbia	LAS	ChEng	So	I II
Schaffner, Carol Lois	Chicago	JNL	Jnl	Jr	I II
Schaffner, Muriel Rochelle	Chicago	LAS	Genl	Jr	S
Schager, Seng A.	Wilmette	UGRAD		EM	II
Schairer, Arne Everett	Burlington	MED	Med	2	Sp S F W
Schaller, Philip Douglas	Chicago	COM	UD	Sr	S I
Schamp, Lawrence	Detroit, Mich.	UGRAD		EM	II
Schanck, Roger Dall	Chicago	PE	PE	So	I
Schank, Raymond Stanley	Norwood Park	UGRAD		EM	II
Scharfenberg, Jeanne Marie	Streator	LAS	DGS	Fr	I II
Scharmer, Robert Keith	Oak Park	LAS	ChEng	Fr	I II
Schatzman, Lawrence	Chicago	LAS	PMed	Fr	I II
Schatzman, Vivian Rochelle	Chicago	LAS	Genl	So	I II
Schaub, Priscilla Jean	Oak Park	LAS	OccTher	So	I
Schayes, Hazel Ruth, A.B.	Brownstown	MED	Med	4	Sp S F
Scheck, Josephine Anne	La Salle	AGR	HEcon	Fr	I II
Scheel, Richard Edgar	Wheaton	Med	Med	2	Sp S F W
Scheele, Arah-Dean Phyllis	Springfield	LAS	Genl	Fr	II
Scheidecker, Frederic Ross, B.S., M.S.	Peoria	GRAD	Educ	U	S I II
Schell, Donald Charles	Chicago	ENG	Cer	Sr	S I II
Schell, Phyllis Halcie	Chicago	LAS	Genl	So	I II
Schemitsch, Edward Joseph	Chicago	UGRAD		EM	II
Schenk, Mary Louise	Kansas City, Mo.	LAS	Genl	Sr	I II
Schenk, William Earl, B.S., A.M.	Bozeman, Mont.	GRAD	German	U	I II
Schenk, William Vincent	Chicago	UGRAD		EM	II
Scherer, Earl August	Buffalo, N.Y.	UGRAD		EM	II
Scherer, Helen Duglison	Evaston	LAS	Genl	Sr	I II
Scherer, Jerry Edward	Olney	ENG	ME	Fr	I
Schermer, Estelle Grace	Granite City	LAS	Genl	So	I II
Schero, Beverly Betty	Chicago	LAS	Genl	Fr	I II
Schertiger, Ann Marie	Champaign	LAS	Genl	So	I II
Schertz, Carolyn Metcalf	Danvers	FAA	Mus	Fr	I II
Schertz, Helen Gene	Washington	LAS	Genl	So	I II
Scherwat, Donald Hacker	Chicago	PE	PE	Fr	II
Scheufele, Glen Calvin	Kansas City, Mo.	ENG	EE	Jr	I II
Schewe, Elmer John, Jr.	Clayton, Mo.	MED	Med	1	W
Schiermeyer, Betty Lu	Edwardsville	LAS	DGS	Fr	I II
Schiesher, Annabel Katherine	Hampshire	LAS	Genl	Sr	S I
Schiff, Devora	Chicago	LAS	Chem	Fr	I II
Schiff, Martha May	Webster Groves, Mo.	LAS	Genl	So	I II
Schiff, Robert Wesley	Urbana	ENG	Genl	Fr	I
Schiff, Samuel Barrett	San Francisco, Calif.	LAS	PMed	Fr	II
Schiffedercker, Robert Henry	Belleville	ENG	EE	Fr	I II
Schilke, Warren Roger	Springfield	LAS	ChEng	So	I II
Schiller, Filmore	Chicago	MED	Med	3	Sp S F W
Schilt, Howard Leroy	Olney	AGR	Genl	Fr	I II
Schimensy, Rosanna	Springfield	UGRAD		EM	II
Schlacks, Richard John	Western Springs	ENG	EE	Fr	I
Schlagenhauf, Caroline Agnes, B.S.	Quincy	LIB	LibSci	1	S
Schlecht, Eleanor Jane	Rossville	LAS	Genl	Sr	I II
Schlecht, Lois Jean	Elgin	LAS	Genl	Fr	I II
Schleden, Harold George	Chicago	UGRAD		EM	II
Schleevogt, Helen Louise	Ottawa	LAS	Genl	So	II
Schlehuber, Robert Clarence	Peoria	ENG	Genl	Jr	I II
Schlesinger, Eleanor Adele	Chicago	FAA	Art	So	I II

Schlesinger, Robert B.	Chicago	MED	Med	3	Sp	S	F	W
Schoemer, Howard Frederick, B.S., B.S., M.S.	Menomonee, Wis.	MED	Med	1	Sp	S	F	W
Schlotthauer, Joseph	Chicago	LAS	Genl	Sr	S	I		
Schmelzle, William Joseph	Freeport	JNL	Jnl	Sr	S			
Schmidt, Agatha May	Chicago	FAA	Art	Fr		I	II	
Schmidt, Arline Marie	Chicago	LAS	DGS	Jr		I	II	
Schmidt, Barbara Lou	Chicago	ENG	CE	Fr		I	II	
Schmidt, Jay Herman	Chicago	MED	Med	3	Sp	S	F	W
Schmidt, Joe Walter	St. Louis, Mo.	COM	LD	Fr		I	II	
Schmidt, Lawrence Albert	Chicago	UGRAD	EM			I	II	
Schmieg, Bonnie Jean	Ottawa	PE	PE	So		I	II	
Schmitt, James Albert	Edwards	LAS	Genl	Fr		I	II	
Schmitt, Patsy	Carlinville	LAS	Genl	Sr		I	II	
Schmitz, Marion Barbara	Chicago	EDUC	Genl	Sr		I	II	
Schmitz, Mildred Clare	La Salle	EDUC	Genl	Jr	S			
Schmunk, Grace Harriett	Park Ridge	LAS	Speech	Jr		I	II	
Schmaarc, Venita Eudora	Staunton	LAS	Genl	Fr		I	II	
Schnabberger, Lois Jean	Riverside	LAS	Genl	Fr		I	II	
Schnackenberg, Paul	Chicago	LAS	Genl	Fr		I		
Schnars, Charles Fredrick	Clearfield, Pa.	UGRAD	EM			I	II	
Schneewind, John H.	Chicago	MED	Med	2	Sp	S	F	W
Schneider, Elinor Nelda	Oak Park	LAS	Genl	Fr		I	II	
Schneider, Howard William, A.B.	Chicago	MED	Med	4	Sp	S	F	
Schneider, Janet Clara, A.B.	New Orleans, La.	GRAD	Psychol	U		I	II	
Schneider, Marvin Harold	Chicago	LAS	Genl	So		I	II	
Schneider, Nila Jean	East St. Louis	AGR	HEcon	Fr		I	II	
Schneider, Ruth Carroll	Tecumseh, Mich.	LAS	Genl	Fr		I	II	
Schneider, William	Chicago	UGRAD	EM			I	II	
Schnitz, Sydney Edward	Chicago	LAS	PMed	Fr	S	I		
Schobert, Rudolph Carl	Chicago	PHARM	Pharm	3	Sp	S	F	W
Schobinger, Raymonde	Chicago	LAS	DGS	Fr		I	II	
Schoch, Mabel Iris, B.S.	Freeport	GRAD	Educ	U	S			
Schoen, Geraleene Marie	Litchfield	LAS	Genl	Fr		I	II	
Schoenberger, Richard Stephan	Oshkosh, Wis.	FAA	Arch	Jr		I	II	
Schoeneberg, Elmer Louis	Steeleville	AGR	Genl	Fr		I	II	
Schofield, Ruth Ellis, B.S.	Shelbina, Mo.	GRAD	Educ	EM		I	II	
Scholes, Eleanor	Decatur	JNL	EJnl	Fr		I	II	
Scholl, Virginia Ruth	St. Charles	FAA	Art	Fr		I	II	
Schoon, Theodore C.	Forreston	PHARM	Pharm	4	Sp	S	F	W
Schoonmaker, Jane Ann	Urbana	LAS	Genl	Fr		I	II	
Schoopf, William Grant	Momence	DSSWV		Fr		I	II	
Schorow, Mitchell	Chicago	LAS	PMed	So	S	I	II	
Schottman, Gerhard William, Jr., A.B.	Montrose	MED	Med	2	Sp	S	F	W
Schour, Lionel	Chicago	LAS	PMed	So		I	II	
Schrader, Lillian Irene	Bridgeport	AGR	HEcon	Jr		I	II	
Schram, Robert R.	Chicago	UGRAD	EM			I	II	
Schreiber, Julie Alice	Canton	LAS	Genl	Fr		I	II	
Schreiber, Walter Joseph, Jr.	Chicago	LAS	PMed	Fr		I	II	
Schreier, Konrad Foeste, Jr.	Highland Park	LAS	ChEng	Fr		I		
Schricker, Bruce Sutherland	Rockford	COM	UD	Sr	S	I	II	
Schroder, Robert Craig	Rock Island	LAS	Genl	So		I	II	
Schroeder, Carl William	Elmhurst	MED	Med	2	Sp	S	F	W
Schroeder, Dorothy Zella	Richview	AGR	HEcon	So		I	II	
Schroeder, Vlasta Hanold, B.S.	Springfield	UGRAD	EM			I	II	
Schroeder, Winona Ruth	Altamont	LAS	Genl	So		I	II	
Schroepfer, Edward James, B.S.	Champaign	GRAD	Mus	U	S			
Schroth, Abbie Marie	Effingham	EDUC	Genl	Sr	S	I		
Schubert, Jewell Emma, B.S., M.S.	Chicago	GRAD	Math	U		I	II	
Schubert, Norma Jane	Champaign	LAS	Genl	Fr		I	II	
Schubert, Patricia Mardis	Silvis	LAS	Genl	So		I	II	
Schuder, Jean Louise	Sumner	AGR	HEcon	So		I	II	
Schug, Philip Charles, A.B., B.D.	Urbana	GRAD	Soc	U		I	II	
Schuiling, Erna Irene	Baudetta, Minn.		Unc	S				
Schulman, Carol Florence	Hewlett, N.Y.	LAS	PJnl	Fr		I	II	
Schulman, Esther	Chicago	LAS	Genl	So		I	II	
Schulman, Richard Thomas	Chicago	LAS	PDent	Fr		I	II	
Schulte, William Charles	Vandalia	DENT	Dent	3	Sp	S	F	W
Schultheis, Geneva Elizabeth, A.B.	Graymont	GRAD	SocSci	U		I	II	
Schultz, Audrey Irene	Berwyn	FAA	Art	Fr		I	II	
Schultz, Carl E., Jr.	Hinsdale	LAS	Genl	So		I	II	
Schultz, Frank William	Arlington Heights	UGRAD	EM			I	II	
Schultz, Patricia Jeanne	Chicago	FAA	Art	Fr		I	II	
Schultz, Robert L.	Racine, Wis.	UGRAD	EM			I	II	
Schultz, William Richard	Kenosha, Wis.	DSSWV	Fr			I	II	
Schulz, Alexander Henry G., A.B., A.M.	Urbana	GRAD	Class	U		I	II	
Schulz, Charles Earl	Chicago	UGRAD	EM			I	II	
Schumacher, Anselm John	Chicago	COM	LD	Fr		I		
Schumacher, Margaret Louise	Chicago	LAS	Genl	So		I	II	
Schumaker, Flora Louella	Carmi	AGR	HEcon	Fr		I	II	
Schumaker, John Abraham	Marshall	LAS	Genl	Jr	S	I	II	
Schumann, Teresa Mauritte	Crete	AGR	HEcon	Fr		I	II	
Schumer, William	Chicago	LAS	PMed	Fr	S			
Schunk, George James, A.B., B.S.	Sheridan, Wyo.	MED	Med	3			W	
Schussler, June Rose	Orland Park	LAS	Genl	So		I	II	
Schuster, Bea M., B.S.	Highland	GRAD	Educ	EM	S		II	

Schutz, Dale Elinor	Rushville	AGR	HEcon	Jr				1	II
Schutz, George Edward	Hillview	FAA	Art	Fr				1	II
Schutz, Paul Jeffrey, A.B.	Chicago	MED	Med	4	Sp	S	F		
Schwab, Burton Saul	Brooklyn, N.Y.	UGRAD		EM					II
Schwab, Lenna Woods, A.B., M.S.	Champaign	LIB	LibSci	1		S			
Schwab, Phyllis Carol	Elmhurst	LAS	OccTher	Jr				1	II
Schwabe, Herbert Gerald	Chicago	UGRAD		EM				1	II
Schwager, Mary Elizabeth, B.S.	Chenoa	GRAD	HEcon	U					
Schwalbe, Gertrude Carol	Urbana	FAA	ArchEng	So				1	II
Schwambach, Mary Jane	Table Grove	JNL	EJnl	Fr				1	II
Schwark, Eileen Katherine	Chicago	PE	PE	Sr				1	II
Schwartz, Dolores Jeanelle	Urbana	LAS	Genl	Jr				1	II
Schwartz, Edith	Chicago	LAS	Genl	Fr				1	II
Schwartz, Edward, Jr., B.Ed.	Rankin	GRAD	Educ	U				1	II
Schwartz, Edward Harold	Chicago	COM	LD	So		S		1	II
Schwartz, Eleanor Rose	Chicago	LAS	Genl	So				1	II
Schwartz, Irving	Chicago	FAA	Arch	So		S		1	II
Schwartz, Jean Elizabeth	Kenosha, Wis.	MED	MedIllus	PG					W
Schwartz, Joseph Jack	Plainfield, N.J.	LAS	Genl	Jr				1	II
Schwartz, Melvin Louis	Chicago	MED	Med	2	Sp	S	F	W	
Schwartz, Milton Meyer	Chicago	FAA	Arch	Fr				1	II
Schwartz, Morton	Arverne, N.Y.	MED	Med	1					W
Schwartz, Natalie Bernice	Chicago	FAA	Art	Fr				1	
Schwartz, Rosabelle	Efingham	LAS	Genl	Fr				1	II
Schwartz, Sally Hazel	Chicago	LAS	Genl	Jr		S			
Schwartz, Elizabeth Wilhma, B.Ed.	Alton	GRAD	Educ	EM				1	
Schwartz, Guenter, Ph.D.	Champaign	FAA	Mus	Irr				1	
Schwarz, Inge	Champaign	COM	LD	Fr		S		1	
Schwarz, Wilfred John, B.S., M.D.	Little Rock, Ark.	MED	Laryng	PG				F	
Schwarzbach, Harlan Hershall	Springfield	COM	LD	Fr					II
Schwarzlose, Paul Fowler, B.S.	Champaign	GRAD	EE	U				1	II
Schweitzer, Irvin LeRoy	Naperville	MED	Med	2	Sp	S	F	W	
Schwerdtfeger, Verena Helen	Altamont	LAS	Genl	Fr				1	II
Schwied, William Ellis, A.B.	Chicago	MED	Med	4	Sp	S	F		
Scislowicz, Miecislau John	Chicago	DENT	Dent	4	Sp	S	F		
Scobbie, John E.	Springfield	UGRAD		EM				1	
Scott, Annabel Jean	Champaign	JNL	Jnl	Sr				1	II
Scott, Betty Bernyce	Chicago	LAS	DGS	Fr				1	II
Scott, Doris Eleanor, A.B.	Chicrisman	LAS	Genl	Irr		S			
Scott, Florence Adelia	Decatur	UGRAD		EM					II
Scott, Gerry Dee, Jr.	Wyoming	JNL	Jnl	Jr		S		1	II
Scott, Isabell Thompson	Ogden	LAS	Genl	Jr				1	II
Scott, Jo Anne	Oak Park	LAS	Genl	So				1	II
Scott, Marion Kathryn, B.S., M.S.	La Salle	GRAD	Educ	EM		S		1	
Scott, Marshall Jewell, B.S., A.M.	Yorkville	GRAD	Educ	U				1	II
Scott, Mary Francis, A.B., A.M.	Jacksonville	GRAD	Engl	U		S			
Scott, Merrill Blood	Lincoln	COM	UD	Jr				1	II
Scott, William Jordan, B.S., A.M.	Urbana	GRAD	Educ	U		S		1	II
Scroggin, John Alton	Mt. Pulaski	COM	LD	Fr				1	II
Seaborg, Lillian Ruth	Chicago	COM	LD	Fr				1	
Seales, Elizabeth Virginia	Auburn	LAS	Genl	Sr				1	II
Seamon, Edna Mary	Mattoon	JNL	Jnl	Jr				1	II
Searle, Gordon Wentworth, B.S.	Cranston, R.I.	MED	Med	4	Sp	S	F	W	
Searls, Virginia Williams, A.B.	Urbana	GRAD	Hist	U		S		1	II
Seaton, Jack Winston	Bushnell	ENG	AeroE	Fr				1	II
Seay, Charles Edward	Springfield	COM	UD	Sr				1	II
Sebastian, Nettie Elaine	Robinson	LAS	Genl	So				1	II
Sebek, Roy Otto, B.S.	Chicago	GRAD	Chem	C		S			
Sedgwick, Marilyn	Peoria	FAA	Art	So				1	II
Seeber, Charles William	Decatur	LAS	Genl	Fr		S		1	
Seeber, Dorothy Ann	Champaign	COM	UD	Sr				1	II
Seeber, Lucille Theresa	Champaign	COM	LD	Fr				1	II
Seed, Kathryn Deanne	Urbana	EDUC	Genl	Jr		S		1	II
Seedon, Albert Edward	Chicago	UGRAD		EM					II
Seeds, Beverly Arlene	Buda	LAS	Genl	Sr				1	II
Seeds, Robert Glenn	Bradford	DENT	Dent	2	Sp	S	F		
Seegmiller, Dorothy Carolyn	Chicago	LAS	HEcon	Fr				1	II
Seekamp, Frederick William, Jr.	Springfield	LAS	Genl	Jr		S		1	II
Seeliase, Paul Gottfried	Forest Park	UGRAD		EM					II
Seen, Ruth Yvonne	Chicago	JNL	Jnl	Jr				1	II
Sefcik, Irvin Frank	Cicero	UGRAD		EM					II
Segal, Jerome Howard	Chicago	LAS	PMed	Fr		S			
Segal, Peter Bernard, B.S.	Chicago	MED	Med	3	Sp	S	F	W	
Segall, Manuel Jacob	Savannah, Ga.	ENG	ME	Fr					II
Segedin, Leopold Bernard	Chicago	FAA	Art	Fr				1	II
Seglin, Melvin Horman	Chicago	LAS	PMed	Fr				1	II
Segreti, Alphonso A.	Chicago	PHARM	Pharm	1					W
Sehy, Angela Monica	Springfield	UGRAD		EM				1	
Seibold, LeRoy Earl	Livingston, Calif.	UGRAD		EM					II
Seibold, Richard LeRoy	Peoria	ENG	CE	Fr				1	II
Seidel, Marjorie Alma	Rankin	EDUC	Genl	Jr				1	II
Seidel, Richard Maurice	Chicago	COM	LD	Fr				1	II
Seideman, Joseph Israel	Chicago	LAS	Genl	Fr				1	
Seiden, Harold David	Chicago	PE	PE	Fr				1	
Seidner, Howard Mayo, B.S.	Chicago	MED	Med	4	Sp	S	F		
Seiler, Peter Joseph	Chicago	UGRAD		EM					II

Seim, Blanche Eloise	Thomson	LIB		Unc	S		
Selan, Kate Toby	Chicago	LAS	PMed	Fr		I	II
Selby, Donald Bruner	Willow Hill	ENG	Genl	Fr		I	
Selby, Ursula Kirschbaum	Manteno	LAS	Genl	Sr		I	II
Selett, John William, B.Ed., M.S.	La Salle	MED	Med	U			W
Self, Harriet Maurine, A.B., A.M.	Sauvemin	GRAD	Educ	1	S		
Selcovitz, Elaine Ione	Champaign	PE	PE	So		I	II
Seligman, Daniel	Athens	COM	UD	Sr		I	II
Selimos, Gloria Mary	Oak Park	LAS	Genl	Jr		I	II
Sell, Dorothy Judith	Chicago	MED	Med	2	Sp	S	F W
Sell, Elaine Margaret	Chicago	LAS	Genl	So		I	II
Sellers, Lee Monroe, B.Ed.	Colusa	GRAD	Educ	EM	S	I	II
Selley, William Arthur	Chicago	JNL	EJnl	Fr		I	II
Sellstrom, Richard Elmer	Mattoon	ENG	ME	Fr		I	
Selmer, Harry	Chicago	UGRAD		EM			II
Senger, John David	Franklin Grove	COM	UD	Sr		I	II
Senn, William Franklin, B.S.	Urbana	GRAD	Educ	U	S	I	II
Sentel, Anna Irene	Arthur	COM	LD	Fr		I	II
Senteney, Joseph Bouck, B.Ed.	Lerna	GRAD	Educ	U	S		
Sentinella, Jean Underwood, A.B.	Chrisman	GRAD	Engl	U	S		
Septow, Irwin	Chicago	LAS	Genl	Fr			II
Serepinas, Lucille	Westville	LAS	Genl	Fr		I	II
Serochy, Andrew Anthony	Chicago	UGRAD		EM			II
Serpico, Ralph Martin	Melrose Park	PE	PE	So		I	
Serson, John Joseph	Chicago	ENG	ME	Sr			II
Sessler, Lenore Ruth	Cleveland Heights, Ohio	LAS	Genl	Fr		I	II
Setzekorn, Anna May	Mt. Vernon			Unc	S		
Severson, James Melvin	Rockford	MED	Med	4	Sp	S	F W
Sewell, Doris Caroline	Murphysboro	LAS	Genl	Jr	S	I	II
Sexton, Edith Louise	Chicago	AGR	HEcon	Fr		I	
Sexton, Haskell Orlando, B.S., M.S.	Urbana	GRAD	Mus	U		I	II
Sexton, Robert Ross	Ipava	MED	Med	3	Sp	S	F W
Seybold, Mary Anice, A.B., A.M.	Perry	GRAD	Math	U	S	I	II
Seyller, Richard Lewis	Chicago	AGR	PFor	So		I	II
Shade, Barbara Jean	Rivera, Calif.	AGR	Flor	Fr		I	II
Shadle, Paul Wolfgang	Ringwood	ENG	EPhy	Sr	S		
Shadley, Glen William	Effingham	ENG	ME	Fr		I	
Shafer, Mary Louise	Chicago	LAS	DGS	Fr		I	II
Shaffer, Hazel Marie	Pontiac	EDUC	Genl	Jr	S		
Shaffer, Owen Vernon, B.S., M.S.	Princeton	GRAD	Chem	EM		I	
Shaffer, Robert Wilton	St. Louis, Mo.	ENG	Genl	Fr	S		
Shafron, Harriet	Chicago	LAS	Genl	Fr	S		
Shaftal, Elaine Estelle	East St. Louis	LAS	Genl	So		I	II
Shaimen, Martin Robert	Chicago	LAS	PDent	Fr	S		
Shainman, Leo	Brooklyn, N.Y.	UGRAD		EM			II
Shaiova, Charles Herman, B.S.	Chicago	MED	Med	4	Sp	S	F W
Shalit, Eugene Michael	Morristown, N.J.	LAS	DGS	So		I	II
Shalowitz, Lenore Harriet	Chicago	LAS	Genl	Fr		I	II
Shaltis, Walter Joseph	Cicero	ENG	EE	Jr		I	II
Shands, Edgar Orlando	Chicago	PE	PE	Fr		I	II
Shane, Orville	Chicago	COM	LD	Fr	S		
Shaner, Charles Henry	Oil City, Pa.	DENT	Dent	2	Sp	S	F W
Shaner, Herbert Joy	Wheaton	LAS	Genl	Fr		I	II
Shanfield, Norman	Chicago	LAS	PLaw	Fr		I	II
Shank, John Winston, A.B., M.S.	Lake Forest	GRAD	Educ	EM		I	
Shankman, Adeline	Chicago	LAS	Genl	So		I	II
Shannon, Frederick Albert, B.S.	Champaign	MED	Med	2	Sp	S	F W
Shannon, Frieda Marie, A.B.	Joliet	GRAD	Bact	C		S	F W
Shannon, Robert Carl	Maywood	ENG	ME	Fr			II
Shapiro, Abraham Jacob, B.S.	Mendota	DENT	Dent	4	Sp	S	F
Shapiro, Annette Harriet	Chicago	LAS	Genl	Fr		I	II
Shapiro, Beverly	Chicago	LAS	Genl	Fr		I	
Shapiro, Daniel, B.S.	Chicago	MED	Med	4	Sp	S	F W
Shapiro, Elliott Seymour	Chicago	COM	LD	Fr		I	II
Shapiro, Gerald	Chicago	LAS	PMed	Fr		I	II
Shapiro, Harry Robert, B.S.	Chicago	DENT	Dent	4	Sp	S	F
Shapiro, Lester	Chicago	LAS	Genl	Fr		I	II
Shapiro, Nehemiah	Chicago	COM	LD	So		I	II
Shapiro, Paul	Chicago	LAS	Genl	Fr		I	
Shapiro, Richard Allen	Chicago	PHARM	Pharm	1			W
Shapiro, Sally	Chicago	LAS	Genl	So		I	II
Shapiro, Seymour William	Chicago	MED	Med	1	S	I	W
Shapiro, Shirley	Chicago	LAS	Genl	Fr		I	II
Shapiro, Sylvia Ida	Chattanooga, Tenn.	FAA	Art	Jr		I	II
Share, Isaiiah Anatole	Chicago	MED	Med	2	Sp	S	F W
Share, Seymour Joseph	Jamaica, N.Y.	FAA	Mus	Fr		I	II
Sharfman, Marcia Marilyn	Chicago	LAS	Genl	Fr		I	II
Sharp, Ethel May	Springfield	UGRAD		EM		I	
Sharp, Evelyn Clarissabell, B.S.	Muncie, Ind.	LIB	LibSci	1	S		
Sharp, George Robert	Springfield	FAA	Arch	Jr		I	II
Sharp, Helen Marie	Morris	LAS	Genl	Fr		I	II
Sharp, James Henry	Casey	ENG	Genl	Fr		I	
Sharp, Rosemary	Eureka	AGR	HEcon	Fr		I	II
Sharpe, Cecil A., B.Ed.	Spring Valley	GRAD	Educ	EM	S	I	II
Sharpe, Donald Martin, A.B., A.M., Ed.M.	Joliet	GRAD	Educ	U		I	

