

UNIVERSITY OF ILLINOIS
ANNUAL REGISTER

1943 - 1944





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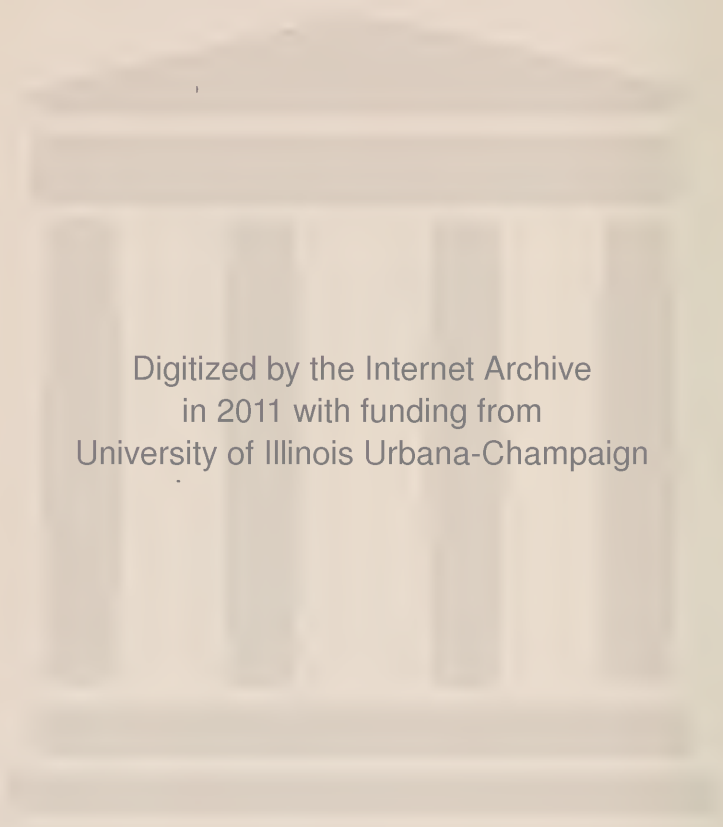
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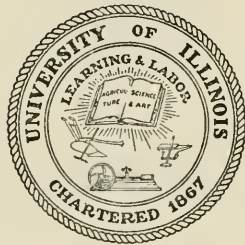


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UNIVERSITY OF ILLINOIS
ANNUAL REGISTER

1943-1944

SEVENTY-SIXTH YEAR
OF THE UNIVERSITY



PUBLISHED BY THE UNIVERSITY
URBANA, ILLINOIS
APRIL, 1944

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UNIVERSITY CALENDAR

DEPARTMENTS AT URBANA*

1943—Summer Term

June 7, Mon.—June 10, Thurs.....	Entrance examinations.
June 11, Fri.—June 15, Tues.....	Freshman week program.
June 14, Mon.....	Registration of graduates and undergraduates.
June 15, Tues.....	Instruction begins.
July 4, Sun.....	Independence Day (no classes July 5).
Aug. 6, Fri.—Aug. 7, Sat.....	Examinations in eight-week courses.
Sept. 24, Fri.—Oct. 2, Sat.....	Examinations in sixteen-week courses.

1943—First Semester

Sept. 28, Tues.—Oct. 1, Fri.....	Entrance examinations.
Oct. 7, Thurs.—Oct. 12, Tues.....	Freshman week program.
Oct. 8, Fri.—Oct. 9, Sat.....	Registration of graduate students.
Oct. 9, Sat.....	Registration of freshmen.
Oct. 11, Mon.—Oct. 12, Tues.....	Registration of upperclassmen.
Oct. 13, Wed.....	Instruction begins.
Nov. 25, Thurs.....	Thanksgiving Day.
Dec. 3, Fri.....	Illinois Day (State admitted to the Union, 1818).
Dec. 22, Wed., 8 a.m.....	Holiday recess begins.
Dec. 29, Wed., 8 a.m.....	Holiday recess ends.
Jan. 28, Fri.—Feb. 5, Sat.....	Semester examinations.

1944—Second Semester

Feb. 1, Tues.—Feb. 4, Fri.....	Entrance examinations.
Feb. 11, Fri.—Feb. 12, Sat.....	Registration of graduate students.
Feb. 14, Mon.—Feb. 15, Tues.....	Registration of undergraduates.
Feb. 16, Wed.....	Instruction begins.
Mar. 2, Thurs.....	University Day (University opened, 1868).
May 5, Fri.....	Honors Day.
May 25, Thurs.—June 3, Sat.....	Semester examinations.
May 30, Tues.....	Memorial Day.
June 4, Sun.....	Baccalaureate and Commencement Exercises.

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.
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.
Dec. 28, Thurs., 8 a.m.....	Holiday recess ends.
Jan. 26, Fri.—Feb. 3, Sat.....	Semester examinations.
Feb. 4, Sun.....	Baccalaureate and Commencement Exercises.

*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.

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.
- 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.
- June 12, Tues. Instruction begins.

DEPARTMENTS IN CHICAGO*

(Colleges of Dentistry, Medicine, and Pharmacy)

1943—Summer Quarter

- June 28, Mon. Registration of undergraduates.
- June 29, Tues. Instruction begins.
- July 1, Thurs. Registration of graduate students.
- July 4, Sun. Independence Day (no classes July 5).
- Sept. 18, Sat. Summer quarter ends.

1943—Fall Quarter

- Sept. 27, Mon. Registration of undergraduates.
- Sept. 28, Tues. Instruction begins.
- Sept. 30, Thurs. Registration of graduate students.
- Nov. 25, Thurs. Thanksgiving Day.
- Dec. 3, Fri. Illinois Day (State admitted to the Union, 1818).
- Dec. 17, Fri. Commencement Exercises (Medicine).
- Dec. 18, Sat. Fall quarter ends.

1944—Winter Quarter

- Jan. 3, Mon. Registration of undergraduates.
- Jan. 4, Tues. Instruction begins.
- Jan. 6, Thurs. Registration of graduate students.
- Mar. 2, Thurs. University Day (University opened, 1868).
- Mar. 24, Fri. Commencement Exercises (Dentistry and Pharmacy).
- Mar. 25, Sat. Winter quarter ends.

1944—Spring Quarter

- Apr. 3, Mon. Registration of undergraduates.
- Apr. 4, Tues. Instruction begins.
- Apr. 6, Thurs. Registration of graduate students.
- May 30, Tues. Memorial Day.
- June 24, Sat. Spring 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—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.

1944—Fall Quarter

Sept. 25, Mon.....	Registration of undergraduates.
Sept. 26, Tues.....	Instruction begins.
Sept. 28, Thurs.....	Registration of graduate students.
Nov. 30, Thurs.....	Thanksgiving Day.
Dec. 15, Fri.....	Commencement Exercises.
Dec. 16, Sat.....	Fall quarter ends.

1945—Winter Quarter

Jan. 2, Tues.....	Registration of undergraduates.
Jan. 3, Wed.....	Instruction begins.
Jan. 4, Thurs.....	Registration of graduate students.
Mar. 2, Fri.....	University Day (University opened, 1868).
Mar. 24, Sat.....	Winter quarter ends.

1945—Spring Quarter

Mar. 26, Mon.....	Registration of undergraduates.
Mar. 27, Tues.....	Instruction begins.
Mar. 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.

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¹Throughout this *Annual Register* names of staff members who are now (April, 1944) on leave of absence for war service are indicated by a footnote, without specifying the date of leave.

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 Research Professor in the Bureau of Economic and Business Research
 HAROLD NEWCOMB HILLEBRAND, Ph.D., Professor of English and Head of the De-
 partment
 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
 FRANK ERWIN RICHART, M.S., C.E., Research Professor of Engineering Materials
 WILLIAM H. SEVERNS, M.S., Professor of Mechanical Engineering
 JOHN VAN HORNE, Ph.D., Professor of Spanish and Italian and Head of the De-
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 CHARLES F. SCHLATTER, M.S., C.P.A., Professor of Accountancy
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 Department
 JAMES JOSEPH DOLAND, M.S., C.E., Professor of Civil Engineering
 ABNER RICHARD KNIGHT, M.E., M.S., E.E., Professor of Electrical Engineering
 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*

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 COLEMAN ROBERTS GRIFFITH, Ph.D., Professor of Education and Director of the Bureau of Institutional Research
 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
 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
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 HARRIS FRANCIS FLETCHER, Ph.D., Professor of English
 HERBERT MCNEE HAMLIN, Ph.D., Professor of Agricultural Education
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 MRS. ALTA GWINN SAUNDERS, A.M., Professor of Business English
 HENNING LARSEN, Ph.D., Professor of English
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 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
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 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
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 School of Journalism
 FLORIAN WITOLD ZNANIECKI, Ph.D., Professor of Sociology
 MAX BLACK, Ph.D., Professor of Philosophy
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 OTHO CLARKE LEITER, A.B., Professor of Journalism
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 CHARLES WILSON SANFORD, Ph.D., Associate Professor of Education and Coordinator of Teacher Education⁴
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 RAYMOND PHINEAS STEARNS, Ph.D., Associate Professor of History⁴
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Associate Professors

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 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
 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
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 THOMAS EDWARD O'DONNELL, M.S., M.Arch., Associate Professor of Architecture
 ROBERT FREDERICK PATON, Ph.D., Associate Professor of Physics
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 ERNEST ALEXANDER REID, M.S., E.E., Associate Professor of Electrical Engineering
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 DOROTHY ELIZABETH BOWEN, B.Mus., Assistant Professor of Music³
 WALTER HERBERT BRUCKNER, A.B., Ch.E., Research Assistant Professor of Metallurgical 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 Mechanics¹
 JOSEPH BARR CORNS, Ph.D., Assistant Professor of Vegetable Crops Extension¹
 CHALMERS WOODRUFF CRAWFORD, B.S., Assistant Professor of Horse Husbandry
 HAROLD MORTIMER EDWARDS, LL.B., Assistant Professor of Business Organization and Operation, and Purchasing Agent
 EDNA RUTH GRAY, A.B., B.S., Assistant Professor of Clothing Extension
 CHARLES BANNER HAGAN, Ph.D., Assistant Professor of Political Science⁴
 BENJAMIN VINCENT HALL, Ph.D., Assistant Professor of Zoology
 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 Psychology¹
 LELAND JOHN HAWORTH, Ph.D., Assistant Professor of Physics¹
 MARK HUBERT HINDSLEY, A.M., Assistant Professor of Music and Assistant Director of Military Bands¹
 EARL MULFORD HUGHES, Ph.D., Assistant Professor of Agricultural Economics Extension³
 MILFORD KEITH HUMBLE, Ph.D., Assistant Professor of Industrial Education¹
 MIMI IDA JEHLE, Ph.D., Assistant Professor of German
 LEOPOLD NEWBURGER JUDAH, M.D., Assistant Professor of Hygiene and Medical Adviser for Men¹
 FLORENCE MARY KING, M.S., Assistant Professor of Home Economics
 LIESETTE JANE MCHARRY, A.M., Assistant Professor of Education and Head of the Department of English in University High School
 EMMETT B. McNATT, Ph.D., Assistant Professor of Economics¹

¹On leave of absence for war service.²Transferred to Emergency Farm Labor, February 1, 1944.³Resigned. ⁴On leave of absence for the year.

- RALPH REX PARKS, A.M., Assistant Professor of Agricultural Engineering Extension¹
 HERBERT PENZL, Ph.D., Assistant Professor of German¹
 EDWIN IVAN PILCHARD, B.S., Assistant Professor of Agricultural Extension
 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
 HAROLD WILLIAM SCOTT, Ph.D., Assistant Professor of Geology
 ANNA WINIFRED SEARL, A.M., Assistant Professor of Home Economics Extension
 JOHN WESLEY SWANSON, A.M., Assistant Professor of Speech and Supervisor of
 Dramatic Productions
 HALBERT HOUSTON THORNBERRY, Ph.D., Captain, Adjutant General's Department, As-
 sistant Professor of Military Science and Tactics² (Assistant Professor of Plant
 Pathology¹)
 STEWART LAWRENCE TUCKEY, Ph.D., Assistant Professor of Dairy Manufactures¹
 CAROLINE FRANCES TUPPER, Ph.D., Assistant Professor of English
 GLADYS JOSEPHINE WARD, A.M., Assistant Professor of Home Management Extension
 OREN LESLIE WHALIN, Ph.D., Assistant Professor of Agricultural Extension
 JOHN B. WINGERT, M.S., Assistant Professor of Floriculture¹
 LOYD VINCENT SHERWOOD, Ph.D., Assistant Professor of Crop Production¹
 DUANE ADAMS BRANIGAN, M.Mus., Assistant Professor of Music and Counselor in the
 Personnel Bureau
 STANLEY FLETCHER, B.Mus., Assistant Professor of Music
 BRUCE RUTLEDGE FOOTE, B.Mus., Assistant Professor of Music
 JAMES DENTON HOGAN, A.B., Assistant Professor of Art¹
 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
 LESLIE WILLARD McCLURE, M.S., Assistant Professor of Journalism
 BRICE HARRIS, Ph.D., Assistant Professor of English
 JAMES HOWARD LAMBERT, Ph.D., Assistant Professor of Industrial Education
 GLENN MYERS BLAIR, Ph.D., Assistant Professor of Education
 LOYD EDWIN BOLEY, D.V.M., Assistant Professor of Animal Pathology and Hygiene¹
 HERBERT WALKER CRAIG, M.S., Assistant Professor of Physical Education for Men¹
 GEORGE HARPER DELL, Ph.D., C.E., Assistant Professor of Civil Engineering
 WARREN FORD DOOLITTLE, JR., B.F.A., Assistant Professor of Art
 ARTHUR C. FORSYTH, Ph.D., Assistant Professor of Metallurgical Engineering
 ROBERT FRANCIS FUELLEMAN, Ph.D., Assistant Professor of Crop Production
 HAROLD WINFORD HANNAH, B.S., LL.B., Assistant Professor of Agricultural Economics¹
 RALPH CARROLL HAY, B.S., Assistant Professor of Agricultural Engineering Extension
 HAROLD NATHANIEL HAYWARD, M.S., E.E., Assistant Professor of Electrical Engi-
 neering
 ELMER FRANKLIN HEATER, B.S., Research Assistant Professor in the Engineering
 Experiment Station
 MELVIN HENDERSON, M.S., Assistant Professor of Vocational Agriculture
 ALFRED DWIGHT HUSTON, A.M., LL.B., Assistant Professor of Speech, Assistant to the
 Director of University Extension, and Supervisor of Speech Aids Service¹
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 GRANVILLE SPEAR KEITH, M.S., Assistant Professor of Architecture
 JOHN HENRY MANLEY, Ph.D., Assistant Professor of Physics¹
 WALTER GINDER McALLISTER, Ph.D., Assistant Professor of Psychology
 CHARLES CLEON MORRILL, D.V.M., M.S., Assistant Professor of Animal Pathology and
 Hygiene
 GLENN ROBERT NEGLEY, Ph.D., Assistant Professor of Philosophy¹
 SEVERINA ELAINE NELSON, Ph.D., Assistant Professor of Speech
 ROSE BERNICE PHELPS, Ph.D., Assistant Professor of Library Science
 CATHERINE GRACE RUGGLES, Ph.D., Assistant Professor of Economics¹
 HARRY GOULD RUSSELL, M.S., Assistant Professor of Animal Husbandry Extension
 HAROLD A. SCHULTZ, A.M., Assistant Professor of Art Education¹

¹On leave of absence for war service.²Transferred.

- JOHN ELMO SWEET, M.S., Assistant Professor of Architecture¹
 OSWALD TIPPO, Ph.D., Assistant Professor of Botany¹
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 KENNETH JAMES TRIGGER, M.S., M.E., Assistant Professor of Mechanical Engineering
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 ERNEST DEWITT WALKER, B.S., Assistant Professor of Agronomy Extension
 LEONARD DILWORTH WALKER, M.S., C.E., Assistant Professor of General Engineering
 Drawing
 FREDERICK LUDWIG WILL, Ph.D., Assistant Professor of Philosophy
 MANSON BRUCE LINN, Ph.D., Assistant Professor of Vegetable Crops Extension
 CHARLES EDWARD NOWELL, Ph.D., Assistant Professor of History¹
 CAMERON GERALD HARMAN, Ph.D., Assistant Professor of Ceramic Engineering
 FRED MITCHELL JONES, Ph.D., Assistant Professor of Business Organization and
 Operation
 MERTEN JOSEPH MANDEVILLE, Ph.D., Assistant Professor of Business Organization and
 Operation¹
 WILLIAM ANDREW MCGILVRAY, Petrol. Engr., Captain, Engineers, Assistant Professor
 of Military Science and Tactics²
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 ROBERT PHILLIP SHARP, Ph.D., Assistant Professor of Geology¹
 GWLADYS SPENCER, Ph.D., Assistant Professor of Library Science
 ADDISON WILLIAM McLINTOCK, Captain, Field Artillery, Assistant Professor of Military
 Science and Tactics, and Personnel Adjutant
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 WILLIAM O. STANLEY, A.M., Visiting Assistant Professor of Education
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 and Tactics
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 WILLIAM MONDENG LANGDON, Ph.D., Assistant Professor of Chemical Engineering
 CURTIS WALTER DOLLINS, M.S., Special Research Assistant Professor of Engineering
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 ROBERT MARION CARN, B.S., Captain, Engineers, Assistant Professor of Military
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 JOHN HERROLD LANCASTER, Ph.D., Assistant Professor of Library Science
 RALPH WENDELL McTAGGART, B.S., Captain, Engineers, Assistant Professor of Military
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 CLIFFORD MARTIN ANDREWS, B.S., Special Research Assistant Professor of Ceramic
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 LESTER JULES DEFORD, B.S., Captain, Corps of Military Police, Assistant Professor of
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 FREDRICK ADOLPH PETERSEN, M.S., Special Research Assistant Professor of Ceramic
 Engineering
 RICHARD HENRY BOLT, Ph.D., Assistant Professor of Physics¹
 JACOB GERALD CASH, M.S., Assistant Professor of Dairy Husbandry Extension
 JOSEPHINE HUGHES CHANLER, Ph.D., Assistant Professor of Mathematics
 JAMES GORDON CLARK, M.S., Assistant Professor of Civil Engineering
 GILBERT HOWARD FETT, Ph.D., Assistant Professor of Electrical Engineering
 WILLIAM NICHOLS FINDLEY, M.S., Assistant Professor of Theoretical and Applied
 Mechanics
 CHARLES EVERETTE FLYNN, A.M., Assistant Professor of Journalism and Assistant to
 the Director of the School of Journalism
 MILES C. HARTLEY, Ph.D., B.Mus., Assistant Professor of Education and Head of the
 Department of Mathematics in University High School

¹On leave of absence for war service.²Transferred.

- JAMES EDWARD HULETT, JR., Ph.D., Assistant Professor of Sociology
 LESTER INGLE, Ph.D., Assistant Professor of Zoology and Counselor in the Personnel Bureau
- BRUCE CONNOR JOHNSON, Ph.D., Assistant Professor of Animal Nutrition
 DONALD MCEWEN JOHNSON, Ph.D., Assistant Professor of Psychology
 WALTER GILBERT JOHNSON, Ph.D., Assistant Professor of English and Counselor in the Personnel Bureau
- HENRY ROMANOS KAHANE, Ph.D., Assistant Professor of Spanish and Italian
 JAKE LUTHER KRIDER, Ph.D., Assistant Professor of Swine Husbandry
 OSKAR ALFRED KUBITZ, Ph.D., Assistant Professor of Philosophy, Acting Assistant to the Director of University Extension, and Acting Supervisor of Speech Aids Service
- HERBERT AUGUST LAITINEN, Ph.D., Assistant Professor of Chemistry
 GLENN CLINE LAW, M.S., Assistant Professor of Physical Education for Men
 CLAY LEWIS, D.Sc., Assistant Professor of Chemical Engineering
 HENRY JARVIS MILES, Ph.D., Assistant Professor of Mathematics
 GEORGE THERALD MOELLER, Ph.D., Assistant Professor of Chemistry
 WILLIAM EGBERT MORRELL, Ph.D., Assistant Professor of Chemistry
 ANDREW VLADIMIR NALBANDOV, Ph.D., Assistant Professor of Animal Physiology
 EARL HUBERT REGNIER, M.S., Assistant Professor of Rural Sociology Extension¹
 CLARENCE EDWIN SAWHILL, M.Mus., Assistant Professor of Music and Acting Assistant Director of Military Bands
- JAMES HARLAN SHORES, Ph.D., Assistant Professor of Education²
 LESLIE FERRIS STICE, B.S., Assistant Professor of Agricultural Economics Extension
 ALFRED UHNO THOR, M.S., Assistant Professor of Agronomy Extension
 EDITH M. USRY, A.M., B.Mus., Assistant Professor of Music
 EARL REEVES WASSERMAN, Ph.D., Assistant Professor of English
 BRAYTON LADD WEAVER, M.S., Assistant Professor of Vegetable Crops
 RUTH ELIZABETH WOODS, M.S., Captain, Woman's Army Corps, Assistant Professor of Military Science and Tactics
- RICHARD S. BROOKS, A.B., LL.B., Captain, Coast Artillery, Assistant Professor of Military Science and Tactics
 HILDING BROR CARLSON, Ph.D., Assistant Professor of Psychology and Counselor in the Personnel Bureau
 NORMAN RICHARD CARSON, B.S., Captain, Signal Corps, Assistant Professor of Military Science and Tactics³
 BOYD GEORGE CARTER, Ph.D., Assistant Professor of French⁴
 EDWIN WILLIAM DIETTERLE, B.S., Captain, Coast Artillery, Assistant Professor of Military Science and Tactics³
 JOHN HENRY GARLAND, Ph.D., Assistant Professor of Geography
 HAL BASKIN HATCHER, B.S., Captain, Coast Artillery, Assistant Professor of Military Science and Tactics.
 WESLEY BLANTON LOFLIN, B.S., Captain, Coast Artillery, Assistant Professor of Military Science and Tactics³
 EUGENE PURCELL, B.S., Captain, Infantry, Assistant Professor of Military Science and Tactics³
 FRANK C. ALLEN, JR., B.B.A., Captain, Cavalry, Assistant Professor of Military Science and Tactics³
 ARTHUR H. DOOLEN, B.S., Captain, Infantry, Assistant Professor of Military Science and Tactics
 QUINTON W. FOUTCH, B.S., Captain, Corps of Engineers, Assistant Professor of Military Science and Tactics³
 THEODORE NELSON MANGNER, B.S., Assistant Professor of Radio Extension
 ELMER NEWTON SEARLS, M.S., Assistant Professor of Agricultural Economics Extension
 AUGUSTO BORSELLI, J.D., Visiting Assistant Professor of Italian⁵
 EUGENE J. ST. MARIE, B.S., Captain, Field Artillery, Assistant Professor of Military Science and Tactics

¹Transferred to Emergency Farm Labor, February 1, 1944.²On leave of absence for war service.³Transferred.⁴First semester.⁵Second semester.