Sharts, Phyllis Regenia	Scotia, N.Y.	LAS	Genl	So		1	11	
Shattuck, Mildred Lemira	Belvidere	LAS	Genl	Sr		1	11	
Shavell, Henry	Ozone Park, N.Y.	UGRAD		EM				
Shaw, Arline Louise	Chicago	LAS	Genl	So		1	11	
Shaw, Betty Lorraine	Belvidere	LAS	Genl	Sr		1	11	
Shaw, Jacqueline Mary	Decatur	LAS	Genl	Fr		1		
Shaw, Mary Isabel	Wilmette	LAS	Genl	Fr		1		
Shay, Margo Jean	Effingham	LAS	DGS	Fr		1		
Shea, Mary Margaret	Springfield	LAS	Genl	Jr			11	
Shearer, Mary Louise	Wyoming	LAS	Genl	Jr		1	11	
Shechter, Jacob	Chicago	LAS	Genl	Fr	S	1		
Shedd, Nevils Samule, Jr.	East St. Louis	ENG	CE	Fr		1	11	
Sheehan, Walter, Jr.	Blue Island	UGRAD		EM				
Shefferman, Layne	Chicago	LAS	Genl	Sr		1	11	
Shelton, Ethel Mae	Urbana	LAS	Genl	So	S		11	
Shepard, Eileen	Danville	LAS	Genl	So			11	
Shepard, Margaret Beardsley	Duluth, Minn.	LAS	Genl	Sr		1	11	
Shepard, Richard Herbert	Riverside	COM	UD	Jr	S	1	11	
Shepard, Trent Allen, B.S.	Normal	LAW	Law	3	S	1	11	
Shepard, Willis B., A.B., B.S., M.D.	Eugene, Ore.	MED	Laryng	PG	S			
Shepherd, Douglas Alfred, Ph.D.	Urbana	GRAD	Chem	U	S			
Shepler, Jean Carroll	Lincoln	LAS	Genl	Jr		1	11	
Sheppard, Jean Kathryn	Alton	LAS	Genl	Jr		1	11	
Sheppard, Patricia	Alton	MED	OccTher	4	S	F	W	
Shepro, Merrill James, B.S.	Berwyn	DENT	Dent	4	Sp	S	F	W
Sher, Dolores Jean	Chicago	LAS	Genl	Fr		1	11	
Sher, Helen Beryl	St. Louis, Mo.	LAS	Genl	Sr		1	11	
Sherbin, Bertha	Chicago	LAS	Genl	Fr			11	
Sheridan, Susan Ann	Highland Park	LAS	Genl	Fr		1		
Sherman, Adele	Chicago	EDUC	Genl	Jr		1	11	
Sherman, Allan Gerald	Chicago	JNL	Jnl	Jr	S		11	
Sherman, Bennett Richard	Chicago	MED	Med	3	Sp	S	F	W
Sherman, Diane Bernice	Chicago	LAS	Genl	Sr	S	1	11	
Sherman, Edward Lawrence	Chicago	LAS	Chem	Fr	S			
Sherman, Harold Michael	Chicago	COM	LD	Fr			11	
Sherman, Joan Marjorie	Chicago	LAS	Genl	So		1	11	
Sherman, Maurice James, Jr.	Chicago	DENT	Dent	2	Sp	S	F	
Sherman, Millicent Beverly	Chicago	PE	PE	Jr	S	1	11	
Sherman, Rhea	Chicago	LAS	Genl	So		1	11	
Sherman, Saramae	Oak Park	LAS	OccTher	So	S	1	11	
Sherman, Seymour Jaral	Chicago	LAS	Genl	Fr	S	1		
Sheris, Marilyn Lou	Buffalo, N.Y.	LAS	Genl	Fr		1	11	
Sherrod, Theodore Roosevelt, A.B., M.S.	Town Creek, Ala.	GRAD	Pharmacol	C	Sp	S	F	W
Sherwood, Margaret Florence	Evanston	FAA	Art	Sr	S	1	11	
Shesler, John William, B.S.	Genoa	DENT	Dent	4	Sp	S	F	W
Shewhart, Shirley Jean	Atwood	LAS	DGS	Fr		1	11	
Shewmake, Floyd Franklin	East Orange, N.J.	MED	Med	4	Sp	S	F	
Shickman, Rola Lea	St. Louis, Mo.	LAS	Genl	So		1	11	
Shields, Don, B.Ed., A.M.	Hindsboro	GRAD	Educ	U	S			
Shiels, Anna Katherine	Lakewood	LAS	Genl	So		1	11	
Shiels, Jean Suzanne	Chicago	LAS	Genl	Fr		1		
Shifrin, Richard Glenn	Chicago	LAS	PMed	Fr		1	11	
Shiley, Peggy, A.B.	Warsaw	GRAD	Speech	U	S	1		
Shimkus, George Joseph	Naperville	MED	Med	2	Sp	S	F	W
Shimkus, Phyllis Jane	Westville	COM	UD	Jr	S	1	11	
Shipley, Ira Dixon	Springfield	UGRAD		EM		1		
Shirasawa, Takeo Howard	Ann Arbor, Mich.	LAS	ChEng	So		1	11	
Shirley, Nettie Virginia	Urbana	FAA	Mus	Sr		1		
Shishow, Vera Victoria	Chicago	LAS	Genl	Fr		1	11	
Shklair, Anne	Chicago	LAS	Genl	Fr		1	11	
Shlensky, Eloise Jay	Kansas City, Mo.	LAS	Genl	Fr		1		
Shmulevith, Max Sidney	Chicago	MED	Med	2	Sp	S	F	W
Shoemaker, Ollie Stewart, A.B.	Mound City	GRAD	Hist	U	S			
Shoemaker, Veeda Inez	Champaign	LAS	Genl	Fr		1	11	
Sholem, Stanford Howard	Champaign	COM	LD	Fr		1		
Shols, Doris Elizabeth	Peoria	LAS	DGS	Fr		1	11	
Shore, Norman Marvin, B.S.	Chicago	MED	MED	4	Sp	S	F	
Shore, Sigmund Marvin	Chicago	LAS	ChEng	Fr		1	11	
Shorr, Benjamin	Chicago	COM	UD	Jr	S	1	11	
Short, Ardath Ernestine, B.S.	Roodhouse	GRAD	Educ	U	S			
Short, Ellin Ruth	Chicago	FAA	Art	Fr		1	11	
Short, James Marvin	Berwyn	COM	LD	Fr			11	
Short, Mabel Thompson	Ogden	EDUC	Genl	Fr	S			
Shotwell, Odette Louise, B.S.	Bozeman, Mont.	GRAD	Chem	U		1	11	
Shoulders, Robert LeRoy	Flat Rock	LAS	ChEng	Fr		1		
Shrank, Edith	Chicago	FAA	Art	Jr		1	11	
Shrifter, Norman, B.S.	Chicago	MED	Med	4	Sp	S	F	W
Shryack, Joseph Oliver, B.Ed.	Bloomington	GRAD	Educ	U		1	11	
Shuck, Avis Gwinn	Urbana	LAS	DGS	So		1	11	
Shudnow, Norma Beverly	Chicago	LAS	Genl	Fr		1	11	
Shulruff, Walter, B.S.	Chicago	DENT	Dent	4	Sp	S	F	W
Shumaker, Hannah Jean	Muncie	LAS	Genl	Fr		1		
Shuman, Lillian Anne	Chicago	LAS	Genl	Jr		1		
Shumway, Gertrude	Chicago	LAS	Genl	So	S	1	11	
Shurson, Laurel Jean	Highland Park	LAS	Genl	So	S	1	11	
	Aurora	LAS	DGS	Fr		1	11	



Shurte, Marcia Arlene	Lowell, Ind.	PE	PE	So	S	I	II
Shurtleff, Mildred Elise Bossing	Western Springs	LAS	Genl	So		I	
Shuster, Norma Grace	Springfield	LAS	Genl	Jr		I	
Sibthrop, Helen Virena, A.B.	Warrensburg	GRAD	Math	U	S	I	II
Sickley, Jerome Floribert	Leonore	MED	Med	3	Sp	S	F W
Sidebottom, Omar Marion, B.S.	Urbana	GRAD	TAM	U		I	II
Sidell, Franklin DuBois	Joliet	LAS	Genl	So		I	II
Sieck, Curtis Boyd	Martell, Nebr.	UGRAD		EM		II	
Sieferman, Helen Louise	Urbana	LAS	OccTher	Fr		I	II
Sieferman, Ruth Lillian	Urbana	LAS	Genl	Jr	S	I	II
Siefferman, Frances Katherine, B.S.	Albion	EDUC	Genl	Sr	S		
Siegal, Franklin Ellis	Chicago	COM	LD	So	S	I	II
Siegel, Bernard Max	Chicago	MED	Med	1		W	
Siegel, Bruce David	New York, N.Y.	LAS	Pjnl	Fr		II	
Siegel, Sanford Julian	Chicago	COM	LD	Fr		I	
Siegel, Shirley Riva	Chicago	LAS	Genl	Fr		I	II
Siegfried, Joan Marie	Chester	LAS	Genl	Fr		I	II
Siegmeier, Leon Burt	Freeport	LAS	PLaw	Fr		I	
Siegmund, Laura May, A.B.	Aurora	GRAD	Econ	U	S	I	II
Siegmund, Otto Hanna, D.V.M.	Detroit, Mich.	GRAD	AnPath	U		II	
Siekmann, Eleanor Ruth	Beardstown	AGR	HEcon	Sr	S	I	II
Sieloff, Myron Arthur	Janeau, Wis.	FAA	Arch	Fr		I	II
Siemen, Esther Ella	Elizabeth	AGR	HEcon	So		I	II
Siemieniec, Lorraine Ann	Chicago	LAS	Genl	Fr		I	II
Sienkiewicz, Edwin Nicholas	Chicago	ENG	Genl	Fr		I	
Sieper, Albert George, Jr.	Quincy	LAS	Genl	Jr	U	I	II
Siess, Chester Paul, B.S., M.S.	Urbana	GRAD	CE	U		I	II
Sieverson, Theodore G.	Chicago	UGRAD		EM		II	
Siewers, Karl Loren, B.Ed.	Chicago	DENT	Dent	1		W	
Siffert, Calvin Solon, A.B.	Carthage	GRAD	Educ	EM	S	I	
Sigel, Edwin Carlyle	Chicago	COM	LD	Fr		II	
Sigmond, Howard	Chicago	LAS	Genl	Fr		II	
Sikkema, William Milfred	Savanna	ENG	CE	Sr		I	II
Silarski, Walter Francis	Chicago	COM	UD	Jr		II	
Silberman, Marilyn Lucille	Chicago	LAS	Genl	Fr		II	
Silberman, Suzanne	Chicago	COM	LD	So		I	II
Silbert, Arthur Fredric	New York, N.Y.	COM	LD	Fr		II	
Silbertrust, Francine Victoria	Chicago	LAS	DGS	Fr		I	II
Silver, Elaine	Chicago	LAS	DGS	Fr		I	
Silver, Robert Jack	Worcester, Mass.	PE	PE	So		I	II
Silverman, Marilyn Pearl	Chicago	LAS	Genl	So		I	II
Silverman, Oscar	Chicago	COM	LD	Fr		II	
Silverstein, Sidney	Chicago	LAS	Genl	So		I	II
Simcox, Carroll Eugene, A.B., B.D., A.M.	Champaign	GRAD	Greek	U	S	I	II
Simkin, Doris Frieda	Chicago	LAS	Genl	Fr		I	II
Simkins, Patricia Anne	De Kalb	LAS	Genl	Fr		I	II
Simmons, Bruce Gordon	Rockford	COM	LD	Fr		II	
Simmons, George Haskel, Jr.	Chicago	EDUC	Genl	Sr		I	II
Simon, Doreen Adele	Kansas City, Mo.	FAA	Art	Fr		I	II
Simon, Gladys	Chicago	JNL	Jnl	Jr		I	II
Simon, Gladys Elizabeth	Chicago	LAS	Genl	So		I	II
Simon, Justin	Omaha, Nebr.	LAS	PMed	Fr		I	II
Simon, Lester	Chicago	COM	LD	Fr		II	
Simon, Marshall Urkov, B.S.	Chicago	MED	Med	4	Sp	S	F W
Simon, Phyllis Jean	Chicago	LAS	DGS	Fr		I	II
Simon, Rochelle	Chicago	JNL	Ejnl	Fr		II	
Simonian, Jack	Waukegan	ENG	Genl	Fr		II	
Simons, Esther Louise	Paris	EDUC	Genl	Sr	S		
Simons, Robert Louis	Chicago	MED	Med	2	Sp	S	F W
Simons, Stanley Jerome	Chicago	DENT	Dent	2	Sp	S	F W
Simons, Willis M., A.B., A.M.	Champaign	GRAD	Engl	U		II	
Simonson, Clifford Harvey, B.S., M.S.	Evanston	GRAD	Agr	U		I	II
Simpson, Audrey Mae	Chicago	LAS	Genl	Jr		I	II
Simpson, Charles Reagen, A.B.	Danville	LAW	Law	3	S	I	II
Simpson, Elizabeth Jones	Iron Mountain, Mich.	EDUC	Genl	Sr		I	II
Simpson, John William	Jennings, Mo.	AGR	Genl	Fr		II	
Simpson, Lannie	Waterproof, La.	UGRAD		EM		II	
Simpson, Robert Kennedy	Woodstock	ENG	EE	Fr	S	I	
Simrall, Dorothy VanWinkle, A.B., A.M.	Morris	GRAD	Psychol	U	S	I	II
Sims, James Eric	Cornell	LAS	Pjnl	Fr		I	
Sinadinos, Bettie Bessie	Chicago	EDUC	Genl	Jr		I	II
Sinclair, Annette, B.S.	Hale, Mo.	GRAD	Math	U		I	II
Sindelar, Virginia Marie	Berwyn	LAS	Genl	Fr		I	II
Sindelar, Vivien Naomi	Berwyn	LAS	Genl	Fr		I	II
Sineeney, James Thomas	Chicago	UGRAD		EM		II	
Sing, Betty Lee	Washington, D.C.	LAS	Genl	Fr		I	II
Singer, Aaron Harry	Chicago	UGRAD		EM		II	
Singer, Harriette	Atlantic City, N.J.	JNL	Ejnl	Fr		II	
Singer, Meyer Jerome	Chicago	MED	Med	3	Sp	S	F W
Singer, Morse Beryl	Urbana	ENG	ME	Jr		I	
Singer, Sarah Swetin	Chicago	LAS	Genl	Jr		I	II
Singleton, Jack Wilson	Roodhouse	MED	Med	4	Sp	S	F
Singsen, Edwin Pierce, B.S., M.S.	Storrs, Conn.	GRAD	AnHusb	U	S		
Sinkula, Lorraine Marie	Chicago	LAS	Genl	Fr		I	II
Sinow, Garland Stanley, B.S.	Dixon	MED	Med	4	Sp	S	F

Sintov, Mois Jossif, B.S.	Sofia, Bulgaria	GRAD	Chem	C	Sp	S	F	W
Sirca, Jacqueline Ann	Springfield	FAA	Art	Fr				II
Sircus, Sidney Bernard	Brooklyn, N.Y.	DENT	Dent	3	Sp	S	F	W
Sirimarco, Robert Fred	Oak Park	DENT	Dent	2	Sp	S	F	W
Sirota, Belle	Davenport, Iowa	LAS	Genl	Sr			I	II
Sisson, Janet Marie	Quincy	LAS	Genl	Jr			S	I II
Sister Ida Marie Adams, A.B.	Springfield	GRAD	Educ	U			S	S
Sister Mary Tharia Baber	Omaha, Nebr.	EDUC	Genl	Sr			S	S
Sister Clement Marie Bach, A.B.	Joliet	GRAD	Econ	U			S	S
Sister Mary Evelyn Brown, Ph.B.	East Moline	GRAD	Educ	U			S	S
Sister Mary Alphonsa Carpenter, A.B., A.M.	Peoria	GRAD	Engl	U			S	S
Sister Mary Lucilla Condon, A.B.	Peoria	GRAD	Latin	U			S	S
Sister Mary Everlids Cummings, B.Ed.	Peoria	GRAD	Educ	EM			S	I
Sister Leo Marie Daly	Springfield	FAA	Mus	Unc			S	S
Sister Mary Ruth Doody, Ph.B.	Springfield	GRAD	Educ	U			S	S
Sister Mary Cecelia Duchene	Springfield	FAA	Mus	Unc			S	S
Sister Mary Bernadette Duffy, A.B., A.M.	New York, N.Y.	GRAD	Educ	U			S	S
Sister Beata Marie Einig	Springfield	FAA	Mus	Unc			S	S
Sister Marie Peter Fegan, A.B.	Northview, Minn.	GRAD	Chem	U			S	S
Sister Aquin Fitzgerald, A.B.	Nauvoo			Unc			S	S
Sister Mary Emevan Foley, A.B.	Joliet	GRAD	Math	U			S	S
Sister Mary Bronisia Granicznaz	Chicago	AGR	H/Econ	Jr			S	I
Sister Ann Therese Hawpers	Springfield			Unc			S	S
Sister Jerome Heyman, A.B.	Chicago	GRAD	LibSci	U			S	S
Sister Mary Christopher Jones	Springfield	FAA	Mus	Unc			S	S
Sister Monica Marie Jordan, A.B.	Springfield	GRAD	Educ	U			S	S
Sister Mary Wilfred Joyce, A.B., A.M.	Springfield			Irr			S	S
Sister Mary Camilla Kennell, A.B., A.M.	Nauvoo	GRAD	Educ	U			S	S
Sister Mary Dora Kenney, A.B., A.M.	River Forest	GRAD	Class	U			S	S
Sister M. Hortensia Kizior	Chicago	PHARM	Pharm	1			S	W
Sister Joseph Marie Koenig	Springfield	FAA	Mus	Unc			S	S
Sister Mary Edwardine Kubisiak	Chicago	AGR	H/Econ	Jr			S	I
Sister Mary Clara Lorio, A.B., B.S., M.S.	New Orleans, La.	GRAD	Bot	U			S	S
Sister Mary Alberta Maas, B.Mus., M.Mus.	St. Louis, Mo.	GRAD	MusEd	U			S	S
Sister Mary Gregory Marquardt, A.B.	Nauvoo	LIB	LibSci	1			S	S
Sister Mary Loretine Miller, A.B.	River Forest	GRAD	Bot	U			S	S
Sister Rita Rose Monaghan, B.S.	Springfield	GRAD	Accy	U			S	S
Sister Marie James Morrissey, B.S., A.M.	Peoria	GRAD	Educ	U			S	S
Sister Michelle Naughton	Springfield			Unc			S	S
Sister Mary Vincent Ferren Neal	Springfield	FAA	Mus	Unc			S	S
Sister Leonie O'Brien, B.Ed.	Peoria Heights	GRAD	Educ	EM			S	I
Sister Mary Rose Powers, A.B., A.B., A.M.	Chicago	GRAD	Speech	U			S	S
Sister Marie Stephen Reges, A.B., A.M.	River Forest	GRAD	Math	U			S	S
Sister Mary Victor Riley, A.B.	Springfield	GRAD	Educ	U			S	S
Sister Mary Monica Ross	Peoria	FAA	Mus	Sr			S	S
Sister Mary Mark Rund, A.B.	Villa Grove	GRAD	Educ	U			S	S
Sister Julianne Scherschel	Nauvoo			Unc			S	S
Sister Mary Raphael Styvaert	Peoria			Unc			S	S
Sister Mary Dorice Suchowski, B.Ed.	Milwaukee, Wis.	GRAD	Math	U			S	S
Sister Joselita Sullivan	Springfield	FAA	Mus	Unc			S	S
Sister Mary Christina Sweeney, B.Ed.	Bloomington	GRAD	Speech	U			S	S
Sister Mary Theophilus Voreck, B.Ed.	Sioux Falls, S.Dak.	GRAD	Educ	U			S	S
Sister Martha Mary Walsh	Springfield			Unc			S	S
Sister Electa Marie Walsh, A.B.	St. Genevieve, Mo.	GRAD	Educ	U			S	S
Sister Mary Damian Young, A.B.	Evergreen Park	PHARM	Pharm	1			S	F W
Sitavich, Sylvia Genevieve	Chicago	FAA	Mus	Fr			S	I
Sitka, Howard Frank	Chicago	LAS	Chem	Sr			S	I II
Siu, Francis Moonkut	Honolulu, Hawaii	ENG	CE	So			S	I
Siver, Richard Avery	Waukegan	LAS	ChEng	Fr			S	I II
Sizer, Eleanor Jane	Fisher	LAS	Genl	Fr			S	I
Sizer, Julie Anne	Champaign	FAA	Art	Fr			S	I II
Skaggs, Earl Raymond	Parsons, Kans.	ENG	EE	Sr			S	I
Skeen, Betty Mae	St. Charles	LAS	Genl	Fr			S	I II
Skeeters, Letha Mae	LAS	LAS	Genl	Fr			S	I II
Skelly, Marye Faye	Kewanee	LAS	Chem	Fr			S	I II
Skib, Irving Louis, A.B.	Sycamore	LAS	Chem	Fr			S	I II
Skidmore, Lottie Myralt, A.B., B.S.	New York, N.Y.	DENT	Dent	1			S	W
Skinner, Ray, Jr.	Bunker Hill	GRAD	LibSci	U			S	S
Sklare, Shirlee Jean	Lancaster	UGRAD		EM			S	S
Sklut, Rella Faye	Detroit, Mich.	LAS	Genl	Fr			S	I II
Skoblikoff, Olga	Morris	LAS	Genl	Fr			S	I II
Skoglund, Joan Fay	Chicago	EDUC	Genl	Jr			S	I II
Skok, Lora Jean	Park Ridge	COM	LD	Fr			S	II
Skolnik, Rhoda	Peru	LAS	Genl	So			S	I
Skoog, Neva Joan	Chicago	LAS	Genl	Fr			S	I II
Skorburg, John Franklin	Neponset	AGR	H/Econ	Sr			S	I
Skorupa, Loretta Barbara	Rockford	COM	LD	Fr			S	I II
Skow, Hazelle	Chicago	LAS	Genl	Fr			S	I II
Skroder, Helen Charlotte	Riverside	JNL	Jnl	Jr			S	I II
Skroder, Ruth Margaret	Urbana	LAS	PJnl	Sr			S	I II
Slama, Joan Lillian Catherine	Urbana	AGR	H/Econ	Sr			S	I II
Slankord, George O.	Chicago	LAS	Genl	Fr			S	I
Slater, Reba Jeanne	Sesser	LAS	Genl	Fr			S	I
Slavick, Bert Jay	Saint Albans, W.Va.	LAS	Genl	So			S	I II
Slevin, Wilda Grace	Chicago	LAS	Genl	Jr			S	II
	New York, N.Y.	LAS	Genl	Sr			S	I