Associates

HARRY LOVERING GILL, Associate in Physical Education for Men, *Emeritus*
 BURRILL RUPERT HALL, Associate in Mechanical Engineering, *Emeritus*
 EDGAR THOMAS LANHAM, Associate in Mechanical Engineering, *Emeritus*
 ROSALIE MARY PARR, Ph.D., Associate in Chemistry, *Emerita*
 EDWIN JOHN MANLEY, Associate in Physical Education for Men
 ANNA BELLE ROBINSON, A.M., Associate in Home Economics Education
 RALPH STUART CROSSMAN, C.E., M.S., Associate in General Engineering Drawing
 LEONARD LEO STEIMLEY, Ph.D., Associate in Mathematics
 HERBERT HILL BRAUCHER, B.S., Associate in Industrial Education, *Emeritus*
 DAVID HENRY HOOVER, A.M., M.S., Th.D., Associate in Economics, *Emeritus*
 GEORGE R. BLACKSTONE, M.D., Associate in Hygiene and Assistant Health Officer
 ECHO D. PEPPER, Ph.D., Associate in Mathematics
 A. MARIE ANDERSON, A.M., Associate in Art¹
 BEULAH MAY ARMSTRONG, Ph.D., Associate in Mathematics
 GARRETA HELEN BUSEY, Ph.D., Associate in English
 VICTOR AUGUST HOERSCH, Ph.D., Associate in Mathematics
 WILFRID WILSON, B.S., Dr.math. et phys., Associate in Mathematics
 LORA DEAN LEWIS, B.S., M.D., Associate in Hygiene and Medical Adviser for Men
 CHARLES JOSEPH STARR, B.S., Associate in Mechanical Engineering
 WALTER HENRY ROETTGER, B.S., Associate in Physical Education for Men
 ALVIN FREDERICK KUHLMAN, M.S., Associate in Dairy Husbandry²
 MARY LUCILLE SHAY, Ph.D., Associate in History
 HENRY PRITCHARD EVANS, JR., M.S., Associate in Civil Engineering²
 REX LENOI BROWN, M.S., Associate in Theoretical and Applied Mechanics
 LEO THOMAS JOHNSON, A.B., Associate in Physical Education for Men
 JAMES THORBURN LENDRUM, B.S., Associate in General Engineering Drawing
 MAY IRENE MILLBROOK, M.D., Associate in Hygiene and Medical Adviser for Women
 DOUGLAS GILLISON NICHOLSON, Ph.D., Associate in Chemistry²
 EDWARD W. SUPPGER, Ph.D., Associate in Theoretical and Applied Mechanics²
 GLENN PERCIVAL HASKELL, Ph.D., Associate in English³
 CLIFFORD WILLIAM MENDEL, Ph.D., Associate in Mathematics
 OREN EDGAR BOLIN, M.S., Associate in Plant Genetics
 MRS. LEAH FULLENWIDER TRELEASE, A.M., Associate in English and Counselor in the
 Personnel Bureau
 ERNEST MCINTOSH LYMAN, Ph.D., Associate in Physics²
 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 Architecture²
 CARLETON ABRAMSON CHAPMAN, Ph.D., Associate in Geology²
 LANSON FREDERICK DEMMING, M.Mus., Associate in Music and Director of Music for
 the Radio Station
 JOHN RICHARD FREY, Ph.D., Associate in German
 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 Engineering²
 MANNING DAVID SEIL, M.S., Associate in Journalism²
 WILLIAM H. YOUNG, Associate in Agricultural College Extension
 ROBERT PETER LARSEN, Ph.D., Associate in Psychology and Clinical Counselor in the
 Personnel Bureau
 RICHARD JAMES DUFFIN, Ph.D., Associate in Mathematics²
 RALPH HARTZLER FOX, Ph.D., Associate in Mathematics
 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 Psychology²
 HERBERT JUDSON RUCKER, M.S., Associate in Vocational Agriculture

¹On leave of absence for the year.²On leave of absence for war service.³On leave of absence first semester.

- MILO DON APPLEMAN, Ph.D., Associate in Soil Biology
 ROBERT GEHLMANN BONE, Ph.D., Associate in History¹
 EDWARD LOUIS BROGHAMER, M.S., M.E., Associate in Mechanical Engineering¹
 HERMAN BURLEIGH CHASE, Ph.D., Associate in Zoology
 CHARLES WILSON COLMAN, Ph.D., Associate in French
 JOHN TODD COWLES, Ph.D., Associate in Psychology¹
 CHARLES ACHILLE DIETEMANN, B.F.A., Associate in Art
 MARVIN ROBERT DOBBERMAN, M.S., Associate in Architecture
 WALTER PHILLIPP ELHARDT, Ph.D., Associate in Physiology
 GUSTAV ERNST GIESECKE, Ph.D., Associate in German¹
 MARIO JOSEPH GOGLIA, M.E., M.S., Associate in Mechanical Engineering
 GEORGE NEVILLE JONES, Ph.D., Associate in Botany
 PAUL GUY JONES, M.S., Associate in Theoretical and Applied Mechanics
 GILBERT CLARENCE KETTELKAMP, Ph.D., Associate in Education and Head of the Department of Foreign Languages in University High School
 DONALD HEATHFIELD KRANS, M.S., Associate in Mechanical Engineering¹
 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 History¹
 EDWIN CARTER RAE, A.M., Associate in Art¹
 TRUE WILLIAM ROBINSON, Ph.D., Associate in Zoology¹
 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 Physics¹
 JAMES OHREA SMITH, A.M., Associate in Theoretical and Applied Mechanics¹
 KATHRYN JANIE SUTHERLIN, A.B., Associate in Music²
 AUBREY BRYANT TAYLOR, Ph.D., Associate in Physiology
 CARL SWENSSON VESTLING, Ph.D., Associate in Chemistry
 MRS. NETTIE CRADDOCK ESSELBAUGH, Ph.D., Associate in Home Economics
 JAMES HAROLD ELSDON, Ph.D., Associate in Spanish¹
 CLEO FITZSIMMONS, M.S., Associate in Home Economics
 REVILO PENDLETON OLIVER, Ph.D., Associate in the Classics and in Spanish¹
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 LYLE WINSTON PHILLIPS, Ph.D., Associate in Physics³
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 EVERETT LINUS WELKER, Ph.D., Associate in Mathematics
 FRANCES MCGEHEE, Ph.D., Associate in Psychology
 JOHN HENRY RAPPARLIE, Ph.D., Associate in Psychology and Counselor in the Personnel Bureau³
 FRANCIS SEYFARTH, M.S., Associate in Mechanical Engineering¹
 HALDANE WESLEY BEAN, M.S., Associate in Animal Husbandry, Assistant to the Dean of the College of Agriculture, and Assistant to the Director of the Agricultural Experiment Station
 DAMON VON CATRON, B.S., Associate in Animal Husbandry³
 JOHN IRVIN CARLSON, A.B., B.S., Second Lieutenant, Army of the United States, Associate in Military Science and Tactics⁴
 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 Service
 JACK A. HOWARD, M.S., Second Lieutenant, Adjutant General's Department, Associate in Military Science and Tactics
 LAWRENCE JOSEPH DISTEL, A.B., First Lieutenant, Infantry, Associate in Military Science and Tactics⁴
 KENNETH COLSON KNIGHT, B.S., First Lieutenant, Infantry, Associate in Military Science and Tactics

¹On leave of absence for war service.³Resigned.²On leave of absence for the year.⁴Transferred.

- ELMER WAYNE RANDLE, Second Lieutenant, Army of the United States, Associate in Military Science and Tactics
- MADLYN WOMACK, Ph.D., Special Research Associate in Chemistry
- WILLMER OLOF ALSTROM, M.S., Associate in Education and Teacher of Physical Education in University High School
- GLADYS ELSWORTH ANDREWS, M.S., Associate in Education and in Physical Education for Women, and Teacher of Physical Education in University High School
- GRACE BECKETT, Ph.D., Associate in Economics
- IRWIN AUGUST BERG, Ph.D., Associate in Psychology and Clinical Counselor in the Personnel Bureau
- 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
- RALPH LAVERNE COOK, M.S., Associate in Ceramic Engineering
- DANIEL HEINER CORE, JR., B.S., Second Lieutenant, Finance Department, Associate in Military Science and Tactics
- MAHLON MARSH DAY, Ph.D., Associate in Mathematics
- EARL JOSEPH ECKEL, B.S., Associate in Metallurgical Engineering
- FRED CLOW FRANCIS, M.S., Associate in Animal Husbandry¹
- ROBERT LOEFFLER FRANK, Ph.D., Associate in Chemistry
- MARGARET ROSE GOODYEAR, M.S., Associate in Home Economics
- SETH HAMMOND, Ph.D., Associate in Economics
- JOHN HENRY HETRICK, M.S., Associate in Dairy Manufactures
- FRED WILLIAM KASCH, M.S., Associate in Physical Education for Men
- ROSS ANTHONY KELLY, M.S., Associate in Fruit and Vegetable Marketing
- 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
- SHERMAN GRANT MENELEE, M.S., 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
- D. KATHARINE ROGERS, A.M., Associate in Social Administration
- ENID SCHNAUBER, M.S., Associate in Physical Education for Women²
- JAMES MADISON SEVERENS, Ph.D., Associate in Bacteriology
- HURST HUGH SHOEMAKER, Ph.D., Associate in Zoology and Counselor in the Personnel Bureau
- MULFORD QUICKERT SIBLEY, Ph.D., Associate in Political Science
- DAVID HERBERT BALL, B.S., First Lieutenant, Coast Artillery, Associate in Military Science and Tactics
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- ROBERT PAUL FISCHER, Ph.D., Associate in Psychology
- GEORGE FORREST HAILS, First Lieutenant, Infantry, Associate in Military Science and Tactics³
- JAMES MELVIN HALL, A.B., First Lieutenant, Coast Artillery, Associate in Military Science and Tactics³
- CLYDE MONROE HOBART, A.M., M.S., Associate in Mathematics
- THURSTON E. LARSON, Ph.D., Associate in Chemistry⁴
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- KENNETH B. POWLESS, B.S., LL.B., First Lieutenant, Coast Artillery, Associate in Military Science and Tactics³
- CLIFFORD AARON RASER, First Lieutenant, Field Artillery, Associate in Military Science and Tactics³

¹Resigned.²On leave of absence for war service.³Transferred.⁴Contract terminated November 30, 1943.

- ORVILLE WARREN, Second Lieutenant, Infantry, Associate in Military Science and Tactics¹
- CLAIRE ISABEL WEIGT, A.M., Associate in Physical Education for Women
- HEBER THURSTON WHITLEY, First Lieutenant, Field Artillery, Associate in Military Science and Tactics¹
- JOHN ADOLPH ANDERSON, B.S., Second Lieutenant, Coast Artillery, Associate in Military Science and Tactics¹
- BERNARD J. BROOKS, First Lieutenant, Infantry, Associate in Military Science and Tactics¹
- ISAAC B. FEAGIN, JR., First Lieutenant, Infantry, Associate in Military Science and Tactics¹
- J. MAX GOETSCHUIS, First Lieutenant, Army of the United States, Associate in Military Science and Tactics¹
- ANDREW WOOD KAISER, B.S., First Lieutenant, Adjutant General's Department, Associate in Military Science and Tactics
- JACK JACOB KATZ, A.M., First Lieutenant, Army of the United States, Associate in Military Science and Tactics
- JOHN HERMAN VRANIZAN, B.S., Second Lieutenant, Army of the United States, Associate in Military Science and Tactics¹
- MILDRED CAROL COOK, M.Mus., Associate in Music
- LOUIS W. IKERD, B.S., First Lieutenant, Coast Artillery, Associate in Military Science and Tactics
- VAIL HALL MOORE, B.S., Associate in Sanitary Engineering²
- RAYMOND WILLIAM ELKINS, A.M., Second Lieutenant, Army of the United States, Associate in Military Science and Tactics

Lecturers

- ALICE SARAH JOHNSON, A.B., B.L.S., Lecturer in Library Science and Reference Librarian
- EMMA REED JUTTON, B.L.S., Lecturer in Library Science and Loan Librarian
- JOSE BATCHELLER HOUCHEMS, B.L.S., A.M., Lecturer in Library Science, Binding Librarian, and Assistant University Librarian in charge of Personnel
- FANNY DUNLAP, Ph.B., B.L.S., Lecturer in Library Science and Reference Librarian
- WILLIA KATHRYN GARVER, B.L.S., Lecturer in Library Science and Assistant University Librarian in charge of Acquisitions
- ARNOLD HERMAN TROTIER, A.M., Lecturer in Library Science and Assistant University Librarian in charge of Cataloging
- MAURICE THOMAS PRICE, Ph.D., Visiting Lecturer in Geography
- ALBERT EDWARD CUMMINGS, B.S., C.E., Lecturer in Foundation Engineering
- MRS. MAY WHITSITT HOPKINS, Ph.D., Lecturer in Chemistry³
- ESTHER MERYL GRIFFITH, Ph.D., Lecturer in Chemistry⁴
- WILLIAM HOMER WISELY, B.S., C.E., Lecturer in Sanitary Engineering²

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
- AMEDA RUTH KING, Ph.D., Instructor in History
- WILLIAM JACKSON TREECE, M.S., Instructor in Physical Education for Men⁵
- GEORGE CHARLES WICKWIRE, M.S., Instructor in Physiology
- ARTHUR EDWARD COHEN, M.Mus., Instructor in Music
- JOHN WALLACE RAUSHENBERGER, B.F.A., Instructor in Art
- AGNES MARY DOSTER, A.M., Instructor in Home Economics
- ALFRED WHALEY BOOTH, Ph.D., Instructor in Geography⁵
- JOHN WILLIAM DAVIS, B.S., Instructor in Architecture⁵
- AURELIO EUGENE FLORIO, A.M., Instructor in Physical Education for Men⁵

¹Transferred.

³Contract terminated April 30, 1944.

⁵On leave of absence for war service.

²Second semester.

⁴Resigned.

HARRY WALLACE HORN, M.S., Instructor in Electrical Engineering
 FRANK ELLSWORTH SCHOOLEY, B.S., Instructor in Journalism, Assistant to the Director of Public Information, and Assistant to the Director of the Radio Station
 LAWRENCE HUSTON HOUTCHENS, Ph.D., Instructor in English
 ROBERT BRESEE MONTGOMERY, B.S., M.D., Instructor in Hygiene and Medical Adviser for Men¹
 EDWARD PEASE SHAW, Ph.D., Instructor in French¹
 CLAUDE PAUL VIENS, Ph.D., Instructor in French¹
 WINSTON EDWARD BLACK, M.S., C.E., Instructor in Theoretical and Applied Mechanics¹
 MAX JOSSELYN CHAPMAN, A.M., Instructor in Physical Education for Men¹
 MARION STANLEY HELM, M.S., Instructor in Electrical Engineering
 BERT OSCAR LARSON, B.S., Instructor in General Engineering Drawing¹
 RICHARD EMANUAL HULT, B.S., B.F.A., Instructor in Art
 MARTHA VAUGHT THOMAS, A.M., Instructor in Physical Education for Women²
 LANSDON HEBBARD BOWEN, Ph.D., Instructor in French
 EDWIN DEVERE LUKE, M.S., Instructor in Mechanical Engineering¹
 JAMES CURTIS MACE, JR., Ph.D., Instructor in Electrical Engineering¹
 GEORGE ROLAND PEIRCE, M.S., Instructor in Electrical Engineering
 HOWARD JOHN BRAUN, B.S., Instructor in Physical Education for Men¹
 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 Discipline¹
 STEPHEN WOOD GRAY, Ph.D., Instructor in Physiology¹
 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 English¹
 ROBERT VICTOR MITCHELL, M.B.A., Instructor in Business Organization and Operation¹
 WILLIAM ROBERT MOSES, Ph.D., Instructor in English¹
 MRS. ESTHER H. RAPP, Ph.D., Instructor in English
 KEITH LEROY WILSON, B.S., M.Mus., Instructor in Music and in Military Bands¹
 NICHOLAS BRITSKY, B.F.A., Instructor in Art¹
 OTTO ALVIN DIETER, Ph.D., Instructor in Speech¹
 JOHN PAUL JONES, JR., A.M., Instructor in Journalism¹
 JACOB SEBASTIAN KOUNIN, Ph.D., Instructor in Education¹
 JOHN EDWIN PEARSON, B.S., Instructor in General Engineering Drawing¹
 PAUL SIDNEY PETTINGA, M.Mus., Instructor in Music¹
 JOHN NELSON WEISS, M.S., Instructor in Agricultural Education
 LELAND SHANOR, Ph.D., Instructor in Botany¹
 JOHN BLACK SIRICH, Ph.D., Instructor in History
 CHESTER G. STARR, JR., Ph.D., Instructor in History¹
 CLYDE WINFIELD WILKINSON, A.M., Instructor in English¹
 GEORGE VRYONIS, M.D., Instructor in Hygiene and Medical Adviser for Men¹
 JOHN ALEXANDER FUZAK, M.S., Instructor in Industrial Education
 JOHN ADAMS HENRY, B.S., Instructor in Mechanical Engineering
 PAUL STUART COLLIER, M.S., Instructor in Mechanical Engineering
 ROBERT JOHN GEIST, Ph.D., Instructor in English¹
 HERBERT ARNOLD NYE, Ph.D., Instructor in Physics
 RICHARD ELLIOT ROBERTS, B.S., B.Mus., Instructor in Music¹
 HELEN KATHERYN ZWOLANEK, A.M., Instructor in Home Economics
 ALBERT DAVID BAILEY, A.B., B.S., Instructor in Electrical Engineering
 DAVID HEROLD COLE, M.S., Instructor in Mechanical Engineering
 MARY ALICE LOHRER, Ph.B., B.S., Instructor in Library Science
 LOUIS ALEXANDER POTTER, JR., B.Mus., Instructor in Music
 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 Engineering¹
 MRS. DORIS SCHNEIDER COOK, Ph.D., Instructor in Bacteriology
 WALTER EDMUND HANSON, B.S., Instructor in General Engineering Drawing¹
 PAUL FOWLER SCHWARZLOSE, B.S., Instructor in Electrical Engineering
 NATALIA MAREE BELTING, Ph.D., Instructor in History

¹On leave of absence for war service.²Resigned.

- RALPH HARRY JOHNSON, M.S., Instructor in Physical Education for Men and Counselor in the Personnel Bureau
- KENTON AUGUSTUS KENDALL, M.S., Instructor in Dairy Production
- ALLEN BARCLAY KLINGEL, B.S., Instructor in Physical Education for Men¹
- NORMAN RABJOHN, Ph.D., Instructor in Chemistry²
- JOHN JOSEPH SHEURING, M.S., Instructor in Dairy Manufactures¹
- CHARLES EDWARD BAER, B.S., Instructor in Physical Education for Men
- JOHN CLARENCE BELL, Ph.D., Instructor in Mathematics²
- CYRUS DALE GREFFE, B.S., Instructor in Mechanical Engineering
- GERHART KARL GROETZINGER, Ph.D., Instructor in Physics
- RICHARD WESLEY HAMMING, Ph.D., Instructor and Research Assistant in Mathematics²
- ROBERT STUART HANMER, M.S., Instructor in Chemistry
- WARREN JUSTUS HUFFMAN, A.M., Instructor in Physical Education for Men
- MARTIN EMMANUEL NELSON, Ph.D., Instructor in Physics²
- GUENTER SCHWARZ, Ph.D., Instructor in Physics
- ROBERT MCCLAUGHLIN WHITNEY, A.B., Instructor in Chemistry
- GRACE ELIZABETH WILSON, M.Mus., Instructor in Music
- ALDEN DENZEL CUTSHALL, Ph.D., Instructor in Geography
- 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
- MARJORIE KIRK, B.S., Instructor in Physical Education for Women
- LYLE WELSER, M.Ed., Instructor in Physical Education for Men
- ROBERT GEORGE ZILLY, B.S., Instructor in General Engineering Drawing
- CLARENCE JAMES GOODNIGHT, Ph.D., Instructor in Zoology
- MRS. CAROLYN WASHBURN HOUTCHENS, Ph.D., Instructor in English²
- FREDERICK DEAN MILES, B.S., Instructor in Architecture
- RENATO ROSALDO, Ph.D., Instructor in Spanish
- JOSEPH WRIGHT SCOTT, A.M., Instructor in Speech¹
- HENRI STEGEMEIER, Ph.D., Instructor in German
- HUGH WILLIAMS SARGENT, A.M., Instructor in English¹
- WILLIAM FRANKLIN SENN, B.S., Instructor in Physical Education for Men
- MRS. EVELYN CONSTANCE FAULKNER, M.S., Instructor in Home Economics
- JOHN OLIVER JONES, M.S., Instructor in Physical Education for Men
- NELSON JORDAN LEONARD, Ph.D., Instructor in Chemistry
- ALFRED CAMPBELL AMES, Ph.D., Instructor in English²
- GEORGE CURRIDEN BALDWIN, Ph.D., Instructor in Physics²
- CLARENCE FRANCIS CROSSLEY, B.S., Instructor in Physical Education for Men
- BORIS LEAF, Ph.D., Instructor in Chemistry
- CARL OLIVER MUEHLHAUSE, Ph.D., Instructor in Physics
- THEODORE ALLEN WELTON, Ph.D., Instructor in Physics
- 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
- WILLIAM FRANKLIN ATCHISON, Ph.D., Instructor in Mathematics
- VICTOR LAVERNE BROWN, B.Ed., Instructor in Physical Education for Men
- 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 and Medical Adviser for Women
- MAX REED GOODSON, Ed.M., Instructor in Education
- VICTOR HEYLIGER, B.S., Instructor in Physical Education for Men
- WILLIAM ARNISON HOSKISSON, M.S., Instructor in Dairy Manufactures
- NANCY EVANS HOUSTON, B.S., Instructor in Physical Education for Women
- WALTER MILLER JOHNSON, JR., A.M., Instructor in Art Education
- GEORGE STANLEY KLAIBER, Ph.D., Instructor in Physics
- JANIE CAMPBELL LAPSLEY, Ph.D., Instructor in Mathematics²
- MRS. LUCRETIA SWITSER LEVY, A.M., Instructor in Mathematics

¹On leave of absence for war service. ²Resigned.³First semester.