Sliepcevic, Betty Jean	Chicago	LAS	Genl	Fr	I	II
Slinkman, Georgia Evelyn	Belle, Mo.	FAA	Arch	So	I	II
Sloan, Bernadine M.	Morrisonville	LAS	Genl	Sr	I	II
Sloan, Irving Morton	Rochester, N.Y.	LAS	PDent	Fr	I	II
Sloan, Marilouise	Assumption	AGR	HEcon	Fr	I	II
Sloan, Robert James	Chicago	COM	LD	Fr	I	II
Sloboda, Lily Ann	Argo	FAA	Art	So	I	II
Sloser, Arthur	Chicago	PE	PE	Fr	I	II
Slottow, Josephine	Chicago	LAS	Genl	Jr	I	II
Slusser, Rosa Lee	Bement	JNL	Jnl	S	I	II
Small, Betty Ann	Marion	LAS	Genl	So	I	II
Small, Dorothy Lou	Marion	LAS	DGS	Fr	I	II
Small, Jack Edward	Salem	ENG	AeroE	Fr	S	II
Small, John Richard	Harrisburg	LAS	DGS	Fr	I	II
Smaller, Ben Isadore, B.S.	Chicago	MED	Med	2	Sp	S F W
Smargon, Blossom Audrey	Chicago	LAS	DGS	Jr	S	I II
Smargon, Kenneth Ira	Chicago	COM	LD	Fr	S	I II
Smeeton, John Cuthbert	Maywood	DENT	Dent	2	Sp	S F W
Smidl, Shirley Alice	River Forest	LAS	Genl	Fr	I	II
Smiley, Emma Louise	Milford	AGR	HEcon	Fr	I	II
Smiley, Eva Z., B.S.	Cutler	GRAD	Biol	EM	S	II
Smiley, Helen Pauline, B.Ed., A.M.	Galesburg	GRAD	Educ	EM	I	
Smith, Aubrey	Detroit, Mich.	COM	LD	Fr	I	II
Smith, Bailey Madison	Mt. Vernon	LAS	Genl	So	S	
Smith, Bonnie Lea	Chicago	LAS	Genl	Fr	I	II
Smith, Carl Emile, Jr.	Chicago	ENG	AeroE	Fr	I	II
Smith, Charles Herbert	Ottawa	COM	UD	Sr	I	II
Smith, Charles John	Elgin	PE	PE	Fr	I	II
Smith, Charles Webster	Chicago	PHARM	Pharm	3	S	F W
Smith, Charlotte, A.B.	Danville, Ky.	MED	EOccTher	Irr	S	F
Smith, Dana Krauth, Jr.	Wheaton	COM	LD	So	I	
Smith, Danise Joan	Oak Park	LAS	PMed	Fr	I	II
Smith, Darce Wayne	Golconda	AGR	Genl	Fr	I	II
Smith, Donald Ralph	Bridgeport, Conn.	UGRAD		EM	I	II
Smith, Donna Lorraine	Bensenville	LAS	PJnl	Fr	I	II
Smith, Edna Irene	Mattoon	LAS	Jnl	Fr	I	II
Smith, Elwood Ren	Belleville	LAS	Genl	So	I	II
Smith, Everett Chenoweth, Jr.	South Charleston, W.Va.	PHARM	Pharm	1	Sp	S F W
Smith, Floda Victoria, A.B., B.S.	Lincoln, Nebr.	GRAD	LibSci	U	S	
Smith, Flora Philippa	Chicago	EDUC	Genl	Jr	S	
Smith, George Edward, B.S.	Urbana	GRAD	Agron	U	I	
Smith, George L., B.S., M.S.	Madison	GRAD	Educ	EM	I	II
Smith, George William	Coal City	FAA	Art	Sr	S	I II
Smith, Gerald Joseph	Chicago	ENG	ME	Fr	I	
Smith, Gladys Ernestine	Chicago	COM	LD	Fr	I	II
Smith, Guy Neese, B.S.	Rockford	GRAD	Educ	EM	I	II
Smith, Guydell S., B.S., A.M.	Joliet	GRAD	Bact	C	F	W
Smith, Gwendolyn Elaine	Urbana	JNL	Jnl	Jr	S	
Smith, Harold Edwin, Jr.	Riverside	ENG	Genl	Fr	I	II
Smith, Helen Louise	San Jose	EDUC	Genl	Sr	I	II
Smith, Henry DeWillis, B.S.	Woodstock	MED	Med	3	Sp	S F W
Smith, Henry Landiss, A.B.	Champaign	GRAD	Geol	U	I	II
Smith, Henry W.	Chicago	UGRAD		EM	I	II
Smith, Herschel F.	Chicago	UGRAD		EM	I	II
Smith, Ian Murray	Detroit, Mich.	MED	Med	1		W
Smith, Jacqueline Jeannette	East St. Louis	LAS	Genl	Fr	I	II
Smith, James Oliver	Homer	AGR	Genl	Fr	I	
Smith, Jane Tucker	Chicago	LAS	DGS	Fr	I	
Smith, Jean Louise	Chicago	FAA	Art	Sr	I	II
Smith, Jeanne Barbara	Dixon	AGR	HEcon	Sr	I	II
Smith, Joanne Margaret	Danville	LAS	Genl	Jr	I	II
Smith, John Ellis, B.S.	Kansas City, Mo.	GRAD	Educ	U	S	
Smith, Leatha Ellen	Hammond	EDUC		Unc	I	
Smith, Lella Geneva, A.B.	Birmingham, Ala.	LIB	LibSci	1	S	I II
Smith, Leonard Charles, Jr., A.B.	Spokane, Wash.	GRAD	Chem	U	S	
Smith, Leslie Bernard, B.S.	Kansas City, Mo.	GRAD	Educ	U	S	
Smith, Lester Clyde	Chicago	UGRAD		EM	I	II
Smith, Lloyd Howard, A.B., A.M.	Chicago	GRAD	Physics	U	S	I II
Smith, Lois Eloise	Joliet	FAA	Art	Fr	I	II
Smith, Lois Emma	Leland	COM	LD	Fr	I	II
Smith, Lois Marian Anderson	Champaign	LAS	Genl	So	I	
Smith, Lois Moger, B.Ed.	Arcola	GRAD	Educ	U	I	II
Smith, Loretto Winifred, Ph.B., A.M.	East St. Louis	GRAD	Engl	EM	I	
Smith, Lyle Willard, B.S., M.S.	Urbana	GRAD	Physics	U	S	I II
Smith, Mahlon	Mt. Vernon	LAS	Genl	So	S	I
Smith, Marcia Dorothy	Chicago	LAS	Genl	So	I	II
Smith, Margaretha	Monmouth	FAA	Art	Sr	S	I
Smith, Marian Eleanor, A.B.	Canton	GRAD	Span	U	S	
Smith, Marilyn Margaret	Clinton	PE	PE	Fr	I	II
Smith, Marshall Eugene, Ph.B., A.B.	Greenville	GRAD	Soc	U	S	
Smith, Martha Root	Springfield	EDUC	Genl	Jr	S	
Smith, Marvin Frank, A.B., A.M.	Charleston	GRAD	Educ	U	S	I
Smith, Mary Ellenor	Urbana	LAS	DGS	Fr	I	II
Smith, Mary Eva, B.S.	Ozark	GRAD	HEcon	U	S	
Smith, Mary Lou	Champaign	LAS	Genl	Fr	I	II

Smith, Mary Margaret	Golconda	AGR	HEcon	So	I	
Smith, Mary Zee	Chicago	LAS	Genl	Fr		II
Smith, Ober Allen	Brownstown	ENG	Genl	Fr		II
Smith, Patricia Jean	El Paso	FAA	Mus	So		II
Smith, Patricia Louise	Brookfield	LAS	Genl	Fr		II
Smith, Paul Vergon, Jr., A.B., M.S.	Urbana	GRAD	Chem	U	S	II
Smith, Philip	Danville	COM	LD	So		II
Smith, Phyllis Lee	Golconda	AGR	HEcon	Jr	S	II
Smith, Phyllis Ruth	Chicago	COM	LD	Fr		II
Smith, Rex Bernard	St. Louis, Mo.	ENG	Genl	Fr	S	
Smith, Richard Eldon	Decatur	PE	PE	Fr		I
Smith, Robert Clarence	Champaign	PE	PE	Fr		II
Smith, Robert George, B.Mus.	Lincoln	GRAD	MusEd	U		II
Smith, Robert L., A.B.	Moline	MED	Med	4	Sp	S F
Smith, Robert Marion	Thomson	AGR	Genl	Fr		II
Smith, Samuel Lindbergh	Ozark	LAS	DGS	Fr		II
Smith, Sara Evelyn	Palatine	LAS	Genl	Sr	S	II
Smith, Sarah Jane	Belvidere	LAS	Genl	So		II
Smith, Selma Kay	Danville	EDUC	Genl	Jr		II
Smith, Sumner Aaron	Appleton, Wis.	UGRAD		EM		II
Smith, Theresa May	Chicago	UGRAD		EM		II
Smith, Thomas Reuter	Cairo	COM	UD	Jr		II
Smith, Townsend Boughton	Decatur	ENG	CE	So	S	II
Smith, Virginia Gayle	Louisville, Ky.	FAA	Mus	Sr	S	II
Smith, Warren Harding, A.B., M.S.	Urbana	GRAD	Physics	U	S	II
Smith, Warren Roger	Durand	AGR	Genl	Sr		II
Smith, William Russell	Chicago	LAS	Genl	Sr		II
Smolen, Marian Mabee	Rockford	LAS	Genl	So		II
Smotherman, Lawrence Joseph, B.S.	Dupo	GRAD	Educ	U	S	
Smulevitz, Norman	Chicago	LAS	Genl	Fr	S	I
Snapp, Kathryn Louise, B.S.	Urbana	EDUC	Genl	Sr	S	
Sneddon, Anna Mae	Benld	LAS	DGS	So		II
Snell, Carol Blair	La Grange	LAS	Genl	So		II
Snell, Frank Bradley, B.S.	Decatur	MED	Med	4	Sp	S F W
Snell, Perry Gayden, Jr.	Fort Myers, Fla.	UGRAD		EM		II
Snider, Margery Clo	Christopher	LAS	Genl	Fr		II
Snider, Ross A., B.Ed.	Elkville	MED	Med	3	Sp	S F W
Snidow, Harold James, A.B., A.M.	Champaign	GRAD	Educ	U		II
Snoke, John Edward	Buffalo, N.Y.	LAS	ChEng	Sr		II
Snow, Catherine Jessie	Decatur	LAS	DGS	Fr		II
Snow, Willis Everett, A.B., M.S.	Oak Park	GRAD	Entom	U	S	II
Snyder, Bernard Allen	Indianapolis, Ind.	FAA	Arch	Fr		II
Snyder, Betty Alice	Ridgefarm	LAS	Genl	Jr	S	II
Snyder, Elaine Margaret, B.S.	Okobojo, S.Dak.	LIB	LibSci	1		II
Snyder, Henry Arnold	Kansas City, Mo.	LAS	ChEng	Jr	S	I
Snyder, James Newton	Akron, Ohio	ENG	EPhy	Sr	S	II
Snyder, Myers Jack	Chicago	UGRAD		EM		II
Snyder, Nora Marie	Calumet City	LAS	Genl	Fr		II
Snyder, Richard	Maywood	ENG	Genl	So		II
Soban, Martha Florence	Chicago	LAS	Chem	Fr		I
Sobczak, Henry T.	Chicago	PHARM	Pharm	1		W
Sobel, Raye Shirley	Evanston	LAS	Genl	Fr		II
Soberg, Elaine Mae	Maywood	AGR	HEcon	Jr		II
Sobinsky, Hazel Winogene	Lombard	LAS	DGS	Fr		II
Sobrinio, Hilda, B.S.	Arecibo, Puerto Rico	DENT	Dent	4	Sp	S F
Soderholm, Nels Louis, Jr., B.S.	Champaign	LAS	Genl	Irr		II
Soderquist, James Milton	Galva	GRAD	Educ	EM	S	II
Soencksen, Anne Leslie	Chicago	FAA	Art	Fr		I
Sofio, Gilbert F.	Baltimore, Md.	MED	Med	3	Sp	S F W
Sohl, Marjorie Ann, A.B.	Hammond, Ind.	LIB	LibSci	1	S	I
Soklik, Virginia Louise	Riverside	LAS	Genl	Jr		II
Sokol, Anita Beatrice	Chicago	LAS	Genl	Jr		II
Sokol, Edwin David	Oak Park	COM	LD	Fr		I
Sokolowski, Esther Therese	Chicago	LAS	Genl	Fr	S	I
Solar, Alice Mae, B.S.	Chicago	MED	Med	4	Sp	S F W
Solar, Eugene Jay	Chicago	LAS	Genl	So	S	II
Solberg, Elmer Arc	Brentwood, Mo.	COM	LD	Fr		I
Solkeid, Adeline Zderad	Cicero	PE	PE	Sr		II
Sollami, Rose Annette	Aurora	LAS	Genl	So		II
Sollo, Frank W., Jr., A.B.	Urbana	GRAD	Chem	U		II
Soloch, Jerome	Chicago	DSSWV		Fr		II
Solomon, H. James	Chicago	MED	Med	3	Sp	S F W
Solomon, Jack Norman	New York, N.Y.	UGRAD		EM		II
Solomon, Leonard Herbert	Chicago	COM	LD	Fr	S	II
Solomon, Raymond Merton	Chicago	LAS	Genl	Fr	S	II
Solomon, Robert Clark	Bloomington	ENG	Genl	Fr		II
Solotke, Manuel	Chicago	LAS	Genl	Fr	S	II
Solow, Joseph	Chicago	DENT	Dent	4	Sp	S F W
Solway, Jerry	Chicago	LAS	PDent	Fr		II
Somer, Eleanor Zelda	Oak Park	LAS	DGS	Fr		II
Somer, Fay Bernice	Oak Park	LAS	Genl	Jr		II
Sommer, Thomas Peter	Peoria	ENG	AeroE	Fr		I
Sommerman, Kathryn Martha, B.S., M.S.	Mt. Carmel, Conn.	GRAD	Entom	U	S	II
Sommers, Albert Abraham	Chicago	LAS	PMed	Fr		II
Sommers, Janet Beverly	Chicago	LAS	Genl	So		I
Sommers, Theresa Margaret	Springfield	UGRAD		EM		I

Somogyi, William John	Chicago	ENG	ME	So	S	I	II
Sonthheimer, Frederick Raymond	Pittsburgh, Pa.	UGRAD		EM			II
Sopkin, Louis	Chicago	ENG	EPhy	So		I	
Sopkin, Victor	Chicago	LAS	ChEng	Fr		I	II
Sorensen, Florence Evelyn	Champaign	LAS	Genl	Fr		I	II
Sorensen, Gladys Bernice	Champaign	FAA	Art	Fr		I	II
Sorensen, Veryl Roy	Vallejo, Calif.	DENT	Dent	I			W
Sorenson, Melvin Junior	Aurora	COM	LD	Fr			II
Sorkin, Burton, B.S.	University City, Mo.	ENG	CE	Sr		S	
Sorokin, Frances, B.S.	Chicago	GRAD	Zool	U		S	
Sosna, Zoe Ilene	Chicago	LAS	DGS	Fr		I	II
Souchuk, Alex	Brooklyn, N.Y.	UGRAD		EM			II
Soukup, Joseph Anton	Chicago	ENG	ME	Fr			II
Soulon, Virginia Lee	Champaign	FAA	Mus	Fr		I	II
Sowa, Stanley	Chicago	UGRAD		EM			II
Sowinski, Gene Anthony	Berwyn	ENG	ME	Fr		I	II
Soyka, George Jerry	Berwyn	LAS	Chem	Fr			II
Spain, Marjorie Marie, A.B.	Peoria	GRAD	French	U		S	I
Spaitis, Wilfred M., B.S.	Easton	MED	Med	4	Sp	S	F W
Spalding, Ruth, A.B., B.S., M.S.	Marshall, Tex.	GRAD	LibSci	U		S	
Spalter, Beverly Barbara	Chicago	FAA	Art	Fr			II
Spanabel, Helen Margaret	Kewanee	LAS	Genl	So			I II
Spangler, Mildred Ethel, A.B.	Springfield	GRAD	Educ	U			I II
Spanich, Marguerite	Gary, Ind.	LAS	Zool	U			I II
Sparkman, Emma Drew, A.B., M.S.	Sentinel, Okla.	GRAD	Zool	U		S	I II
Sparlin, John Ray, A.B.	Chenoa	GRAD	Educ	EM			I II
Spector, Gertrude	Chicago	LAS	DGS	So			I II
Spegal, Gertrude Josephine	Moline	LAS	Genl	Fr			I
Speidel, Patricia Helen	Rochester, N.Y.	LAS	Genl	Fr			I II
Speirs, Froncie Rue	Champaign	FAA	Mus	Fr			I II
Spektor, Eryk Efraim	New York, N.Y.	UGRAD		EM			II
Spellman, Ella Jane	Lincoln	LAS	PMed	Sr			I II
Spencer, Dean Buckley	Moline	ENG	CE	Fr			I II
Spencer, Dorothy Lee	Champaign	LAS	Genl	So		S	I II
Spencer, Glenn Ebert	Jacksonville	UGRAD		EM			II
Spencer, Jean	Springfield	LAS	Genl	Jr			I II
Spencer, Jean Aileen	Lebanon	AGR	HEcon	Jr			I II
Spencer, John DeVere	Chicago	UGRAD		EM			II
Spencer, Marianne Jameson	Rock Island	LAS	PJnl	Fr			I II
Spencer, Robert Henderson	Wheaton	LAS	DGS	Fr			I II
Sperling, Harry, B.S.	Chicago	MED	Med	4	Sp	S	F W
Spero, Marilyn Ruth	Cleveland Heights, Ohio	LAS	Genl	So		S	I II
Sperry, Walter Asa, Jr.	Aurora	DENT	Dent	2	Sp	S	F W
Spiegler, Earl	Chicago	UGRAD		EM			II
Spiegler, John Harold	Chicago	LAS	PMed	Fr			II
Spiesel, Florence Ruth	Chicago	COM	UD	Sr		S	I II
Spilky, Michael	Chicago	ENG	ME	Fr			I
Spinks, Raleigh Joseph	Chicago	FAA	Arch	Fr			I II
Spira, Marvin Alfred	Chicago	LAS	Genl	Fr			S I
Spiro, Albert Robert, A.B.	Chicago	DENT	Dent	3	Sp	S	F W
Spitler, Dorothy Ellen	Chicago	LAS	Genl	Sr			I II
Spitler, William H., Jr.	Charleston	LAW	Law	2			I II
Spittler, Walter Truman	Marshall	AGR	Genl	Irr			I
Spitz, Geraldine Beverly	Chicago	LAS	Genl	Jr			I II
Spitzer, Robert Harry	Chicago	UGRAD		EM			II
Splinter, Barry Walter	Chicago	DSSWV		Fr			I
Spoor, Milton Robert	La Grange	LAS	ChEng	Fr			I
Sporrey, Regina Wilhelmina	Moline	LAS	DGS	Fr			I II
Spotti, Walter Valentino	Staunton	LAS	Genl	Fr		S	I
Sprague, Anna LaNora Sticher	Champaign	LAS	Genl	Fr			I
Sprague, Eva Grace	Galatia	AGR	HEcon	Fr			I II
Sprau, George Adam, B.Ed., B.S.	Carthage	GRAD	AgEduc	U		S	
Sprau, Henry Earl	Bellflower	AGR	Genl	Sr		S	
Sprehe, Dorothy Louise	Springfield	UGRAD		EM			I
Springborn, Shirley Ann May	Aurora	LAS	Genl	Fr			I II
Springer, Elizabeth Grace	Chicago	LAS	Genl	Jr			II
Springer, Jessie Evelyn	Springfield	UGRAD		EM			II
Spronz, Suzanne Evelyn	Chicago	LAS	OccTher	So			I II
Sproull, Muriel Florence	Mazon	MED	Med	1		S	W
Squires, Mary Warrick	Champaign	LAS	Genl	Sr			I II
Squires, Robert Lawrence	Chicago	LAS	Genl	Fr			II
Sreebny, Leo Morris, A.B.	Yorktown Heights, N.Y.	DENT	Dent	4	Sp	S	F W
Sroka, Adolph August, B.S.	Champaign	GRAD	Zool	U		S	
Staab, Edward William	Chicago	ENG	ME	Fr			I
Staack, Henry Frederick, Jr., A.B.	Moline	MED	Med	3	Sp	S	F W
Stabenow, Winifred Magdalene	McConnell	LAS	Genl	Sr			I II
Stachurski, Robert William	Plainfield, N.J.	ENG	ME	Sr		S	I
Stack, Mary Sue	Maywood	JNL	EJnl	Fr			I
Stacy, Gardner Wesley, Jr., B.S.	Rochester, N.Y.	GRAD	Chem	U		S	I II
Stade, Charles Edward	Park Ridge	FAA	Arch	Jr			I II
Stahl, Betty Ann	Champaign	LAS	Genl	Fr			I II
Stahl, Julia Ruth	Champaign	AGR	HEcon	Fr			I II
Stahlfeld, Donald Leland	Chicago	ENG	CE	Fr			I II
Stahnke, Edward John	Dolton	ENG	ME	Sr			I II

Staley, Harlow Baker	Modesto	LAS	Chem	So	S	I	II
Staley, Harriet Brown	Modesto	LAS	Genl	Fr			I II
Stallsmith, Phyllis Rena, A.B.	Hartford City, Ind.	MED	EOccTher	Irr			I W
Stalnaker, Barbara	Indianapolis, Ind.	UGRAD		EM			II
Stamey, June Irene	Champaign	LAS	Genl	Fr			I II
Stamler, John Edward	Detroit, Mich.	LAS	Genl	Jr			II
Stampar, George Joseph	Chicago	PE	PE	Jr			I II
Stanberry, Barbara May	Charleston	LAS	Genl	Sr			I II
Stanberry, Martha Jane	Charleston	LAS	Genl	Sr			I II
Stancik, Robert John	Chicago	PE	PE	Fr			I
Stancliff, Victor Albert	Mexico	UGRAD		EM			II
Standish, Eleanore Helen, B.S.	Chicago	LAS	Genl	Sr	S		
Standish, Greta	Chicago	AGR	HEcon	Fr			I II
Stanfield, Armine Waldrop, B.S.	Chicago	GRAD	HEcon	U	S		
Stanfield, Julius W.	Detroit, Mich.	UGRAD		EM			II
Stanfield, Mary Louise	Kincaid	LAS	Genl	So	S	I	II
Stanfield, Rachel Elizabeth, A.B.	Kincaid	LAS	Genl	Irr	S		
Stanford, Ella Mae	Loda	LAS	OccTher	So			I
Stanford, Wayne Thomas	Salem	ENG	ME	Fr			I
Staniec, Louise Dolores	Chicago	LAS	Genl	So			I
Stanionis, Arthur Frank	Chicago	COM	LD	So			I
Stankewich, Ed M.	New York, N.Y.	UGRAD		EM			II
Stanley, Ellen Lenora, A.B.	Wabash, Ind.	LIB	LibSci	1			I II
Stanley, Margaret Eleanor, A.B.	Cincinnati, Ohio	LIB	LibSci	1	S		
Stanley, Orland, B.Ed.	Marion	GRAD	Educ	EM			I
Stannard, Ely Martin	Chicago	AGR	Genl	Unc			I
Stark, Lyndie Eugene	Nebo	COM	UD	Sr			I II
Stark, Ruth	Champaign	LAS	Genl	So			I II
Starkey, Jeanne Eleanor	Champaign	LAS	Genl	Jr			I II
Starks, Charles Ghee	Charleston	PE	PE	Fr			I II
Starnes, Bette Jeanne	Quincy	LAS	Genl	Fr			II
Starr, Billie Pauline	Mt. Vernon	LAS	Genl	So			I II
Starr, Donald Dee, A.B.	Jackson, Mich.	GRAD	Chem	U			I II
Starr, Millard Orlando, B.S.	Urbana	GRAD	ME	U	S		II
Starr, Yudice Estella	Memphis, Tenn.	LAS	Genl	So			I II
Stateler, Snirley Jane	Lacon	LAS	Genl	Jr			I II
Staton, James Alfred	Calumet City	FAA	ArchEng	So			I II
Staub, Jacqueline Francine	Detroit, Mich.	JNL	EJnl	So			I II
Staubitz, Louise Norma	Chicago	FAA	Art	Jr			I II
Staufer, Mary Louise	Urbana	FAA	Art	Fr			I II
Stavros, Pete George	Peoria			Unc	S		
Stavroulakis, Daphne Alice	Canton	LAS	Genl	Fr			I II
Stavroulakis, Maxine Helen	Canton	LAS	Genl	So			I II
Stearns, Mary Woodbury	Cambridge, Mass.	LAS	Genl	Fr			I II
Stearns, Robert Hibbert	Peoria	UGRAD		EM			II
Steck, Robert Frank	Chicago	ENG	ME	Fr			II
Stecky, John	Newark, N.J.	UGRAD		EM			II
Steel, Carolyn Elizabeth	Lebanon, Ky.	LAS	Genl	Jr			I II
Steer, Helen Ann	Urbana	LAS	Genl	So	S		I II
Steffan, Charlotte Lillian	Chicago	EDUC	Genl	Sr			I II
Steffen, Doris Lee	Chicago	LAS	DGS	Fr			I II
Steger, Frances Marie	Oak Park	LAS	Genl	Fr			I II
Stehle, Howard Charles, B.S.	Chicago	MED	Med	4	Sp	S	F
Steidl, Patsy Parker	Urbana	AGR	Flor	Sr			I
Stein, Clarke	Mt. Carmel	LAS	Genl	Fr			I II
Stein, David	Rochester, N.Y.	COM	LD	Fr			I II
Stein, Floyd David	Chicago	COM	LD	So	S	I	II
Stein, Georgann	Chicago	LAS	Genl	Fr			I
Stein, Robert Herbert	Chicago	FAA	Arch	Fr			II
Stein, Shirlee Betty	Chicago	PE	PE	Fr			II
Stein, William Benjamin	Chicago	LAS	Genl	Fr	S	I	
Steinbach, Albert Leland, A.B., B.S.	Hettinger, N.Dak.	MED	Med	3			W
Steinberg, Bernard Paul	Chicago	COM	LD	Fr			I II
Steinberg, Elaine Blossom	Chicago	LAS	Genl	Fr			I II
Steinberg, Philip	Chicago	PHARM	Pharm	4	Sp	S	F W
Steinberg, Philip Sherwin	Chicago	ENG	ME	Fr			I II
Steinberg, Ruth Helen	Chicago	LAS	Genl	Sr	S	I	II
Steinbrecher, William Edward	Riverside	LAS	Genl	Fr	S	I	
Steiner, Evelyn	Chicago	COM	LD	Fr			I
Steiner, Paul	Milwaukee, Wis.	MED	Med	4	Sp	S	F W
Steiner, Suzanne April	Miami Beach, Fla.	LAS	Genl	So			I II
Steinfeld, William Cecil	Chicago	COM	LD	Fr			II
Steininger, Dorothy Eileen	Champaign	LAS	Genl	So			I II
Steinkamp, Phyllis Ann	Aurora	LAS	PJnl	Fr			I II
Steinkuehler, Gwendolyn Frances	Springfield	COM	LD	So			I II
Steinley, Annis May	Evanston	AGR	HEcon	Jr			I II
Steinman, Mary Helen	Ursa	LAS	PMed	Sr			I II
Stella, Betty Jeane	Kankakee	LAS	Genl	Fr			I II
Stelmack, Steve Stanley	Chicago	PE	PE	So			I II
Stelter, Agnes Beata, A.B.	Bradley	GRAD	Educ	U	S		
Stemler, Fred Walter	Columbia	LAS	PMed	Jr	S	I	II
Stempler, Claire	Newark, N.J.	LAS	Genl	So			I II
Stenborg, Walter Patrick, B.S.	Waukegan	MED	Med	4	Sp	S	F
Stengle, Eleanor Audrey	Chicago	LAS	Genl	Fr			I II
Stenn, Lorraine	Chicago	AGR	HEcon	Jr			I II

Stent, Gunther Siegmund, B.S.	Harrigate, England	GRAD	PE	U	S	I	II
Stenvick, Patricia Ann	Harmony, Minn.	LAS	Genl	Fr		I	II
Stephano, Joseph Paul	Batavia	UGRAD		EM		I	II
Stephens, Frederick James	Streator	COM	UD	Sr	S	I	II
Stephens, Mary Elizabeth	Urbana	LAS	Genl	So		I	II
Stephens, Virgil Eugene	Aurora	FAA	LArch	Fr		I	II
Stephens, Willie Mary, A.B., A.M., M.D.	Evanston	GRAD	Neurol	C	Sp	S	F W
Stephenson, Floyd Stanley, B.S.	East St. Louis	GRAD	Educ	EM		I	
Stephenson, Richard B., B.S., M.S.	Augusta, Me.	MED	Med	4	Sp	S	F W
Stephenson, Robert A., A.B., M.D.	Flint, Mich.	MED	Otolaryng	PG		I	W
Stepien, Virginia Patricia	Chicago	LAS	Genl	Fr		I	II
Sterling, Harry	Chicago	MED	Med	2	Sp	S	F W
Sterling, Mary Louise	Chicago	LAS	PJnl	Fr		S	I
Stern, Arthur Alexander	Brooklyn, N.Y.	MED	Med	1			W
Stern, Doris Marie	Chicago	LAS	Genl	So		I	II
Stern, Emily Frances	Clinton	LAS	Genl	So		I	II
Stern, Gerald Mitchell	Chicago	COM	LD	Fr		I	
Stern, George Marvin	Chicago	MED	Med	2	Sp	S	F W
Stern, Hermine Ruth	Chicago	LAS	Genl	Jr		S	I
Stern, Lee Benjamin	Chicago	LAS	PJnl	Fr			II
Stern, Lois Eugenia Sarah	Decatur	FAA	Mus	Fr		I	II
Stern, Marilyn Janice	Chicago	LAS	PJnl	Fr		I	II
Stern, Mary Jane, A.B.	Erie, Pa.	MED	Med	4	Sp	S	F W
Stern, Sylvia	Chicago	LAW	Law	3		S	I II
Sternberg, Sybil	Chicago	LAS	Genl	Fr			II
Sternfeld, Mathilda M.	Chicago	LAS	DGS	Sr		I	
Steuer, Rabbi Ulrick, A.B.	Bloomington	GRAD	Soc	U		I	II
Steuher, Fred	Chicago	UGRAD		EM		I	II
Stevens, Edwin Walter, B.S.	Calumet City	MED	Med	4	Sp	S	F W
Stevens, Elaine Clara	Calumet City	LAS	Genl	Sr		I	II
Stevens, Emma Ruth Hornor, A.B.	Danville	MED	Med	2			W
Stevens, Mary Christine	Champaign	LAS	HEcon	Jr			II
Stevens, Pansy Newby, A.B.	Springfield	UGRAD		EM		S	I
Stevens, Patricia Lorene	Westfield	EDUC	Genl	Jr		S	I
Stevens, Wayne Smith	East Rochester, N.Y.	DENT	Dent	2	Sp	S	F W
Stevenson, Lee Bordette	Urbana	MED	Med	3	Sp	S	F W
Stevenson, Mary Isabel	Alamogordo, N.Mex.	PE	PE	Fr		I	II
Stewart, Alan Erwin, B.S.	Peoria	DENT	Dent	4	Sp	S	F W
Stewart, Gordon Merritt	Dundee	ENG	Genl	Fr		S	
Stewart, Helen Louise, A.B.	Champaign	GRAD	Soc	U			I
Stewart, James Collier, A.B., A.M., M.S.	Charleston, Miss.	GRAD	Math	U		S	
Stewart, Joe Val	Peoria	COM	LD	Fr		S	I
Stewart, Lyman Frank	Kewanee	COM	UD	Sr		S	I
Stewart, Mamie Valeria	Chicago	LAS	Genl	Fr		I	II
Stewart, Margaret Ruth	Edwardsville	COM	UD	Jr		I	II
Stewart, Marjorie Campbell	Urbana	LAS	Genl	So		I	II
Stewart, Mildred Jeanne	Champaign	FAA	Mus	Fr		I	II
Stewart, Roger Gene	Urbana	LAS	Genl	So		I	II
Stewart, Roland Maurice	Chicago	COM	LD	Fr		I	II
Stewart, Rose Anne	Peoria	LAS	Genl	Sr		I	II
Stewart, Violet Noble, B.S.	Urbana	GRAD	Bact	U		I	
Stewart, William Frederick	Calumet City	DSSWV		Fr		I	
Stibalt, Marcie Helora	LAS	LAS	DGS	Fr		I	II
Stice, Lucile Adele	Urbana	FAA	Arch	Fr		I	II
Stiegemeyer, Barbara C., A.B., A.M.	Champaign	GRAD	Educ	U		II	
Stiemert, Mary Louise Teresa	Chicago	LAS	Genl	Sr		I	II
Stiernberg, Joy Margaretha Emilie	Chicago	FAA	Art	Fr		I	II
Stiglitz, Laurel Mae	Detroit, Mich.	LAS	Genl	Fr		I	II
Stiles, Rita Mae	East Alton	FAA	Mus	Jr		I	II
Stimes, Jeanne Lorraine	Harvard			Unc		S	
Stine, Alpha Roumelle	Evanston	LAS	Genl	Fr		I	
Stine, Leota Mae	Sherman	EDUC	Genl	Sr			II
Stinespring, Virginia Ann	Chicago	LAS	Genl	Fr		I	II
Stinson, Howard Willis	Palatine	UGRAD		EM			II
Stinson, Virginia Mae	Chicago	PE	PE	Fr		I	
Stitt, Marjorie Gertrude	Tulsa, Okla.	LAS	Genl	Sr		I	II
Stoaf, Blanche	Centralia	EDUC	Genl	Jr		S	
Stock, Emily Eileen	Arthur	FAA	Art	Fr		I	II
Stockard, Mary Ellen B.S.	Urbana	LAS	Genl	Irr		I	II
Stockdale, Dorothy Helen	Alton	LAS	Genl	Fr		I	II
Stocker, Henry Rader	Chicago	UGRAD		EM			II
Stockwell, Jane Louise	New Haven, Conn.	LAS	DGS	Fr		I	II
Stoda, Jay Royce	East Dubuque	LAS	Genl	Fr		I	II
Stoermer, Darold Carl	Quincy	MED	Med	1	Sp	S	F
Stogsdill, Harold Melvin	Marshall	AGR	Voc	Jr		S	I II
Stogsdill, Robert Edward	Cerro Gordo	PE	PE	Fr			II
Stojan, Stanley Ruben	Burlington	FAA	Arch	Fr		I	II
Stokes, Joseph James	Chicago	FAA	ArchEng	Fr		I	II
Stolarski, Chester John	Chicago	PHARM	Pharm	2	Sp		
Stoll, Norma Hilma	Chestnut	EDUC	Genl	Jr		I	II
Stolman, Syril	Chicago	LAS	Genl	Sr		I	
Stoloff, Carolyn Patricia	New York, N.Y.	LAS	Genl	Fr		I	II
Stolzenburg, Gwenth	Chicago	LAS	Genl	Sr		S	I
Stombaugh, Ray Merton	Normal	EDUC	InEduc	Unc			II
Stone, Beverly	Chicago	LAS	Genl	So		I	II

Stone, Doris Ruth	Argo	LAS	Genl	Fr		I	II
Stone, Dorothy Adele	Bloomington	LAS	Genl	Jr			II
Stone, Helmuth I.	Benton Harbor, Mich.	UGRAD		EM			II
Stone, Irving Charles, B.S.	Chicago	DENT	Dent	3	Sp S	F	W
Stone, Leonard Henry	Chicago	LAS	ChEng	Fr		S	
Stone, William Paul	Chicago	UGRAD		EM			II
Stonitsch, Gilbert James	Joliet	FAA	Art	Jr			I
Storako, Marshall Anthony	Chicago	COM	LD	Fr			I II
Stork, Sarah Deborah	Chicago	LAS	Genl	Jr			I
Storkan, Ruth Camille, B.S.	Oak Park	LAS	Genl	Sr		S	
Storm, Helen Margaret	Gibson City	LAS	DGS	Fr			I II
Storm, Rosemary June	Gays	LAS	Genl	So			I II
Story, George William	Vandalia	COM	LD	Fr		S	I
Stotlar, James Barton	Pinckneyville	PHARM	Pharm	2	Sp S	F	
Stott, Thomas Austin, B.S.	Athens	DENT	Dent	4	Sp S	F	
Stouffer, Marjorie Eileen	Altona	FAA	Mus	Fr			I II
Stouffer, Robert Lawrence	Champaign	ENG	CE	So			I II
Stout, Harold Alfred, A.B.	Mascoutah	GRAD	Educ	EM			I II
Stout, Maribeth	Champaign	LAS	Genl	Fr			I
Stout, Meri Jean	Springfield	JNL	Jnl	Sr			I II
Stovall, Vivian Carey, B.S.	Farmer City	GRAD	HEcon	U			I II
Stover, Margaret Louise, B.Ed.	Towanda	GRAD	Educ	EM			II
Stoyas, Virginia	Chicago	PHARM	Pharm	1		S	F W
Straight, Jacob Fredrick, B.S., D.M.D.	Miami, Fla.	GRAD	Orthod	C			F W
Strain, Carol Ann	Detroit, Mich.	LAS	Genl	So			I II
Strand, Francis Leonard	Galena	LAW	Law	2		S	I II
Strathman, Virginia Louise	Peoria	LAS	Genl	Fr			I II
Stratton, Eleanor Anne	Lake Villa	LAS	OccTher	Fr			I II
Straub, Edith Arlene	Carlinville	FAA	Art	So			I II
Straub, Evelyn Elizabeth, A.B.	Champaign	MED	Med	2	Sp S	F	W
Strauch, Franz August	Champaign	MED	Med	4	Sp S	F	
Strauss, Sol S., B.S.	Chicago	MED	Med	4	Sp S	F	W
Strawbridge, Charles Hillman	Flossmoor	ENG	Genl	Fr			II
Strecker, William Louis	Paris	MED	Med	2	Sp S	F	W
Streeter, Priscilla, A.B.	Kankakee	LAS	Genl	Sr		S	
Streger, Esther Wilma	Chicago	LAS	Genl	So			I II
Streger, Ruth Martha	Chicago	LAS	Genl	So			I II
Streib, Donald Eugene	Rockford	PE	PE	Fr			I
Streid, Elizabeth Ann	Chenoa	AGR	HEcon	So			I II
Streid, Ruth Elizabeth	Metamora	AGR	HEcon	So			I II
Streitberger, George Howard	Wheaton	ENG	Genl	Fr			I II
Streitz, Richard Francis	Joliet	DENT	Dent	2	Sp S	F	
Strell, John, Jr., B.S.	Urbana	GRAD	PE	U			S I
Stremsterfer, Gloria Ann	Springfield	LAS	Genl	So			I II
Strepek, Alfred Walter, B.S.	Seneca	GRAD	Educ	EM			I II
Strever, Jean Lydia	Hinckley	LAS	Genl	Jr			I II
Striber, Edward Miles	Yorktown, Tex.	UGRAD		EM			II
Stribling, June Isobel	Jackson, Miss.	LAS	OccTher	So			I II
Stricklin, John Alfred	Harrisburg	MED	Med	1			W
Strikich, Frank John	Chicago	COM	LD	So		S	I II
Stringer, Joseph Bruce	Yazoo City, Miss.	UGRAD		EM			II
Strode, Margaret Otylia	Champaign	EDUC	Genl	Sr		S	II
Strom, John Alexander	Belvidere	LAS	PLaw	So			I II
Strong, Dorothy Jane	Springfield	JNL	Jnl	Jr			I II
Strum, Gerald Murray	Decatur	LAS	Genl	Jr		S	I
Strum, Harold Aaron	Decatur	LAS	Genl	Jr		S	I
Strunek, Theodore Paul	Chicago	COM	UD	Jr		S	I II
Struppa, Muriel	Brooklyn, N.Y.	UGRAD		EM			II
Strusz, Charles, B.Ed.	Herrin	GRAD	Educ	EM			I II
Stuart, Marion Louise, B.S., M.S.	Champaign	LAS	Genl	Irr		S	
Stuart, Muriel Vera	Chicago	LAS	Genl	Jr			I II
Stuart, Nellie Marie, B.Mus.	Champaign	FAA	Art	Irr		S	
Stubblefield, Betty Lucille	McLean	COM	UD	Sr			I II
Stucky, Carolyn Colysta	Springfield	LAS	Genl	Fr			I II
Stuenkel, Walter Frederick	Ottawa	ENG	CerE	Fr			I II
Stuermer, Harry Walter, A.B.	Jacksonville	MED	Med	4	Sp S	F	
Stuhr, Carolyn Marie	Rock Island	LAS	Jnl	Fr			I II
Stukas, Helen Marie	Chicago	LAS	Genl	Fr			I
Stull, Sarah Louise	Champaign	LAS	Genl	Fr			I II
Stumbaugh, William Lloyd	Chicago	UGRAD		EM			II
Stumm, Robert Joseph	Aurora	LAS	Genl	Sr			I II
Stupka, Rosalie Carol	Chicago	JNL	Jnl	Sr			I II
Sturm, George Joseph	Chicago	LAS	Genl	U		S	I II
Sturm, Lucille Alma, B.Ed.	Staunton	GRAD	Educ	Fr			I II
Sturman, Herman G.	Chicago	LAS	JMed	Fr			II
Sturman, Mary Elizabeth	Cairo	JNL	Jnl	Jr			I II
Stutsman, Hugh J.	Emporia, Kans.	UGRAD		EM			II
Styzen, Leo John	Chicago	PHARM	Pharm	1			W
Su, Tsai-Shan, B.S., M.S.	Chungking, China	GRAD	Econ	U		S	I II
Sublette, Thomas Keith	Homewood	FAA	Art	So			I II
Suchor, James John	Chicago	UGRAD		EM			II
Sudakoff, Carl H.	Chicago	DENT	Dent	4	Sp S	F	W
Sudar, Seymour	Chicago	LAS	ChEng	Jr			I II
Suehr, Shirley Ann	Chicago	AGR	HEcon	Sr			I II
Sulenski, Joseph Stanley	Ottawa	LAS	ChEng	Fr			II
Sullivan, Catherine Marguerite	Chicago	AGR	HEcon	Sr			I II



Sullivan, Jean Maree	Metamora	LAS	DGS	Fr	I	II
Sullivan, Jeanne Marie	Chicago	LAS	Genl	Fr	I	II
Sullivan, Lee Alan, Jr.	Jacksonville	ENG	ME	So	I	
Sullivan, Mary Catherine	Oak Park	LAS	Genl	Fr	I	II
Sullivan, Norma Sada	Springfield	UGRAD		EM	I	
Sullivan, Pat Noel	St. Louis, Mo.	DSSWV		Fr		II
Sullivan, Paul J.	Indianapolis, Ind.	UGRAD		EM		II
Sullivan, Rita Lucille	Galesburg	AGR	HEcon	Sr	S	I II
Sullivan, Robert Harding, B.S.	Kincaid	DENT	Dent	4	Sp	S F
Sultzter, Constance Ruth	Paris	FAA	LArch	So		I II
Summers, Helen Leah	Gibson City	AGR	HEcon	Jr		I II
Summers, Shirley Dean	Chicago	LAS	Genl	Jr		I II
Summerville, Carlis Edward, B.S.	Champaign	GRAD	InEduc	U	S	
Sun, Wei-Woh, A.B.	Chungking, China	GRAD	BOO	U	S	I II
Sunderland, Dale W.	Fisher	MED	Med	4	Sp	S F W
Sundwick, Margarette Stephens	Fulton, Ky.	FAA	Mus	Fr		I II
Supple, Charles John	Danville	LAS	PMed	So		S I II
Surak, George	Chicago	UGRAD		EM		II
Surber, True Edwin	Chicago	ENG	AeroE	Fr		II
Surges, William Henry	Chicago	AGR	Genl	Fr		I II
Susman, Irvin Commer	Chicago	MED	Med	1		I W
Sussman, Lester Steven	Chicago	LAS	PJnl	Fr	S	
Sutcher, Muriel E.	Chicago	LAS	Genl	Fr		I II
Sutcher, Vern Dever, B.S.	Chicago	LAS	Genl	Sr	S	
Sutherland, Frank Robert	Decatur	ENG	CE	So	S	II
Sutor, Robert C., B.Ed.	Harvey	GRAD	Educ	EM		I
Sutton, Carl, A.B., A.M.	Austin, Tex.	GRAD	Engl	U		I II
Sutton, Jean Anne	Peru	AGR	HEcon	Fr		I II
Sutton, Robert Lee	Paterson, N.J.	DENT	Dent	4	Sp	S F
Sutzer, Geraldine Mary	Springfield	FAA	Art	So		I II
Svec, Lee	Chicago	LAS	Genl	So		I II
Svec, Muriel Harden, A.B., M.S.	Fond du Lac, Wis.	GRAD	Bact	C	Sp	S F W
Swain, Martha	Urbana	LAS	Genl	So	S	I II
Swain, Paul Bliss, B.S., A.M.	Champaign	GRAD	Educ	U		I II
Swan, Isabel Hutchinson, B.S.	Champaign	GRAD	HEcon	U		I
Swan, Paul Lavern, B.S.	Elkville	MED	Med	4	Sp	S F
Swanberg, William H., Ph.B.	Quincy	MED	Med	2	Sp	S F W
Swango, Goldie Ermine	Rardin	LAS	Genl	Jr		I II
Swanson, Alfred Bertil	Zion	MED	Med	2	Sp	S F W
Swanson, Carol Ann	St. Charles	LAS	Genl	So		I II
Swanson, Edgar Phillip	Chicago	UGRAD		EM		II
Swanson, Eleanor Louise	Plainfield	COM	LD	So		I II
Swanson, Fred	Chicago	UGRAD		EM		II
Swanson, Harold Arthur, B.S.	Chicago Heights	GRAD	Educ	U		I
Swanson, Jean LaVerne	New Bedford	LAS	DGS	So		I II
Swanson, LaVone Gaylord	Forest Park	UGRAD		EM		II
Swanson, Nellie, B.Ed., A.M.	Galesburg	GRAD	Educ	EM		I
Swanstrom, Cherie Joan	Gibson City	LAS	Genl	Fr		I II
Swanstrom, Harry Carl, Jr., B.S.	Chicago	MED	Med	4	Sp	S F W
Swartz, Myron Sidney	Chicago	ENG	Genl	Fr		I II
Swartzendruber, Frederick James, A.B.	Hopedale	MED	Med	2	Sp	S F W
Sweatt, Mary Lucy, A.B.	Henderson, Ky.		Unc		S	
Sweeney, Mary Louise	Chicago	LAS	Genl	Fr		I II
Sweet, Arthur, B.S.	Chicago	MED	Med	4	Sp	S F
Sweet, Elsa Cleone	Staunton	COM	LD	So		S I II
Sweeney, Martha Royce	Peoria	AGR	HEcon	Sr		I
Swengel, Beulah Wishart, B.S.	Grayville	GRAD	Speech	U	S	
Swengel, Ethel Pauline, A.B.	Seymour, Ind.	GRAD	Hist	U	S	
Swerdlow, Martin A.	Chicago	MED	Med	2	Sp	S F W
Swerdlow, Ralph Hyman	Chicago	LAS	PMed	So		I II
Swett, Bette Marie	Oak Park	LAS	Genl	So		I II
Swibel, Charles	Chicago	LAS	Genl	Fr		I II
Swickard, Margaret Elizabeth Rugh	Arcola	LAS	Genl	Fr		I
Swiderski, Joseph Marion, Jr.	Chicago	UGRAD		EM		II
Swift, Clarence Philip	Evanston	UGRAD		EM		II
Swift, Howard R., B.S., M.S.	Streator	GRAD	Cer	U		I II
Swingle, Robert Paul, D.V.M.	Freeport	MED	Med	1		W
Swjontkowski, Stanley Dennis, B.S., M.D.	Chicago	MED	Ophthal	PG		W
Swisher, Mary Anne	La Grange	JNL	Jnl	Sr		I II
Swisher, Mary Virginia, A.B.	Williamstown, W.Va.	LIB	LibSci	1		I II
Swofford, Mary Lyndal, A.B., B.S., M.S.	Macomb	GRAD	Educ	U		I II
Sword, Richard Ordway	Oak Park	DENT	Dent	2	Sp	S F W
Swordes, Ardis Mate, A.B., A.M.	Springfield	GRAD	PubAdm	EM		I
Sykes, Ada Roberta	Baylis		Unc		S	
Sylvester, Edgar Bradley	Des Moines, Iowa	MED	Med	3	Sp	S F W
Symon, Adison Millar	Chicago	LAS	Genl	So		I II
Synwolt, Betty May	Lockport	EDUC	Genl	Sr		S I
Syrle, Dorothy Moseitta	Danville	LAS	Genl	Sr		S I
Syrle, Elizabeth Jean	Danville	AGR	Flor	Fr		I II
Syversen, Loris Lynne	Chicago	PE	PE	Fr		I II
Szamocki, Leon Adelbert	Chicago	COM	LD	Fr		I II
Szewczyk, Helen Ann	Chicago	LAS	Genl	So		S I II
Szilagyi, Sophia, A.B., B.S.	East Chicago	LIB	LibSci	1		S
Szmyd, Milton Anthony, B.S.	Cicero	DENT	Dent	4	Sp	S F
Szold, Robert Elliott	Peoria	LAS	ChEng	So		S I II
Szosz, Grace Ethel	Elgin	LAS	Chem	Fr		I II