DONALD RAY MARTIN, Ph.D., Instructor in Chemistry
 ROBERT HAMILTON MOORE, A.M., Instructor in English
 WILLIAM ELWOOD OGLE, A.M., Instructor in Physics
 HAROLD MARION OSBORN, B.S., D.O., Instructor in Physical Education for Men
 JOE FRANK WILKES, A.M., Instructor in Education
 JOHN WOODFALL WYETH, A.M., Instructor in Physical Education for Men
 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 the Classics and in Mathematics
 SAMUEL HENRY BIRDZELL, B.S., Instructor in Physical Education for Men
 VIRGIL CARL BOEKELHEIDE, Ph.D., Instructor in Chemistry
 JOHN CONRAD BUSHMAN, Ph.D., Instructor in English
 DOROTHY MAXINE CORLETT, Ph.D., Instructor in History
 MARTHA FRANCES GLEDHILL, B.S., Instructor in Physical Education for Women¹
 MRS. MARY WHITEFORD GRAHAM, A.M., Instructor in Speech
 ALBERT JEROLD HATCH, B.S., Lecture-Demonstrations Instructor in Physics
 MARIE KATHRYN HOCHMUTH, A.M., Instructor in Speech
 ROBERT ROGERS HUBACH, Ph.D., Instructor in English
 MRS. NAOMI WINGFIELD HUNTER, A.M., Instructor in Speech
 WILLIAM HERMAN MUNSE, B.S., Instructor in Civil Engineering
 WILLIAM DAVID RICE, A.M., Instructor in Physics
 EDWARD JAMES SCHROEPPER, B.Mus., Instructor in Music and in Military Bands
 GERALD WILLIAM SEARS, Ph.D., Instructor in Chemistry¹
 MEHMET NEJAT TOKAY, M.S., Instructor in Civil Engineering
 ZENO WATERBURY WICKS, JR., A.B., Instructor in Chemistry²
 WILL JUNIOR WORLEY, B.S., Instructor in Theoretical and Applied Mechanics
 MRS. JOSEPHINE KENNEDY YOUNG, M.S., M.D., Instructor in Hygiene and Medical
 Adviser for Women
 MRS. GERTRUDE STITH KETCHUM, A.M., Instructor in Mathematics³
 JAMES VINCENT QUAGLIANO, M.S., Instructor in Chemistry
 MRS. DOROTHY STAHMER RAWLINGS, A.M., Instructor in Physical Education for Women
 VIRGINIA STEELE CHAMBERLIN, M.S., Instructor in Physical Education for Women
 WARREN IRVIN MITCHELL, B.S., Instructor in Theoretical and Applied Mechanics⁴

Assistants

PAUL ANDERS, Assistant in Glassblowing
 JOHN ALEXANDER, A.M., Assistant in French⁵
 MRS. EDITH SENDENBURGH SWENEY, A.M., Assistant in English
 CHESTER EDWARD DERROUGH, Assistant in Mechanical Engineering
 ANGELINA ROSALIA PIETRANGELI, A.M., Assistant in French and in Spanish and Italian
 JOHN ISAAC OWEN, A.M., Assistant in English
 GEORGE CARR CAMP, A.M., Assistant in English
 ALICE MORRISON, A.M., Assistant in English
 JOHN KERKER QUINN, A.M., Assistant in English
 CORDELIA REED, A.M., Assistant in French
 GIBBON BUTLER, A.M., Assistant in English⁶
 FREDRIC JOHN MOSHER, A.M., Assistant in English⁶
 RUTH THELMA KROUSE, M.S., Assistant in Physiology
 BRUCE HALE MAINOUS, A.M., Assistant in Spanish⁶
 MARGARET PLOWMAN MCGLOTHLIN, A.M., Assistant in English
 BERNARD PETER PORZAK, A.M., Assistant in English
 KENNETH E. HARSIBARGER, M.S., Assistant in Dairy Production⁶
 JOHN WILSON LEWIS, A.M., Assistant in English
 MRS. MARTHA BARNES BAYLOR, Ph.D., Special Research Assistant in Chemistry
 THOMAS ALEXANDER BLEDSOE, A.M., Assistant in English⁶
 LEONARD FEINBERG, A.M., Assistant in English⁶
 GEORGE SCOUFFAS, A.M., Assistant in English

¹Resigned.

³First semester.

⁵On leave of absence beginning March 2, 1944.

²Contract terminated November 23, 1943.

⁴Second semester.

⁶On leave of absence for war service.

- ROBERT VAN AKIN BAUER, A.M., Assistant in English¹
 NATHANIEL H. ERWIN, A.M., Assistant in Speech and Director of Production in the
 Radio Station
 CLAUDE WINSTON FAULKNER, A.M., Assistant in English¹
 ERWIN WILLIAM GOESSLING, A.M., Assistant in German and Teacher of German in
 University High School¹
 FRANCIS WILLIAM WEEKS, A.M., Assistant in English
 JOSEPH PATTON FULTON, A.M., Assistant in Botany¹
 ARTHUR JAPHETH CARR, A.M., Assistant in English¹
 JAE LUIS LITRELL, M.S., Research Assistant in Zoology
 ROBERT WILSON EYLER, Ph.D., Assistant in Chemistry²
 MAYNARD FOWLE MOSELEY, JR., M.S., Assistant in Botany¹
 WELLS FENTON CHAMBERLIN, A.M., Assistant in French¹
 HUGO JOHN DAVID, A.M., Assistant in Speech¹
 LYNWOOD M. HOLLAND, A.M., Assistant in Political Science²
 WALTER STAAKS, JR., A.M., Assistant in French¹
 MILFORD CYRIL JOCHUMS, A.M., Assistant in English¹
 DON MACLEISH MURRAY, A.M., Assistant in English¹
 HERMAN JULIAN SAMPSON, JR., A.B., Assistant in Chemistry²
 ARCH BYRON SPRADLING, JR., M.S., Assistant in Chemistry
 WILLIAM ELDRED WALLACE, Ph.D., Assistant in Chemistry²
 FLAVIUS WEBB WYMAN, Ph.D., Assistant in Chemistry²
 HENRY DILGARDT ARNETT, M.S., Assistant in Physics
 CHARLES ABRAM DEKKER, A.B., Assistant in Chemistry
 ALFRED CARL ECKERT, JR., B.S., Assistant in Chemistry
 MRS. KATHRYN HARMON MUTTI, M.S., Assistant in Home Economics
 FLOYD FRANKLIN HELTON, A.M., Assistant in Mathematics
 JOHN ARTHUR HOWSMON, A.B., Assistant in Chemistry³
 HUGH WILLIAM JOHNSTON, B.S., Assistant in Chemistry²
 HOWARD EARL KREMERS, M.S., Special Research Assistant in Chemistry
 BYRON ELWOOD LEACH, M.S., Special Research Assistant in Chemistry²
 JOHN ARTHUR MATTERN, M.S., Assistant in Chemistry
 JOHN ALEXANDER MCBRIDE, M.S., Assistant in Chemistry
 JAMES BEVERLEY MCPHERSON, JR., M.S., Assistant in Chemistry
 NORMAN AUGUST MEINKOTH, M.S., Assistant in Zoology
 DONALD FRANKLIN MEISNER, M.S., Assistant in Chemistry
 EDWIN WINSLOW ROBBINS, A.M., Assistant in English¹
 MALCOLM HOWARD ROBERTS, B.S., Assistant in Chemistry⁴
 HENRI CLÉRET SEIBERT, M.S., Assistant in Zoology²
 WILBUR JAY SHENK, JR., A.B., Assistant in Chemistry²
 MELVIN DALE SPRINGER, M.S., Assistant in Mathematics²
 FRED HENRY STENSTROM, M.S., Assistant in Floriculture¹
 JOHN PETER TORDELLA, M.S., Special Research Assistant in Chemistry
 CHARLES THOMPSON WILKINS, A.M., Assistant in English¹
 CARL BENSON, A.M., Assistant in English¹
 BRUCE COMSTOCK BERESFORD, B.S., Assistant in Vegetable Crops¹
 DILLON SIDNEY BROWN, M.S., Assistant in Pomology
 ROBERT ARMINE CONOVER, M.S., Assistant in Botany¹
 UPSON STANLEY GARRIGUS, M.S., Assistant in Animal Husbandry¹
 CORINNE HATTAN, A.M., Assistant in Mathematics
 GUY WILSON JONES, A.M., Assistant in English¹
 JOHN WALTER MECORNEY, B.S., Assistant in Chemistry³
 GLENN RAY NOGGLE, M.S., Research Assistant in Botany
 WAYNE WILMER DAHLSTEDT, A.M., Assistant in English¹
 DONALD JAMES HANAHAN, M.S., Assistant in Chemistry
 NAOMI MARY LIVESAY, A.B., Ph.M., Assistant in Mathematics²
 DOROTHY ELAINE MARTIN, A.B., Assistant in Chemistry
 LEROY GREGOR SCHULZ, M.S., Assistant in Physics

¹On leave of absence for war service.²Resigned.³Second semester.⁴First semester.

- JOHN ERIC WILSON, M.S., Assistant in Chemistry¹
 STANLEY WALLACE TERRILL, B.S., Assistant in Animal Husbandry²
 SHERMAN RUSSELL DICKMAN, Ph.D., Special Research Assistant in Chemistry³
 CHARLES WILLIAM PAAPE, A.M., Research Assistant in History³
 FRANCES PATTON, A.M., Assistant in Speech²
 RAMON WALTER KIREILIS, B.S., Assistant in Physical Education for Men
 ROBERT TODD ANDERSON, A.M., Assistant in Physics
 ANTHONY A. BLAZINE, B.S., Assistant in Physical Education for Men
 HAROLD HENRY BLOEM, M.S., Assistant in Physics¹
 DAVID HENRY CHADWICK, M.S., Assistant in Chemistry
 ALDEN LARUE CRITTENDEN, B.S., Assistant in Chemistry
 EVERETT EARL KLONTZ, M.S., Assistant in Physics¹
 RALPH WERNER KRONE, M.S., Assistant in Physics
 JOHN SETH LAUGHLIN, M.S., Assistant in Physics¹
 SCOTT MACKENZIE, JR., B.S., Assistant in Chemistry
 JOHN McELHINNEY, M.S., Assistant in Physics
 ELIZABETH WILSON PEEL, A.B., Assistant in Chemistry
 CLAUD AUSTIN PYLE, M.S., Assistant in Physics¹
 CARL SCHOGGINS, A.M., Assistant in Spanish
 ANDREW WILLIAM SUNYAR, M.S., Assistant in Physics
 WILLIAM NEIL THOMPSON, M.S., Assistant in Farm Management²
 WILLIAM BORGEN TREUMANN, B.S., Assistant in Chemistry
 ROBERT STEPHEN WHITE, M.S., Assistant in Physics¹
 WALTER ARTHUR ARON, A.M., Assistant in Physics¹
 MARGARET RAE BOOTH, A.B., Assistant in Spanish
 ROBERT BLANCHARD FISCHER, B.S., Assistant in Chemistry
 LILLIAN HEJTMANEK, A.M., Assistant in Spanish
 HARRY FRED HERBRANDSON, B.Chem., Assistant in Chemistry
 WILBUR IRVING KAYE, B.S., Assistant in Chemistry
 HAINES BOOTS LOCKHART, A.B., Special Research Assistant in Chemistry
 VIRGINIA MAUD LOWELL, A.M., Assistant in English
 LUTHER LEO LOWRY, M.S., Assistant in Physics
 CONSTANCE NICHOLAS, A.M., Assistant in English
 THOMAS DAVID PARKS, B.S., Assistant in Chemistry
 JAMES ALFRED PHILLIPS, M.S., Assistant in Physics
 RALPH LAWRENCE ROWLAND, B.S., Special Research Assistant in Chemistry
 CARL FRANK AUGUST SIEVERT, B.S., Special Research Assistant in Chemistry
 DOROTHY VAN WINKLE SIMRALL, A.M., Assistant in Psychology
 MARVIN EUGENE WYMAN, A.B., Assistant in Physics
 BENJAMIN FRANKLIN AYCOCK, JR., B.S., Assistant in Chemistry⁴
 MRS. MARGARET BERG PLAYE, M.L., Assistant in French
 ROBERT GILES BROOKS, A.M., Assistant in English²
 MARTHA ELIZABETH DEWEESE, A.M., Assistant in Home Economics
 MRS. RUTH CONLEY FOSNAUGH, A.B., Assistant in Spanish
 CHARLES IGNATIUS JAROWSKI, Ph.D., Special Research Assistant in Chemistry
 DARRELL ELLSWORTH LATHAM, B.S., Research Assistant in Physical Education for Men
 ELAINE VIVIAN NANTKES, B.Ed., Assistant in Astronomy
 ELIZABETH L. ROSS, B.S., Assistant in Zoology
 JOHN STRELL, JR., B.S., Assistant in Physical Education for Men and Assistant to the
 Director of the School of Physical Education
 MRS. MARCIA BROWN BOWMAN, A.M., Assistant in English
 SAMUEL NEIL BOYD, JR., B.S., Assistant in Chemistry
 MRS. EVELYN McLAIN BRISTOW, A.M., Assistant in Spanish
 MAYME JOSEPHINE BUNCH, A.M., Assistant in History
 RICHARD UGLOW BYERRUM, A.B., Assistant in Chemistry¹
 CHARLES ROBERT FILIPPI, B.S., Assistant in Ceramic Engineering²
 MRS. OLIVE REMINGTON GOLDMAN, A.M., Assistant in Speech
 JOHN HOVORKA, M.S., Assistant in Physics¹
 ROBERT ELLERY JONES, M.S., Assistant in Chemistry
 MERCEDES GUILLERMINA KAHLERT, A.B., Assistant in Spanish

¹Resigned.²Contract terminated March 1, 1944.³On leave of absence for war service.⁴Second semester.

FRANK MAX LUMMIS, A.M., Assistant in the Classics¹
 LEWIS MALCOLM MAGILL, JR., A.M., Assistant in English
 MRS. NELLIE MORRIS MILES, A.M., Assistant in Mathematics²
 SONIA MILLER, A.M., Assistant in English
 HARRIET MARY ROCKWELL, A.M., Assistant in English
 DOROTHY BEAL RUSHING, A.M., Assistant in English
 LYLE W. SMITH, M.S., Assistant in Physics
 WILLIAM B. TORAN, A.M., Assistant in English²
 MARJORIE LOUISE WALTER, A.B., Assistant in Speech
 EDWARD GEORGE WELTIN, A.M., Assistant in History
 MRS. RUTH WILLARD DETURK, A.M., Assistant in Spanish²
 CLARA EDDY HAMILTON, B.S., Assistant in Zoology
 DAVID HERBERT DONALD, A.M., Research Assistant in History
 ALFRED JOHN CANALE, A.B., Assistant in Chemistry²
 ARCHIBALD MILLER HYSON, B.S., Assistant in Chemistry
 RUDY NOVAK, B.S., Assistant in Physical Education for Men
 WILLIAM EUGENE PARHAM, M.S., Assistant in Chemistry²
 ALECK BORMAN, B.S., Assistant in Chemistry
 DREW SPARKMAN, A.B., Research Assistant in Zoology
 MRS. FRANCES ARNOLD ANDERSON, A.M., Assistant in Spanish
 MORSE BERYL SINGER, Assistant in Mechanical Engineering
 GERALD PAUL BECK, B.S., Assistant in Physics
 MARIANNE RUTH FREUNDLICH, B.S., Assistant in Physics
 GORDON LAMAR GRIFFITH, B.S., Assistant in Physics
 LILLIAN ELVIRA HEDSTRAND, B.S., Assistant in Library Science
 ASHER DALE KANTZ, A.B., Assistant in Physics²
 DANE SCAG, M.S., Assistant in Physics²
 WILBUR WILLIS SCHOOF, A.B., Assistant in Physics
 LLOYD SMITH, A.M., Assistant in Physics
 EDNA ANITA MAISNER, A.B., Research Assistant in Psychology
 MRS. GIANNINA ROOSA, A.M., Assistant in Italian
 ROBERT MCLEAN ADAMS, B.S., Assistant in Chemistry
 ROBERT MARION ALLEN, A.B., Assistant in Physical Education for Men
 ELVA ATHERTON, A.M., Assistant in Mathematics
 ROBERT ANDREW BAUMAN, B.S., Assistant in Chemistry²
 KARL MAURICE BECK, B.S., Assistant in Chemistry²
 DONALD BEYER, Assistant in Physical Education for Men¹
 MILDRED JEANNETTE BRANNON, M.Mus., Assistant in Mathematics
 MARLYN JEAN BROCK, B.S., Assistant in Chemistry
 MRS. JOSEPHINE HARRIS BURKAM, A.M., Assistant in English
 SALLY ELIZABETH CARNAHAN, A.M., Assistant in French
 MINOR JESSER COON, B.S., Special Research Assistant in Chemistry
 NELSON ROY EASTON, A.B., Assistant in Chemistry
 BETTY JANE EILERTSEN, A.M., Assistant in French
 ELMER HENRY FOHRELL, A.B., Assistant in Chemistry²
 H. HERBERT FOX, A.B., Assistant in Mathematics²
 HERBERT EDWARD FREIER, A.B., Assistant in Chemistry²
 MRS. WANDA LITTLE HAMMING, A.M., Assistant in Mathematics²
 CHARLES FREDERICK HANER, A.B., Assistant in Psychology
 HARRY HARDENBROOK, JR., D.V.M., Assistant in Animal Pathology and Hygiene¹
 MARY MARGARET HICKEY, A.B., Assistant in Spanish
 HENRY FULLER HOLTZCLAW, JR., A.B., Assistant in Chemistry²
 EDGAR HOWARD, JR., B.S., Assistant in Chemistry²
 SAMUEL GEORGE HUBER, B.S., Assistant in Agricultural Engineering²
 MARY ADELINE HUSSEY, A.M., Assistant in English
 LEO MAX KAISER, Ph.D., Research Assistant in the Classics
 THEODORE GERARD KLOSE, B.S., Assistant in Chemistry
 PETER KOVACIC, A.B., Assistant in Chemistry
 RAY GARTNER LANGEARTEL, A.M., Assistant in Mathematics
 PAUL EDWARD LERRET, B.S., A.B., Assistant in Mathematics²

¹First semester.²Resigned.³On leave of absence for war service.

ELLIOT NELSON MARVELL, B.S., Assistant in Chemistry¹
 AUGUSTO ORTIZ, B.S., Assistant in Spanish
 GEORGE ELWOOD PHILLIPS, A.B., Special Research Assistant in Chemistry
 KENNETH JAMES PIPENBERG, B.S., Assistant in Chemistry
 ROBERT WILLIAM POWERS, B.S., Assistant in Chemistry¹
 MRS. MARY KRANOS RUBIO, A.B., Assistant in Spanish
 EDWARD J. SCHEIWE, B.S., Assistant in Physical Education for Men¹
 JEWELL EMMA SCHUBERT, M.S., Assistant in Mathematics
 JOHN ANDREW SNYDER, B.S., Assistant in Farm Management
 VIVIAN CAREY STOVALL, B.S., Assistant in Home Economics
 HAROLD ARTHUR SWANSON, B.S., Assistant in Physical Education for Men
 JEROME BRADFORD THOMPSON, A.B., Assistant in Chemistry²
 EARLE MARVIN VANHEYNINGEN, A.B., Assistant in Chemistry¹
 HAROLD SYLVESTER WANDLING, B.S., Assistant in Chemistry
 PETER FOSTER WARFIELD, M.S., Assistant in Chemistry
 JOHN DAVIS YOUNG, B.S., Special Research Assistant in Chemistry
 ROBERT ALLEN ALTENBERN, B.S., Assistant in Bacteriology
 MARGARET L. ANDERSON, A.B., Assistant in Spanish
 HANNAH SOPHIA BACKLUND, A.B., Assistant in Spanish
 MRS. FLORENCE CATHERWOOD BAILAR, M.S., Assistant in Mathematics²
 RICHARD BARDOLPH, A.M., Assistant in History
 WILLIAM AUBREY BLANKINSHIP, A.B., Assistant in Mathematics¹
 MELVIN CLAY BREWER, B.S., Assistant in Physical Education for Men
 JOHN WAGNER BROWN, B.S., Assistant in Physical Education for Men
 JOHN ALDRICH CHRISTIE, A.M., Assistant in English
 KEITH STEWARD CLARK, B.S., Assistant in Physical Education for Men
 STANLEY JEROME CRISTOL, Ph.D., Special Research Assistant in Chemistry
 FREDERICK HENRY DELANEY, B.Ed., Assistant in Physical Education for Men
 PAULINE SUE DRAWVER, A.M., Assistant in English
 SHIRLEY RUTH DUSHKIND, A.M., Assistant in Zoology
 ROBERT D. EMMICK, A.B., Assistant in Chemistry¹
 JEAN ELISABETH GAGEN, A.M., Assistant in English
 MARTIN GIBBS, B.S., Assistant in Chemistry
 EDGAR NELSON GILBERT, B.S., Assistant in Physics¹
 WARREN FRANKLIN GOODELL, JR., B.S., Assistant in Physics²
 MRS. MARGARET SCHNAPP GOODSON, B.S., Assistant in Mathematics
 CORWIN HERMAN HANSCH, Ph.D., Special Research Assistant in Chemistry³
 JACK WILEY HINMAN, M.S., Special Research Assistant in Chemistry¹
 JUSTIN BERNARD HOEKSTRA, A.B., Research Assistant in Physiology
 HELEN PAULINE HOFFMAN, B.Ed., Assistant in Mathematics
 LOIS AILEEN HOSTINSKY, B.S., Assistant in Mathematics
 MRS. LEOTA LONG JANKE, A.M., Clinical Assistant in Psychology
 ROSEMARY ELEANORE JANTZEN, A.M., Assistant in English
 DOROTHY BERNICE JOHNSON, B.S., Assistant in Geology
 DOROTHY NELL JONES, B.S., Assistant in Zoology and Physiology
 MRS. FLORENCE FREEMAN JONES, A.M., Assistant in Botany
 MARK OLIVER KISTLER, A.M., Assistant in German
 SALVATORE JOSEPH LOVERDE, B.S., Assistant in Physical Education for Men
 GRAY LUCAS, B.S., Assistant in Chemistry
 CLARENCE ISAAC McSWANE, M.S., Assistant in Mathematics
 GEORGE PETER MUELLER, Ph.D., Special Research Assistant in Chemistry¹
 HERNAN MUGUERZA, Assistant in Spanish¹
 MARVIN FREEMAN NATHAN, B.S., Assistant in Chemistry¹
 WILLIAM PENROD NORRIS, A.B., Assistant in Chemistry¹
 DOROTHY HILDUR OLSON, A.B., Assistant in the Division of General Studies
 MRS. MARIE FREEMAN PALMER, A.B., Assistant in Home Economics
 STANLEY MARSHALL PARMERTER, M.S., Assistant in the Division of General Studies

¹Resigned.²First semester.³Second semester.