Tabachnick, Norman Donald	Chicago	LAS	PMed	So	S	I	II
Taber, Patricia Alene	Rock Island	LAS	DGS	Fr		I	II
Tabor, Oram Allen	Ekron, Ky.	UGRAD		EM			II
Taebel, Albert Benjamin	Elmhurst	UGRAD		EM			II
Taebel, Winfield Fred	Lombard	UGRAD		EM			II
Taft, Nellie Jane	Chicago	JNL	Jnl	Jr		I	II
Taich, Ferdinand Saul	Chicago	COM	LD	Fr		I	II
Takeda, Lily Yurika	McGehee, Ark.	LAS	Genl	Sr		I	II
Talaga, Edward Stanislaus, B.S.	Oglesby	MED	Med	4	Sp	S	F W
Talan, Elaine Josephine	Chicago	LAS	Genl	Jr		I	II
Talbot, Cynthia Hearne	Mattoon	COM	UD	Sr		I	II
Tallarico, Catherine Rose	Chicago	LAS	Genl	So		I	II
Talmy, Jacqueline Joy	Chicago	LAS	Genl	Jr		I	II
Tan, Tzi-Lieh, B.S.	Tien-Kiang, Szechwan, China	GRAD	Educ	U			II
Tananbaum, Eileen Ruth	Brookline, Mass.	LAS	Genl	Fr		I	
Tanel, Fikret Azmi	Istanbul, Turkey	ENG	CE	Sr	S	I	II
Tangelos, Anthony John	Chicago	COM	LD	Fr			II
Tangney, Muriel Jean	Aurora	PE	PE	So			II
Tannehill, Beverlee Marie	Chicago	FAA	Art	Fr		I	II
Tanner, Guy Edward	Golconda	AGR	Genl	So		I	II
Tanner, Mack Clenon	Chicago	DENT	Dent	2	Sp	S	F W
Tanton, Charlotte Cecilia	Cazenovia	LAS	Genl	Jr		I	II
Tark, Iris Ann	Chicago	LAS	Genl	So		I	
Tarpley, Mildred Ann	Quincy	LAS	Genl	Jr		I	II
Tarr, Douglas William	Belleville	LAS	PLaw	Jr		I	II
Tarsch, Seymour Gene	Chicago	COM	LD	Fr			II
Tarshis, Bernard Douglas	Chicago	COM	LD	Sr		I	II
Tarun, Donald Walter, A.B., B.S.	Sturgis, S.Dak.	MED	Med	4	Sp	S	F
Tatar, Eunice Frances	Chicago	LAS	Genl	Jr		I	II
Tate, Betty Louise	Le Roy	LAS	Genl	So		I	II
Tate, Mary Ellen	Kansas	AGR	HEcon	Jr		I	II
Tate, Wanda Rae	Buckner	LAS	Genl	Fr		I	II
Tatman, Jacqueline Delores	Sidell	LAS	Genl	So		I	II
Tatter, Dorothy, B.S.	Oak Park	MED	Med	2	Sp	S	F W
Tatum, Essie Lee	Little Rock, Ark.	LIB	LibSci	Unc			II
Tauman, David Isaiah, B.S.	Chicago	DENT	Dent	4	Sp	S	F W
Tauntas, Betty	Chicago	LAS	Gen	I			
Tausig, Theodore Neal	Chicago	MED	Med	4	Sp	S	F W
Tavener, Luella Jane	McLean	LAS	Genl	Fr		I	II
Tawney, Elizabeth Paige	Urbana	LAS	Genl	Fr		I	
Tawney, Lenore Gallagher	Cleveland, Ohio	LAS	OccTher	So		I	
Taylor, Charles Robert	Jacksonville	ENG	Genl	Fr		I	
Taylor, Corene	Philo			Unc	S		
Taylor, Elizabeth Ann	Chicago	LAS	Genl	Fr		I	II
Taylor, Ethel Marian	Harrisburg	LAS	Genl	So			II
Taylor, Ethlyn Wahnetta	Wataga	AGR	HEcon	So		I	II
Taylor, Fanny Adolphia, A.B.	Lovejoy	GRAD	Educ	EM	S	I	II
Taylor, Frances Mary	Falls Church, Va.	LAS	DGS	So		I	II
Taylor, Jessie M.	Urbana	FAA	Mus	Fr			II
Taylor, Kenneth Andrew	Kirkwood, Mo.	UGRAD		EM			II
Taylor, Luther LaFayette	Chicago	AGR	Genl	So		I	
Taylor, Margaret Janet	Normal	LAS	Genl	Fr		I	II
Taylor, Patricia Ruth	Chicago	LAS	Genl	Fr		I	
Taylor, Phyllis Elaine	Harrisburg	JNL	EJnl	So		I	
Taylor, Richard Wirt	Westfield, N.J.	MED	Med	1			W
Taylor, Robert Glenn	Oblong	ENG	EE	Fr		I	II
Taylor, Roger Lynn	Farmer City	ENG	Genl	Fr		I	II
Taylor, Sarah Eileen	Stronghurst	LAS	Genl	So	S	I	II
Taylor, Sidney Alfred	Chicago	UGRAD		EM			II
Taylor, William John	Chicago	COM	LD	Fr			II
Teach, Kitty Ione	Springfield	COM	LD	Fr		I	II
Tedford, Norma Lois	Washington, Ind.	FAA	Mus	Fr		I	II
Teeling, Lawrence John	Chicago	PE	PE	Fr			II
Tehon, Atha Lee	Urbana	FAA	Art	So		I	II
Teitel, Bernard, B.S.	Chicago	DENT	Dent	2	Sp	S	F
Tejes, Harold John	Elgin	ENG	EE	Fr		I	II
Teller, Lois Elizabeth	Riverside	LAS	Genl	Jr		I	II
Teller, Louise Anne	Riverside	FAA	Art	Jr		I	II
Tellez, Alfonso	Bogotá, Colombia	LAS	Chem	Fr		I	II
Telling, Carolyn Virginia	Plano	LAS	Genl	So		I	II
Telling, Martha Jane	Elmhurst	AGR	Genl	So	S	I	II
Telling, Richard David	Danville	COM	LD	So		I	II
Temple, Joseph Hite	Serena	AGR	Genl	Sr		I	II
Temple, Wilfred Jesse, Jr.	St. Louis, Mo.	ENG	EE	Fr		I	
Templeton, Mary Ruth	Starkville, Miss.	ENG	Genl	Fr		I	
Templin, Herman August, B.S.	Peoria	ENG	EPhy	Sr	S		
Tenczar, Francis Joseph	Chicago	MED	Med	3	Sp	S	F W
Tendick, Lois Lea	Greenfield	AGR	HEcon	Jr		I	II
Tenenbaum, Esther Kay	Chicago	LAS	PJnl	Fr			II
Tenenbaum, Harold	Chicago	COM	LD	Fr			II
Teng, Chi-Yu, B.S.	Kuanghan, Szechwan, China	GRAD	CE	U			II
Teng, Pi-Yi, B.S.	Anwha Hunan, China	GRAD	CE	U			II
Tengen, Eve Thies	Danville	EDUC	Genl	Jr	S		
Tennes, Charlotte	Chicago	LAS	Genl	So		I	II

Tenney, Alonzo Cass, Jr., B.S.	Highland Park	MED	Med	3	Sp	S	F	W
Tenney, Phillip Hallenbeck	Highland Park	MED	Med	2	Sp	S	F	W
Tercero, Jesus	Laredo, Tex.	UGRAD		EM				II
Teresavich, Matthew Edward, Jr.	Spring Valley	COM	LD	Fr				I II
Terfanski, Doris Esther	Chicago	LAS	DGS	So		S	I	II
Terp, Robert Thomson	Chicago	LAS	ChEng	So			I	II
Terracciano, Andrew	Chicago	PHARM	Pharm	1				W
Terrell, Hoyt Brooks, B.S., M.S.	Quincy	GRAD	Educ	EM				II
Terry, Jean	Elmhurst	LAS	Genl	Fr			I	II
Terry, Sheldon Arthur	Chicago	COM	LD	So				I
Tertocha, Edward Donald	Decatur	ENG	Genl	Fr				I
Tesch, Willard John, Jr.	Elmhurst	ENG	Genl	Fr			I	II
Tester, Norman Marshall	Rockford	LAS	ChEng	Fr			I	II
Teter, Beatrice Josephine, B.S., A.M.	Alton	GRAD	Hist	U		S		
Teter, Leona Bess, B.S., A.M.	Alton	GRAD	Educ	U		S		
Teter, Thelma Faye	Chicago	LAS	Genl	So			I	II
Thalheimer, Alan R.	Little Rock, Ark.	COM	LD	So			I	II
Thanasouras, Mark Constantine	Chicago	COM	LD	Fr			I	II
Tharp, James Caradine	East St. Louis	FAA	ArchEng	Fr			I	II
Tharp, Mary Ann	Centralia	FAA	Art	Jr		S	I	II
Thetford, William Newton, A.B.	Chicago	MED	Med	1				W
Theuer, Arthur Ulrich, A.B.	Urbana	GRAD	Educ	U				II
Thier, Stanley Robert	Madison, Wis.	FAA	ArchEng	So			I	II
Thomas, Adrian Eugene	Forest Park	UGRAD		EM				II
Thomas, Daniel Douglas	Chicago	MED	Med	1				W
Thomas, Edward Powell, A.B.	St. Louis, Mo.	GRAD	Educ	EM				II
Thomas, Elizabeth Rosella	Springfield	LAS	DGS	Fr				II
Thomas, Flora Beatrice, B.S.	Dixon	AGR	HEcon	Sr		S		
Thomas, George Edward	Chicago	PE	PE	Fr				II
Thomas, Harvey Edward	Hinsdale	AGR	Genl	So			I	II
Thomas, Ida Jayne Blanchard	Sterling	LAS	Genl	Jr			I	II
Thomas, James Harold	Nebo	EDUC	Genl	Unc		S	I	II
Thomas, Loretta Marie Brown	Princeton	LAS	PLaw	Jr		S	I	
Thomas, Louis Lee, Jr.	Decatur	AGR	Genl	So			I	II
Thomas, Mamie Odessa C.	Springfield	UGRAD		EM				I
Thomas, Marilyn Ann	Chicago	LAS	Genl	Fr			I	II
Thomas, Martha Messenger, A.B.	Hinsdale	GRAD	Speech	U				II
Thomas, Rachel Ann	Quincy	LAS	Genl	Sr		S	I	II
Thomas, Rosella	Springfield	LAS	Genl	Fr				I
Thomas, Sara Beth	Benton	LAS	Genl	Sr			I	II
Thomas, Shirley May, A.B., A.M.	Erlanger, Ky.	GRAD	Engl	U				II
Thomas, Virginia Lee	Rockford	LAS	Genl	Fr			I	II
Thomasson, Barbara Ruth	Champaign	LAS	Genl	Fr			I	II
Thometz, John J., B.S.	Chicago	MED	Med	4	Sp	S	F	W
Thometz, Mary Frances	Chicago	LAS	PMed	So			S	II
Thompson, Caryl Jean, B.S.	Gilberts	LAS	Genl	Sr				S
Thompson, Catharine Louise, B.S.	Little Rock, Ark.	LIB	LibSci	1				S
Thompson, Earl Vern, B.S.	Park Ridge	GRAD	Educ	EM		S	I	II
Thompson, Eva Eleanor	Hillsboro	EDUC	Genl	Jr				S
Thompson, Herbert Henry	Indianapolis, Ind.	FAA	Arch	Fr			I	II
Thompson, James Robert	Hinckley	MED	Med	4	Sp	S	F	
Thompson, James Royce, A.B.	Joliet	LAS	Genl	Irr				II
Thompson, Jean Iris	Urbana	AGR	HEcon	Fr			I	II
Thompson, John Melvin, B.S.	Springfield	GRAD	Educ	EM				II
Thompson, John V., B.S., M.D.	Rock Falls	GRAD	Surg	C	Sp	S	F	
Thompson, Lyle Eugene	Champaign	ENG	EB	So				I
Thompson, Madeline Stuckwisch, A.B.	Springfield	GRAD	PolSci	EM				I
Thompson, Martha Grace	Sheldon	LAS	OccTher	So				I II
Thompson, Ray Eugene, Jr.	Atlanta	MED	Med	2	Sp	S	F	W
Thompson, Samuel Earl, B.Ed., A.M.	Urbana	GRAD	Educ	U		S	I	II
Thompson, Thomas Truely	Chicago	LAS	PDent	Fr				S
Thompson, Vincent Edward	Aurora	LAS	Genl	Fr				S
Thompson, Wandalene Evelyn	Urbana	COM	LD	Fr			I	II
Thompson, Warren Ray	Springfield	ENG	ME	So				I II
Thompson, William D.	Mt. Vernon	COM	LD	Fr				S
Thomson, Maud, B.Ed.	Galesburg	GRAD	Educ	EM				I
Thorpe, Robert Franklin, A.B.	Robinson	MED	Med	4	Sp	S	F	
Thorwick, Majorie Ann	Decatur	LAS	Genl	Fr				I II
Thouvenot, Elvira Catherine	Belleville	LAS	Genl	Sr				I II
Thrailhill, Marian Elizabeth, B.Ed., M.S.	Carbondale	GRAD	Educ	EM				I
Thrasher, Patricia, A.B.	Champaign	LAS	Genl	Sr		S		
Threshman, Morton	West Englewood, N.J.	UGRAD		EM				II
Thromans, Jean Minette	Chicago	LAS	Genl	Sr				I II
Thunman, Carl Eugene	Springfield	ENG	CE	Jr				I
Thurman, Christine Frances, A.B.	St. Louis, Mo.	LAS	EOccTher	Irr				II
Thurow, Lois Elizabeth	Yorkville	LAS	PJnl	Jr				I II
Thurow, Raymond Carl, B.S.	Aurora	DENT	Dent	4	Sp	S	F	
Tibbetts, Margaret Dorothy, B.Ed.	Alton	GRAD	Educ	EM		S		II
Tibbits, Betty Ann	Glen Ellyn	LAS	Genl	Fr				I II
Tibby, Ina Mae, B.S.	Oakdale	GRAD	Educ	EM		S		I
Tice, Nancy Ann	Chatham	LAS	Genl	Jr				I II
Tick, Frances Elaine	Paducah, Ky.	LAS	Genl	So				I II
Tick, Margot Lea Ruth	Decatur	LAS	Genl	Fr				I II
Tiefenthaler, Beatrice Anne, B.S.	Wauwatosa, Wis.	LAS	EOccTher	Irr				II
Tierney, James Joseph	Hinsdale	LAS	Genl	So				I
Tigrock, Mehmet Fuat, B.S., M.S.	Istanbul, Turkey	GRAD	CE	U		S	I	II

Tillinghost, Rose Catherine	Washington, D.C.	FAA	Art	Fr	I	II
Tillitson, Vernice Tendall	Plainfield	AGR	HEcon	Sr	I	II
Tillma, Mollye Mae	Chicago	LAS	Genl	Jr	S	I II
Timm, Mary Elizabeth, B.S.	Galesburg	GRAD	PE	EM	I	
Timmerhaus, Klaus Dieter	Palatine	LAS	ChEng	Jr	S	I
Timmons, Marjorie Ruth	Mattoon	LAS	PJnl	Jr	I	
Tinghino, Anthony Joseph	Chicago	LAS	Chem	Fr	I	II
Tinsley, Kenneth Clinton	Taylorville	UGRAD		EM	I	
Tipps, Connie Jane Wood	Chicago	LAS	Genl	So	I	
Tipsword, Maxine Louise	Wood River	LAS	Genl	So	I	II
Tipton, Howard James	River Forest	UGRAD		EM	I	II
Tiritilli, Gloria Lucille	Chicago	LAS	DGS	So	I	II
Titock, Walter Stephen	Brookfield	LAS	Genl	Jr	I	
Titus, Alta Louise	Champaign	LAS	HEcon	Sr	I	II
Titus, Lois Elaine	Champaign	LAS	Genl	Sr	I	II
Tobiason, Margaret T.	Evanston	UGRAD		EM	I	II
Tobin, Daniel Anglim, B.S.	Chicago	MED	Med	4	Sp S F	
Tobin, David Jerome	Springfield	LAS	ChEng	Sr	I	II
Tochtrop, Ray Joseph	Wentzville, Mo.	UGRAD		EM	I	II
Todd, Mary Avis, A.B., A.M.	Urbana	GRAD	SWA	U	S	I II
Todd, William Henry, A.B.	Lawrenceville	MED	Med	4	Sp S F	
Todd, William Robert	West Frankfort	LAS	Genl	Fr	I	
Toepp, Frank Conrad	Chicago	ENG	ME	Fr	I	II
Tokay, Mehmet Nejat, B.S., M.S.	Ankara, Turkey	GRAD	CE	U	S	I II
Tokman, Jayce Lou	Chicago	FAA	Art	Fr	I	II
Tolpin, Paul Harvey	Chicago	LAS	PMed	So	S	I
Tom, Chow Loy, B.Ed.	Honolulu, Hawaii	LIB	LibSci	1	I	II
Tom, David Yung Choy	Honolulu, Hawaii	ENG	CE	Sr	S	I II
Tom, Gene Francis	Cartersville	LAS	Genl	Sr	S	I II
Tom, Helene Lin, B.F.A.	Chicago	FAA	Art	Sr	S	I
Tom, Robert	Los Angeles, Calif.	ENG	CE	Sr	S	I
Tomanek, Emil James, Jr.	Cicero	PE	PE	Fr	I	II
Tomasian, Virginia Bergerie	Chicago	LAS	Genl	Fr	I	II
Tomic, Toni Rose	Bryant	LAS	Genl	So	I	II
Tomiko, Ann Gertrude	Chicago	UGRAD		EM	I	II
Tomisek, Shirley Anne	Berwyn		Genl	Jr	I	II
Tomlinson, William Arthur, B.S.	Springfield	MED	Med	4	Sp S F W	
Tompkins, Floyd Carlton, B.Ed.	Henry	GRAD	Educ	EM	I	II
Topper, Herbert Arthur, B.S.	Chicago	MED	Med	4	Sp S F	
Tordella, John P., B.S., M.S., Ph.D.	Chicago	GRAD	Chem	U	S	
Tornello, Rosemary Clare	Chicago	LAS	DGS	Fr	I	II
Torrence, Jane Lyman	Morris	LAS	Genl	So	I	II
Toson, Robert William	Chicago	COM	LD	Fr	I	II
Tosovsky, Dorothy Marie	Edwardsville	AGR	Flor	Fr	I	II
Tossey, Francis Elizabeth	Springfield, Ohio	LAS	Genl	Fr	I	II
Toth, Myrtle Pearl	Chicago	LAS	Genl	Fr	I	II
Touche, Edith Carolyn	Oak Park	LAS	Genl	Fr	I	II
Tountas, Betty	Chicago	LAS	Genl	Fr	I	II
Tourney, Garfield	Quincy	MED	Med	1	I	W
Tourney, Robert Lyman	Quincy	MED	Med	4	Sp S F	
Tourtellott, Carol June	Galesburg	PE	PE	Fr	I	II
TouVelle, Alwyn Ross, B.S.	Chicago	MED	Med	1	I	W
Tower, Betty Lou	Chicago	COM	LD	Fr	I	II
Towne, Theodore Louis	Chicago	ENG	EE	Fr	I	II
Towns, Clarence, B.S.	Chicago	DENT	Dent	4	Sp S F W	
Townsend, Verna Kerker, B.Mus.	Urbana	LAS	Genl	Irr	I	II
Towsley, Betty Jane	La Grange	LAS	Genl	Jr	S	I
Tracy, Catherine Cecelia	Ivesdale	PE	PE	Jr	I	II
Train, Virginia L. Gher	Urbana	LAS	Genl	Sr	I	II
Trantin, Jean Ann	Park Ridge	LAS	Genl	So	S	I
Trapp, Walter Bernard	East Peoria	LAS	Chem	Sr	I	II
Tras, Mary Ann	Danville	LAS	Genl	Fr	I	II
Trask, Robert Schumann, A.B., A.M.	Cissna Park	GRAD	Educ	U	S	
Travis, Bane Thurlow, B.S.	La Salle	MED	Med	4	Sp S F W	
Travis, Francine Marion	Chicago	LAS	DGS	So	I	II
Traylor, Shirley Maxine	Taylorville	LAS	DGS	Jr	S	I II
Trcka, Milton John	Chicago	ENG	Genl	So	I	II
Treadwell, Charlotte Mamie	Chicago	COM	LD	Fr	S	I
Trebellas, Mary	Calumet	LAS	Genl	Sr	I	II
Tredinnick, Mary Ruth	Mazon	LAS	Genl	So	I	II
Treiger, William S.	Chicago	MED	Med	3	Sp S F W	
Trembl, Daniel Andrew	Chicago	FAA	Arch	Fr	I	II
Trentman, Anna Monica	Peoria	JNL	EJnl	Fr	I	II
Tresley, Jack, B.S.	Chicago	MED	Med	4	Sp S F W	
Tressler, Marian Emma	Chicago	LAS	Genl	Fr	I	
Treumann, William Borgen, B.S., M.S.	Urbana	GRAD	Chem	U	I	II
Tribbey, Ralph Edgar	Rankin	AGR	Genl	Jr	I	II
Trice, Helen Marie	St. Louis, Mo.	AGR	HEcon	Sr	I	II
Trick, Burton George	Chicago	AGR	Genl	So	I	II
Trifilio, Frank Joseph	Chicago	LAS	PMed	So	S	I
Trifunov, Ralph	Chicago	ENG	CE	Fr	I	II
Trilling, Arlene Phyllis	Chicago	LAS	Genl	Fr	I	II
Trilling, Harriet Gloria	Chicago	FAA	Mus	So	I	II
Trilling, Morton	Chicago	COM	LD	Fr	I	II
Trimpe, Clara White, B.S.	Havana	GRAD	Educ	EM	S	I II

Trimpe, Wilbur Richard Louis, B.Ed.	Havana	GRAD	Educ	U	S	
Trinkler, Irene Lucy	Chicago	EDUC	Genl	Jr		II
Trisch, Roberta Jane	Rockford	LAS	Genl	So	I	
Tristano, Mathew Dominic	Chicago	PHARM	Pharm	I		W
Trost, Kathryn Agnes	Champaign	LAS	DGS	Fr	I	II
Trost, Robert Milo	Chicago	PE	PE	Fr	I	II
Trstensky, Dorothea Elizabeth	Springfield	LAS	Chem	Fr	I	II
Truckenmiller, George Edward	Springfield	ENG	EE	So	I	II
Trudgen, Betty Jean	Canton	COM	LD	Fr	I	II
Trumbull, Elmer Roy, Jr., A.B.	Lawrence, Mass.	GRAD	Chem	U		I II
Trummel, Delbert Eston, B.S., B.S.	Sheldon	GRAD	Educ	U	S	
Trummel, Dorothy Jean	Bushnell	AGR	HEcon	Fr		I II
Trummel, Helen Belle	Oreana	AGR	HEcon	Sr	S	I II
Trumpe, William Daniel, B.S.	Champaign	MED	Med	4	Sp	S F W
Tryon, Ardella Katherine, A.B.	Waukegan	LIB	LibSci	I		S I II
Tsai, Shen Sui, A.B.	Yiyang, Hunan, China	GRAD	Accy	U		S I II
Tschudy, Gloria June	Salem	LAS	Genl	Jr	S	I II
Tsourmas, Gus Nickolas	Aro	ENG	EE	So		I II
Tuchman, Raiza Leah	Chicago	LAS	Genl	Fr		I II
Tuckel, Lois Jacquelyn	Minier	LAS	DGS	Fr		I II
Tucker, Atmer Oried	Salem	PE	PE	So	S	I II
Tucker, Cecil I.	Linden, Ala.	UGRAD		EM		II
Tucker, Enid Helene	Chicago	LAS	Genl	Sr		I II
Tucker, Marie, A.B., M.S.	Cowden	GRAD	Zool	U	S	
Tucker, Norma Jacke	Karbers Ridge	FAA	Art	Jr		I II
Tucker, Sheldon Marvin, B.S.	Chicago	MED	Med	4	Sp	S F
Tucker, Walter, Jr.	Chrisman	AGR	Genl	Fr		I II
Tudor, Benjamin Arthur, Jr.	Taylorville	LAS	Chem	Fr	S	I II
Tufano, Angelo Herman	Chicago	UGRAD		EM		II
Tully, Elizabeth Fruin, A.B.	Bloomington	GRAD	SWA	U		I
Tully, Mary Beth	Bloomington	LAS	Genl	Sr		I II
Tunnichiff, Barbara Jean	Paris	LAS	Chem	Jr		I II
Turkberk, Abdulgani	Istanbul, Turkey	ENG	CE	So	S	I II
Turke, George Joseph, Jr., B.S.	Hinsdale	MED	Med	I	Sp	S F
Turko, Michael	North Chicago	ENG	ME	So		I II
Turley, Betty Jane	Chicago	LAS	Genl	Jr		I II
Turner, Anita May	Butler	LAS	Genl	So		I II
Turner, Beulah Hortense, A.B.	St. Louis, Mo.	GRAD	Educ	EM		II
Turner, Curtis	Detroit, Mich.	UGRAD		EM		II
Turner, Dora Jane	Granite City	EDUC	Genl	Sr		I II
Turner, Elizabeth Anne	Riverside	FAA	Art	Jr		I II
Turner, Fern Nightingale	Fayetteville, N.C.	LAS	Genl	Sr		I II
Turner, Gladys Adell	Grand Chain	LAS	Genl	Jr		I II
Turner, Helen Jenette	Bethany	LAS	Genl	Fr		I
Turner, Hiram Maxfield	Mt. Vernon	COM	LD	Fr		I II
Turner, Jane Allyne	Lincoln	LAS	Genl	Jr		I
Turner, Joanne	Urbana	LAS	OccTher	So		I II
Turner, Marvin Leonard	Roanoke, Va.	UGRAD		EM		II
Turner, Mary Margaret	Chicago	LAS	Genl	So		I
Turner, William Robert, B.Ed.	Elmwood	GRAD	Educ	EM		I II
Turnovsky, Otto James, Jr.	Berwyn	ENG	MetE	Sr	S	I II
Turpin, Charles Udell	Chicago	ENG	ME	Fr		I II
Turpin, Robert Bernard	Chicago	PE	PE	Jr		I
Turski, Constance Mari	Skokie	FAA	Art	So		I II
Turvey, Jean Marie	New York, N.Y.	LAS	Genl	Fr		I II
Tutt, Beulah Ruth, B.S.	Peoria	GRAD	Educ	EM		I II
Tutt, Ruby Alleyne, B.S.	Peoria	GRAD	Educ	EM		I II
Tuveson, Arthur Edward	Chicago	LAS	Genl	Fr		I II
Twedt, David Cameron, B.S.	Marshalltown, Iowa	DENT	Dent	4	Sp	S F W
Twichell, Jeannette Elaine	Chicago	LAS	Genl	Fr		I II
Twigg, Robert Eugene	Carlyle	AGR	Genl	Fr		I II
Twomey, Helen Louise	Atlanta	COM	UD	Jr		I II
Tyler, Walter Blackman, B.Ed., A.M.	Peru	GRAD	Educ	U		I
Tylor, Elizabeth Marie	Champaign	LAS	Genl	Sr	S	I II
Tyrpak, Michael	Detroit, Mich.	UGRAD		EM		II
Tyrell, Bartholomew, Jr.	Waukegan	ENG	Genl	Fr		I
Tyus, Susie Belle, B.S., A.M.	Memphis, Tenn.	GRAD	Engl	U	S	
Ucitel, Viola	Chicago	LAS	Genl	Jr		I II
Ueberhein, Georgene	Morton	AGR	HEcon	Jr		I II
Ueberhein, Rozanne	Morton	AGR	HEcon	Fr		I II
Uehrke, George Charles	Chicago	PHARM	Pharm	I		S F W
Uhll, Mary Ellen	Athens	AGR	HEcon	Sr	S	I II
Uhlmann, Donna Jeanne	Blue Island	LAS	Genl	So		I II
Uhrick, Miriam Eloise	Salem	LAS	DGS	Fr		I II
Ullom, Robert William, B.Ed., A.M.	Flat Rock	GRAD	Educ	U	S	
Ulrich, Doris Jean	Peoria	LAS	Genl	Fr		II
Unal, Mummer	Istanbul, Turkey	ENG	MetE	Fr		I II
Underwood, Dolores	Dewey	COM	UD	Jr	S	I II
Underwood, Gail Forrest, B.S., A.M.	Industry	COM	Educ	U	S	
Underwood, Melfrances	Springfield	UGRAD		EM		I
Underwood, Robert Burns	Chicago	DENT	Dent	4	Sp	
Unger, Betty Anne, A.B.	Danville	GRAD	Span	U	S	I II
Unger, Donald Lee	Chicago	LAS	Genl	Jr		I II
Unmacht, Marilyn Fay	Rockford	LAS	PJnl	Fr		I II
Unterberg, Ruth Adele	New York, N.Y.	LAS	Genl	Fr		I II