- CLARENCE PHILLIPS, A.M., Assistant in Mathematics
 MRS. JOY BURCHAM PHILLIPS, A.B., Assistant in Zoology
 PAUL PODMAJERSKY, B.S., Assistant in Physiology
 LUCILLE BERNICE POWERS, B.S., Assistant in Home Economics
 MARGARET ELIZABETH RANDELS, A.B., Assistant in French
 DAVID HADLEY READ, M.S., Assistant in Chemistry
 LESTER JAMES REED, B.S., Assistant in Chemistry¹
 PHILIP SOLOMON SKELL, Ph.D., Special Research Assistant in Chemistry
 LEONARD CHARLES SMITH, JR., A.B., Assistant in Chemistry¹
 ANGELO JOHN SPEZIALE, M.S., Assistant in Chemistry¹
 MRS. HELEN FAULKNER STEWART, B.Mus., Assistant in Music
 RICHARD GEORGE STONEHAM, B.S., Assistant in Mathematics¹
 HERMAN AUGUST TEMPLIN, Research Assistant in Physics
 EARL VERN THOMPSON, B.S., Assistant in Physical Education for Men
 OSCAR TOUSTER, A.M., Special Research Assistant in Chemistry¹
 CLARRANNE VON FOSSEN, A.B., Assistant in Psychology
 EILENE WEAKLY, A.M., Assistant in English
 MRS. HELEN WILLIAMS WEAVER, A.B., Assistant in English
 FRANCES WHATLEY, A.M., Assistant in Spanish
 MRS. PHYLLIS WHITE OGDEN, A.B., Assistant in Spanish
 EDWARD ANDREW WIELICKI, B.S., Assistant in Chemistry
 MRS. SALOME WALLACE WORKMAN, A.B., Assistant in Mathematics
 CURTIS WRIGHT, JR., B.S., Assistant in English
 LOUIS-PHILIPPE BOUTHILLIER, M.S., Assistant in French
 MRS. OLIVE PETERSON BUCHHOLZ, M.S., Assistant in Mathematics²
 LUCY SCOTT BYNUM, A.M., Assistant in English
 MRS. MARJORIE GAYLORD CARROLL, A.B., Assistant in Mathematics²
 MRS. BERTHA PRICE CASBERG, A.M., Assistant in History²
 JENNIE DRANOFF, A.B., Assistant in English²
 MRS. ORA MAY ENGLE, A.B., Assistant in Mathematics²
 WILLIAM CLYDE FERGUSON, M.S., Research Assistant in Entomology
 FRANK GINSBERG, B.S., Assistant in Chemistry¹
 MARGA HOSAEUS, B.S., Assistant in German¹
 FLOANNA SHELLEY HOWE, A.M., Assistant in English²
 MRS. OLGA NALBANDOV, M.S., Assistant in Chemistry
 JOSEPH SERRIN NELSON, M.S., Assistant in Chemistry¹
 MRS. HELEN PADFIELD ROBERTS, A.B., Assistant in History²
 QUENTIN FRANCIS SOPER, Ph.D., Special Research Assistant in Chemistry¹
 WILLIAM WALLER, B.S., Assistant in Physical Education for Men
 FU-HSIUNG WANG, M.S., Research Assistant in Botany
 MRS. SUSAN DONBERG WICKS, A.B., Assistant in Chemistry
 DOROTHY MARY ZUCKER, A.M., Assistant in German
 JAMES LANE BOSWELL, B.S., Assistant in Mathematics²
 NANCY LOUISE DOWNS, B.S., Assistant in Chemistry²
 HARRY FREY KAUFFMAN, JR., B.S., Assistant in Chemistry²
 WARD BEECHER SCHAAP, B.S., Assistant in Chemistry¹
 MRS. METTA VIRGINIA ZAHORSKY, B.S., Assistant in Home Economics³
 ROBERT KINGSBURY CLARK, JR., A.B., Special Research Assistant in Chemistry³
 ROYENE DRY FRANTZ, B.S., Assistant in Home Economics³
 FLORENCE MARGARET HENDERSON, Ph.D., Assistant in English³
 MRS. MARIE L. GOODNIGHT, M.S., Assistant in Botany and in the Division of General Studies³
 HENRY FRANCIS HRUBECKY, B.S., Assistant in Mechanical Engineering²
 HARRY PAYNE REEVES, A.M., Assistant in Spanish²
 MRS. JEAN ALEXANDER ROSS, M.S., Research Assistant in Zoology³
 WILLIS EVERETT SNOW, M.S., Assistant in Botany³
 MRS. CLARA V. WALL, A.M., Assistant in Political Science³

¹Resigned.²First semester.³Second semester.

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 School¹
 LOUIS WILSON HIGGS, A.M., Assistant Principal of University High School
 WILLIAM HABBERTON, Ph.D., Assistant Professor of Education and Head of the Department of Social Studies¹
 CHESTER OSCAR JACKSON, A.M., Assistant Professor of Physical Education for Men
 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 Education¹
 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
 WILLMER OLOF ALSTROM, M.S., Associate in Education and Teacher of Physical Education
 GLADYS ELSWORTH ANDREWS, M.S., Associate in Education and Teacher of Physical Education
 FLORENCE CAROLINE BODENBACH, M.S., Associate in Home Economics Education
 WOLFGANG KUHN, M.S., Associate in Music Education
 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
 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 Mathematics¹
 MRS. BERYL SCHROEDER HESS, A.M., Teacher of English and Social Studies
 RICHARD CLARKE SKINNER, A.M., Teacher of English¹
 PALMER LOUIS ZICKGRAF, Ph.D., Teacher of Latin
 ERWIN WILLIAM GOESSLING, A.M., Teacher of German¹
 VYNCE ALBERT HINES, M.S., Teacher of Mathematics
 MRS. DOROTHY POTTER SWINDELL, A.M., Teacher of English
 MARY LOUISE CAMERON, A.M., Teacher of English
 FRANCES MARY GOURLEY, M.S., Teacher of Science
 MARY ELIZABETH IBALL, A.M., Teacher of Mathematics
 MRS. MARY CADY JOHNSON, B.F.A., Teacher of Art
 MRS. DOROTHY STAHRMER RAWLINGS, A.M., Teacher of Physical Education²

Administrators and Teachers Cooperating with the College of Education (First Semester, 1943-1944)

- CARL WALTER ALLISON, A.M., Principal of Champaign Senior High School
 DOROTHY P. ANDERSON, Teacher in South Side School
 E. O. BOTTENFIELD, A.M., Teacher in Champaign Senior High School
 IRVIN L. BRAKENSIEK, M.S., Teacher in Quincy Senior High School
 ELEANOR E. BUCK, A.M., Teacher in Urbana High School
 ELEANOR CHAFFEE, Ph.B., Assistant Principal of Champaign Senior High School
 MRS. ETHEL R. CIIASE, A.M., Teacher in Urbana High School
 THOMAS HOWELL COBB, A.M., Superintendent of Urbana Schools
 JOSEPHINE CURVEY, A.B., Teacher in Colonel Wolfe School
 SARAH JANE FISHER, A.M., Assistant Principal and Dean of Girls in Urbana High School

¹On leave of absence for war service.

²First semester.

MRS. VERA FLEMING, M.S., Teacher in Urbana High School
BURDETTE GRAHAM, M.S., Teacher in Macomb Senior High School
STANLEY BEAR HADDEN, A.M., Principal of Urbana High School
CLELIA A. HARLAND, B.S., Teacher in Champaign Senior High School
RUTH IRENE HARRIS, M.S., Principal of Webber School
MRS. HAZEL HUGHES HASTY, M.S., Teacher in Urbana High School
MRS. ELIZABETH HENEHAN, A.B., Teacher in Lincoln School (Urbana)
HELEN E. HERRIOTT, B.S., Teacher in St. Joseph Community High School
HELEN S. JENISTA, A.B., Teacher in Champaign Senior High School
VERA C. KADEN, A.M., Teacher in Champaign Senior High School
C. J. KUSTER, M.S., Teacher in Normal Community High School
AARON HAWTHORNE LAUCHNER, M.S., Principal of Thornburn Junior High School
MILDRED M. LAWSON, M.S., Teacher in Urbana High School
AVICE FERNE LEE, M.S., Principal of Colonel Wolfe School
BONNIE LEWIS, A.M., Teacher in Champaign Senior High School
MRS. MARY VIRGINIA McDUGLE, A.M., Principal of Washington School
JODA MCGAUGHEY, A.B., Teacher in Champaign Junior High School
EUGENE H. MELLON, D.Ed., Superintendent of Champaign Schools
ELIZABETH NAGLE, Principal of Lincoln School (Urbana)
CHARLES D. NEAL, Principal of Sadorus Community High School
ETTA NEELock, Principal of Marquette School
LELA MAE PING, Teacher in Sadorus Community High School
CLARA EVA RENFREW, B.Mus., Teacher in Thornburn Junior High School
MRS. ALMA RIGNEY, B.Mus., Teacher in Marquette School
MARJORIE ROLOFF, B.S., Principal of South Side School
HARRIETT ROSE, B.Mus., Supervisor of Vocal Music in Champaign Schools
ELMER W. ROWLEY, A.M., Teacher in Joliet Township High School
BESS MABEL SADDORIS, A.M., Teacher in Lincoln School (Urbana)
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)
MRS. HULAH B. SMITH, A.M., Teacher in Champaign Senior High School
MARTHA SMITH, Teacher in Leal School
BELLE VINA SOUTH, B.S., Principal of Hays School
LUCILE ADA STANSELL, A.M., Teacher in Champaign Senior High School
MRS. HELEN KISER STARK, M.S., Teacher in Champaign Senior High School
LEWIS STEPHENS, M.S., Supervisor of Physical Education in Urbana Schools
MARION STUART, M.S., Teacher in Champaign Senior High School
BEULAH HOPE SWIGART, Ph.D., Teacher in Champaign Senior 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
EVA WELLS, B.S., Teacher in South Side School
FLOSSIE WILEY, Principal of Leal School
SUSAN WOOD, A.M., Teacher in Urbana 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 Otolaryngology, 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 HAYES HESS, M.D., Professor of Pediatrics and Head of the Department
 HUGH ALISTER McGUIGAN, Ph.D., M.D., Professor of Pharmacology, Materia Medica, and Therapeutics, *Emeritus*
 WILLIAM HENRY WELKER, Ph.D., D.Sc., Professor of Physiological Chemistry and Head of the Department
 NELSON MORTIMER PERCY, M.D., Professor of Clinical Surgery
 FRANCIS EUGENE SENEAR, M.D., M.S., Professor of Dermatology and Head of the Department
 ADOLPH HARTUNG, M.D., Professor of Radiology
 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
 HENRY EUGENE IRISH, M.D., Professor of Pediatrics, *Emeritus*¹
 MAURICE LAMM BLATT, M.D., D.Sc., Professor of Pediatrics
 PAUL LOUIS SCHROEDER, B.S., M.D., Professor of Criminology, Social Hygiene, and Medical Jurisprudence, and Head of the Department; Professor of Psychiatry, in charge of Child Psychiatry; Superintendent of Institute for Juvenile Research²
 FRANCIS LOEFFLER LEDERER, B.S., M.D., Professor of Laryngology, Rhinology, and Otolaryngology, and Head of the Department²
 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 Therapeutics³
 WARREN HENRY COLE, B.S., M.D., Professor of Surgery and Head of the Department
 GEORGE EARLE WAKERLIN, Ph.D., M.D., Professor of Physiology and Head of the Department
 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

*The University Senate includes all University officers of full professorial rank and all others in charge of independent departments of instruction. For lists of Senate members in the Urbana departments, see page 16. Those who were formerly on the staff of Rush Medical College are indicated by "Rush" in their titles.

¹Deceased December 9, 1943.

²On leave of absence for war service.

³On leave of absence for four months beginning December 1, 1943.

- ARNOLD ALBERT ZIMMERMANN, D. è 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
 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
 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)
 JOHN CAREY CULBERTSON, A.B., M.D., Professor of Obstetrics and Gynecology (Rush), *Emeritus*
 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 Otology (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)¹
 WILLIAM FRANKLIN MONCREIFF, M.S., M.D., Professor of Ophthalmology (Rush)
 ALBERT HERR 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 Otology (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 SAPIIR, 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., Assistant Professor of Criminology, Social Hygiene, and Medical Jurisprudence, and Acting Head of the Department
 FRANK BRAZZIL KELLY, B.S., M.D., Professor of Medicine (Rush)
 JACOB MEYER, M.D., M.S., Professor of Medicine

¹On leave of absence for war service.

MILAN VACLAV NOVAK, Ph.D., M.D., Professor of Bacteriology and Public Health, and Acting 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., M.D., Professor of Medicine (Rush)
 WILLARD OWEN THOMPSON, A.B., M.D., Professor of Medicine (Rush)

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 Physiological Chemistry
 ISADORE PILOT, M.D., B.S., Associate Professor of Pathology, assigned to Medicine part time¹
 BENJAMIN GOLDBERG, M.D., Associate Professor of Medicine
 GEORGE WASHINGTON POST, JR., A.M., M.D., Associate Professor of Surgery²
 SAMUEL PERLSTEIN, M.D., Associate Professor of Medicine
 OSCAR EUGENE NADEAU, B.S., M.D., Associate Professor of Surgery¹
 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 Surgery¹
 FRANK B. LUSK, A.M., M.D., Associate Professor of Medicine¹
 ROBERT BRUCE MALCOLM, M.D., M.S., C.M., Associate Professor of Surgery
 LINDON SEED, M.D., M.S., Associate Professor of Surgery¹
 GÉZA DE TAKATS, M.D., M.Surg., Associate Professor of Surgery
 CHARLES BERNARD PUESTOW, M.D., Ph.D., Associate Professor of Surgery¹
 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 Pediatrics¹
 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
 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 Otology
 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)
 THOMAS DYER ALLEN, A.B., M.D., Associate Professor of Ophthalmology (Rush)
 AARON ARKIN, M.D., Ph.D., Associate Professor of Medicine (Rush)
 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)
 LEO KEMPF CAMPBELL, B.S., M.D., Associate Professor of Medicine (Rush)
 LOUIS THOMAS CURRY, B.S., M.D., Associate Professor of Laryngology, Rhinology, and Otology (Rush)
 FRANCIS LEO FORAN, M.S., M.D., Associate Professor of Medicine (Rush)

¹On leave of absence for war service.

²Deceased March 2, 1944.

- EARLE BLOODGOOD FOWLER, B.S., M.D., Associate Professor of Ophthalmology (Rush)
 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 Surgery¹
 ELEANOR ISABEL LESLIE, M.S., M.D., Associate Professor of Pediatrics (Rush)
 YALE NORMAN LEVINSOHN, 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)¹
 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)¹
 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)¹
 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)¹
 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)¹
 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
 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
 LADISLAS 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

¹On leave of absence for war service.

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 VANDER KLOOT, M.D., Assistant Professor of Medicine
- FRANK GEORGE MURPHY, B.S., M.D., Assistant Professor of Orthopaedic Surgery¹
- ARTHUR GIDEON COLE, Ph.D., Assistant Professor of Physiological Chemistry
- JACOB MORTON MORA, B.S., M.D., Assistant Professor of Surgery
- 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 Otolaryngology
- WALTER HENRY THEOBALD, B.S., M.D., Assistant Professor of Laryngology, Rhinology,
and Otolaryngology
- 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 Pathology¹
- 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 Officer¹
- FORD KIMMEL HICK, M.D., Ph.D., Assistant Professor of Medicine¹
- 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 Otolaryngology
- 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 Pathology¹
- 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. LIVVENDAHL, B.S., M.D., Assistant Professor of Obstetrics and Gynecology
- THEODORE JOHN WACHOWSKI, B.S., M.D., Assistant Professor of Radiology and As-
sistant Director and Chief of X-ray Therapy in the Outpatient Tumor Clinic
- HENRY OSCAR WERNICKE, A.B., M.D., Assistant Professor of Surgery²
- STANISLAUS ANDREW SZUREK, M.S., M.D., Assistant Professor of Psychiatry, assigned
to Criminology part time¹
- 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 Pediatrics¹
- HERBERT ELI MCDANIELS, Ph.D., Assistant Professor of Bacteriology and Public Health¹
- MINNIE OBOLER PERLSTEIN, B.S., M.D., Assistant Professor of Dermatology
- SOL ROY ROSENTHAL, M.D., Ph.D., Assistant Professor of Bacteriology and Public
Health¹
- HAROLD CHARLES LUETH, M.D., Ph.D., Assistant Professor of Medicine¹
- CLARENCE ALBERT JOHNSON, Ph.D., Assistant Professor of Physiological Chemistry
- ROBERT HENRY KREHBIEL, Ph.D., Assistant Professor of Anatomy
- 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 Health¹
- DAVID SOLOMON BELLIN, B.S., M.D., Assistant Professor of Radiology

¹On leave of absence for war service.²Resigned.

- 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)¹
 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)¹
 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)¹
 PAUL WEBB GREELEY, A.B., M.D., Assistant Professor of Surgery¹
 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)¹
 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)¹
 SIDNEY OLDER LEVINSON, B.S., M.D., Assistant Professor of Pediatrics
 MEYER RAY LICHTENSTEIN, B.S., M.D., Assistant Professor of Medicine (Rush)¹
 CLAYTON JACKSON LUNDY, M.S., M.D., Assistant Professor of Medicine (Rush)¹
 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 Surgery¹
 CHARLES DUSTIN PARKER, B.S., M.D., Assistant Professor of Urology (Rush)¹
 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)
 DAVID C. STRAUS, B.S., M.D., Assistant Professor of Surgery (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)¹
 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)¹
 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)¹
 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 Criminology¹
 MRS. ADELAIDE McFADYEN JOHNSON, Ph.D., M.D., Assistant Professor of Criminology
 MRS. BEULAH CHAMBERLAIN BOSSELMAN, A.B., M.D., Assistant Professor of Psychiatry

¹On leave of absence for war service.

- PAUL HENRY HOLINGER, M.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology
- JAMES RAYMOND KLEIN, Ph.D., Assistant Professor of Physiological Chemistry and of Psychiatry
- CLAUDE NEEDHAM LAMBERT, M.D., M.S., Assistant Professor of Orthopaedic Surgery¹
- MRS. IRENE CASE SHERMAN, Ph.D., M.D., Assistant Professor of Psychiatry
- DANELEY PHILIP SLAUGHTER, B.S., M.D., Assistant Professor of Surgery and Director of the Outpatient Tumor Clinic
- CARL OSCAR GOTTFRIED ALMQUIST, B.S., M.D., Assistant Professor of Surgery
- CRAIG DUNN BUTLER, B.S., M.D., Assistant Professor of Pediatrics (Rush)
- NOAH FOX, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology
- MAX KENNETH HORWITT, Ph.D., Assistant Professor of Physiological Chemistry
- BEN WILLIAM LICHTENSTEIN, M.D., M.S., Assistant Professor of Neurology
- GEORGE SHAYNIN LIVINGSTON, M.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology
- RANDOLPH FRANCIS OLMSTED, B.S., M.D., Assistant Professor of Surgery (Rush)¹
- JACOB PASKIND, M.D., Assistant Professor of Psychiatry
- BEN ZION RAPPAPORT, M.D., M.S., Assistant Professor of Medicine
- ISRAEL RONALD SONENTHAL, M.D., M.S., Assistant Professor of Psychiatry¹
- IRWIN G. SPIESMAN, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology
- FREDERICK CRIST LENDRUM, M.D., Ph.D., Assistant Professor of Medicine
- JOSEPH CYRUS RHEINGOLD, M.D., Ph.D., Assistant Professor of Psychiatry¹
- CARLO SALVADORE SCUDERI, M.D., Ph.D., Assistant Professor of Surgery¹
- ROBERT EDWARD LEE, M.S., M.D., Assistant Professor of Medicine and Health Officer
- FRANK WESLEY ALLIN, A.M., M.D., Assistant Professor of Pediatrics (Rush), *Emeritus*
- LEO E. AMTMAN, B.S., M.D., Assistant Professor of Medicine
- WILLIAM S. BOIKAN, M.D., M.S., Assistant Professor of Medicine
- SAMUEL B. BRODER, M.D., M.S., Assistant Professor of Psychiatry
- STUYVESANT BUTLER, Ph.B., M.D., Assistant Professor of Medicine (Rush)
- CHESTER WILLIAM DARROW, Ph.D., Assistant Professor of Criminology
- JOHN ALEXANDER GARDINER, A.M., B.M., Assistant Professor of Medicine (Rush)
- NORRIS JULIUS HECKEL, A.B., M.D., Assistant Professor of Urology (Rush)
- RAYMOND CLIFFORD INGRAHAM, Ph.D., Assistant Professor of Physiology
- AARON BAKER KENDRICK, Ph.D., Assistant Professor of Medicine
- JOSEPH HENRY KIEFER, B.S., M.D., Assistant Professor of Surgery
- FRANK THOMAS MAHER, Ph.D., Assistant Professor of Pharmacognosy and Pharmacology
- ALICE MCNEAL, B.S., M.D., Assistant Professor of Anaesthesia (Rush)
- JAMES WESLEY MERRICKS, JR., A.B., B.S., M.D., Assistant Professor of Urology (Rush)
- SAMUEL MORDECAI MORWITZ, B.S., M.D., Assistant Professor of Laryngology, Rhinology, and Otology
- MORRIS LOUIS PARKER, B.S., M.D., Assistant Professor of Surgery
- ARTHUR SOPHUS JUUL PETERSEN, B.S., M.D., Assistant Professor of Radiology
- JOHN TODD REYNOLDS, M.D., M.S., Assistant Professor of Surgery
- SAMUEL HENRY ROSENBLUM, B.S., M.D., Assistant Professor of Medicine
- VIRGIL RAY STEPHENS, M.S., M.D., Assistant Professor of Surgery
- IRVING TREIGER, B.S., M.D., Assistant Professor of Medicine (Rush)
- FREDERICK STEIGMANN, M.D., M.S., Assistant Professor of Medicine

Associates

- SOLOMON MAXWELL GOLDBERGER, M.D., Associate in Pediatrics¹
- LOUIS SENDER ROBINS, R.Ph., B.S., M.D., Associate in Pediatrics²
- ERNEST A. BREDLAU, M.D., Associate in Laryngology, Rhinology, and Otology
- MOSES GOLDWASSER, M.D., Associate in Medicine
- DIETRICH KLEMPFNER, M.D., Associate in Medicine
- ISRAEL BECKER, B.S., M.D., Associate in Medicine
- WILLIAM A. MARSHALL, B.S., M.D., Associate in Orthopaedic Surgery

¹On leave of absence for war service.

²On leave of absence for the year.

PERRY JULIUS MELNICK, M.D., Ph.D., Associate in Pathology¹
 SAMUEL HENRY KRAINES, B.S., M.D., Associate in Psychiatry¹
 RAYMOND GREEN, B.S., M.D., Associate in Surgery
 MELVIN LOUIS AFREMOW, M.S., M.D., Associate in Medicine¹
 WILLIAM CARL BECK, A.B., M.D., Associate in Surgery¹
 JOHN TALBOT GERSON, M.D., M.S., Associate in Urology
 EDWARD J. HORICK, B.S., M.D., Associate in Ophthalmology
 CLARENCE WILLARD KLASSEN, B.S., Associate in Bacteriology and Public Health¹
 COLQUITT OTIS RITCH, B.S., M.D., Associate in Urology
 GUSTAVE FRANKEL WEINFELD, M.D., Associate in Criminology¹
 WESLEY AXEL GUSTAFSON, M.D., Associate in Neurological Surgery¹
 ROBERT MOORE JONES, A.B., M.D., Associate in Medicine¹
 ALFRED CAMPBELL LEDOUX, M.D., Associate in Radiology¹
 JOHN FRANCIS PICK, M.Mus., B.S., M.D., Associate in Surgery¹
 ROY OTIS RISER, B.S., M.D., Associate in Ophthalmology
 NORMAN BRIDGE ROBERG, A.B., M.D., Associate in Medicine¹
 FREDERICK WILLIAM SCHACHT, M.S., M.D., Associate in Urology
 HOWARD ZEITLIN, M.D., M.S., Associate in Psychiatry
 NOAH DANIEL FABRICANT, M.D., M.S., Associate in Laryngology, Rhinology, and Otolaryngology
 WILLIAM KENNETH FORD, M.D., Associate in Dermatology¹
 LOUIS JOSEPH HALPERN, B.S., M.D., Associate in Pediatrics
 DAVID SMEATON JAFFRAY, B.S., M.D., Associate in Surgery¹
 HENRY CHASKELL SCHORR, B.S., M.D., Associate in Dermatology
 DUANE D. DARLING, B.S., M.D., Associate in Medicine
 ESTHER MEYER, Ph.G., M.S., Associate in Bacteriology and Public Health
 GEORGE HENRY REZEK, M.D., M.S., Associate in Obstetrics and Gynecology
 HAROLD SHELLOW, B.S., M.D., Associate in Dermatology¹
 JOHN ROBERT WOLFF, M.D., M.S., Associate in Obstetrics and Gynecology
 ABE LOUIS AARONSON, M.D., M.S., Associate in Medicine¹
 CHARLES MELVILLE BACON, B.S., M.D., Associate in Medicine (Rush)
 THOMAS ADDISON BAIRD, B.S., M.D., Associate in Medicine (Rush)
 EVAN MANSFIELD BARTON, A.B., M.D., Associate in Medicine (Rush)¹
 JOSEPH ROGER BENNETT, A.B., M.D., Associate in Medicine (Rush)¹
 MAX BERG, M.D., Ph.D., Associate in Pathology¹
 ARTHUR BERNSTEIN, B.S., M.D., Associate in Medicine¹
 MELVIN FRANK OTTO BLAUROCK, M.D., M.S., Associate in Psychiatry¹
 MICHAEL HENRY BOLEY, B.S., M.D., Associate in Obstetrics and Gynecology (Rush)
 HERBERT CHARLES BREUHAUS, B.S., M.D., Associate in Medicine (Rush)¹
 STANLEY BROWNSTEIN, B.S., M.D., Associate in Medicine (Rush)¹
 EDWIN J. DECOSTA, B.S., M.D., Associate in Obstetrics and Gynecology (Rush)¹
 JUSTIN MARTIN DONEGAN, M.D., Associate in Ophthalmology (Rush)
 CECIL CHARLES DRAA, B.S., M.D., Associate in Obstetrics and Gynecology (Rush)¹
 JOSEPH STEPHEN DRABANSKI, B.S., M.D., Associate in Urology¹
 IRVING DREYER, M.S., M.D., Associate in Medicine¹
 STANTON ABELES FRIEDBERG, A.B., M.D., Associate in Laryngology, Rhinology, and Otolaryngology (Rush)¹
 MAX P. GETHNER, M.D., Associate in Medicine (Rush)
 WILLIS E. GOUWENS, Ph.D., M.D., Associate in Medicine (Rush)
 HARRY GODFREY HARDT, Ph.G., M.D., Associate in Neurology (Rush)
 C. JACK HARRISON, M.D., Associate in Pediatrics (Rush)¹
 GEORGE FIELDING HIBBERT, M.D., M.S., Associate in Obstetrics and Gynecology
 HAROLD MARK HOOVER, B.S., M.D., Associate in Medicine
 MORRIS AARON KAPLAN, M.S., M.D., Associate in Medicine¹
 WILLIAM JAMES KIRBY, B.S., M.D., Associate in Medicine (Rush)¹
 ROSS STANLEY LANG, A.M., M.D., Associate in Medicine (Rush)
 VERNON MAYNE LEECH, M.D., Associate in Ophthalmology (Rush)
 HERMAN ABRAHAM LEVY, B.S., M.D., Associate in Medicine
 MATHEW LEWISON, B.S., M.D., Associate in Pediatrics (Rush)
 HERMAN LOUIS MISHKIN, B.S., M.D., Associate in Surgery¹

¹On leave of absence for war service.