Upstone, Karl Thomas	Arthur	ENG	CE	So		II
Upton, Charlotte McCrary	Litchfield	AGR	HEcon	Sr	S	I
Urban, Edward John	Homestead, Pa.	UGRAD		EM		II
Urban, Frank, Ph.D.	Oak Park	MED	Med	4	Sp S	F W
Urban, Joseph Francis	Chicago	LAS	Genl	Fr		II
Urban, Philip Valarie	Chicago	UGRAD		EM		II
Urbanek, Helen Mae	Elmwood Park	LAS	PMed	Fr		I II
Urdangen, Dorothy Ruth	Bloomington	LAS	PJnl	Fr		I II
Urgo, Rosemarie Rita	Melrose Park	AGR	HEcon	Sr	S	I
Urul, Vedat Mehmet, B.S.	Istanbul, Turkey	GRAD	CE	U	S	I II
Uterhart, Andreas Hans, B.S.	Chicago	DENT	Dent	4	Sp S	F
Utne, John Richard	Fergus Falls, Minn.	MED	Med	1		W
Utter, Ernest Harper	Rushville	LAS	PLaw	So		I II
Uyanik, Mehmet Ensar, B.S., M.S.	Kilis, Turkey	GRAD	CE	U	S	I II
Uzelac, Ann	Chicago	LAS	Chem	Fr		I II
Uzunur, Cevdet Suleyman	Istanbul, Turkey	ENG	ME	Fr		I II
Vaas, Francis John	Newton Centre, Mass.	UGRAD		EM		II
Vacendak, Alex	Whiting, Ind.	FAA	LArch	Sr	S	I II
Vacha, Marie Bukovsky, Ph.C.	Chicago	PHARM	Pharm	Spec Sp	S	
Vacketta, Barbara Guntor	Westville	LAS	Genl	Jr	S	
Vail, William Raleigh	Olney	LAS	Genl	Fr	S	I
Valcik, Louis	Oak Lawn	ENG	CE	Fr		I II
Valentine, Kathryn Luella	Monticello	ENG	Genl	Sr		I
Valicoff, George	Granite City	EDUC	AeroE	Fr		I
Valiton, Donald Frederick	Deer Lodge, Mont.	UGRAD		EM		II
Vallancey, John Crowder, A.B.	Chicago	MED	Med	4	Sp S	F
Van Buskirk, Georgia Louise	Fithian	LAS	Genl	So		I II
Van Buskirk, Harlow Keith	Chicago	UGRAD		EM		II
Van Cleave, Bernice Ford, A.B.	Urbana	GRAD	SWA	U		I II
Vanderbilt, Cornelius, Jr.	Chicago	DENT	Dent	2	Sp S	F W
Vander Kloot, Mary Louise	Homewood	LAS	Genl	Jr	S	II
Van Doren, Betty Jane	Elmhurst	PE	PE	Sr		I II
Van Duyn, Charles Michael	Pontiac	MED	Med	2	Sp S	F W
Van Dyke, Anne Elizabeth	La Grange	MED	Med	3	Sp S	F W
Van Dyke, Corinne Smyser	Chicago	LAS	Genl	Fr		I II
Van Etten, Leslie Joseph, B.Ed., M.S.	Galesburg	AGR	Voc	Irr		I
Van Gaasbeck, Harry Robert	Champaign	UGRAD		EM		II
Van Gessel, Peter F.	Chicago	UGRAD		EM		II
Van Gorden, Charles Brown	Lombard	MED	Med	4	Sp S	F W
Van Ham, Joseph Augustine, B.S.	Aurora	MED	Med	4	Sp S	F W
Van Heyningen, Earle Marvin, A.B.	Chicago	GRAD	Chem	U	S	I II
Van Horn, Homer Mortimer	Chicago	UGRAD		EM		II
Van Huss, John Joseph, B.Ed.	Sibley	GRAD	Educ	U	S	
Van Kirk, Paul Phillip, A.B.	Frankfort	MED	Med	4	Sp S	F W
Van Meter, Alice, A.B.	Mattoon	LAS	Genl	Sr	S	
Van Meter, M. Irene, B.S., M.S.	Urbana	GRAD	Chem	U		I
Vannelli, Renso John	Chicago	ENG	Genl	So	S	
Vannice, Esther Louise, B.Ed.	Normal	GRAD	Span	U	S	I II
Van Poucke, Raymond Francis	Neponset	AGR	Genl	Sr		II
Van Scheltema, George Henry	Chicago	UGRAD		EM		II
Van Slyke, Roslyn Helene Schwalbe	Urbana	FAA	Mus	Sr		I II
Van Steenberg, George Charles, B.S.	Joliet	DENT	Dent	4	Sp S	F
Van Steenberg, Helen Nancy	Normal	PHARM	Pharm	4		W
Van Stone, James Joseph	Philadelphia, Pa.	UGRAD		EM		II
Varchetto, Sam Dominick	Chicago	LAS	Genl	Fr		I
Varekoi, Peter Joseph	Chicago	DSSWV		Fr		I
Varellas, John George	Chicago	LAS	Genl	Fr	S	I
Varner, Betty Jane	Monticello	LAS	PE	Fr		I
Vaughn, George Louis, Jr.	St. Louis, Mo.	LAS	Genl	Fr		II
Veale, Paul Townsend, B.S.	Champaign	GRAD	Agron	U	S	I II
Veatch, Eugene Rice	Enfield	ENG	Genl	Fr		II
Vedalakis, Aratula	Joliet	COM	LD	So		I II
Vegeler, Robert Harry, A.B., B.S.	Fort Wayne, Ind.	LJB	LibSci	1	S	
Veirs, Anne Elizabeth	Urbana	FAA	Art	So	S	I II
Velzen, Bernard Henry, A.B.	Champaign	GRAD	Chem	U	S	
Venditti, Laurence	Chicago Heights	COM	LD	Fr	S	I II
Venell, Marion Henrietta, B.S., A.M.	Galesburg	GRAD	Educ	EM		I
Vercellino, Joseph	Mulkeytown	LAS	Genl	So		I II
Verdun, Mary Jeanne	Odell	COM	LD	So		I
Vergara, Emmanuel	Panama, Central America	FAA	Arch	Fr		I II
Verges, Clara Joann	Chicago Heights	PHARM	Pharm	3	Sp S	F W
Vernagallo, John	Chicago	FAA	Arch	Fr		II
Vernick, Sidney W.	Brooklyn, N.Y.	UGRAD		EM		II
Vernier, Verda Jean	Chicago	LAS	Genl	Fr		I II
Vernon, William Robert	Chicago	PE	PE	Fr		I II
Vernsten, Maynette Rosalie	La Grange	LAS	Chem	Jr		I II
Vertrees, Jacqueline	Springfield	COM	UD	Jr		I II
Vesecky, Marion Elizabeth	Berwyn	LAS	Genl	Sr		I II
Vetro, Frank, A.B.	Gloversville, N.Y.	LAS	DGS	Sr	S	
Viall, Mable Elizabeth	Manteno	AGR	HEcon	Fr		I II
Vick, John Edward	Chicago	LAS	PJnl	Fr		I II
Victor, Donald Harrison	Chicago	MED	Med	2	Sp S	F W
Victor, Harold Samuel	Detroit, Mich.	COM	UD	Jr	S	I II
Vidalakis, Sylvia Ruby	Joliet	LAS	Genl	Fr		I II
Vidovich, Eleanor Delores	Chicago	JNL	Jnl	Sr		I II

Vidovich, Lillian Carol	Chicago	LAS	Genl	So	I	II
Viering, Lawrence Edward	Rock Falls	LAS	PLaw	Fr	I	II
Vilis, Flora Vivian	Chicago	LAS	PMed	Jr	I	II
Vincent, Lena Naomi, B.Ed.	Quincy	GRAD	Educ	EM	I	II
Vincett, Dan Kendall	Aurora	LAS	PJnl	Fr	I	II
Vinciguerra, Peter Louis, B.S.	Chicago	MED	Med	4	Sp	S F
Vinee, Millicent Carle	Chicago	LAS	Genl	Jr	I	II
Vingar, Gertrude	Chicago	LAS	Genl	Jr	S	I II
Vinson, Grace Esther, A.B., B.S., A.M.	Normal	GRAD	Engl	U	I	II
Violet, Albert Glendon	Elmhurst	COM	LD	Fr	I	II
Virgin, Alice Lou	Arenzville	LAS	Genl	Fr	I	II
Vitt, Warren Russell	Canton	DENT	Dent	3	Sp	S F W
Vogel, Edward Fred	Chicago	UGRAD		EM	I	II
Vogt, Anna Louise	Metropolis	AGR	HEcon	Jr	I	II
Vogt, Edward Clarence	Chicago	UGRAD		EM	I	II
Voigt, Bernard Louise, B.Ed.	Springfield	GRAD	Educ	EM	I	II
Voigt, Cecile Jane	Elgin	COM	LD	So	I	II
Volk, Eldon L., A.B.	Normal	GRAD	Educ	U	I	II
Volkmann, Frieda	East St. Louis	FAA	Art	Fr	I	II
Volle, George Daniel	Mt. Pulaski	ENG	CE	Fr	S	I
Von Behren, Alwin Fred, B.Ed., M.Ed.	East Lynn	GRAD	Educ	U	S	I II
Vondra, George Charles	Chicago	LAS	Genl	Fr	S	I
Von Mehren, Jane, B.S.	Hibbing, Minn.	LIB	LibSci	1	I	II
Voorhees, George Randall	Urbana	PE	PE	So	I	II
Vorel, Frank John, B.Ed.	Mundelein	GRAD	MusEd	U	S	I
Voris, Jean Charlotte	Waterloo	JNL	Jnl	Jr	I	II
Vorreyer, Robert Frederick	Downers Grove	FAA	Art	So	I	II
Vosberg, Mary June	Toluca	COM	LD	Fr	I	II
Voss, Barbara Ellen	Little Rock, Ark.	JNL	Jnl	Sr	S	I
Voss, DeForest Edward	Oak Park	UGRAD		EM	I	II
Voss, John, Jr., B.S., M.S., Ph.D.	Peoria	GRAD	Educ	EM	S	I
Vujovich, Robert Nick	Chicago	LAS	ChEng	Fr	I	II
Vukoje, Mladen Lewis	Chicago	LAS	Genl	Fr	I	II
Vusich, Charles Matt	Benld	ENG	ME	Sr	S	I II
Yycital, Richard Otto, B.S., B.S.	McHenry	MED	Med	4	Sp	S F W
Vykouk, Frank Joseph, B.S.	Cicero	MED	Med	4	Sp	S F
Wacaser, Frances Agnes	Lincoln	COM	LD	Fr	I	II
Wachholz, Walter William	Chicago	UGRAD		EM	I	II
Wachob, Tom Webb, B.S.	Bloomington	MED	Med	3	Sp	S F W
Wachter, Henry Frank, Jr.	Peru	FAA	Arch	Sr	S	I
Wack, Harry Robert	Chicago	AGR	Genl	Fr	I	II
Wack, Mary Alice	Mansfield	LAS	Genl	Fr	I	II
Wacker, Helen Elizabeth	La Salle	LAS	DGS	So	I	II
Wacker, John Frank	La Salle	MED	Med	1	S	I W
Wacker, Sylvia Louise	Centralia	LAS	Genl	Fr	I	II
Wade, Arvena Marie	Rantoul	LAS	Genl	So	S	I II
Wade, Bonnie Marie	Paris	LAS	Genl	Jr	S	I II
Wade, Clifford Ray	Harrisburg	LAS	Genl	Jr	I	II
Wagenknecht, Theodore William, Jr.	Downers Grove	MED	Med	1	S	I W
Wagner, Katherine Jane	Ogden	LAS	DGS	Fr	I	II
Wagner, Kenneth Arleigh	Oak Park	UGRAD		EM	I	II
Wagner, Nathan	Chicago	ENG	Genl	Fr	I	II
Wagner, Walter A.	Highland Park	UGRAD		EM	I	II
Wagner, William Fred	Chicago	UGRAD		EM	I	II
Wagner, William Frederick, A.B., M.S.	Urbana	GRAD	Chem	U	I	II
Wagoner, Gilbert Peter	Hawthorne, N.J.	MED	Med	1	I	W
Wahl, Edmund David, A.B.	Decatur	GRAD	Educ	EM	I	II
Wahlberg, Ruth Esther	Chicago	FAA	Art	Sr	I	II
Wahlgren, Vincent Eric	Chicago	FAA	Arch	Sr	S	I II
Wainright, James Wallace, A.B.	Wood River	MED	Med	3	Sp	S F W
Waishwile, Betty Jane	Chicago	LAS	Genl	Fr	I	II
Wait, Mary Alice, B.S.	Greenville	LIB	LibSci	1	I	II
Waite, Howard Fletcher	Morrison	COM	LD	Fr	I	II
Wakefield, James Carter	Chicago	PE	PE	Fr	I	II
Wakeman, Margery Elnora	Decatur	LAS	Genl	So	I	II
Waldbauer, William	Chicago	UGRAD		EM	I	II
Waldman, Sidney	Chicago	DENT	Dent	1	I	W
Waldo, Margaret Helen	Indianapolis, Ind.	LAS	Genl	So	I	II
Waldorf, Richard Charles	Peru	ENG	EE	So	I	II
Waldschmidt, Marjorie Mary	Metamora	LAS	Genl	Fr	I	II
Walker, Alelia Gertrude	Springfield	UGRAD		EM	I	II
Walker, Alice Ann	Golconda	LAS	Genl	So	I	II
Walker, Beverly Louise	Delavan	AGR	HEcon	Fr	I	II
Walker, Billy Jane	Argenta	AGR	HEcon	So	I	II
Walker, Charles Clifford, M.D.	Des Moines, Iowa	MED	Laryng	PG	F	I
Walker, Cora Ruth	Sullivan	AGR	HEcon	So	I	II
Walker, Della May	Champaign		Uuc	S	I	II
Walker, Donald Neil	Morrisonville	COM	LD	Fr	I	II
Walker, George Rial	Robbins	PE	PE	Fr	I	II
Walker, Gloria Ann	Evanston	FAA	Art	Fr	I	II
Walker, Grace Evelyn	Urbana	AGR	HEcon	Fr	I	II
Walker, Guy Milton	Chicago	COM	LD	Fr	I	II
Walker, Jean Louise	Kenilworth	LAS	Genl	So	I	II
Walker, Joan, B.S.	Macomb	GRAD	Engl	U	I	II
Walker, Josephine Fidelis	Cairo	LAS	Genl	Sr	I	II
Walker, Mamie, B.Ed.	Carterville	GRAD	Educ	EM	I	II

Walker, Marilyn Switzer	Oak Park	LAS	Genl	So	I	
Walker, Rufus James	Kilbourne	MED	Med	1	S	I W
Walker, Ruth Olivette, B.Ed., A.M.	Bloomington	GRAD	Educ	EM	S	I
Walker, Vivian Lucille, B.Ed.	Carbondale	GRAD	Educ	EM	I	
Walker, William McAlpine, B.S.	Selma, Ala.	MED	Med	4	Sp	S F W
Wall, Bettie Lou	Salem	LAS	Genl	Fr	S	I II
Wall, Charles Raymond	Bremerton, Wash.	ENG	ME	Jr	S	I II
Wall, John Alphonse	Chicago	UGRAD		EM		II
Wall, June Elaine, B.S.	Decatur	EDUC	Genl	Sr	S	
Wallace, Anita Mae, B.S.	East St. Louis	UGRAD	Educ	EM	I	
Wallace, Mary Myrth	Urbana	LAS	HEcon	Fr	I	II
Wallace, Patricia Ann	Chicago	AGR	HEcon	Fr	I	II
Wallace, Robert Lee, B.S.	Champaign	GRAD	Educ	U	I	II
Wallace, Sarah Elizabeth	Monmouth	AGR	HEcon	Jr	S	
Wallach, Howard Frederic, A.B.	Chicago	MED	Med	3	Sp	S F W
Waller, Germaine Florence	Detroit, Mich.	FAA	Art	Jr		I II
Waller, William Howell, B.S., M.S.	Benton	GRAD	PE	U	S	
Wallis, Norma Eileen	Chicago	LAS	DGS	Fr	I	II
Wallis, Ruth Elberta, B.Ed., A.M.	Benson	GRAD	Educ	EM	I	
Walk, Silas	Peoria	MED	Med	3	Sp	S F W
Walls, Marion Benton, B.S.	West Frankfort	ENG	MinE	Sr	S	
Walmsley, Hester Agnes, A.B.	Peoria	GRAD	Educ	EM	I	
Walovitch, Marvin Irving	Chicago	DENT	Dent	2	Sp	S F W
Walsh, Flora Lea	Springfield	UGRAD		EM	I	
Walsh, Frederick Anthony, A.B., A.M.	Lake Forest	GRAD	Educ	EM	I	
Walsh, Marie	Chicago	EDUC	Genl	Jr	I	II
Walsh, Marilyn Jean	Campus	JNL	Jnl	Jr	I	II
Walter, Gilbert Isadore	Lincoln	AGR	Genl	So	I	II
Walter, Marjorie Louise, A.B., A.M.	Anna	LAS	Genl	Irr	I	
Walters, Farrell David	Phoenix, Ariz.	LAS	Genl	Unc	I	
Walters, Florence Amelia, B.S.	Chicago	MED	Med	4	Sp	S F
Walters, George Adolph, III	Joliet	COM	UD	Jr	I	II
Walworth, Lois Nelle, B.S.	Monmouth	GRAD	Educ	U	S	
Wand, Mary Adeline, A.B.	Onarga	LAS	Genl	Irr	S	
Wanen, Lois Patricia	Chicago	LAS	DGS		I	II
Wang, Chu-Kia, B.S., M.S.	Shanghai, China	GRAD	CE	U	I	II
Wang, Fu-Hsiung, B.S., M.S.	Lanchi, Chekiang, China	GRAD	Bot	U	S	I II
Wang, Pauline Rae	Kansas City, Mo.	LAS	Genl	Jr	I	II
Wankovsky, Meyer	Chicago	PHARM	Pharm	4	Sp	S F W
Ward, Donald Lewis, Jr.	Dayton, Ohio	UGRAD		EM		II
Ward, Herbert Monus, B.S.	Chicago	GRAD	Chem	U	S	
Ward, LaVonne Berdellis	Bethany	LAS	Genl	Fr	I	
Ward, Mary Evelyn	Urbana	LAS	Genl	Fr	I	
Ware, Mary Jo	St. Andrew, Fla.	LAS	Genl	Fr	I	II
Warfuel, Virginia Lee	Oak Park	LAS	Genl	Fr	I	II
Warfield, Florence, A.B., A.M.	Peoria	GRAD	Educ	EM	I	II
Warman, Doreen May	Elmhurst	COM	UD	Jr	I	II
Warmington, William John, B.S.	Evanston	MED	Med	4	Sp	S F W
Warmoth, Walter Ellis	Bone Gap	MED	Med	1		W
Warne, Virginia Jane, B.S., A.M.	Elburn	GRAD	SocSci	U	S	
Warner, Alice Denell	Evanston	LAS	Genl	Sr	S	
Warner, Harold Alfred, A.B.	Minonk	GRAD	Educ	EM	S	I
Warner, Margaret Leila, A.B.	Downers Grove	MED	EOccTher	Irr	S	F
Warner, Melvin Carl, B.S.	San Leandro, Calif.	GRAD	AgEcon	U	S	
Warren, Joseph Edward	Lockport, N.Y.	COM	UD	Jr	I	II
Warren, Mildred Irene	Urbana	AGR	HEcon	Jr	I	II
Warren, Patricia Elizabeth	Philadelphia, Pa.	COM	LD	So	I	II
Warrick, Blanche Elizabeth, B.S.	Ottawa	GRAD	Educ	U	I	
Warshafsky, Theodore M.	Chicago	LAS	Chem	Fr	I	
Warshofsky, Irving	Chicago	LAS	PMed	Fr	I	II
Warzak, Bernard John, B.S.	Chicago	DENT	Dent	4	Sp	S F W
Washington, Camille, A.B., A.M.	St. Louis, Mo.	GRAD	Engl	U	S	
Washington, Lucy Estelle, Ph.B.	St. Louis, Mo.	GRAD	Educ	EM	S	I II
Wassell, Raymond Eugene, B.S.	Chicago	DENT	Dent	4	Sp	S F
Wasserman, Eleanor Beatrice, B.S.	Urbana	GRAD	Engl	U	I	
Wasserman, Martin	Sheboygan, Wis.	FAA	LArch	Jr	I	
Wasserman, Roberta June	La Salle	JNL	Jnl	Jr	I	II
Wasserman, Selma	Washington, D.C.	LAS	Genl	So	I	II
Wasserman, William James	University City, Mo.	LAS	Genl	So	I	II
Watanabe, Rose Shizuko	Poston, Ariz.	AGR	HEcon	Fr	I	II
Watanabe, Toshi Chris	Rivers, Ariz.	LAS	ChEng	Fr	I	II
Waters, James Edmond	Polo	DSSWV		So	I	II
Waters, James Marshall, B.Ed.	Ridgefarm	GRAD	Educ	U	I	II
Waters, Thora Lucretia	Chicago	LAS	Genl	Fr	I	II
Watkins, Dan Hendren, B.S.	Moline	DENT	Dent	4	Sp	S F W
Watkins, Gardner H., A.B., A.M.	Urbana	GRAD	Hist	U	I	II
Watkins, Lorraine Lee	Urbana	LAS	Genl	Fr	I	II
Watkins, Margaret Batchelder, A.B.	Decatur	LIB	LibSci	1	S	
Watkins, Marjorie Cathyleen	Arthur	LAS	Genl	Fr	I	II
Watkins, Norma Jean	Arthur	AGR	HEcon	Fr	I	
Watkins, Rosemary Coultas	Jacksonville	LAS	Genl	Fr	S	I
Watkins, Shelton, A.B., A.M., M.D.	Louisville, Ky.	MED	Laryng	PG	F	
Watkins, Wayne Doud	Mason City	COM	LD	Fr	I	II
Watkins, William Whitfield	Aberdeen, Miss.	UGRAD		EM	I	II
Watson, Jeanne Elois Jewel, B.Ed.	Canton	MED	EOccTher	Irr	S	F