MAHLON PHELPS PALMER, A.B., M.D., Associate in Ophthalmology
 PHILIP LESLIE PETERSON, A.B., M.D., Associate in Medicine (Rush)¹
 AGNES ARMINDA SHARP, Ph.D., Associate in Psychiatry (Rush)
 NOEL GARNET SHAW, A.B., M.D., Associate in Pediatrics (Rush)
 CHARLES ARTHUR SIMA, M.D., Associate in Medicine (Rush)
 MAURICE SIMKIN, B.S., M.D., Associate in Medicine (Rush)
 WILLIAM SIMKIN, B.S., M.D., Associate in Medicine (Rush)
 LINCOLN STULIK, B.S., M.D., Associate in Obstetrics and Gynecology (Rush)¹
 GEORGE WILLIAM STUPPY, Ph.D., M.D., Associate in Medicine (Rush)¹
 SAMUEL GALE TAYLOR, III, A.B., M.D., Associate in Medicine (Rush)
 WALTER WILLIAM TOBIN, A.B., M.D., Associate in Dermatology (Rush)¹
 GEORGE C. TURNER, B.S., M.D., Associate in Medicine (Rush)¹
 JAMES RANDOLPH WEBSTER, B.S., M.D., Associate in Dermatology (Rush)¹
 JOHN JOSEPH ZAVERTNIK, B.S., M.D., Associate in Pediatrics (Rush)
 HARRY OLIVER MARYAN, M.D., M.S., Associate in Obstetrics and Gynecology
 JEROME FRANK STRAUSS, B.S., M.D., Associate in Laryngology, Rhinology, and Otolaryngology
 MARION LANGDON MASON, A.B., Associate in Medical Illustration
 MAURICE FRANZ SNITMAN, B.M., Associate in Laryngology, Rhinology, and Otolaryngology
 ARTHUR JETHRO COOMBS, A.B., M.D., Associate in Laryngology, Rhinology, and Otolaryngology
 AUGUST FIORE DARO, M.D., Associate in Obstetrics and Gynecology¹
 ARTHUR ELMORE DIGGS, A.B., M.D., Associate in Surgery (Rush)¹
 EGBERT HOWARD FELL, A.B., M.D., Associate in Surgery (Rush)¹
 WALTER RATHFON FISCHER, B.S., M.D., Associate in Orthopaedic Surgery
 RICHARD KENNEDY GILCHRIST, B.S., M.D., Associate in Surgery (Rush)¹
 EVERETT ARTHUR GRIMMER, D.D.S., Associate in Orthopaedic Surgery
 JOHN W. HARNED, B.S., M.D., Associate in Laryngology, Rhinology, and Otolaryngology¹
 LEO FREDERICK MILLER, B.S., M.D., Associate in Orthopaedic Surgery¹
 JOHN HURST OLWIN, A.B., M.D., Associate in Surgery (Rush)¹
 EDWARD A. PISZCZEK, B.S., M.D., M.P.H., Associate in Bacteriology and Public Health
 ALCIDE LOUIS ROSI, B.S., M.D., Associate in Surgery (Rush)¹
 WILLARD CAMERON SHEPARD, Associate in Medical Illustration (Rush)
 MARVIN SUKOV, A.B., M.D., Associate in Criminology¹
 PHILIP THOREK, B.S., M.D., Associate in Surgery
 HORACE EDWARD TURNER, B.S., M.D., Associate in Orthopaedic Surgery
 ZAKARIAS JOHN ORDAL, Ph.D., Associate in Bacteriology and Public Health
 JOHN PETERS, M.D., Associate in Medicine
 MAX MALCOLM MONTGOMERY, M.D., M.S., Associate in Medicine¹
 MILTON LEVINE, Ph.D., Associate in Bacteriology and Public Health²
 JAMES CLARENCE PLAGGE, Ph.D., Associate in Anatomy
 BRUNO BLUMKLOTZ, M.D., Associate in Laryngology, Rhinology, and Otolaryngology
 GEORGE CHARLES COE, B.S., M.D., Associate in Medicine
 ROBERT DINOLT, M.D., Associate in Laryngology, Rhinology, and Otolaryngology
 JOHN MICHAEL DORSEY, B.S., M.D., Associate in Surgery (Rush)
 JACOB WARREN FISCHER, B.S., M.D., Associate in Medicine
 ESTHER FRANKEL, M.D., Associate in Medicine (Rush)
 FRANCIS WILLIAM HETREED, B.S., M.D., Associate in Dermatology (Rush)¹
 JERRY RUDOLPH HORA, B.S., M.D., Associate in Criminology
 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 Criminology, Social Hygiene,
 and Medical Jurisprudence, and Lecturer in Medical Jurisprudence
 JOHN EUGENE LOTSPIECH, B.S., M.D., Associate in Surgery
 BENJAMIN PEARLMAN, B.S., M.D., Associate in Medicine
 JOHN VAN PROHASKA, B.S., M.D., Associate in Surgery
 HENRY RICEWASSER, A.B., B.S., M.D., Associate in Medicine¹
 HARVEY CORNELIUS ROLL, B.S., M.D., Associate in Dermatology
 FREDERICK JOHN ROOS, M.D., Associate in Obstetrics and Gynecology
 STEVEN OTTO SCHWARTZ, B.S., M.D., Associate in Medicine
 HARRY SERED, M.D., Associate in Obstetrics and Gynecology
 LAWRENCE TEMPLETON, Ph.C., M.S., Associate in Pharmacy

¹On leave of absence for war service.²Resigned.

MRS. MARIE WESSELS, A.B., B.S., M.D., Associate in Medicine
 JAMES LISLE WILLIAMS, A.M., M.D., Associate in Medicine (Rush)
 ANNA RUTH BENJAMIN, A.B., M.D., Associate in Criminology
 JAMES MADISON DILLE, Ph.D., Associate in Physiology

Lecturers

MAJOR HENRY WORTHINGTON, M.D., Lecturer in Hospital Organization and Administration, Superintendent of the Research and Educational Hospital, and Superintendent of the Outpatient Department¹
 RODNEY HOWE BRANDON, Lecturer in Public Welfare Administration
 LOYD HIRAM ZIEGLER, A.M., M.D., Lecturer in Psychiatry
 LAWRENCE JOSEPH LINCK, M.S., Lecturer in Public Administration and Director of the Division of Services for Crippled Children

Instructors

NORBERT PAUKER, B.S., M.D., Instructor in Pediatrics
 EMIL JAMES STEIN, M.D., Instructor in Anatomy²
 ALFONS ROSTHORN BACON, B.S., M.D., Instructor in Obstetrics and Gynecology
 MAT BLOOMFIELD, B.S., M.D., Instructor in Obstetrics and Gynecology
 JOHN ANTHONY SULDANE, M.D., Instructor in Pediatrics
 MAX ELEAZER FISCH, M.S., M.D., Instructor in Anatomy
 EUGENE GROSZ, M.D., Instructor in Medicine
 JULIUS A. GURVEY, B.S., M.D., Instructor in Medicine²
 CHARLES OTIS SMITH, A.B., B.S., M.D., Instructor in Obstetrics and Gynecology²
 REUBEN ISADORE KLEIN, M.S., M.D., Instructor in Pediatrics, assigned to Pathology part time
 JOHN CHARLES McMILLAN, JR., B.S., M.D., Instructor in Medicine²
 CECIL DAVID BROWN, B.S., M.D., Instructor in Surgery²
 EMANUEL PADNOS, B.S., M.D., Instructor in Pediatrics
 CLARA DEBORAH TIGAY, A.B., M.D., Instructor in Pediatrics
 ARTHUR ABRAHAM HALEVY, M.D., Instructor in Surgery²
 MARVIN GEORGE FLANNERY, A.B., B.S., M.D., Instructor in Surgery²
 DAVID HOWARD WAGNER, M.D., M.S., Instructor in Surgery²
 HENRY PICKETT DORMAN, Ph.D., M.D., Instructor in Medicine
 WILLIAM STANLEY TIMBLIN, B.S., M.D., Instructor in Medicine
 SOL M. ABELSON, B.S., M.D., Instructor in Pediatrics²
 JACOB JOSEPH BARATZ, B.S., M.D., Instructor in Pediatrics²
 ROOSEVELT BROOKS, M.D., Instructor in Ophthalmology
 JOSEPHINE MARION DYNIEWICZ, Ph.C., Instructor in Pharmacology, Materia Medica, and Therapeutics
 RUDOLPH HECHT, M.S., M.D., Instructor in Dermatology²
 RALPH SPAETH, A.B., M.D., Instructor in Pediatrics
 IRVING ELIHU STECK, M.S., M.D., Instructor in Medicine²
 EDWARD CHARLES BERNELL, M.S., M.D., Instructor in Obstetrics and Gynecology²
 BRANTLEY METTAUER JOHNSON, M.D., Instructor in Radiology
 PAUL R. GRIFFITH, A.B., M.D., Instructor in Dermatology²
 ALBERT HENRY ANDREWS, JR., M.S., M.D., Instructor in Laryngology, Rhinology, and Otolaryngology²
 EMANUEL JOSHUA FEINHANDLER, B.S., M.D., Instructor in Medicine²
 MRS. MARTHA RUBIN FOLK, M.D., Instructor in Ophthalmology
 VINCENT CHARLES FREDA, B.S., M.D., Instructor in Obstetrics and Gynecology
 CECIL CLAUDE HARVEY, Ph.D., Instructor in Physiological Chemistry
 JOSEPH G. SCHIOLMAN, A.B., M.D., Instructor in Laryngology, Rhinology, and Otolaryngology²
 MAURICE LEV, B.S., M.D., Instructor in Pathology²
 NORMAN SHURE, M.D., M.S., Instructor in Medicine²
 PAUL LINCOLN BEDINGER, M.D., M.S., Instructor in Medicine²
 CLAIR MARTIN CAREY, B.S., M.D., Instructor in Obstetrics and Gynecology
 JOSEPH CHARLES EHRLICH, M.D., M.S., Instructor in Medicine²
 ELDRED KENNETH MUSSON, M.D., M.P.H., Instructor in Bacteriology and Public Health²

¹Deceased February 27, 1944.

²On leave of absence for war service.

IRENE NEUHAUSER, B.S., M.D., Instructor in Dermatology
 JEROME THOMAS PAUL, M.D., M.S., Instructor in Medicine
 MRS. FRANCES CRANDELL PERCE, M.S., Instructor in Criminology, Social Hygiene, and Medical Jurisprudence
 HANS PHILIPP POPPER, M.D., Ph.D., Instructor in Pathology
 IRVING BERNARD RICHTER, B.S., M.D., Instructor in Pediatrics¹
 MORRIS WAISMAN, M.D., M.S., Instructor in Dermatology¹
 EDMUND NELSON WALSH, B.S., M.D., Instructor in Dermatology¹
 CARL EDWARD CAHN-BRONNER, M.D., Instructor in Pathology
 EDWARD GEORGE TATGE, B.S., M.D., Instructor in Medicine
 HARRY J. FOURNIER, M.D., Instructor in Anatomy
 CARL HELGE M. JANSON, B.S., M.D., Instructor in Medicine (Rush)
 HUGO CARL BAUM, B.S., M.D., Instructor in Obstetrics and Gynecology (Rush)¹
 FRANK WICKES BLATCHFORD, JR., A.B., M.D., Instructor in Medicine (Rush)¹
 ZACHARY A. BLIER, M.S., M.D., Instructor in Medicine (Rush)¹
 IAN HUBERT BOND, A.B., B.S., M.D., Instructor in Obstetrics and Gynecology (Rush)¹
 RAYMOND FRANCIS CARMODY, B.S., M.D., Instructor in Ophthalmology (Rush)
 CYRIL VINCENT CRANE, B.S., M.D., Instructor in Ophthalmology (Rush)¹
 FRANK ALEXANDER DeTRANA, M.D., Instructor in Medicine
 WILLARD G. DEYOUNG, B.S., M.D., Instructor in Medicine (Rush)
 SAMUEL IRWIN DITKOWSKY, B.S., M.D., Instructor in Medicine¹
 DAVID EDWIN ENGLE, M.D., M.S., Instructor in Medicine¹
 WOLF ZACHARY FELSHER, M.D., Instructor in Medicine (Rush)
 JACOB S. FISHMAN, M.D., Instructor in Medicine (Rush)¹
 JACOB ABRAHAM GLASSMAN, M.D., M.S., Instructor in Anatomy¹
 RUDOLPH J. HENNEMEYER, M.D., Instructor in Medicine (Rush)
 CATHARINE ELIZABETH LOGAN, A.B., M.D., Instructor in Medicine (Rush)
 ALBERT ANGELO LOVERDE, B.S., M.D., Instructor in Medicine (Rush)¹
 JOHN PATRICK JOSEPH MILROY, Ph.B., B.S., M.D., Instructor in Medicine (Rush)
 EDWIN FRANK NECKERMANN, B.S., M.D., Instructor in Medicine (Rush)
 BERTRAM GRIFFITH NELSON, B.S., M.D., Instructor in Medicine (Rush)¹
 DAVID VERMONT OMENS, M.D., Instructor in Dermatology (Rush)
 JOHN POST, B.S., M.D., Instructor in Medicine (Rush)¹
 THEODORE FERDINAND REUTHER, M.D., M.S., Instructor in Surgery¹
 LOUIS SAVITT, M.D., Instructor in Laryngology, Rhinology, and Otology
 KARL JOHN SCHERIBEL, B.S., M.D., Instructor in Ophthalmology (Rush)
 ARMIN FREDERICK SCHICK, B.S., M.D., Instructor in Medicine (Rush)¹
 FRED SHAPIRO, B.S., M.D., Instructor in Orthopaedic Surgery (Rush)¹
 JOHN D. SINGER, B.S., M.D., Instructor in Medicine¹
 EDWARD A. SKOLNIK, M.D., Instructor in Dermatology (Rush)
 EVERETT LEE STROHL, M.D., M.S., Instructor in Surgery¹
 JAROSLAV TETREV, B.S., M.D., Instructor in Medicine (Rush)¹
 SAMUEL JULIUS TURNER, B.S., M.D., Instructor in Obstetrics and Gynecology (Rush)¹
 JOHN EDWARD TYSSELL, B.S., M.D., Instructor in Medicine (Rush)¹
 LOUIS STEPHEN VARZINO, B.S., M.D., Instructor in Orthopaedic Surgery (Rush)¹
 JOHN WILLIAM WALL, B.S., M.D., Instructor in Laryngology, Rhinology, and Otology¹
 SEYMOUR WILLIAM WEISBERG, B.S., M.D., Instructor in Medicine
 THEODORA WHEELER, A.B., M.D., Instructor in Psychiatry (Rush)
 CARL FRANK PALUMBO, B.S., M.D., Instructor in Medicine¹
 MILTON MITCHELL MOSKO, B.S., M.D., Instructor in Medicine¹
 COYE CARLTON MASON, B.S., M.D., Instructor in Pathology
 EMMETT DANIEL WALL, B.S., M.D., Instructor in Medicine¹
 CRAIG WYNNE GOODWIN, B.S., Instructor in Psychiatry
 HAROLD ANTHONY GRIMM, B.S., M.D., Instructor in Pathology¹
 EDWARD ERNEST VICHER, M.S., Instructor in Bacteriology and Public Health¹
 OSCAR JACOB BECKER, M.D., Instructor in Laryngology, Rhinology, and Otology
 WILLIS GLEASON DIFFENBAUGH, B.S., M.D., Instructor in Surgery¹
 JOSEPH DAVIS FARRINGTON, A.B., M.D., Instructor in Orthopaedic Surgery¹
 LOUIS FEINBERG, B.S., M.D., Instructor in Laryngology, Rhinology, and Otology¹
 DORA FISHBACK, Ph.D., M.D., Instructor in Criminology, Social Hygiene, and Medical Jurisprudence

¹On leave of absence for war service.

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 Medicine¹
 HARRY NICK PETRAKOS, B.S., M.D., Instructor in Medicine
 HAROLD ALAN ROTH, A.B., B.S., M.D., Instructor in Surgery¹
 HERBERT JULIUS SCHMIDT, M.D., Instructor in Orthopaedic Surgery
 WILLIAM ROBERT SLADEK, B.S., M.D., Instructor in Medicine¹
 ALBERT H. SLEPYAN, B.S., M.D., Instructor in Dermatology¹
 BORIS URY, M.S., M.D., Instructor in Psychiatry
 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 Surgery¹
 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
 BYRL E. BENTON, M.S., Instructor in Pharmacy
 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
 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
 WILLIAM HENRY WRIGHT, B.S., M.D., Instructor in Orthopaedic Surgery²
 JOSEPH GALE, B.S., M.D., Instructor in Laryngology, Rhinology, and Otolgy
 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
 ERNEST ANTHONY STRAKOSCH, M.D., Ph.D., Instructor in Dermatology
 ANITA ESTHER RAPOPORT, M.D., M.S., Instructor in Anaesthesia
 JOHN JAMES FAHEY, M.D., Instructor in Orthopaedic Surgery
 ISABEL MARCH, B.S., O.T.R., Instructor in Occupational Therapy

Assistants

ADELINE RAWSON WHITE, B.S., M.D., Assistant in Anatomy, *Emerita*
 HOWARD JACK LEVINE, B.S., M.D., Assistant in Medicine¹
 BERNARD SKORODIN, M.D., M.S., Assistant in Psychiatry
 LOUIS EDIDIN, B.S., M.D., Assistant in Medicine
 RAYMOND ELMER SORENSEN, B.S., M.D., Assistant in Urology¹
 RICHARD ARTHUR MATTHIES, B.S., M.D., Assistant in Surgery
 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 Otolgy¹
 MRS. FRANCES CREEKMUR WHITCOMB, M.S., Assistant in Pathology
 ALF J. HOLM, A.B., M.D., Assistant in Urology¹
 SALVATORE ANTHONY DIMICELI, B.S., M.D., Assistant in Medicine¹
 JOHN O. HANSON, B.S., M.D., Assistant in Surgery¹
 BEN GERALD FISHKIN, A.B., M.D., Assistant in Pathology¹
 EUGENE GETTELMAN, B.S., M.D., Assistant in Pediatrics¹
 ABRAHAM ALVIN WOLF, B.S., M.D., Assistant in Pediatrics¹
 LEWIS JAMES ROSSITER, A.B., Assistant in Obstetrics and Gynecology and in Surgery
 FRANK CHARLES HOFRICHTER, B.S., M.D., Assistant in Surgery¹

¹On leave of absence for war service.

²Resigned.

- DAVID KLEIMAN, B.S., M.D., Assistant in Medicine¹
 JOHN KENNETH SOKOL, A.B., M.D., Assistant in Urology¹
 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 Medicine¹
 LAWRENCE BRESLOW, A.B., M.D., Assistant in Pediatrics¹
 ANNE BOHNING, A.B., M.D., Assistant in Pediatrics (Rush)
 MRS. CATHERINE LINDSAY DOBSON, B.S., M.D., Assistant in Obstetrics and Gynecology
 EDWARD GRAHAM EVANS, B.S., M.D., Assistant in Obstetrics and Gynecology¹
 ANTON F. FEHR, M.D., Assistant in Surgery (Rush)
 JOHN WESLEY FOSTER, A.B., LL.B., M.D., Assistant in Medicine (Rush)¹
 REUBEN B. GAINES, A.B., M.D., Assistant in Urology (Rush)¹
 KEMPTON L. GERMAN, A.B., M.D., Assistant in Urology (Rush)¹
 MYRON WILLARD LARSON, B.S., M.D., Assistant in Medicine (Rush)¹
 NOAH BERNARD LEVIN, B.S., M.D., Assistant in Medicine (Rush)¹
 CLARENCE WEBSTER MONROE, B.S., M.D., Assistant in Surgery (Rush)¹
 EURIPIDES NITTIS, M.D., Assistant in Surgery (Rush)
 WILLIAM JAMES NOLAN, M.D., Assistant in Psychiatry (Rush)
 HAROLD DONALD OMENS, M.D., Assistant in Dermatology (Rush)
 THADDEUS ALOYSIUS POREMSKI, B.S., M.D., Assistant in Urology¹
 THEODORE STANLEY PROUD, A.B., M.D., Assistant in Medicine (Rush)
 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 Psychiatry¹
 NORMAN TURNER WELFORD, M.D., Assistant in Pediatrics (Rush)¹
 JOSEPHINE MIRIAM CHAPIN, A.B., M.D., Assistant in Psychiatry (Rush)
 JAMES ROBERT WEIR, B.S., Assistant in Physiology²
 HARDIN EDWARD COEN, B.S., M.D., Assistant in Medicine¹
 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 Medicine¹
 WOODROW GLEN MOSS, A.B., Assistant in Physiology²
 KENNETH CARL ROBBINS, M.S., Assistant in Physiological Chemistry
 JOSEPH FLORENCE, M.D., Assistant in Medicine¹
 GEORGE JOSEPH BREBIS, M.S., M.D., Assistant in Medicine¹
 HARVEY CHENAULT, M.D., Assistant in Neurology and Neurological Surgery¹
 CLIFFORD HENRY PETERS, B.S., M.D., Assistant in Medicine¹
 LAWRENCE WILLIAM PETERSON, B.S., M.D., Assistant in Surgery
 JACK LEAHY RICHARDSON, M.D., Assistant in Orthopaedic Surgery
 WILLIAM PORTER SWISHER, B.S., M.D., Assistant in Medicine¹
 ROGER ALAN VAN ATTA, B.S., M.D., Assistant in Ophthalmology¹
 GEORGE DANIEL KAISER, B.S., M.D., Assistant in Surgery
 MILTON L. GOLDBERG, M.D., M.S., Assistant in Physiology
 MRS. ANNA LACY BERGSCHNEIDER, M.S., Assistant in Bacteriology and Public Health²
 JEROME SALLAN BEIGLER, A.B., M.D., Assistant in Psychiatry¹
 SOL J. BENENSOHN, B.S., M.D., Assistant in Obstetrics and Gynecology
 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 Surgery¹
 EDWARD THOMAS DRISCOLL, Ph.B., M.D., Assistant in Orthopaedic Surgery¹
 HUGH WILLIAM GAROL, A.B., M.D., Assistant in Neurology and Neurological Surgery¹
 JOHN RAYMOND GREEN, B.S., M.D., Assistant in Neurology and Neurological Surgery¹
 RUSSELL CLARENCE HANSELMAN, A.B., M.D., Assistant in Surgery (Rush)¹
 GROVER DONALD ICENOGLI, B.S., M.D., Assistant in Medicine²
 MILDRED RANNEY JACKSON, M.S., M.D., Assistant in Pediatrics
 JEROME JACK LUBIN, B.S., M.D., Assistant in Medicine¹
 BARNEY MALBIN, A.B., M.D., Assistant in Medicine (Rush)¹
 MRS. VIRGINIA KIPKE PIERCE, B.S., M.D., Assistant in Obstetrics and Gynecology
 JACOB RUBIN, M.D., Assistant in Medicine (Rush)

¹On leave of absence for war service.²Resigned.

- MRS. SOPHIE SCHROEDER SLOMAN, B.S., M.D., Assistant in Criminology, Social Hygiene, and Medical Jurisprudence
- CHARLES HENRY STUBENRAUCH, JR., B.S., M.D., 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 and Gynecology
- FRANK JOSEPH CERNY, B.S., M.D., Assistant in Ophthalmology
- MARGARET HIE-DING LIN, A.M., M.D., Assistant in Surgery
- STEPHEN WILLIAM SUKUMLYN, M.D., Assistant in Ophthalmology
- ERWIN ANGRES, M.D., Assistant in Criminology, Social Hygiene, and Medical Jurisprudence
- HARRY COTELL, B.S., M.D., Assistant in Medicine
- SOL THERON DELEE, M.S., M.D., Assistant in Obstetrics and Gynecology
- HAROLD HARRY DUBNER, M.D., Ph.D., Assistant in Criminology, Social Hygiene, and Medical Jurisprudence
- ASHLEY MOSS BRAND, B.S., M.D., Assistant in Obstetrics and Gynecology
- RALPH MARVIN DORNE, B.S., M.D., Assistant in Ophthalmology¹
- LOUIS LAMS, A.B., M.D., Assistant in Neurology
- HARRY SHUGER, B.S., M.D., Assistant in Medicine
- CHARLES SHERIDAN TEXTOR, II, M.S., M.D., Assistant in Surgery (Rush)¹
- MOREY CHAPMAN, B.S., M.D., Assistant in Medicine¹
- 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)¹
- KAM SUNG TOM, B.S., M.D., Assistant in Obstetrics and Gynecology
- HARRY PEPPER MAXWELL, B.S., M.D., Assistant in Neurology and Neurological Surgery
- KHACHER HORSAP TUTUNJIAN, A.B., M.D., Assistant in Psychiatry
- MRS. MURIEL HARDEN SVEC, M.S., Assistant in Bacteriology and Public Health
- NATALIE GOLDWASSER ALTMAN, A.B., Research Assistant in Psychiatry
- MRS. MARTHE LOYSON GASSMAN, 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 Otology
- 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
- ROSE FROMM, B.S., M.D., Assistant in Psychiatry
- MRS. VIVIAN NOSKIN GERBER, B.S., Assistant in Bacteriology and Public Health
- HOWARD HARLEY HAMLIN, A.B., B.S., M.D., Assistant in Surgery (Rush)
- ESLIE HARTMAN, A.B., M.D., Assistant in Medicine
- MAURICE MICHAEL HOELTGEN, B.S., M.D., Assistant in Laryngology, Rhinology, and Otology
- BURTON CONWELL KILBOURNE, M.D., Assistant in Surgery
- VIRGINIA LINDHOLM, Research Assistant in Psychiatry
- HENRY GEORGE LONSDALE, M.D., Assistant in Neurology
- ROBERT EDGAR MARTIN, M.D., Assistant in Radiology
- STISCIE STELLA MIZENBERG, B.S., Assistant in Pediatrics
- KARL HARRY PRIBRAM, B.S., M.D., Assistant in Neurological Surgery
- 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
- ENOCH MORGAN BRYAN, M.D., Assistant in Anaesthesia²
- 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
- LEONA VERA HAUTAU, M.S., Assistant in Nutrition²
- WILLIAM SAUL KROGER, B.S., M.D., Assistant in Obstetrics and Gynecology

¹On leave of absence for war service.²Resigned.

GISELA JEANETTE KRONENBERG, Research Assistant in Psychiatry
 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., Assistant in Medicine
 RAYMOND ROBERT RIVARD, B.S., M.D., Assistant in Ophthalmology
 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)
 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
 PAUL HERMAN WELCKER, M.D., Assistant in Ophthalmology
 MRS. LEAH FISHER, B.S., M.D., Assistant in Medicine
 HARRY KAELL, B.S., M.D., Assistant in Anatomy
 SALVADORE ALPHONSO LASK, B.S., M.D., Assistant in Surgery

COLLEGE OF DENTISTRY

Professors*

HOWARD MITCHELL MARJERISON, D.M.D., D.Sc., Professor of Dentistry and 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*
 FREDERICK BROWN MOOREHEAD, D.D.S., M.D., M.S., Professor of Oral Surgery and Head of the Department of Oral and Plastic Surgery
 GEORGE WALTER DITTMAR, 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 HAYES HESS, M.D., Professor of Pediatrics and Head of the Department in the College of Medicine
 WILLIAM HENRY WELKER, Ph.D., D.Sc., Professor of Physiological 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
 ADOLPH HARTUNG, M.D., Professor of Radiology
 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
 ALLAN GIBSON BRODIE, D.D.S., Ph.D., Professor of Orthodontia and Head of the Department
 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 Therapeutics¹
 ISAAC SCHOUR, D.D.S., Ph.D., D.Sc., Professor of Histology and Head of the Department
 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

*Members of the University Senate (see also pages 44 and 61).

¹On leave of absence for four months beginning December 1, 1943.

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
 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 Acting Head of the Department

Associate Professors

OLAF BERGEIM, Ph.D., Associate Professor of Physiological Chemistry
 ISADORE PILOT, M.D., B.S., Associate Professor of Pathology, assigned to Medicine part time¹
 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
 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
 DEAN ALBERT COLLINS, Ph.D., M.D., Associate Professor of Physiology
 HAROLD CARL WIGGERS, Ph.D., Associate Professor of Physiology

Assistant Professors

ROBERT LEON LADD, M.D., M.S., Assistant Professor of Pathology
 ARTHUR GIDEON COLE, Ph.D., Assistant Professor of Physiological 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 Pathology¹
 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
 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 Hospital
 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 Officer¹
 FRANK FOLBERT KANTHAK, B.S., D.D.S., M.D., Assistant Professor of Oral Surgery and Head of the Medico-Dental Diagnostic Clinic²
 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 Physiological 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)

¹On leave of absence for war service.

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

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 BASIC, 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
 ZAKARIAS JOHN ORDAL, Ph.D., Associate in Bacteriology and Public Health
 EDWARD HARRY RAGAN, B.S., D.D.S., Associate in Prosthetic Dentistry
 JAMES MADISON DILLE, Ph.D., Associate in Physiology

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 Anatomy¹
 DAVID BERMAN, D.D.S., M.S., Instructor in Applied Materia Medica and Therapeutics
 CECIL CLAUDE HARVEY, Ph.D., Instructor in Physiological Chemistry
 JOHN MONROE SPENCE, D.D.S., M.S., Instructor in Histology and in Dentistry for
 Children¹
 FRED HERZBERG, D.D.S., M.S., Instructor in Oral Anatomy¹
 VICTOR HUGO DIETZ, D.D.S., M.S., Instructor in Operative Dentistry¹
 JACOB ABRAHAM GLASSMAN, M.D., M.S., Instructor in Anatomy¹
 JAMES ALBERT GAGNON, B.S., D.D.S., Instructor in Histology
 PAUL BRIAN BASS, Ph.G., D.D.S., Instructor in Oral and Plastic Surgery
 CECIL WALDEMAR FORSLUND, D.D.S., Instructor in the Admitting Clinic
 MAX GRATZINGER, M.D., D.D.S., Instructor in Applied Materia Medica and Thera-
 peutics
 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
 JOSEF JOEL SAMORS, D.D.S., Instructor in Oral Surgery
 KENNETH CLINTON WASHBURN, B.S., D.D.S., Instructor in Operative Dentistry
 PAUL KRAUT WEICHSELBAUM, M.D., M.S., Instructor in Dermatology
 KURT WESSELY, M.D., D.D.S., M.S., Instructor in Prosthetic Dentistry
 WILLIAM FULLER BARNFIELD, D.D.S., Instructor in Oral Pathology

Assistants

SUREN MANOOG SERON, B.S., D.D.S., Assistant in Oral Surgery
 RICHARD HOLIC, B.S., D.D.S., Assistant in Prosthetic Dentistry¹
 ROGER KENNETH STOCKTON, B.S., D.D.S., Assistant in Prosthetic Dentistry¹
 GEORGE WALTER DITTMAR, JR., A.B., B.S., D.D.S., Assistant in Prosthetic Dentistry¹

¹On leave of absence for war service.

WAYNE JOSEPH KINSINGER, B.S., D.D.S., Assistant in Prosthetic Dentistry¹
 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
 JAMES ROBERT WEIR, B.S., Assistant in Physiology²
 WOODROW GLEN MOSS, A.B., Assistant in Physiology²
 KENNETH CARL ROBBINS, M.S., Assistant in Physiological Chemistry
 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
 MRS. ANNA LACY BERGSCHNEIDER, M.S., Assistant in Bacteriology and Public Health²
 MEYER BARNEY COHEN, B.S., M.D., Assistant in Anatomy
 MILTON L. GOLDBERG, M.D., M.S., Assistant in Physiology
 ROBERT VICTOR RIEMER, D.D.S., Assistant in Prosthetic Dentistry
 PETER ANTON WLODKOWSKI, D.D.S., Assistant in Oral Surgery
 WALTER MAYNE, B.S., M.D., Assistant in Oral and Plastic Surgery

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
 MILAN VACLAV NOVAK, Ph.D., M.D., Professor of Bacteriology and Public Health, and Acting 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 Chemistry¹

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, M.S., 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

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 Chemistry¹
 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

*Members of the University Senate (see also pages 44 and 58).

¹On leave of absence for war service.

²Resigned.

Lecturers

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

Instructors

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

Assistants

BERNARD BENJAMIN BRODY, Ph.C., LL.B., B.S., Assistant in Pharmacy

WALTER JOSEPH SHARKA, JR., B.S., Assistant in Physics

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

HOWARD FREDERICK SCHLOEMER, B.S., Assistant in Pharmacognosy and Pharmacology¹

LIBRARY STAFF

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ARTHUR ELMER WHITENACK, A.M., M.S., Assistant

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DE LAFAYETTE REID, JR., B.Journ., B.S., Assistant²

MARTIN ELLIOTT THOMAS, A.M., Assistant²

EVELYN MARGUERITE ROGIER, B.S., Assistant

SYLVIA ISABEL TAYLOR, A.B., B.S., Assistant

HELEN MARGARET WELCH, A.M., B.S., Assistant

GALE ETSUKO SAKAI, A.B., B.S., Assistant¹

ELEANOR FRANCES MATTHEWS, A.B., B.S., Assistant

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MARIE KATHRYN LAWRENCE, A.B., Bibliographer¹

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Catalog Department

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META MARIA SEXTON, A.M., B.L.S., Cataloger

¹Resigned.

²On leave of absence for war service.

CHRISTOPHER URDAHL FAYE, A.M., M.S., Bibliographic Consultant and Cataloger
 MARY ABEGAIL MANN, A.M., B.L.S., Serial Cataloger¹
 EDITH CARRINGTON JONES, A.M., M.S., Cataloger
 CLARISSA OLIVIA LEWIS, A.M., Cataloger
 JAMES GERARD BAKER, A.M., Cataloger²
 JANET GERTRUDE BULLEN, M.S., Cataloger
 DOROTHY ELIZABETH HEICKE, A.M., Serial Cataloger
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 RUTH LOUISE SCHWEICKART, B.S., Serial Cataloger²
 ADELE DELIA EWELL, A.M., Cataloger
 IRENE CARROLL FORD, A.B., B.S., Cataloger
 MRS. LELLIA SWEARINGEN McLAUGHLIN, B.S., Assistant in charge of the Card Division
 JOHANNES LEOPOLD DEUTSCH, Jur.D., B.S., Cataloger
 MARTHA LOU SANFORD, A.B., B.S., Serial Cataloger²
 MARJORIE ELIZABETH VIVIAN, A.M., Serial Cataloger
 ELIZABETH TOWNSEND SANDIFER, A.B., B.S., Cataloger³
 PAUL WALTER WINKLER, B.Ed., B.S., Cataloger³
 BARBARA BITTING, A.B., B.S., Serial Cataloger
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 ALICE LOUISE BOYD, A.M., B.S., Cataloger
 FLOWEREE HECKERT, A.B., B.S., Cataloger
 EDITH MAY MARSHALL, A.M., Cataloger
 MRS. KATHERINE LEIGHLY, A.M., Assistant
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 LEROY LILLARD QUALLS, A.M., Assistant²
 RAY CURTIS JANEWAY, A.B., B.S., Supervisor of Book Stacks
 ROBERT WILSON KIDDER, A.M., Assistant²
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 MARGARET MARKLEY, A.B., B.S., Assistant, Work with Visually Handicapped Students³
 JIMMIE DECK, A.M., Assistant in charge of Reserve Book Rooms
 ELEANOR BLUM, A.B., B.S., Librarian in charge of Freshman Reading Room
 SARAH REBECCA REED, A.B., B.S., Assistant, Extramural Work
 ROBERT DAVIS CAMPBELL, A.B., B.S., Assistant
 MARY HENRIETTA ARNTZEN, B.Ed., B.S., Assistant
 FRANCES BURRAGE, A.M., Assistant
 SELMA IDA HOGENSON, A.B., Assistant
 ADA ELIZABETH SCHWARTZ, A.B., Assistant
 INGE BUDTZ JORGENSEN, Assistant²
 CATHARINE LOUISE THOMPSON, A.B., Assistant
 DOROTHY JOY LOWE, A.B., Assistant

Binding Department

JOSIE BATCHELLER HOUCHEMS, B.L.S., A.M., Binding Librarian
 ALBERTA AVIS AULD, A.B., B.S., Binding Reviser
 MRS. ROSE FULTON CRAMER, M.S., Assistant³
 MARGARET JEAN LOKKE, A.B., B.S., Assistant

Reference Department

ALICE SARAH JOHNSON, A.B., B.L.S., Reference Librarian
 FANNY DUNLAP, Ph.B., B.L.S., Reference Librarian

¹On leave of absence through April 30, 1944.

²On leave of absence for war service.

³Resigned.

DOROTHY MILLER BLACK, A.M., Assistant Reference Librarian
 RUTH MADELINE ERLANDSON, M.S., Assistant
 DOROTHY ELNA PARRISH, A.M., Assistant
 MARJORIE STAFFORD, A.M., Assistant¹
 EVERETT THOMSON MOORE, A.M., Assistant²
 VIRGINIA LISTER IRWIN, A.B., B.S., Assistant

Departmental Libraries—Urbana

HAZEL YEARSLEY SHAW, A.M., Commerce 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 LONG, A.B., LL.B., B.S., Law Librarian
 IDA TOD, B.S., Education, Philosophy, and Psychology Librarian, *Emerita*
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 FLORENCE MARIE HARDING, A.M., Modern Languages Librarian
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 MRS. EUNICE COLLINS MOHR, A.B., B.S., Journalism Librarian
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 MILDRED HADLEY BOWERS, A.B., B.S., Landscape Architecture Librarian
 ISABELLE FITCH GRANT, A.M., Seventeenth Century Collection Librarian
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 IRENE LOUISE CRAFT, A.M., Library Assistant, Law¹
 SYLVIA CORAL GILMORE, M.S., Librarian, Browsing Room
 LOUIS AUGUSTINE KENNEY, A.B., B.S., Library Assistant, Engineering²
 THOMAS EDWARD RATCLIFFE, JR., A.B., B.S., Library Assistant, Agriculture²
 CERILLA ELIZABETH SAYLOR, M.S., Architecture Librarian
 BETTE JANE PATTERSON, A.B., B.S., Library Assistant, Illini Union Browsing Room
 LOUISE MCGWIGAN HALL, A.B., B.S., Library Assistant, Illini Union Browsing Room
 CHARLES RICHARD KNAPP, JR., Ph.B., B.S., Library Assistant, Law²
 HELEN MARGARET REYNOLDS, B.F.A., A.B., B.S., Library Assistant, Architecture
 GWLADYS SPENCER, Ph.D., Education, Philosophy, and Psychology Librarian
 MRS. JEAN MALLOY WELTON, A.B., B.S., Chemistry Librarian¹
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 EDITH PETERS, Library Assistant, Commerce
 NADINE CHRISTENA BANISTER, A.B., Library Assistant, Natural History
 FRANCES CAROL BROOKS, A.B., Library Assistant, Journalism
 IONE MINERVIA CHAPMAN, A.M., Library Assistant, Education, Philosophy, and Psychology
 HELEN JOHANNA HAGGER, B.S., Library Assistant, University High School
 JOSEPH ALLEN, JR., A.M., B.S., Music Librarian
 ELMA PEACH ANDERSON, A.B., B.S., Library School Librarian
 EVERETT BRIGGS CALDWELL, B.S., Library Assistant, Engineering
 MRS. BETTY PEARCE ARPER, B.S., Chemistry Librarian
 MRS. FRANCES COLLINS RUDOLF, A.B., Library Assistant, Law¹

Medicine, Dentistry, and Pharmacy Library—Chicago

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 MRS. DOROTHEA M. WHEELER, Pharmacy Reference Assistant
 LORENA CLARKE, A.M., Cataloger
 RUTH ARNHOLD, A.M., Cataloger
 GLORIA MARY WEBSTER, A.B., B.S., Loan and Reference Assistant¹
 KATHRYN MARIE PRICE, A.B., Loan and Reference Assistant

¹Resigned.

²On leave of absence for war service.

University Staff Summary (Including Both Full-time and Part-time Positions) April 22, 1944

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.....	73	1	45	9	41	7	44	4	1	1	35	12	94	72	333	106	439
Commerce.....	15	1	8	0	14	1	3	2	0	0	2	1	0	0	42	5	47
Engineering.....	44	0	18	0	26	0	20	0	2	0	43	0	21	1	106	1	107
Agriculture.....	52	4	8	1	17	6	16	7	0	0	3	4	9	7	105	29	134
Education.....	8	0	7	0	13	2	4	3	0	0	6	0	3 ^a	0	41	14	55
Fine and Applied Arts.....	17	0	7	1	15	4	8	3	0	0	14	2	0	1	61	11	72
Journalism.....	4	0	2	0	2	0	1	0	0	0	3	0	0	0	12	0	12
Law.....	9	0	1	0	1	0	0	0	0	0	0	0	0	0	11	0	11
Library Science.....	1	0	1	2	1	3	9	0	1	5	0	1	0	1	4	12	16
Military Science.....	1	0	5	0	11	9	9	0	0	0	0	0	0	0	26	0	26
Physical Education.....	2	1	1	0	8	0	5	2	0	0	21	0	13	0	50	10	60
Hygiene.....	1	0	1	0	2	0	3	2	0	0	9	2	0	0	10	6	16
Sub-faculty, <i>Urbana</i>	(227)	(8)	(103)	(13)	(152)	(26)	(113)	(22)	(4)	(6)	(121)	(26)	(146)	(01)	(839)	(192)	(1,031)
Medicine.....	70	0	88	3	124	4	119	7	3	0	123	14	117	22	644	35	679
Dentistry.....	3	0	1	0	0	0	8	0	1	0	14	2	13	0	55	7	62
Pharmacy.....	8	0	2	0	0	0	0	0	0	0	0	0	0	0	23	0	23
Sub-faculty, <i>Chicago</i>	(81)	(0)	(91)	(5)	(139)	(11)	(137)	(8)	(4)	(0)	(138)	(16)	(134)	(22)	(724)	(62)	(786)
<i>Total, Instruction</i>	308	8	194	18	290	37	250	30	8	6	259	42	274	113	1,583	254	1,837

Research and Extension	Net Total, Research and Extension	Total
Agricultural Experiment Station (including 99 men and 7 women also counted under Instruction).....	166	24
Engineering Experiment Station (including 23 men also counted under Instruction).....	64	0
Other Research (including 4 men also counted under Instruction).....	25	12
Extension Service in Agriculture and Home Economics, and University Extension Division (including 14 men and 5 women also counted under Instruction).....	53	27
<i>Total, Research and Extension</i>	(376)	(63)
Deduct duplicates (counted under Instruction).....	(140)	(12)
<i>Net Total, Research and Extension</i>	173	51

Administration and Library	Net Total, Administration and Library	Total, Administration and Library
Administrative Officers (including 28 men also counted under Instruction).....	40	1
Administrative Assistants (including 13 men and 2 women also counted under Instruction).....	77	13
Library (including 3 men and 6 women also counted under Instruction).....	25	98
<i>Total, Administration and Library</i>	(142)	(112)
Deduct duplicates (counted under Instruction).....	(54)	(8)
<i>Net Total, Administration and Library</i>	85	104

Retired Staff Members	Net Total, Instruction, Research, Extension, Administration, and Library	Total
.....	1,844	409
.....	84	10
GRAND TOTAL	1,928	419

^aTeachers in University High School. There are also 54 school teachers and administrators cooperating with the College of Education who are not counted in this table.
^bIncluding 596 men and 37 women on the clinical staff without salary.
^cIncluding 9 men and 1 woman on the clinical staff without salary, and excluding 47 men and 3 women on the staff of the College of Medicine who cooperate in the College of Dentistry.
^dIncluding 418 members on leave of absence for war service.

GENERAL INFORMATION

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, 402 acres; the Chicago campus, 11 acres; airport, 932 acres; forest preserves, 145 acres, and agricultural experiment fields, 1,127 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 Janes 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, 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 previously, 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), Science Aids Service (1939), 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.

Personnel Bureau.—Originating in 1937 as a counseling service for students in the College of Liberal Arts and Sciences, the 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.

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 436.)

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 437.)

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 435.)

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 448.)

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 439.)