Watson, Joseph	Chicago	LAS	PLaw	So		II
Watson, Kenneth Warren	Riverton	JNL	Jnl	Jr	S	I II
Watson, Merle Mitchell	Quincy	LAS	ChEng	Fr		I
Watson, Wilbur James	Chicago	UGRAD		EM		II
Watt, Sidney Jane	Greenup	AGR	HEcon	Jr	S	I
Watters, Glenna Irene	Villa Grove	AGR	HEcon	Fr	S	
Watters, Harry Carl	Cicero	DENT	Dent	1	Sp	S F W
Watts, James Richard	Chicago	PE	PE	Fr	S	I
Waugh, Paul Revere, B.S.	Peoria	GRAD	InEduc	EM		I
Wauruk, Delphine Victoria	Chicago	LAS	Genl	So		I II
Wayne, Martha Louise, A.B.	Monmouth	LAW	Law	1	S	I II
Wear, Robert Lee	Princeville	LAS	Chem	Sr		I II
Weaver, Alice M. Burton, B.Ed.	Muncie	GRAD	Speech	U	S	
Webb, Creighton Carl	Elgin	JNL	EJnl	Fr		II
Webb, Doris Ethel	Mt. Vernon	FAA	LArch	So		II
Webb, Ellen Mae	Mt. Vernon	FAA	Art	So		II
Webb, Harrison Earl	Seymour, Wis.	COM	LD	Fr		I II
Webb, Roberta Marie	Harrisburg	AGR	HEcon	So		I II
Weber, Alice Harriet	Chicago	LAS	Genl	So		I II
Weber, Henry Robert	Chicago	UGRAD		EM		II
Weber, Lowell Wyckoff, A.B., B.S.	Havana, N.Dak.	MED	Med	3		W
Weber, Robert Davis	Harvey	COM	LD	So	S	I II
Weber, Robert William	Etna, Pa.	UGRAD		EM		II
Weber, Rosemary	Park Ridge	LAS	Genl	Fr		I II
Weber, Sally Phyllis	Chicago	LAS	Genl	Fr		I II
Webster, Clare Adeline	Chicago	LAS	Genl	So		I II
Webster, Patricia Marie	Wheaton	LAS	Genl	Fr		I II
Webster, Rosanna Gordon	Loda	LAS	Genl	Sr		I II
Webster, Vera Bonita	Urbana	LAS	Genl	Fr		I II
Weck, Helen Louise	Chicago	LAS	PMed	Fr		I II
Wedding, George Thomas, B.S.	Champaign	GRAD	Bact	U		I II
Wedge, Mary Josephine	Houston, Tex.	LAS	Genl	Fr		I II
Weed, Fannie Lucile, B.S., A.M.	Champaign	GRAD	Eng	U		I II
Wehling, Donald Russell	Urbana	ENG	ME	Sr		I II
Wehrmann, Glenn Charlesworth	Des Plaines	PE	PE	Fr	S	
Weidemann, Arthur K.	Maywood	UGRAD		EM		II
Weil, Nancy Rosalind	Minneapolis, Minn.	LAS	Genl	Fr		I II
Weiler, Robert Crosby	Chicago	COM	LD	Fr		I
Weimer, Ruth Helen	Pekin	LAS	Genl	Fr		I II
Weinard, Ruth Elizabeth	Urbana	LAS	Genl	So	S	I II
Weinberg, Donald Marvin	Chicago	COM	LD	Fr	S	I
Weinberg, Herbert	Highland Park	ENG	CE	Sr	S	
Weinberg, Mary Jane	Rushville	LAS	Genl	So	S	I
Weinberg, Trona Minerva	Chicago	LAS	Genl	Fr		I
Weiner, Jean	Chicago	LAS	DGS	Fr		I II
Weiner, Muriel Ann	Chicago	JNL	Jnl	Jr		I II
Weiner, Seymoure	Chicago	FAA	ArchEng	Fr		I II
Weingartner, William John, B.S.	Gladstone, Mich.	GRAD	Chem	C	Sp	
Weininger, Paul	Chicago	LAS	Genl	Fr		II
Weinman, Joseph Henry	Long Beach, N.Y.	ENG	CE	Fr		I II
Weinrich, Alice Marie	Chester			Unc	S	
Weinstein, George, B.S.	New York, N.Y.	LAW	Law	1	S	I II
Weinstein, Geraldine Marjorie	Rockford	LAS	Genl	Fr		I II
Weinstein, Phyllis Leah	Lawrence, N.Y.	LAS	DGS	So		I II
Weinstein, Toby Reva	Chicago	LAS	Genl	Fr		I II
Weintraub, Richard Andrew	Forest Park	ENG	EE	Fr		I II
Weinz, Dorothy Ann	Des Plaines	COM	LD	Fr		I II
Weis, Clifford Thomas	Chicago	UGRAD		EM		II
Weisbart, Hymen	Chicago	DENT	Dent	4	Sp	S F W
Weisbaum, M. Byron, B.S.	Springfield	MED	Med	4	Sp	S F
Weisberg, Evelyn Rhea	Detroit, Mich.	AGR	HEcon	Fr		I II
Weisberg, Lois Muriel	Chicago	LAS	Genl	Fr		I II
Weisiger, Nancy Brosius, B.S.	Quincy	LAS	Genl	Irr		I
Weiss, Audrey Marilyn	Chicago	LAS	Genl	Fr		I II
Weiss, Bertram Marvin	Chicago	LAS	Genl	Fr		II
Weiss, Dorothy	Suffern, N.Y.	LAS	DGS	Fr		I
Weiss, Edward Alois	Chicago	PHARM	Pharm	1		W
Weiss, Elaine Beverly	Chicago	LAS	Genl	Fr		I II
Weiss, Georgette Ann	Chicago	LAS	Genl	So		I II
Weiss, Harold Maurice, B.S.	Chicago	DENT	Dent	4	Sp	S F W
Weiss, Joey Allen	Chicago	COM	LD	Fr		I
Weiss, Lorraine Marsha	New York, N.Y.	LAS	Genl	So	S	I II
Weiss, Marion	Harvey	PHARM	Pharm	4	Sp	S F
Weiss, Marvin Arthur	Chicago	LAS	PMed	So	S	I II
Weiss, Patricia Lou	Champaign	LAS	DGS	So	S	I II
Weiss, Ralph	Chicago	LAS	PMed	So	S	
Weiss, Robert Carlton	Chicago	MED	Med	2	Sp	S F W
Weiss, Samuel	Brooklyn, N.Y.	MED	Med	1		W
Weiss, Shirley	Chicago	LAS	Genl	Fr		II
Weissman, Lester, A.B.	Caldwell, N.J.	MED	Med	1		W
Weitz, Fred, B.S.	Ellenville, N.Y.	DENT	Dent	4	Sp	S F
Weitzman, Jacqueline	Detroit, Mich.	LAS	Genl	Fr		I II
Weitzman, Lester	Chicago	PHARM	Pharm	3	Sp	S F W
Welbourne, Gilbert Bruce	Ottawa	ENG	EE	Fr		I
Welch, Emma Louise	Omaha	LAS	OccTher	Fr		I II
Welch, Emma Louise	Beardstown	COM	UD	Sr	S	I II

Welch, Joan Marie	Geneva, N.Y.	LAS	DGS	So	I	II
Welch, Mary Ann	Beardstown	AGR	HEcon	Fr	I	II
Welch, Pauline Donohoe	Urbana	AGR	HEcon	Jr	I	II
Welch, William Oliver	Chicago	UGRAD		EM	I	II
Weldon, Margaret Elizabeth	Dwight	AGR	HEcon	So	S	I II
Well, Clarence Emerson, B.Ed.	Pesotum	GRAD	Educ	U	I	II
Welles, Helen Louise	Rantoul			Unc	S	
Welles, Marion Francis	Gifford	AGR	Voc	Jr	S	I II
Wellinghoff, Mary Yvonne	Belleville	LAS	Genl	So	I	II
Wellman, Joann Marie	La Salle	LAS	Genl	Fr	I	II
Wellpott, Alice Emma	Hoyleton	EDUC	Genl	Jr	S	
Wells, Charles K., A.B.	Waltonville	MED	Med	4	Sp	S F
Wells, Eva Lorene, B.S.	Champaign	GRAD	Educ	U		
Wells, John W.	Chicago	UGRAD		EM		II
Welsch, William Walter	Joliet	LAS	ChEng	Srr	S	I II
Welsler, Lyle, B.S., M.Ed.	Kane, Pa.	LAS	Genl	So	S	I II
Welsh, Grace Frawley	Champaign	LAS	OccTher	So	I	II
Welsh, Helen Nelson, B.S.	Logansport, Ind.	AGR	Genl	Irr		II
Welsh, Peggy Ann	Bradford	LAS	Genl	Fr	I	II
Weltin, Edward George, A.B., A.M.	Urbana	GRAD	Hist	U	S	I II
Welty, Elizabeth Edna	Amboy	PE	PE	Fr	I	
Wemhoener, Ella May	Metropolis	AGR	HEcon	Sr	I	II
Wendell, Doyel P., B.S.	Leaf River	GRAD	Educ	U	I	
Wendling, Alice Kathleen Crebo	Harrisburg	JNL	EJnl	So	I	II
Wendt, Gerald Francis	Chicago	LAS	PLaw	Fr	I	II
Wengel, Gabriella Ann Dorothy	Chicago	LAS	Genl	Fr	I	II
Wengelewski, Carol Frances	Chicago	PHARM	Pharm	1		W
Wenig, Charlotte	Chicago	LAS	Genl	Fr	I	II
Wenig, Wayne Phillip	Chicago	LAS	DGS	Fr	I	II
Wenstrand, Charles Eldon	Leavenworth, Kans.	UGRAD		EM		II
Wentz, Roy Albert, B.S., M.S.	Springfield	GRAD	Educ	EM	I	II
Wenzlaff, Robert LaVerne	Streator	COM	LD	So	I	II
Weprin, Rubin	Chicago	COM	LD	Fr	I	II
Werkow, Theodore	Chicago	PHARM	Pharm	Spec	S	F W
Wersching, John Phillip	Cincinnati, Ohio	DENT	Dent	2	Sp	S F W
Wershkoif, Myron Jerome	Chicago	ENG	Genl	Fr	S	
Werner, Margaret Anna, A.B., B.S.	Payson	GRAD	LibSci	U	I	II
Werner, Mildred Cecelia, B.Ed.	Galesburg	GRAD	Hist	EM	S	I
Wessell, Jack Richard	Park Ridge	LAS	PMed	So	I	
Wessies, Henry Lester	Chicago	UGRAD		EM		II
West, Christopher Otis, B.S.	Lexington, Miss.	DENT	Dent	3	Sp	S F W
West, Geraldine Edna, B.S.	Peoria	GRAD	Educ	EM	I	
West, Ruthclaire	Bristol	LAS	DGS	Fr	I	II
Westaby, Marjorie May	Oak Park	AGR	HEcon	Jr	I	II
Westberg, Maxine Louise	Rockford	LAS	Genl	So	I	II
Wester, Clifford, A.B., M.S.	Fargo, N.Dak.	GRAD	Entom	U	I	II
Westgor, Mavis Jean	Dixon	FAA	Art	So	I	II
Weston, Marilyn Joyce	Kansas	LAS	Genl	Fr	I	
Wetherbee, Samuel Ambrose	Springfield	UGRAD		EM	I	
Wetzel, Walton E., B.S., M.S.	Lake Forest	GRAD	Educ	EM	I	
Wetzler, JoAnn	Chicago	JNL	EJnl	Fr	I	II
Wexler, Cecile Selma	Springfield	JNL	Jnl	Jr	S	I II
Wexler, Charlotte	Chicago	LAS	Genl	Sr	I	II
Wexler, Helen	Chicago	FAA	Art	So	S	
Wexler, Morris Jacob	Chicago	LAS	DGS	Fr	S	I
Wexman, Faithe Eloise	Joliet	LAS	Genl	Fr	I	II
Weyl, Wolfgang Leonard, A.B., B.S.	Chicago	MED	Med	4	Sp	S F W
Weyrauch, Gerald Hugo	Oregon	LAS	ChEng	Fr	S	
Whalen, Paul Vincent, B.Ed.	Colchester	EDUC	Genl	Irr		II
Wharton, Marilyn Jean	Chicago	LAS	Genl	Sr	I	II
Whatley, Frances, A.B., A.M.	Austin, Tex.	GRAD	Span	U	S	I II
Wheaton, John Frances	Redwood City, Calif.	UGRAD		EM		II
Wheeler, Betty Lou	Glen Ellyn	LAS	OccTher	Fr	I	II
Wheeler, Estella Mae, A.B.	Peoria	GRAD	Geog	EM	I	
Wheeler, Florence Elmira	Belvidere	LAS	Genl	Fr	I	II
Wheeler, Floyetta Claudia	Chicago	LAS	Genl	So	S	I II
Wheeler, Lois Jeannette	Chicago	FAA	Mus	Fr	I	II
Wheeler, Mary Greffe, B.S.	Taylorville	GRAD	HEcon	U	S	
Whelan, Luella Beers	Cartter	EDUC	Genl	Unc		I II
Whetzel, Wilma Orpha	Champaign	AGR	HEcon	Jr	I	II
Whipp, Dorothy	Petersburg	LAS	Genl	Sr	I	II
Whipple, Carol Juin	Oak Park	LAS	Genl	So	S	I II
Whipple, Vera Virginia	Arcola	LAS	Genl	Fr	I	
Whitaker, Edward Lee	Forest City	COM	LD	Fr	I	II
Whitaker, Wesley Monroe, B.Ed.	Marion	GRAD	Educ	EM	I	
Whitcomb, Ann Cyrus	Chicago	LAS	DGS	Fr	I	II
White, Andrew	Salem	LAS	DGS	Fr	I	II
White, Anna Lee	Effingham	FAA	Mus	So	S	I II
White, Annabelle Shaw	Springfield	LAS	Genl	Fr	I	II
White, Carol Iva	Blue Island	FAA	Mus	So	I	II
White, Charles Maynard, B.S.	Tamms	GRAD	Educ	EM	I	II
White, Donovan Cabot	Auburn	LAS	PLaw	Fr	I	II
White, Edward William, Jr.	Chicago	LAS	Genl	Fr	I	
White, Helen Ann	Greenville	LAS	Genl	Fr	I	II
White, Helen Genevieve	Evanson	PE	PE	So	I	II

White, Helen S.	Chicago	UGRAD		EM	II
White, James	Chicago	DENT	Dent	1	W
White, June Elayne	Chicago	PHARM	Pharm	2	Sp S F W
White, Lucien Wendell, A.B., A.M.	Moline	GRAD	French	U	S S I II
White, Nina Lorraine	Urbana	LAS	Genl	So	S I II
White, Polley, A.B.	Springfield	UGRAD		EM	I II
White, Ray Sterling	Austin, Tex.	UGRAD		EM	I II
White, Richard Shurbie, B.S.	Chicago	GRAD	Biol	U	I
White, Robert Browning, A.B., B.S.	Naperville	MED	Med	4	Sp S F
White, Rosemary	Champaign	JNL	Jnl	Jr	I II
White, William Arthur, B.S.	Champaign	GRAD	Geol	U	S I II
Whitesell, Constance June	Danville	AGR	HEcon	So	I II
Whitfield, Lawrence Alexander, B.S., M.S.	Alton	MED	Med	4	Sp S F W
Whiting, Barbara Lucille	Urbana	LAS	Genl	So	I II
Whiting, Geraldine Elizabeth	Chicago	COM	LD	So	I II
Whitlark, Frederick Louis	Mokena	MED	Med	3	Sp S F W
Whitley, Lolamae	Jerseyville	FAA	Arch	So	S I II
Whitley, Mary Beth	Harrisburg	FAA	Mus	Sr	S S I II
Whitley, Virginia Margaret, A.B., A.M.	Jerseyville	GRAD	Latin	U	S
Whitney, Doris Soule, B.S.	Roselle	GRAD	Bact	C	W
Whitson, Helen Mae	Urbana	AGR	HEcon	Jr	I II
Whitson, Lois Joan	Waukegan	LAS	Genl	So	I II
Whitted, Jack Johnson	Danville	COM	LD	Fr	I
Whitten, Nancy	Urbana	LAS	Genl	Jr	I
Whitton, Caroline Trenkle	Le Roy	AGR	HEcon	Sr	S I II
Whitton, Norma Lee	Toluca	LAS	Genl	So	I II
Wible, Norma Jeanne	Homewood	FAA	Art	Fr	I II
Wich, Frederick Paul	Elizabeth, N.J.	LAS	Chem	Fr	I II
Wichert, Elizabeth Ann	Springfield	COM	PLaw	So	I II
Wichterman, Glen Herbert, B.S.	Chicago	MED	Med	4	Sp S F W
Wick, Harold L.	Wilmington, Calif.	UGRAD		EM	II
Wicklund, Alvin	Minneapolis, Minn.	UGRAD		EM	II
Widdowson, Herbert Milton	Carrollton	AGR	Genl	Fr	I
Widran, Claire Gloria	Chicago	LAS	Genl	Fr	I
Widran, Jerrold	Chicago	LAS	PMed	Jr	S I II
Wieczorek, Mary Michaeline, B.S.	Chicago	MED	Med	1	I W
Wiederhold, Louis, III, A.B.	Philadelphia, Pa.	GRAD	Chem	U	S
Wiegand, George Arthur	Waterloo	LAS	Genl	So	I
Wielgorecki, Otto Edward	Blue Island	AGR	Genl	So	I II
Wiemers, Elaine Betty	Chicago	LAS	Genl	Sr	I II
Wiener, Joyce	Brooklyn, N.Y.	LAS	Genl	Fr	I II
Wiener, Samuel Harold, B.S.	Chicago	MED	Entom	PG	F
Wiersema, Louise Anabel	Morrison	FAA	Art	Fr	I II
Wiese, William Milton	Libertyville	LAS	PLaw	Fr	I II
Wietor, George John	Park Ridge	LAS	Genl	Fr	II
Wieza, Wanda Michelina	Chicago	LAS	Genl	So	I II
Wigell, Edward Oscar	Chicago	LAS	Chem	Fr	I II
Wilansky, Allen Gerald	Chicago	LAS	PMed	Fr	I
Wilbur, David George	Mattoon	MED	Med	2	Sp S F W
Wilcockson, Marguerite Virginia	Springfield	UGRAD		EM	I
Wilcox, Jean	Urbana	LAS	Genl	Jr	I II
Wildman, Phyllis Lou	Chicago	LAS	Genl	Jr	I II
Wilens, Beverly Dolores	Chicago	LAS	Genl	Jr	I II
Wilens, Charles Edwin	Chicago	LAS	PMed	So	S I II
Wiley, Andrew Elcock	Chicago	COM	LD	Fr	I
Wilfred, Eleanor Jayne	Metropolis	LAS	Genl	Sr	I II
Wilhelm, Hal Weber	Edwardsville	LAS	Genl	Fr	S I
Wilhelm, Alice Mae	Chicago	FAA	Mus	Sr	S I II
Wilkes, Joe Frank, A.B., A.M.	Urbana	GRAD	Educ	U	S I II
Wilkey, Dwight Bensyl	White Heath	EDUC	Genl	Sr	S
Wilkie, Robert Thomas	Chicago	PE	PE	Jr	I II
Wilkin, Frances Margaret	Chicago	LAS	DGS	Fr	I II
Wilkinson, Betty Mae	Tinley Park	LAS	OecTher	So	I II
Wilkinson, Robert Eugene	Fairfield	AGR	PFor	Fr	I II
Willard, John Calvin, B.S.	Lexington	GRAD	Educ	EM	II
Willert, William Frank Paul	Chicago	COM	LD	Fr	I
Willett, Thelma Elizabeth, A.B.	Granville, Ohio	GRAD	Mus	U	I II
Willey, Jane Iris	Chicago	LAS	Genl	So	I II
Wilhelm, Lawrence Raymond	Dayton, Ohio	MED	Med	1	I W
Williams, Arnold Kenneth	Chicago	LAS	PDent	Fr	I II
Williams, Barbara LaMarr	Chicago	LAS	Genl	Fr	I II
Williams, Barbara Witt, B.S.	Evanston	GRAD	Chem	C	Sp S F W
Williams, Betty Lu	Antioch	LIB	LibSci	Unc	S S
Williams, Carl Wayne	Charleston	LAS	PMed	Fr	S
Williams, Catherine Louise, B.S.	Chicago	GRAD	Chem	U	I II
Williams, Christine Sykes, A.B., A.M.	Montreal, Canada	GRAD	Math	U	I II
Williams, Clara Vernon	Chicago	LAS	DGS	Fr	I II
Williams, Corinne Gladys	Chicago	JNL	Jnl	Jr	I II
Williams, Donald F.	Murphysboro	MED	Med	2	Sp S F W
Williams, Earl James	Chicago	ENG	ME	Fr	I
Williams, Edith Gwendolyn	Bloomington	LAS	Genl	Jr	I II
Williams, Ellery Fredrick	Altadena, Calif.	UGRAD		EM	II
Williams, Elmo, B.Ed.	Harrisburg	GRAD	Educ	EM	II
Williams, Emma Jane	Watseka	LAS	PJnl	Jr	I II
Williams, Fleming Lawrence	Chicago	LAS	PLaw	Fr	I II

Williams, Francis Edward, B.S.	Springfield	GRAD	Educ	EM	I	
Williams, Frank Moore	Danville	LAS	PJnl	Fr	I	II
Williams, Griffith R.	Oak Park	UGRAD		EM		II
Williams, Helen Jane	Chicago	LAS	DGS	Fr	I	II
Williams, Helen Marion	Chicago	FAA	Art	So	I	II
Williams, Joan Muriel	Kankakee	LAS	Genl	Fr	I	II
Williams, Leo, Jr.	Chicago	ENG	EE	So	I	
Williams, Lillian Lorraine	Urbana	LAS	Genl	Fr	I	II
Williams, Lowell Keith, B.S.	Denver, Colo.	MED	Med	4	Sp	S F
Williams, Lucius Archie	Chicago	COM	LD	So		I
Williams, Lura Hazel	Dixon	LAS	PJnl	Jr	I	II
Williams, Marilyn Ann, B.S.	Glenview	LAS	EOccTher	Irr		II
Williams, Mary Carolyn	Chicago Heights	FAA	Arch	Jr		I II
Williams, Mary Elizabeth, B.Ed.	Warrensburg	GRAD	Speech	U	S	I II
Williams, Mary Ellen	Ottawa	LAS	Genl	Jr		I II
Williams, Mary Louise, A.B.	St. Louis, Mo.	GRAD	Educ	EM		I II
Williams, Maude, A.B., M.S.	Urbana	GRAD	Bact	U		I II
Williams, Mildred Marie	Chicago	LAS	DGS	Fr		I II
Williams, Myrtle Ellen	La Grange	LAS	Genl	Jr		I II
Williams, Norman R.	Chicago	UGRAD		EM		II
Williams, Oren F., B.E.	Oakland City, Ind.	GRAD	Chem	U		II
Williams, Richard Bentz, B.S.	Jonesville, Mich.	LAS	Genl	Irr	S	
Williamson, Aaron Ronald	Rock Island	MED	Med	3	Sp	W
Williamson, Alice Virley, A.B., J.D.	Girard	LAW	Law	2	S	
Williamson, George Leslie, A.B., B.S.	Dickinson, N.Dak.	MED	Med	3		W
Williamson, Harlan Lee	Jacksonville	COM	LD	Fr	I	II
Williamson, Joseph Morris	Urbana	LAS	PLaw	So	I	II
Williamson, Kermit	Chicago	UGRAD		EM		II
Williamson, Norma Jean	Chatham	LAS	DGS	Jr	S	I
Williamson, Patricia Ruth	Kirkwood, Mo.	FAA	Mus	Fr		I II
Willis, Carol Winifred	Chicago	LAS	Genl	So		I II
Willis, Mary Amanda	Champaign	LAS	DGS	Fr		I II
Willis, Richard Hartley	Champaign	ENG	EPhy	Fr		I II
Willis, William Frank, B.S., A.M.	Festus, Mo.	GRAD	Educ	U	S	
Willner, Helen Marcella	Chicago Heights	MED	Med	1	S	W
Willner, Jill Phyllis	Chicago	FAA	Art	Fr		I II
Willson, Frederick Albert	Chicago	UGRAD		EM		II
Wilmeth, Frances Hastings	Springfield	LAS	DGS	Fr		I II
Wilmot, Barbara Laird	Carbondale	LAS	Genl	So		I II
Wilson, Abraham	Atlantic City, N.J.	UGRAD		EM		II
Wilson, Ardath Arlene	Prophetstown	PE	PE	Jr		I II
Wilson, Annette Elsie, A.B.	Peoria	GRAD	Educ	EM		I II
Wilson, Audrey Eunice	Oak Park	JNL	Jnl	Jr		I II
Wilson, Betty Josephine	Gilman	COM	LD	So		I II
Wilson, Beulah Ruth	Ogden	AGR	HEcon	So		I II
Wilson, Beverly Gerard	La Grange	LAS	Genl	So		I II
Wilson, Carol Dean	Champaign	LAS	Genl	So		I
Wilson, Dorothy Lois	Harrisburg	LAS	Genl	Jr	I	II
Wilson, Dorothy M., A.B.	Springfield	GRAD	Educ	EM		II
Wilson, George Clayton	Tecumseh, Mich.	MED	Med	1		W
Wilson, Glenn Kenneth	Decatur	COM	LD	Jr	S	I
Wilson, Grant, Jr.	Chicago	PHARM	Pharm	1		W
Wilson, Jane Patricia	Chicago	LAS	Genl	Fr		I II
Wilson, Jerry Scott, A.B.	Rochelle	DENT	Dent	3	Sp	S F W
Wilson, Margery Winnifred, B.S.	Urbana	GRAD	Educ	U	S	
Wilson, Martha Louise, B.S., A.M.	Riverside	AGR	HEcon	Irr		I II
Wilson, Mary Jane	Park Ridge	LAS	Genl	Jr		I II
Wilson, Mary Lois	Broadlands	AGR	HEcon	So		I
Wilson, Mildred Louise	Onarga	LAS	Genl	Fr		I II
Wilson, Myrtle Elaine	Granville	LAS	Genl	So		I II
Wilson, Phyllis Elaine	Springfield	LAS	Genl	Fr		I II
Wilson, Raymond G., B.S., Ed.M.	Union City, Tenn.	GRAD	Educ	U	S	
Wilson, Robert Edward	La Grange	ENG	ME	Fr		I II
Wilson, Robert Louis	Downs	ENG	EE	Fr	S	I
Wilson, Robert Wayne	Decatur	COM	UD	Jr	S	II
Wilson, Stanley, Jr.	Harrisburg	COM	UD	Sr		II
Wilson, Vance Vincent	Kankakee	LAS	DGS	So	S	I II
Wilson, Verna Lee	Homewood	LAS	Genl	Jr		I II
Wilson, Virginia Ruth	Industry	LAS	Genl	Fr		I II
Wilson, Walter Hunter, B.Ed.	Strasburg	GRAD	Educ	U	S	I II
Wilson, William Hansford, Jr., A.B.	Danville	MED	Med	4	Sp	S F W
Wimberly, Letitia Wannah	Springfield	FAA	Mus	Fr		I II
Wimer, David Carlisle	Urbana	LAS	Chem	Fr	S	
Winder, Kathryn Lucille	Pecatonica	EDUC	Genl	Sr	S	I
Windhorst, Lois Hume	Kansas City, Mo.	ENG	EE	Sr		I II
Winegarner, Estel Homer	Salem			Unc	S	
Winegarner, Hazel Merret, B.Ed.	Decatur	LIB	LibSci	1	S	
Wing, Robert Louis	Chicago	DENT	Dent	4	Sp	S F W
Winkelmann, Martha Jeanne	Urbana	FAA	Art	So		I II
Winkler, Edwin William	Chicago	PE	PE	Fr		II
Winkley, Angela Adele	Elmhurst	LAS	Genl	Fr		I II
Winokur, Celia	Detroit, Mich.	LAS	Genl	Fr		I
Winsberg, David Melvin	Chicago	LAS	PMed	So	S	I
Winslow, Alice Elizabeth	Hannibal, Mo.	LAS	Chem	Sr		I II
Winslow, Gloria Claire	Tiskilwa	LAS	Genl	Sr		I II
Winslow, Mildred Mae, B.S.	Grundy Center, Iowa	LIB	LibSci	1	S	