United States Soybean Laboratory.—The United States Department of Agriculture has maintained a soybean laboratory on the Urbana campus since 1936. (See page 428.)

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

- 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).
- Locomotive Testing Laboratory (1912).
- 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).¹
 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).¹
 Woman's Gymnasium (erected, 1931; assigned for use of men, 1942).

General University Use

Administration Building (East) (erected as Commerce Building, 1912; name changed in 1926).
 Administration Building (West) (erected, 1915; remodeled 1926 and 1928).
 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).¹
 Radio Station (1926) (gift of Boetius Sullivan as a memorial to his father, Roger C. Sullivan); transmitter building on south campus (1938).
 Union Arcade (acquired, 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).

¹Assigned in 1942 to the United States Navy for wartime use.

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, Flagg, Lundgren, and Noble Houses, 1940-41).¹

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).¹
 Laura B. Evans Hall (erected, 1925, as West Residence Hall; name changed in 1937).¹

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).

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, 1943, was as follows:

<i>Urbana:</i>	<i>Volumes</i>	<i>Pamphlets</i>	<i>Maps</i>	<i>Sheet Music</i>
General and Departmental Libraries	1,763,052	366,795	4,233	14,689
<i>Chicago:</i>				
Medicine, Dentistry, and Pharmacy	71,385	9,228	.....	.....
<i>Total in University Library.</i>	1,834,437	376,023	4,233	14,689

In Urbana most of the books are housed in the main Library Building. All students have direct use of 11,600 reference books in the general reading room which seats 500. An open-shelf reserve collection of approximately 13,000

¹Assigned in 1942 to the United States Navy for wartime use.

volumes is maintained in the North Reserve Book Room for the use of undergraduate students. In an adjacent room is a collection of 2,900 volumes for physical education and freshman rhetoric courses. During the present war emergency the North 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, and Education, Philosophy, and Psychology; these rooms have combined seating facilities for more than 700. The total number of seats in the building is 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	28,900
Architecture (Ricker Library).....	86	17,500
Astronomy.....	6	2,000
Ceramics.....	9	2,500
Chemistry.....	77	18,300
Engineering.....	210	47,100
Illini Union Browsing Room.....	32	1,400
Illinois Historical Survey.....	12	2,300
Journalism.....	80	3,000
Landscape Architecture.....	30	7,200
Law.....	177	71,600
Mathematics.....	32	13,600
Natural History.....	72	61,000
Natural History Survey.....	12	9,100
Physics.....	8	4,300
<i>Total.....</i>	<i>963</i>	<i>289,800</i>

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 9,000 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.

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. A separate music library, established in 1943, is housed in Smith Memorial Music Hall.

The Rare Book Room shelves about 24,000 volumes, including the Milton collection of approximately 1,500 volumes and other titles relating to the literary, political, and religious life of seventeenth century England.

The *Ricker Library of Architecture* numbers 17,500 volumes, 17,700 lantern slides, 14,500 photographs and drawings, 9,900 clippings, and 1,000 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, also located in Lincoln Hall, 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, the majority from Drehem, Umma, and Larsa, dating from the twenty-ninth to the twentieth century B.C.; others from the period of Nebuchadnezzar; Babylonian seals; fragments of Assyrian and Babylonian bricks with royal inscriptions; pottery, slate palettes, mummy case fragments, mummified sacred birds, and small objects from Egypt, the gift of the late 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. Schneek, 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 5,000 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 1,200 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 of Tyler, McWhorter, Hertzner, and the greater part of the specimens 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 forms, 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 Horticulture 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 employed in car and locomotive construction, historic and modern; and a collection of photographs showing the development of railroad equipment.

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, 1944, over fifteen thousand former students were in the armed forces and 182 had given their lives for their country. More than seven hundred members of the staff had also left for war service, and many of those still on the campus were engaged in highly confidential government research. The remainder were carrying unprecedented teaching loads made necessary by the military programs and the stepping up of civilian schedules.

During the fall and winter of 1943-1944 a large part of the University was turned over entirely to the Army and Navy for the housing, feeding, and education of men sent to receive specialized technical or professional training. In the fall, nearly five thousand uniformed students under military discipline were receiving instruction in Urbana; staff, classroom, and laboratory facilities were in round-the-clock service. In the Chicago Colleges, over seven hundred soldier- and sailor-students were enrolled in medical or dental curricula.

Military students in the college programs are taught by regular members of the faculty. This meant considerable retraining for many instructors not ordinarily teaching subjects in the Army curricula but who were called on to assist in departments where large numbers were concentrated. Director 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 have been made in the regular offerings to train them for specialized work in war emergency fields, and essential peace-time studies have been maintained for those who must be prepared for civilian responsibilities of both the war and the postwar period.

The coordination of all the war adjustments in the University is centered in a University War Committee headed by Provost A. J. Harno. This committee issues bulletins which report current activities to staff members. It has also distributed two special publications, and a third is projected. 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. The third publication will bring together information for veterans and will describe new curricular developments in the University, such as those in aeronautics and occupational therapy. In addition, the Women's War Committee, a subcommittee of the University War Committee, has published a special 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. This Division is headed by Professor Sidney E. Glenn. Men and women coming from the armed forces may make their first contacts with the University through this agency. Its purpose is to study the special needs of the veteran, to give him tests where necessary to determine his particular ability, to see that he is informed of all the services of the University so that he can take full advantage of what it has to offer him, to furnish him individual guidance in problems of education or adjustment, to advise him of occupational opportunities, and to help him in finding the best curriculum to serve his purpose. In cases where existing curricula do not fit his needs the agency will assist him in the construction of a special program. These facilities 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 90). Veterans are eligible for both State and Federal scholarships. Under State benefits, both tuition and fees are paid for the returning serviceman who is a resident of the State of Illinois or who, though not a resident, is a former student. The University also 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. Other bills to provide educational opportunities for veterans are pending in Congress.

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 84).

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 12, 1944, as in the summer of 1943, 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, for the duration of the wartime emergency, 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 summer quarter for the Chicago Colleges, a term of twelve weeks, will begin June 26, 1944, 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.

New 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 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 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.

A special course of study for women who wished to work as engineering aides in the aircraft industry was offered in 1943 in cooperation with Pratt and Whitney Aircraft. Most of the prescribed work was taken in the College of Engineering, and scholarships were available.

Among the new and war-adapted course offerings by the Urbana departments in 1943-1944 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: Aerodynamics; Aeronautical Engineering; Airplane Structure; Airport Design; Applied Electronics; Camouflage; Interpretation of Maps and Aerial Photographs; Navigation; Meteorology; Physiology of High-Altitude Flying; Radio Communication Apparatus; Radio Engineering Design; Transportation; Ultra-High-Frequency Techniques; Vacuum Tubes and Control Devices; War-time Communications and Censorship.

New courses especially for men include: Basic Physical Fitness; First Aid; Military Athletics; Personal Defense Activities; Wartime Aquatics.

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

Another group includes: Animal Parasites of Man; 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 have been 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 have been geared to wartime needs. New courses in tropical medicine, fractures, and blood transfusions are being offered, and an emergency first-aid course is required of all students in these colleges. The College of Medicine is also cooperating with the Army in training medical officers in special fields.

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, now being given in 54 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 new positions in the war industries and to give additional training to those already employed in such work. The total enrollment in these courses is now close to seventeen thousand. For a list of subjects taught, see page 413.

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 com-

mittee at Urbana. In each county there is a wartime educational committee consisting of farmers and representatives of various cooperating federal agencies; the farm advisers and home advisers serve as county chairmen and co-chairmen. County leader-training and informational schools were held in every Illinois county during December and January for the purpose of presenting subject-matter information on the Food-Fights-for-Freedom campaign. In most counties farm and home advisers arranged for their local leaders to present this material to their neighbors at local and community meetings.

Naval Training Schools

In the summer of 1942 the Navy opened a training school for signalmen, one for diesel engine operators, and a third for diesel engine officers. A special school for cooks and bakers was conducted from November, 1942, to June, 1943. Four hundred fifty officers were trained in the diesel officer school before it was discontinued in 1943. During the fall and winter of 1943-1944, the signal school had a complement of approximately nine hundred trainees and administrative officers. In April the University was informed that five hundred additional trainees would be sent to the school. These men follow a sixteen-week course. The diesel engine school has a quota of seven hundred operators in an eight-week course. University facilities provided for these schools, in addition to housing and classroom space, include the use of athletic fields and the serving of meals in the Men's Residence Hall and in the Illini Union Building.

Navy V-12 Program

Since July, 1943, a quota of four hundred fifty students has been enrolled at the University in the Navy's V-12 college program. Included in the quota are 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 have had active duty with the Fleet, and incoming freshmen who became eligible for the program by passing the qualifying examination and satisfying the required physical standards. These men are training 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 men are under Navy discipline, but instruction, housing, and feeding facilities are provided by the University.

Army Programs

An Army Specialized Training, Assignment, and Reclassification Center (STAR) was opened at the University in April, 1943. This program is designed to test the ability and knowledge of Army trainees who have previously passed a preliminary screening test, and to direct them into those curricula in the Army Specialized Training Program (ASTP) for which they are best prepared. They have already received their basic military training. After three days of testing, the trainees needing them are given refresher courses in mathematics, physics, and chemistry. Those possessing the necessary qualifications are then sent to appropriate ASTP schools for further training. Soldiers in the STAR unit are quartered in Newman Hall and messed at the Ice Rink.

During the summer, fall, and winter of 1943, the University had one of the largest ASTP units in the country, with an enrollment of 3,383 students on the

Urbana campus during the peak period of November, 1943. By February, 1944, this number had fallen to approximately two thousand six hundred, and in March the University was notified that the quota for the remainder of the term ending in May would be four hundred fifty men. 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. Curricula and course materials were prescribed by the Army, and Army officers handled the administrative and military phases of the program. The men were housed in fraternities and ate in the Ice Rink, which was converted by the University into a mess hall. Instruction was given by the regular faculty in University classrooms. The ASTP term was a twelve-week period with an interval of one week between terms. The number of terms varied according to curricula, and the program was divided into two phases—basic and advanced. A small number of students with training equivalent to or beyond the scope of the ASTP was also being prepared in a special advanced curriculum corresponding to graduate work.

The work load of the ASTP trainee included approximately 59 hours of supervised activity a week. A minimum of 24 hours was spent in the classroom with 24 hours of supervised study, five hours of military instruction, and six hours of physical training. This strenuous program compressed a year and a half of college work into nine months. Studying in the basic phase on the Urbana campus were premedical, pre dental, and general engineering students. The premedical and pre dental work followed the usual course plan of those fields; in general engineering it included English, history, geography, mathematics, physics, chemistry, and engineering drawing. In the advanced phase men were assigned to curricula in premedical, pre dental, and foreign area and language studies, and to civil, mechanical, electrical, and sanitary engineering. Special advanced curricula were administered in engineering and in language and foreign area studies. The social, political, and economic conditions, and the historical background of approximately fifteen different foreign areas were studied at the University. Some soldier-students concentrated particularly on language, while others divided their attention between language and area studies. French, Spanish, German, and Italian were the principal languages taught; however, other languages were taken by many of the special advanced group.

Army and Navy Programs at the Chicago Colleges

Under the terms of the agreements with the Army and the Navy, 53 per cent of the places in the College of Medicine and 38 per cent of the places in the College of Dentistry are 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 commissions, but go immediately into active duty without the leave of absence to interne.

ADMISSION TO COLLEGES AND SCHOOLS AT URBANA

OFFICIAL 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.

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 1944 the office was open from April 10 through May 13. 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

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.—Ordinarily to be admitted by certificate, an applicant must be a graduate of an accredited secondary school. (For admission of high school seniors, see next paragraph.) 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 88; and for a statement of the conditions on which non-graduates may be admitted, see page 85.)

Admission of 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 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 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.

High School Scholarship.—An applicant for admission to the University whose rank in scholarship is in the upper three-quarters of his graduating class, and who meets the requirements as stated below, is admitted by certificate to full freshman standing. Furthermore, 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.

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 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.

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 86 and 87.

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 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 FOR ADMISSION
TO THE VARIOUS UNDERGRADUATE CURRICULA**

(See also descriptive material about majors and minors on page 85)

COLLEGES AND SCHOOLS	SUBJECTS REQUIRED FOR ADMISSION	SUBJECTS RECOMMENDED FOR ADMISSION
College of Liberal Arts and Sciences 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.	English, 3 units. ¹ Language, 2 units. ²	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. ⁴ Occupational Therapy.	English, 3 units. ¹ Language, 2 units. ² 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. ¹ Language, 2 units. ² 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.
College of Agriculture Curricula in Agriculture, Dairy Technology, Floriculture, Home Economics, and Pre-Forestry.	English, 3 units. ¹ Algebra, 1 unit. Geometry, 1 unit.	Mathematics, 3 units, instead of the required 2 units. Science, 2 units (including physics). Social studies, 2 units.
College of Commerce All Fields (Accountancy, Banking and Finance, Commerce and Law, Commercial Teaching, Economics, Industrial Administration, Management, Marketing, Public Affairs).	English, 3 units. ¹ Algebra, 1 unit. Geometry, 1 unit.	Advanced algebra, ½ unit. Science, 2 units (including 1 unit with laboratory).
College of Education Industrial Education Curriculum (other curricula require junior standing in the University).	English, 3 units. ¹ Algebra, 1 unit. Geometry, 1 unit.	Industrial arts, 2 units. Science, 2 units (including physics or chemistry or both). Social studies, 2 units.
College of Engineering All Curricula (Agricultural, Ceramic, Civil, Electrical, General, Mechanical, Metallurgical, Mining, Public Health Engineering).	English, 3 units. ¹ Algebra, 1½ units. ³ Plane Geometry, 1 unit. Solid Geometry, ½ unit. ³	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. ¹ Algebra, 1½ units. ² 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. ¹ Language, 2 units. ²	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. ¹ 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. ¹ Language, 2 units. ² Music (individual examination required ³).	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. ¹	Science, 3 units (including biology). Social studies, 2 units. Health and safety education, and participation in school programs of physical education and athletics.

NOTES

¹English.—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.

²Language.—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.

³Mathematics.—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.

⁴Pre-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.

⁵Music 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.

Required and Recommended Subjects

The second column of the table on pages 86 and 87 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 84.)

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, page 85.) 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 number 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 104.

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 of not less than six months of active service. The Committee will recognize for credit the general educational development examinations and the examinations in special fields given by the United States Armed Forces Institute. Full information about these examinations may be had by writing to the Institute at Madison, Wisconsin. 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, and Marine Corps Specialized and Technical Schools where its equivalence in terms of college courses is established by proficiency examinations, or where other satisfactory means of establishing equivalency are approved.

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 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. Application blanks for admission may be obtained from the Director of the Library School, and these should be filed, with documentary material showing qualifications for admission, not later than August 1. It is to the candidate's interest to present his application and certificates early, in order that the question of admission may be settled before he comes to Urbana. New students are not admitted to the Library School at the beginning of the second semester. Persons over thirty-five years of age who have had little or no library experience are discouraged from applying, as are also individuals with serious physical defects or ill health. For admission to the graduate courses in library science, leading to a master's degree, thirty hours credit in library science, or its equivalent, and the approval of the Dean of the Graduate School are required.

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. 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.....	16
<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 pages 95 and 96.

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. *Hours*

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.¹

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 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

¹This 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.

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 admission 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 Curriculum¹

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 below. During the first five semesters of the pre-professional 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 four quarters of professional training.

Pre-Professional Curriculum.—In addition to the general regulations for admission to the undergraduate colleges at Urbana, concerning age, high school graduation, scholarship, majors and minors, etc., as stated on page 84, the following special requirements apply to students seeking admission to the pre-professional curriculum in occupational therapy:

(1) The maximum age for admission is thirty-five years.

(2) Each applicant must pass a satisfactory medical examination given under the supervision of the official University physician during his first year in residence at Urbana and also on transferring to Chicago.

(3) The high-school subjects required for admission are as follows: English, 3 units; language, 2 units; algebra, 1 unit; geometry, 1 unit. Two units of science (including biology) and two units of social studies are recommended, although not required.

Professional Curriculum.—Prior to the beginning of the third semester of registration students are advised of acceptance into the professional curriculum. The essential requirements to be met are: (1) at least a 3.0 academic standing; (2) approval by the committee on admissions.

In selecting applicants for the professional curriculum the committee on admissions of the College of Medicine will take into consideration the candidate's personal

¹Subject to final approval by the Board of Trustees.

qualifications, including an interest in medical studies, art, the welfare of the handicapped, possession of tact, adaptability, and initiative. Other factors to be considered include scholarship, letters of recommendation, especially from high school teachers and principals, health records, aptitude tests, and such special examinations as may be determined by the Committee. A personal interview is desired whenever possible.

Transfers.—Transfer students must complete one semester of the curriculum on the campus at Urbana before the committee on admissions passes on their acceptance into the professional curriculum. Students who have earned credit for courses corresponding to those listed in this curriculum will be granted advanced standing upon evaluation of their previous work.

Admission to the College of Pharmacy

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 84.

Fifteen Units Required—page 85, paragraphs I, II, IV.

Majors and Minors—page 85.

Sources of Acceptable Credits—page 88.

Admission by Certificate—page 88.

High School Scholarship.—To be considered for admission to the College of Pharmacy, an applicant must rank in scholarship in the upper 60 per cent of his high school graduating class and must meet the requirements as listed above; except that the committee on admissions, without adhering to the usual requirements as they pertain to majors and minors, may admit an applicant whose rank in scholarship and other qualifications indicate his aptitude to enter the profession of pharmacy. The applicant'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.

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

Preference to Illinois Residents.—In considering applications for admission to the College of Pharmacy, the committee on admissions gives preference to candidates who are residents of Illinois.

FEES AND EXPENSES

ESTIMATED 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>
Books	\$ 25	\$ 30
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
Room	90	112
Board	225	270
School supplies	14	18
Laundry (mailed home)	9	9
Miscellaneous	20	90
<i>Total</i>	\$503	\$649

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 1944

Students registering for only eight weeks in the summer term pay fees as listed on page 98 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 on the following page.

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. (For summer fees, see above.)

(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 \$1,760¹ 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 on the preceding page, and the laboratory, library, and supply fee.)

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 101 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

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

SCHEDULE OF FEES FOR REGULAR FULL-TIME STUDENTS IN THE CHICAGO COLLEGES

	FIRST YEAR <i>Illinois Non-Ill.</i>	SECOND YEAR <i>Illinois Non-Ill.</i>	THIRD YEAR <i>Illinois Non-Ill.</i>	FOURTH YEAR <i>Illinois Non-Ill.</i>
Dentistry:				
1. Matriculation Fee.....	\$ 10	\$ 10	...	...
2. Tuition Fee.....	81	\$ 81	\$ 81	\$ 81
3. Laboratory and Building Service Fees.....	(108)	(108)	(108)	(108)
a. General Building Service Fee.....	36	36	36	36
b. Laboratory Room Fee.....	72	72	72	72
4. Laboratory Materials Fee.....	63	63	63	63
5. Graduation Fee.....	...	...	...	10
<i>Total</i>	\$262	\$252	\$252	\$262
Medicine:				
1. Matriculation Fee.....	\$ 10	...	...	...
2. Tuition Fee.....	81	\$ 81	\$ 81	\$ 81
3. Laboratory and Building Service Fees.....	(108)	(108)	(135)	(135)
a. General Building Service Fee.....	36	36	45	45
b. Laboratory Room Fee.....	72	72	90	90
4. Laboratory Materials Fee.....	63	63	84	84
<i>Total</i>	\$262	\$252*	\$300	\$300*
Pharmacy:				
1. Matriculation Fee.....	\$ 10	...	...	...
2. Tuition Fee.....	81	\$ 81	\$ 81	\$ 81
3. Laboratory and Building Service Fees.....	(24)	(48)	(54)	(54)
a. General Building Service Fee.....	15	18	15	15
b. Laboratory Room Fee.....	9	30	39	39
4. Laboratory Materials Fee.....	30	36	30	36
5. Graduation Fee.....	...	...	...	10
<i>Total</i>	\$145	\$165	\$165	\$181

*Graduation fee of \$10 is required, payable at the end of the second year by students receiving the B.S. degree, at the end of the fourth year by students receiving the M.D. degree.

\$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 101, 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 100-103.

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 100.)

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.

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. All students entering the University as freshmen are required to obtain credit for two semesters of work in rhetoric. In order to assure a satisfactory proficiency in the use of written English on the part of students who are awarded undergraduate degrees, all upperclassmen who pass Rhetoric 2 (the second semester course for freshmen) or its equivalent with a grade of "C" or "D", or the equivalent, are required to take an English qualifying examination before graduating. Students who fail on this examination are required to pass an extra one-semester course in rhetoric, specifically Rhetoric 5. This regulation relative to the qualifying examination and Rhetoric 5 becomes effective with undergraduate students who matriculate in the University after September 1, 1944.

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 sub-

stitute 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.

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 is 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.

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 132; the College of Agriculture, see page 168.)

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.

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 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.

Personnel Bureau

The 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.

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 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, 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 (see page 111).

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 especially trained in diagnosis and treatment. Students who apply for aid are examined to determine the type and extent of their speech disturbances, and a program of corrective exercises is prescribed, with supervised practice periods one or two hours a week. 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

Placement of students in positions after graduation from the University is not centralized, except for positions as teachers in which the applicants are aided by the Secretary of the Committee on Appointments, 200 Gregory Hall, Urbana. Students in each year's graduating class (and others who desire full-time employment) are advised individually by deans of colleges, directors of schools, heads of departments, and other members of the faculty. 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 Student Employment Office 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 recently been under contract with the University for the housing of Army trainees) 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 Navy, and are not 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. 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 students 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.

War Information for Students

Extensive files of information concerning opportunities for students in the armed forces and in civilian activities related to the war have been collected in the offices of the Dean of Men and the Dean of Women. Much of the material in these files has been abstracted and mimeographed for convenient use. Men students may thus obtain complete information concerning the Army, Navy, Marine Corps, Coast Guard, Maritime Commission, Civil Service, and numerous industrial agencies engaged in war work. Women students are supplied with information concerning the WAC, WAVE, and SPAR services, Marine Corps, the Woman's Auxiliary Training Corps on the campus, and numerous wartime programs in business, industry, and community service. Students desiring to qualify for these services receive guidance from the deans and their assistants.

An illustrated brochure entitled "The Student in Wartime," compiled by the University's war committee, describes many ways for students to prepare themselves for wartime services. Free copies are available for high school administrators, parents of students, and interested organizations. Requests may be addressed to the Provost, Chairman of the War Committee, 207 Administration Building, Urbana, Illinois.

Illini Union

The Illini Union Building provides a 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 teachers 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 music room 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 N, 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, Orchesis, 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 Kappi 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 arranged on schedules 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 state normal 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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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 Com-

munity Trust, 10 South LaSalle Street, Chicago. High school seniors should apply not later than April 15; college students not later than May 15.

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.

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 the School of Music, on the basis of scholastic excellence, natural ability, and financial need.

NOTE:—No scholarships, whether created by statute or otherwise, exempt their holders from any fees charged for courses taught by correspondence.

CHICAGO DEPARTMENTS

The following special scholarship funds are available for worthy 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 116.

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 other 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 annually 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 reg-

istered, 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.

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.

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.

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. (Discontinued for duration of war.)

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 for the best essay written by a woman in connection with any course in 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. The amount of each scholarship is \$100. 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 curriculum of chemistry or chemical engineering. A case has been constructed for the cup 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, extra-curricular 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.