Winter, Natalie Joan	Chicago	LAS	Genl	Fr		I	II
Winter, Patricia Lue	Akron, Ohio	EDUC	Genl	Sr	S	I	II
Wintergreen, Helen Ruth	Chicago	LAS	PLaw	Fr		I	II
Winterhof, Lila Mae	Lansing	FAA	Mus	Fr		I	II
Winters, Margaret Ann	Georgetown	LAS	Genl	So	S	I	
Winters, Virginia Lee	Hutsontonville	LAS	PJnl	So		I	II
Wiora, Donald James	Chicago	ENG	Genl	Fr		I	II
Wise, Catherine Rachel	Chicago	MED	Med	I			W
Wise, Donald Earl	Champaign	LAS	PMed	UD		S	I
Wise, Doris Ramona	Urbana	COM	UD	Unc			II
Wise, Thomas Albert, B.S.	Champaign	DENT	Dent	4	Sp	S	F
Wisegarver, Virginia May, B.S.	De Land	LAS	Genl	Sr		S	II
Wiseheart, Mary Ann	Champaign	LAS	Genl	So			I
Wisely, Harriet Reese, A.B.	Merriam, Kans.	GRAD	CerE	U		I	II
Wiseman, Highland, B.S.	Depue	GRAD	Educ	U	S		
Wiseman, Margaret Clare	Watsoka	LAS	DGS	Fr		I	II
Wiskamp, Gladys Marguerite, A.B.	Belleville	LAS	Genl	Sr		S	
Wiss, Edward John	Chicago	MED	Med	4	Sp	S	F
Wissel, Howard Alvin, Jr.	Sandwich	COM	UD	Jr			I
Witanowski, Michael Frank, B.S.	Chicago	MED	Med	4	Sp	S	F
Witensky, Beverly Renee	Chicago	LAS	Genl	Jr			I
Witges, Florence Hatty	Scheller	COM	LD	Fr		I	II
Witham, Robert Blaine	Surrey, N.Dak.	UGRAD	EM	EM			II
Withers, Thomas Noel	Chicago	UGRAD	EM	EM			II
Witherspoon, Sarah Ann	Fairmount	LAS	Genl	So	S	I	II
Withey, Albert Baxter, B.Ed.	Springfield	GRAD	PE	U			I
Withum, Norma Emma	Columbia	LAS	DGS	Fr		I	II
Witmer, Barbara Alice	Downers Grove	LAS	Genl	Jr		I	II
Witney, Judith Clein	Chicago	LAS	Genl	So	S	I	II
Witt, Eloise, A.B.	Chicago	MED	EOccTher	Irr	S	F	
Witt, Theodore Johu	New York, N.Y.	UGRAD	EM	EM			II
Witte, Merlin Michael	Los Angeles, Calif.	UGRAD	EM	EM			II
Wittenberg, Vera Turner	Chicago	PHARM	Pharm	1		F	W
Witter, Lois Jean	Berwyn	EDUC	Genl	Jr		I	II
Withoft, Irving	Chicago	UGRAD	EM	EM			II
Wittner, Murray	Far Rockaway, N.Y.	LAS	PMed	Fr		I	II
Wittrock, Verna Dorothy, B.S.	Chicago	GRAD	Engl	U	S	I	II
Witty, Ruth Ann	Pleasant Plains	LAS	Genl	Sr		I	II
Witty, Sally Marilyn	Pleasant Plains	LAS	Genl	Sr	S	I	II
Witwer, Patricia Ann	Urbana	LAS	Genl	Sr		S	I
Witzel, Marshall	Chicago	LAS	Chem	Fr		S	
Woestenburg, Anne Mary, A.B., A.M.	Detroit, Mich.	MED	Med	1			W
Wohler, Wilma Louise, B.Ed.	Greenview	GRAD	Educ	U	S		
Wojciechowski, Dorothy Cecile	Chicago	FAA	Mus	Fr		I	II
Wojtasek, Leona Irene	Highland, Ind.	LAS	DGS	So		I	II
Wolf, Betty Lou Vivian	Wilmette	LAS	Genl	Jr			II
Wolf, Dorothea Luella, B.Ed., A.M.	Ludlow	GRAD	Educ	U	S		
Wolf, Evelyn Irene	Avon	LAS	Genl	Fr		I	II
Wolf, Gloria Joy	Chicago	LAS	Genl	So		I	II
Wolf, LaVene Irene	Foosland	JNL	EJnl	Fr		I	II
Wolf, Milton, A.B.	Hartford, Conn.	MED	Med	1			W
Wolf, Monica Priscilla	Odell	FAA	Mus	Sr		I	II
Wolf, Robert Elmer, A.B.	Chicago	LAS	PMed	Irr	S	I	II
Wolf, Ruth Miriam	Chicago	COM	LD	So			I
Wolf, Ruth Myrtle	Rockford	AGR	HEcon	So		I	II
Wolf, Sherman Howard	Chicago	LAS	Genl	Fr		S	I
Wolfe, Evelyn	Hollywood	PHARM	Pharm	3	Sp		
Wolfe, Gordon Frank, B.S.	Elgin	MED	Med	4	Sp	S	F
Wolfe, Nancy Le Ellen	Mansfield	LAS	DGS	Fr		I	II
Wolfe, Ruth Alice	St. Joseph	LAS	Genl	Fr		I	II
Wolfer, Robert Kenneth	Pekin	DENT	Dent	1			W
Wolff, Alice Louise	Danville	LAS	Genl	Fr		I	II
Wolff, Edward Frank, Jr.	Chicago	ENG	ME	Sr	S	I	II
Wolff, Eunice Joyce	De Kalb	JNL	Jnl	Jr		I	II
Wolff, Florence, Cert. F.A.	Indianapolis, Ind.	MED	EOccTher	Irr	S	F	
Wolff, Maxine Lec	Springfield	LAS	Genl	Fr		I	II
Wolfson, Davida Maxine	Oak Park	LAS	Genl	Jr	S	I	II
Wolfman, Miriam	Chicago	LAS	Genl	So		I	II
Wolfman, Vivian, B.S.	Urbana	LAS	Genl	Irr	S		I
Wolinetz, Sally Hazel Schwartz	Chicago	LAS	Genl	Sr			I
Wolk, Charles Stanley	Chicago	ENG	ME	Fr	S	I	II
Wolochuk, Eugene	Chicago	LAS	PMed	Fr			I
Woloshin, Rose Wallie	Chicago	LAS	Genl	Jr			I
Wolper, Lorraine	Chicago	FAA	Art	So		I	II
Wolski, Clarence	Chicago	UGRAD	EM	EM			I
Womack, Maurice Lynn	Arlington, Va.	DSSWV	Jr	Jr		I	II
Womelsdorf, Harry Bruce	Freeport	FAA	Art	So		I	II
Wood, Beverly Priest	Little Rock, Ark.	JNL	EJnl	Fr		I	II
Wood, Clarence James	Wilmington	ENG	CE	Sr		I	II
Wood, Dann Lynn	Virginia Beach, Va.	LAS	Genl	Fr		I	II
Wood, Dorothy Louise	Mt. Vernon	LAS	Genl	Jr		I	II
Wood, Francis Eugene	Carrollton	COM	LD	So			I
Wood, Iris Irene	Washington, D.C.	LAS	PJnl	So	S	I	II
Wood, Justina LaNette	Rock Island	AGR	HEcon	Fr		I	II
Wood, Margaret E., B.S., B.S.	Downers Grove	MED	Med	4	Sp	S	F
Wood, Marilyn Ellen	Decatur	LAS	Genl	Sr		I	II

Wood, Thomas Ellsworth	Chicago	LAS	Genl	Fr	S		
Wood, William Shoecraft	Chicago	LAS	Genl	Fr		I	II
Woodman, Betty Jane	Peoria	LAS	Genl	Fr		I	
Woodman, Forrest Jackson	Peoria	MED	Med	3	Sp	S	F W
Woodruff, Edna Madaline, B.Ed.	McLeansboro	GRAD	Educ	U		S	
Woods, Donald Arthur, A.B., B.S.	Galesburg	GRAD	LibSci	U			I II
Woods, Margaret Ellen	Chicago	FAA	Arch	So			I II
Woods, Marjorie Pauline	Shelbyville	LAS	Genl	Fr			I II
Woodside, Mary Lee	Mason City	LAS	Genl	Jr		S	
Woodson, Harold William, B.S.	Chicago	GRAD	Chem	C	Sp	S	F W
Woodson, Kenneth Eugene	Galesburg	LAS	Plaw	Fr			I II
Woodward, Fred Erskine, A.B., A.M.	Frammingham, Mass.	GRAD	Chem	U			S I II
Woodward, Lynn Edward	Mound City	ENG	MinE	U		S	I
Woodworth, Everett Wayne	Kenmore, N.Y.	MED	Med	1			I W
Woody, Wanda Lou	Chicago	LAS	Genl	Fr			I II
Woodriddle, Helene Martella, B.S.	St. Louis, Mo.	GRAD	Educ	EM			I
Woolever, Hance	Michigan City, Ind.	UGRAD		EM			II
Wooley, Helen Ruth	Champaign	LAS	Genl	So			I
Wooley, Mary Margaret	Champaign	LAS	Genl	Fr			II
Wooley, Wesley Theodore, B.S., M.S., M.Ed.	Monticello	GRAD	Educ	U		S	I
Woolfolk, Robert Lord	Little Rock, Ark.	UGRAD		EM			II
Woollen, Hyllis Elizabeth	Findlay	LAS	Genl	Fr			II
Wooten, Thamous, A.B.	East St. Louis	GRAD	Educ	EM			I
Wooters, Alice Beverly	Champaign	LAS	OccTher	Fr			I II
Worcester, Richard Laugel	Newton	MED	Med	3	Sp	S	F W
Worden, Doris Elizabeth Wallin	Rockford	COM	UD	Jr			I II
Worden, Rollin Duane, M.D.	Ravenna, Ohio	MED	Otolaryn	PG			W
Workman, Madylon Grace	Gilman	LAS	Genl	Fr			I II
Workman, Mardelle Elaine	Gilman	LAS	Genl	So			I II
Worley, Mary Louise	Urbana	LAS	Plaw	So			I II
Worley, Will Junior, B.S.	Sidney	GRAD	TAM	U		S	I II
Worsham, Nancy Ellen	Monticello	LAS	DGS	Fr			I II
Worthington, John Wilbur	Lexington, Ky.	UGRAD		EM			II
Wrather, Frederick Henry	Urbana	ENG	AgEng	Fr			I
Wray, Matthew Joseph	Chicago	UGRAD		EM			II
Wray, Velma, A.B.	Tallula	GRAD	Educ	EM			I
Wren, Charles Wadison, Jr., B.S.	Chicago	MED	Med	4	Sp	S	F W
Wright, Charles	Elmhurst	UGRAD		EM			II
Wright, Curtis, Jr., B.S.	Champaign	LAW	Law	2		S	I II
Wright, Dudley Kingsbury	Los Angeles, Calif.	UGRAD		EM			II
Wright, Frank, Jr.	Bloomington	MED	Med	1	Sp	S	F
Wright, Harry Edward, A.B.	Brookport	MED	Med	3	Sp	S	F W
Wright, Jacqueline, A.B.	Omaha, Nebr.	GRAD	SocSci	U		S	
Wright, John L., B.S.	Bloomington	MED	Med	4	Sp	S	F W
Wright, Kenneth Newell	Alendale	AGR	Genl	Sr			I II
Wright, William Benton, Jr., M.D.	Albuquerque, N.Mex.	MED	Laryng	PG			F
Wrobel, Eugene Anthony	Chicago	PE	PE	Fr			II
Wrobel, Stanley Francis, B.S.	Chicago	DENT	Dent	4	Sp	S	F
Wroten, Helen Iams, B.S., M.S.	Oskaloosa, Kans.	GRAD	Engl	U			I II
Wrzesinski, John Thomas	Chicago	MED	Med	3	Sp	S	F W
Wuellner, Charles Andrew	Urbana	ENG	Genl	Fr			II
Wulf, Frederick Meins	Chicago	UGRAD		EM			II
Wunsch, Charles Alphonse, B.S.	Chicago	MED	Med	3	Sp	S	F W
Wurtsbaugh, John Arthur	Jacksonville	LAS	ChEng	Fr			I II
Wyckoff, Helen Elaine	Decatur	AGR	HEcon	Fr			I II
Wyckoff, Phyllis Nell	Effingham	LAS	Genl	Jr			I II
Wyeth, John Woodfall, B.Ed., A.M.	Charleston	GRAD	Educ	U		S	
Wykes, Arthur Albert	Medford, Mass.	LAS	Genl	Sr			I II
Wylam, William Austin	Oak Park	FAA	Art	So		S	I II
Wylie, Florence Jean	Minonk	COM	UD	Sr			I II
Wyman, Clarence	Cerro Gordo	UGRAD		EM			I II
Wynd, Harriet Ryniker, A.B., A.M.	Billings, Mont.	LAS	Genl	Irr			I II
Wynn, Janet Ann	Galesburg	LAS	Genl	Fr			I II
Wynn, Norbert Joseph	Chicago	UGRAD		EM			II
Yablon, Morris	Chicago	ENG	CE	Fr			II
Yaco, Wanda Mary	Chicago	LAS	Genl	So			I II
Yakley, Dorothy Carolyn	Downers Grove	AGR	HEcon	So			I II
Yakley, Lynette Audrey, A.B.	Downers Grove	LAS	Genl	Sr		S	
Yakooljevitch, Nikifor Yanin, B.S., M.S.	Gostnar, Yugoslavia	GRAD	CE	U			I II
Yalow, Abraham Aaron, A.B., M.S.	Champaign	GRAD	Physics	U		S	I II
Yalow, Rosalyn Sussman, A.B., M.S.	Champaign	GRAD	Physics	U		S	I II
Yalowitz, Seymour Hershel, B.S.	Chicago	DENT	Dent	4	Sp	S	F W
Yarnell, Joyce Eileen	Sullivan	PE	PE	Jr			I II
Yates, James Franklin, B.S.	Cobden	GRAD	Educ	EM			I
Yavitt, Ann Lenore	Chicago	FAA	Art	Fr			I II
Yeagan, John Robert	Dallas, Tex.	UGRAD		EM			II
Yellen, Beth	New York, N.Y.	LAS	Genl	Jr			I II
Yen, Chia-Shiang, B.S.	Tai-Shih, Kiangsu, China	GRAD	CE	U			II
Yenerich, Virginia Stott	Pontiac	LAS	Genl	Sr		S	I II
Yochim, Albert	Chicago	UGRAD		EM			II
Yodwolkis, Virginia Thresa	Chicago	PE	PE	Fr			I II
Yoffe, Geraldine	Chicago	LAS	PJnl	Fr			II
Yoffe, Morton Harold	Los Angeles, Calif.	UGRAD		EM			II

Yohannan, John	Chicago	COM	LD	Fr		II
Yokem, Mary Louise	Chicago	LAS	Genl	Jr		I II
Yonda, Russell Grakam	Chicago	COM	LD	So		I II
York, Barbara Jean	Chrisman	LAS	Genl	Sr	S	I II
York, Burdette	Lyons	UGRAD		EM		II
York, Fred	Chicago	UGRAD		EM		II
Yorks, William T.	Perry, N.Y.	UGRAD		EM		II
Youmans, Clark Everett, B.S., M.S.	Cerro Gordo	GRAD	Educ	U	S	
Youmans, Janice Evelyn	Chicago	AGR	HEcon	Fr	I	II
Youmans, Maryalice	Chicago	LAS	Genl	Jr		I II
Young, Claude Henry	Chicago	COM	LD	Fr		I
Young, Claudine Lura	Chicago	LAS	Genl	Fr		I II
Young, Cora Elizabeth	Canton	LAS	Genl	Sr		I II
Young, Everett Clair	Bondville	FAA	Art	So		I II
Young, Frederick Carl	Columbia	FAA	Mus	Fr		I II
Young, Geraldine	Chicago	LAS	Genl	Fr		I
Young, Harold Emerson, Jr.	Knoxville	ENG	Genl	Fr		I II
Young, Helen Aldrich	Springfield	UGRAD		EM		I
Young, Ida Louise	Cairo	LAS	Genl	So		I II
Young, Jennie Louise, B.Ed.	Woodlawn	GRAD	Geog	EM		I II
Young, John Davis, B.S.	Durham, N.C.	GRAD	Chem	U	I	II
Young, John Paul, Jr., A.B., B.S., M.D.	Clarksburg, W.Va.	GRAD	Surg	C		W
Young, Lymme Masco	Chicago	PE	PE	So	S	I II
Young, Margaret Berkley	Newman	LAS	DGS	Fr		I II
Young, Mildred Lucille	Gillespie	JNL	Jnl	Jr		I II
Young, Nathaniel Francis	Fairfax, Va.	UGRAD		EM		I II
Young, Shirley Doris	Chicago	LAS	PJnl	Fr		II
Youngblood, Patricia Jane	Aurora	JNL	EJnl	Fr		I II
Youngjohns, Hazel Ruth	La Grange	EDUC	Genl	Jr		I
Youngjohns, Jane Evelyn	La Grange	EDUC	Genl	Fr		I
Youngquist, Leona Mae	Rockford	LAS	Genl	Jr		I II
Youngren, Elizabeth Upham	Glencoe	FAA	Art	Fr		I II
Younger, Bruce Henry	Dolton	DSSWV		So		II
Yousim, Maxine Nancy	Chicago	LAS	Genl	Fr		I II
Yow, Raymond Murray	West Point, Va.	MED	Med	1		W
Yowell, Roberta Ann	Virginia	UGRAD		EM		I
Yu, Wen-Te, B.S.	Kweisian, Kwangsi, China	ENG	Cer	Irr		I II
Yuce, Hsnu, B.S., B.S.	Istanbul, Turkey	GRAD	CE	U	S	I II
Yund, Earl Arnold, B.Ed.	Farina	GRAD	Educ	U		I II
Yund, James Oscar	St. Peter	ENG	ME	Fr		II
Yungck, Robert Joseph	Alton	FAA	ArchEng	Fr		II
Yuskis, John Peter	Spring Valley	MED	Med	3	Sp	S F W
Zabin, Lucille, B.S.	Chicago	LAS	Genl	Sr		S
Zablock, Alice Veronica	Chicago	PHARM	Pharm	1	Sp	S F W
Zack, Russell William	Sheffield	MED	Med	3	Sp	S F W
Zack, Shirley	Detroit, Mich.	LAS	Genl	So		I II
Zacovitch, Phyllis Sylvia	Chicago	LAS	Genl	Fr		I II
Zadenetz, Raymond Aloysius	Chicago	COM	LD	Fr		I II
Zager, Edward Hauser	Terre Haute, Ind.	MED	Med	1		W
Zahorsky, Metta Moudy, B.S.	Urbana	GRAD	HEcon	U	S	I II
Zaiser, Earl Edward	Chicago	DSSWV		Fr		II
Zak, Herbert Bernard, B.S.	Chicago	DENT	Dent	4	Sp	S F W
Zak, Richard Anthony, A.B.	Alhambra, Calif.	MED	Med	4	Sp	S F
Zakar, Lorraine Veronica	Chicago	LAS	Genl	Fr		I II
Zalar, Richard Wayne, B.S.	Joliet	MED	Med	4	Sp	S F W
Zaleski, Pauline Marian	East Chicago, Ind.	LAS	PMed	Fr		I
Zalesznak, Bernard David	Chicago	MED	Med	2	Sp	S F W
Zambrano, Marcelo Hellion	Monterrey, Nuevo Leon, Mexico	FAA	Arch	Sr		I II
Zampogna, Michael Angelo	Collinsville	LAS	PMed	So		I II
Zannini, John Joseph, B.S.	Waukegan	MED	Med	4	Sp	S F
Zanothi, George John	Chicago	ENG	AeroE	Fr		I II
Zarbin, Robert Sigmen	Chicago	LAS	Genl	Fr		I
Zaretsky, Aaron	Chicago	LAS	PMed	Fr		I
Zarnecki, Elaine Monica	Chicago	LAS	Genl	Jr		I II
Zarub, Kathryn	Rock Island	FAA	Arch	Fr		I II
Zaruba, John	Chicago	PHARM	Pharm	1	S	
Zebrun, Olga	Benld	COM	UD	Jr		I II
Zechman, Suzanne Marlene	Chicago	LAS	DGS	So		I II
Zeger, Joseph	Port Jervis, N.Y.	DENT	Dent	4	Sp	S F
Zehr, Edmund John, B.S.	Mackinaw	GRAD	Educ	EM	S	II
Zeidenstein, Samuel A.	Chicago	DENT	Dent	2	Sp	S F W
Zeidman, Blossom Shirley, B.S.	Chicago	LAS	Genl	Irr		I II
Zeidman, Illyne Ruth	Chicago	LAS	Genl	Fr		I II
Zeisler, Frederic Louis	Kankakee	ENG	EE	Fr		II
Zelikoff, Charlotte Mezansky	Brooklyn, N.Y.	AGR	HEcon	Fr		I II
Zelikoff, Murray, A.B.	Newburgh, N.Y.	GRAD	Chem	U		I II
Zelken, Allen	Chicago	LAS	Genl	So	S	I II
Zeller, Edward Jacob	Peoria	LAS	Genl	So		I II
Zeller, Paul C.	Skokie	AGR	Genl	So		I II
Zellmer, Florence Lucile	Havana	LAS	Genl	Fr	S	I
Zeman, Theodore C., Ph.C., B.S., M.D.	Chicago	MED	Ophthal	PG		W
Zeman, Zena	Chicago	LAS	Genl	Fr		II
Zentner, Adele Harriet	Chicago	LAS	Genl	Jr	S	I II

Zermer, Clarence Everett	Libertyville	COM	LD	So	I	II
Zialcita, Lorenzo Pedro, Jr., B.S., M.S., Ph.D.	Manila, P.I.	GRAD	AnHusb	U	S	
Zibel, Milton, B.S., B.S.	Champaign	MED	Med	4	Sp	S F
Zickert, Clayton Edward	Beloit, Wis.	ENG	ME	Fr		I II
Ziegelmiller, Wayne Emerson	St. Charles	ENG	AeroE	Sr		S I II
Ziegler, John Benjamin, Jr., B.S., M.S.	Urbana	GRAD	Chem	U		S I II
Zieman, Richard Charles	Lake Forest	COM	LD	Fr		I II
Ziemek, Walter Joseph	Chicago	UGRAD		EM		I II
Ziesmer, Bernard Ulrich	Menomonee Falls, Wis.	FAA	ArchEng	Sr		I II
Zilly, Robert George, B.S.	Pekin	GRAD	Educ	EM		I II
Zilm, Wilda Carol	Varna	FAA	Art	So		I II
Zimmer, Albert Eugene	Christopher	ENG	Genl	Fr		S I
Zimmerman, Albert George	Chicago	PE	PE	Fr		I II
Zimmerman, Bonnie Lou	Chicago	LAS	Genl	Fr		I II
Zimmerman, Douglas Allen	Mt. Sterling	MED	Med	3	Sp	S F W
Zimmerman, Jack	Valparaiso, Ind.	GRAD	Orthod	C		F W
Zimmerman, Jacob F., Ph.B., A.M.	Harvey	GRAD	Educ	EM		I
Zimmerman, Lawrence Kenneth	Chicago	PE	PE	Fr		II
Zimmerman, Norma Gene	Pittsfield	LAS	Genl	So		I II
Zimmerman, Robert Benner, A.B., A.M.	Springfield	GRAD	Educ	EM		I II
Zimmerman, Robert Earl	Pittsfield	COM	LD	Fr		I
Zimmerman, Seymour	Chicago	LAS	Genl	Fr		S I
Zimmerman, Wanda Lee	Pittsfield	LAS	Genl	Jr		I II
Zimmerman, Ward Richard	Minneapolis, Minn.	UGRAD		EM		II
Zimmermann, Marguerita Louise, B.S.	Springfield	LIB	LibSci	1		S
Zimny, Marilyn Lucile	Chicago	LAS	PMed	Fr		I II
Zink, Edward Albert	Chicago	LAS	Genl	So		I
Zinner, Geraldine Jane	Chicago	LAS	Genl	Fr		II
Zirkle, Edward	Baltimore, Md.	UGRAD		EM		II
Znaniacki, Helena Beatrice	Champaign	LAS	Genl	Jr		I II
Zoeller, Leota Fern	Gillespie	COM	UD	Jr		S I II
Zogg, Patricia Anne	Paris	LAS	PJnl	So		I II
Zokaites, Frank John	Kenosha, Wis.	FAA	Arch	Fr		I II
Zollne, Sorel Lee	Oak Park	LAS	Genl	Jr		I
Zollo, Gwendolyn Lucille	Chicago	LAS	Genl	Fr		I
Zolno, Robert	Chicago	ENG	Genl	Fr		I
Zombro, Julia Ann, A.B.	Champaign	LAS	Genl	Sr		S
Zornig, Lois Elaine	Homewood	FAA	Mus	Jr		I II
Zralek, Marie Therese	Chicago	JNL	EJnl	Fr		I II
Zucker, Edward, A.B., B.S.	Chicago	DENT	Dent	4	Sp	S F
Zucker, Leslie Blair	Chicago	COM	LD	Fr		II
Zuker, Howard Stanley	Chicago	LAS	Chem	Fr		II
Zukosky, Joe	West Frankfort	COM	LD	So		I II
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Zumwalt, Martha Allen, B.S.	Delavan	GRAD	HEcon	U		II
Zupsich, Mike Allison, Jr., A.B.	Mt. Olive	GRAD	Math	U		S
Zur, John Edward, B.S.	Chicago	DENT	Dent	2	Sp	S F W
Zweibach, Milton Jay, B.S.	Rego Park, N.Y.	DENT	Dent	4	Sp	S F
Zweig, Joseph Martin, A.B.	Chicago	DENT	Dent	4	Sp	
Zweig, Richard Lee	Chicago	LAS	PMed	Fr		II
Zwemer, Jack	Berrien Springs, Mich.	DENT	Dent	3	Sp	S F W
Zwemer, Theodore Winter	Chittoor, South India	MED	Med	2	Sp	S F W
Zwick, Clara	Chicago	LAS	Genl	Jr		II
Zwick, Elaine Marie	West Frankfort	PE	PE	Sr		S I II
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