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.)

In Journalism

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.

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 Tactics¹

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.

¹Except 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.

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, 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 \$50 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. Beginning in 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 1943-1944.)

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 1943-1944.)

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

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, which allows a wide range in the choice of courses and in the amount of specialization, 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 132.

The general curriculum in Liberal Arts and Sciences (page 134) 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 178). Graduates from the College of Liberal Arts and Sciences who are otherwise qualified may enter the Library School for a year of special training in librarianship (page 209).

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 197). 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 201).

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 134) as an alternative to the curricula in home economics offered by the College of Agriculture (page 176) and the College of Education (page 180). 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 134), 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 137) and in chemical engineering (page 138), 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 139. (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 139). 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.

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 131).

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 83; for the *buildings* used by this college, see page 70; for *museums and collections* under its care, see page 74; for *clubs and societies* auxiliary to its curricula, see page 113; for *prizes*, see page 121; for *fees*, see page 98; for general University requirements for *graduation*, see page 103; for graduation requirements in this college, see pages 134-136; for regulations concerning *unclassified students*, see page 90.

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 together in 1938, and the next three in 1941, both volumes printed by the University. The ninth lecture was delivered April 12, 1944, by Professor Allan Nevins of Columbia University, on "Democratic Ideals: Washington, London, Canberra."

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, Physiology, Psychology, Zoology; (2) the *Division of Language and Literature*, consisting of the Classics, English (including rhetoric and speech), French, German, Spanish and Italian; (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 Administration. Other departments in this college are: Astronomy, Chemistry (including chemical engineering), Geology (organized in one department with 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, military science, and physical education, and must 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 (see note)	2-4	Elective (see note)	2-4
Hygiene	1	Hygiene	1
Military Science (for men)	1	Military Science (for men)	1
Physical Education	$\frac{1}{2}$ -1	Physical Education	$\frac{1}{2}$ -1
<i>Total</i>	$13\frac{1}{2}$ -18 $\frac{1}{2}$	<i>Total</i>	$13\frac{1}{2}$ -18 $\frac{1}{2}$

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 (see note)	2-4	Elective (see note)	2-4
Military Science (for men)	1	Military Science (for men)	1
Physical Education	$\frac{1}{2}$ -1	Physical Education	$\frac{1}{2}$ -1
<i>Total</i>	$13\frac{1}{2}$ -17 $\frac{1}{2}$	<i>Total</i>	$13\frac{1}{2}$ -17 $\frac{1}{2}$

Note on elective: 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.

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 of 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:

(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, military science, physical education, and fees; (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.¹

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, military science, and physical education; 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.¹ 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.)

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, or not later than October 15 if it is to be received in February.

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.

¹Credit toward graduation will be granted for the additional courses in physical education which are required of all men students during the war. (See page 103 for University regulations.)

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. This requirement may be satisfied either by passing Rhetoric 1 and 2 or by passing proficiency examinations in these courses. Students who fail to pass the placement test in rhetoric may not register for Rhetoric 1. This deficiency may be met by taking Rhetoric 0 for no credit, or by private tutoring, or other means. Students who receive a grade of "D" in Rhetoric 2 are required to take Rhetoric 5.
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 per 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.

¹Credit toward graduation will be granted for the additional courses in physical education which are required of all men students during the war. (See page 103 for University regulations.)

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:

Accountancy.—A total of 6 hours (not including more than one of the following courses; Accountancy 1a, 1e, 12).

Agricultural Economics.—A total of 6 hours.

Architecture.—A total of 15 hours.

Art.—A total of 15 hours.

Business Law.—A total of 6 hours.

Business Organization and Operation.—A total of 6 hours. 12a-12b (Type-writing) and 13a-13b (Shorthand) may not be offered for credit.

Economics.—All courses.

Education.—A total of 20 hours.

Engineering.—A total of 10 hours in the College of Engineering.

Forestry.—3 hours.

Home Economics.—All courses.

Horticulture.—A total of 6 hours.

Hygiene.—Hygiene 1, 2, or 5 (2 hours). Hygiene 8, Nurses Aide, is also accepted in addition to the required two hours of credit.

Journalism.—A total of 10 hours.

Landscape Architecture.—A total of 7 hours.

Law.—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 per 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.

Library Science.—A total of 10 hours.

Military Science.—A total of 8 hours in advanced courses.

Music.—A total of 15 hours approved by the director of the School of Music.

Physics.—All courses.

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.

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		SECOND SEMESTER	
	HOURS		HOURS
Chem. 8a—Inorganic Chemistry and Qualitative Analysis ¹	5	Chem. 8b—Inorganic Chemistry and Qualitative Analysis.....	5
Math. 10a—Freshman Mathematics ²	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 ³	3	Electives ³	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 ³	11
Chem. 92—Chemical Literature.....	1		
Econ. 2—Elements of Economics....	3		
Electives ³	3		
<i>Total</i>	16	<i>Total</i>	16

Fourth Year

Chem. 27—Quantitative Analysis....	3	Electives ³	16
Chem. 95a—History of Chemistry....	2		
Electives ³	11		
<i>Total</i>	16	<i>Total</i>	16

¹All 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.

²For 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.

³Suggested 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 ¹	5		Chem. 8b—Inorganic Chemistry and Qualitative Analysis.....	5	
Math. 10a—Freshman Mathematics ² ..	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.....	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 ³	10
Chem. 68a—Unit Operations Lab... 2			
Chem. 69a—Chemical Engineering Projects Laboratory.....	2		
Electives ³	3		
<i>Total</i>	17½	<i>Total</i>	17½

¹See footnote 1 on preceding page.²See footnote 2 on preceding page.³Five 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 95).

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 94).

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) ¹ —General Chemistry 5 (or 3)	5	Chem. 5—Inorganic Chemistry	5
Hygiene 5 (or 2, for Women).....	2	Math. 4 (or 4a) ² —Trigonometry ...	2 (or 3)
Military Science (for Men).....		Military Science (for Men).....	
Physical Education		Physical Education.....	
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 ³	4	German or French ³	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).....		Military Science (for Men).....	
Physical Education		Physical Education.....	
Electives ⁴	2-4	Electives ⁴	2-4
<i>Total</i>	<u>16-18</u>	<i>Total</i>	<u>16-18</u>

¹Students having credit for chemistry in high school will register for Chemistry 2 (three hours).

²Mathematics 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.

³Two 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.

⁴Electives 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 ¹	4	German or French ¹	4
Chem. 47—Physical Chemistry.....	4	Chem. 47—Physical Chemistry.....	4
or Zool. 3—Vertebrate Embryology (3)		or Zool. 3—Vertebrate Embryology (3)	
Electives.....	<u>8-10</u>	Electives.....	<u>8-10</u>
<i>Total</i>	16-18	<i>Total</i>	16-18

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.

¹See footnote 3 on preceding page.

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 178), or the College of Law (page 197), or the School of Journalism (page 201). (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 144.)

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 211) are advised to arrange their programs so as to include the courses that are pre-requisite 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 238.

For *admission*, see page 83; for regulations concerning *unclassified students*, see page 90; for general University requirements for *graduation*, see page 103; for *prizes*, see page 121; for *clubs and societies*, see page 113; for *fees*, see page 98; for *special conferences and short courses* sponsored by this college, see page 422.

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 Studies 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 433.

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 Division¹

(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 ²	5-8	Science and/or College Algebra ²	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 ³	4	Language or Literature ³	4
Rhet. 10—Business Letter Writing ⁴	2	Rhet. 10—Business Letter Writing ⁴	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.

¹This Lower Division program applies to all fields except Commercial Teaching. For the requirements in that field, see page 145.

²*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.

³*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 145) or *Foreign Trade* as a field of concentration (see Marketing, page 145) must choose the foreign language option.

⁴*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 199). 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 145.

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, 4; 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.

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 ¹ ...	3	Hygiene.....	2
Military Science (for Men).....	1	Military Science (for Men).....	1
Physical Education.....	1	Physical Education.....	1
<i>Total</i>	<u>15-17</u>	<i>Total</i>	<u>17-18</u>

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>	<u>16-17</u>	<i>Total</i>	<u>15-18</u>

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.

¹Students who choose algebra and take the five-hour course, may find it necessary to postpone Geography 1a.

The College of Engineering

TO PREPARE MEN FOR PROFESSIONAL WORK IN ENGINEERING and for responsible positions of technical and semi-technical kinds 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 works. 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 211).

For *admission*, see page 83; for regulations concerning *unclassified students*, see page 90; for a list of the *buildings* used by this college, see page 70; for *collections* related to it, see page 76; for *clubs and societies* auxiliary to its curricula, see page 113; for *fees*, see page 98; for *prizes*, see page 121; for general University requirements for *graduation*, see page 103; for *professional degrees in engineering*, see page 213; for *special conferences and short courses*, see page 422; for the *Engineering Experiment Station*, see page 429.

Curricula in Engineering

The four-year curricula for students of engineering (as described and outlined on the following pages) are:

Agricultural engineering, administered by the College of Engineering with the College of Agriculture cooperating.

Ceramic engineering and *ceramics*, 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 ceramics, all first-year students following the Common Program for Freshmen shown on page 152.

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.¹

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, can usually qualify for the degree of Bachelor of Science from this college by two years of work.

¹Credit toward graduation will be granted for the additional courses in physical education which are required of all men students during the war. (See page 103 for University regulations.)

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. Rhetoric 1 and 2 are prerequisite to junior standing in this college.

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.

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.

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 166.

Ceramic Engineering.—As a whole, the courses in the Department of Ceramic Engineering deal with the general scientific principles underlying the silicate industries, which include the manufacture of glass, vitreous enamels, cements, brick, tile, and other clay products. A student concentrating his college work in this department has a choice of two curricula, which have much in common. If his objective is the designing of plants and equipment, the construction of kilns and driers, and the supervision of manufacturing operations, he should follow the curriculum in ceramic engineering, in which engineering subjects predominate. The administration option, beginning in

the third year of this curriculum, offers training in industrial organization and management. If he intends to become a ceramic technologist in charge of a laboratory for the control of processes, for testing and investigations, and for research, or if he wishes to become a teacher of ceramics in a secondary school, he should follow the curriculum in ceramics, which permits more specialization.

The laboratories, drafting rooms, classrooms, and offices of this department are in the Ceramics Building, which has a kiln laboratory adjoining it. These are equipped with the apparatus usually required for the grinding and pulverizing of materials, for the study of physical and chemical properties, and for the testing of pottery, glasses, glazes, and enamels.

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, which has complete facilities for instruction and investigation in physics, is especially well equipped for investigations in spectroscopy, high vacua, acoustics, magnetism, electrical measurements, and optics. Gas, direct and alternating current at several voltages, distilled water, compressed air, vacuum, and liquid air are freely available. There are two workshops, one for the mechanics of the department and one for instructors and advanced students, and a glassblowing shop in charge of a glassblower. An excellent working library of periodicals and books of special use in connection with the courses in physics is maintained on the second floor of the Physics Laboratory.

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 164, 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 Year

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 Agricultural Engineering

For the Degree of Bachelor of Science in Agricultural Engineering

First Year

Common Program for Freshmen (see above).

Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	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..... ½		T.A.M. 1—Analyt. Mech. (Statics).. 2	
Military Science (for Men)..... 1		Physical Education..... ½	
<i>Total</i> 17½		<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

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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. 51—Drainage and Flood Control		3
Agr.E. 99—Inspection Trip.....		0	C.E. 64—Structural Design.....		5
C.E. 50—Hydrology.....		2	C.E. 90—Contracts and Specifications		2
C.E. 62—Structural Analysis.....		3	Approved Elective.....		5
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>		16	<i>Total</i>		18

Curriculum in Ceramic Engineering

For the Degree of Bachelor of Science in Ceramic Engineering

First Year

Common Program for Freshmen (page 152), except that Chem. 6 and Math. 10a-10b are substituted for Chem. 4 and Math. 2, 4, 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
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; <i>or</i>		Cer.E. 29—Ceramic Pyrometry.....	2
Geol. 20—General Mineralogy.....	3	Chem. 40—Physical Chemistry.....	3
T.A.M. 2—Analyt. Mech. (Dynamics)	3	C.E. 15—General Surveying.....	3
T.A.M. 3—Resistance of Materials...	3	M.E. 62—Mech. Engineering Lab....	3
T.A.M. 63—Resistance of Materials Laboratory.....	1		
<i>Total</i>	18	<i>Total</i>	17

ADMINISTRATION OPTION

B.O.O. 1—Industrial Organization and Management.....	3	B.O.O. 2—Marketing Organization and Operation.....	3
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
Econ. 2—Elements of Economics...	3	Econ. 3—Money, Credit, and Banking	3
T.A.M. 3—Resistance of Materials...	3	Rhet. 10—Business Letter Writing...	2
T.A.M. 63—Resistance of Materials Laboratory.....	1	Approved Elective.....	2
<i>Total</i>	18	<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. 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		
E.E. 4—D.C. and A.C. Circuits and			Equipment.....	2	
Machines.....	2		E.E. 65—Electrical Equipment Labo-		
E.E. 64—D.C. and A.C. Circuits and			ratory.....	1	
Machines Laboratory.....	1		Approved Elective.....	4	
Approved Elective.....	3		Technical Option ¹	3	
Technical Option ¹	3				
<i>Total</i>		17	<i>Total</i>		17

ADMINISTRATION OPTION

Cer.E. 29—Ceramic Pyrometry.....	2	Cer.E. 20—Refractories.....	2
Cer.E. 22—Kilns and Burning.....	3	Cer.E. 24—Ceramic Eng. Design...	3
Cer.E. 23—Dryer and Kiln Design...	2	Cer.E. 28—Pyrochemical Problems..	2
C.E. 89—Structural Engineering.....	3	B.O.O. 7—Salesmanship.....	2
Accy. 12—Fund. of Accounting; <i>or</i>		Eng. 39—Industrial Relations.....	3
Econ. 70—Elements of Statistics..	3	Eng. 92—Eng. Law; <i>or</i> Bus. Law 2—	
Econ. 35—Corporation Finance.....	3	Elementary Law of Business.....	3
Approved Elective.....	2	Approved Elective.....	2
<i>Total</i>	18	<i>Total</i>	17

Curriculum in Ceramics

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. The first three years of work as outlined below consist almost entirely of prescribed subjects, while the fourth year provides for some technical options as shown on the following page.

First Year

Chem. 2 <i>or</i> 3—Inorganic Chemistry..	3 or 4	Chem. 6—Inorganic Chemistry.....	5
Math. 10a—Freshman Mathematics..	5	Math. 10b—Freshman Mathematics..	4
German <i>or</i> French.....	4	German <i>or</i> French.....	4
Rhet. 1—Rhetoric and Composition..	3	Rhet. 2—Rhetoric and Composition..	3
Physical Education.....	½	Hygiene.....	2
Military Science (for Men).....	1	Physical Education.....	½
		Military Science (for Men).....	1
<i>Total</i>	16½ <i>or</i> 17½	<i>Total</i>	19½

Second Year

Cer.E. 1—Ceramic Materials.....	3	Cer.E. 4—Ceramic Materials Lab...	3
Chem. 10—Qualitative Analysis.....	5	Chem. 23b—Quantitative Analysis..	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.....	½	Physical Education.....	½
Military Science (for Men).....	1	Military Science (for Men).....	1
		Approved Elective.....	2
<i>Total</i>	17½	<i>Total</i>	18½

¹Technical 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.

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

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 ¹	5
Approved Elective	3		
Technical Option ¹	5		
<i>Total</i>	17	<i>Total</i>	17

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 pages 136 and 138.

Curriculum in Civil Engineering

For the Degree of Bachelor of Science in Civil Engineering

First Year

Common Program for Freshmen (page 152).

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 ²	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	$\frac{1}{2}$		T.A.M. 1—Analytical Mech. (Statics) . .	2	
Military Science (for Men)	1		Physical Education	$\frac{1}{2}$	
			Military Science (for Men)	1	
<i>Total</i>	$17\frac{1}{2}$		<i>Total</i>	$17\frac{1}{2}$	

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.

¹Technical 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 1, 62; T.A.M. 1, 3; Mining 2; Metallurgy 12; Physics 20a, 20b, 80.

²Eight 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.

Third Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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. Circuits and Machines, with Laboratory or Approved Elective	3	(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—Resistance of Materials Lab.	1				
<i>Total</i>	18		<i>Total</i>	18	

Fourth Year

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. 10—Navigation	3	C.E. 24—Airport Design	2
C.E. 67—Statically Indet. Structures	3	C.E. 66—Earth & Masonry Structures	3
M.E. 33—Aeronautical Engineering	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. 50—Hydrology	2	C.E. 31—Advanced Hy. Materials	2
Non-technical Elective	3	C.E. 66—Earth & Masonry Structures	3
		C.E. 90—Contracts & Specifications	2

HYDRAULIC OPTION

C.E. 50—Hydrology	2	C.E. 51—Drainage & Flood Control	3
C.E. 66—Earth & Masonry Structures	3	C.E. 55—Water Power	3
C.E. 90—Contracts & Specifications	2	E.E. 4—D.C. and A.C. Circuits and Machines	2
Non-technical Elective	3	E.E. 64—D.C. and A.C. Circuits and Machines Laboratory	1

RAILWAY OPTION

C.E. 25—Railway Construction and Maintenance	3	C.E. 26—Economics of Railway Location 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 OPTION¹

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		

Curriculum in Electrical Engineering

For the Degree of Bachelor of Science in Electrical Engineering

First Year

Common Program for Freshmen (page 152).

Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
E.E. 14—Wiring and Illumination <i>or</i> Approved Elective ²	3 or 4	E.E. 14—Wiring and Illumination <i>or</i> Approved Elective ²	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 ²	3	M.E. 87 <i>or</i> 85—Machine Tool <i>or</i> Pat- tern and Foundry Laboratory; <i>or</i> Approved Elective ²	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—Introduction 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—Introduction 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 ⁴	4
E.E. 55—Electrical Design ³	2	E.E. 56—Economics of Electrical Sys- tems	4
E.E. 85—Electrical Engineering Lab.	2	E.E. 86—Electrical Engineering Lab. ⁴	2
E.E. 95—Seminar	1	E.E. 96—Seminar	1
E.E. 99—Inspection Trip	0	E.E. 98—Thesis ⁵ <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	<i>Total</i>	17 or 18

¹See also Curriculum in Sanitary Engineering.

²One semester of E.E. 14 and one semester of M.E. 85 or 87 are required.

³E.E. 51 or 54 may be substituted for E.E. 55.

⁴Six hours from E.E. 48, 52, 53, 54, 58, 59, 84, and 89 may be substituted for E.E. 36 and 86.

⁵Only high-grade students are allowed to take a thesis course.

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 152), except that substitution of Chem. 6 for Chem. 4 is advised.

Second Year¹

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
German <i>or</i> Approved Elective	4		German <i>or</i> 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 Year¹

E.E. 25—Introduction to Circuit Analysis	4	Physics 46a—Vacuum Tubes ⁴	3
E.E. 75—Electrical Engineering Lab.	2	Phys. 60—Heat ⁵	3
German <i>or</i> Approved Elective	4	German <i>or</i> Approved Elective	4
Math. 18—Advanced Calculus ²	3	Math. 19—Advanced Calculus ²	3
Phys. 20a—Theoretical Mechanics	3	Phys. 20b—Theoretical Mechanics	3
Phys. 40a—Elec. and Magnetism ³	3	Phys. 40b—Elec. and Magnetism ³	3
<i>Total</i>	19	<i>Total</i>	19

Fourth Year¹

Chem. 40—Physical Chemistry	3	Phys. 71b—Light	2
Phys. 71a—Light	2	Phys. 72b—Light Laboratory	2
Phys. 72a—Light Laboratory	2	Phys. 199—Colloquium	0
Phys. 199—Colloquium	0	Approved Elective	3
Phys. 80 <i>or</i> Approved Elective	3	Technical Option ⁶	8
Phys. 46b—Vacuum Tubes ⁵	3		
Technical Option ⁶	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.,

¹The 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.

²Math. 16 and 17 or Math. 71a-71b may be substituted for Math. 18 and 19.

³Physics 44 and 30 may be substituted for Physics 40a-40b.

⁴E.E. 50 and 51 may be substituted for Physics 46a-46b.

⁵M.E. 10 or 13 may be substituted for Physics 60.

⁶Technical 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.

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 152).

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.	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	<i>Total</i>		17½

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 ¹	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 ¹	4
Met. 1—Elements of Metallurgy.	3		
Approved Elective ¹	4		
<i>Total</i>	18	<i>Total</i>	18

Curriculum in Mechanical Engineering

For the Degree of Bachelor of Science in Mechanical Engineering

First Year¹

Common Program for Freshmen (page 152).

¹Eight hours or more in a foreign language (French, German, or Spanish) may be substituted for an equal number of hours of approved electives.

Second Year

Approved Elective ¹	3	Approved Elective ¹	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.....	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	<i>Total</i>	18½

Third Year

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 ²	3	Non-technical Elective ²	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 Air Conditioning.....	4
M.E. 65—Mech. Engineering Lab....	3	M.E. 52—Power Plant Design.....	3
M.E. 89—Heat Treatment of Metals; or Non-technical Elective ²	3	M.E. 89—Heat Treatment of Metals; or Non-technical Elective ²	3
Technical Option.....	3	Technical Option.....	3
M.E. 99—Inspection Trip.....	0		
<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:

<i>Second Year</i>			
Geol. 43 for Approved Elective.....	3	Geol. 2a for Approved Elective.....	4
<i>Third Year</i>			
C.E. 15 for Non-technical Elective... ..	3	Non-technical Elective.....	2
<i>Fourth Year</i>			
M.E. 35, T.A.M. 4 and 64, and Geol. 61a for M.E. 41 and Technical Op- tion.....	9	M.E. 36, Geol. 60b, and Geol. 61b for M.E. 28 and 52 and Technical Op- tion.....	8

¹Eight hours or more in a foreign language (French, German, or Spanish) may be substituted for an equal number of hours of approved electives.

²Special attention is called to Engineering 10, 20, 39, 40, 41, and 92.

RAILWAY MECHANICAL ENGINEERING

Substitute in Mechanical Engineering Curriculum as follows:

<i>Fourth Year</i>	
FIRST SEMESTER	HOURS
M.E. 5 for Technical Option	3
M.E. 8 for Technical Option	3
M.E. 54 for M.E. 52	3

TECHNICAL OPTIONS FOR THE CURRICULUM IN MECHANICAL ENGINEERING

<i>Fourth Year</i>	
M.E. 5—Locomotives	3
M.E. 7—Int. Combustion Engines	3
M.E. 17—Refrigeration Engineering	3
M.E. 33—Aeronautical Engineering	3
M.E. 35—Petroleum Production Eng.	3
M.E. 84—Welding Engineering	3
T.A.M. 4 and 64—Hydraulics	3
T.A.M. 41—Advanced Mechanics	3
T.A.M. 43—Hydraulics Laboratory	3
T.A.M. 44—Testing Materials	3
T.A.M. 47—Engineering Analysis	3
T.A.M. 49—Advanced Dynamics and Vibrations	3
C.E. 89—Structural Engineering	3
M.E. 7—Int. Combustion Engines	3
M.E. 8—Railway Operation	3
M.E. 15—Eng. Thermodynamics	3
M.E. 17—Refrigeration Engineering	3
M.E. 34—Aeronautical Engineering	3
M.E. 54—Locom. and Car Design	3
M.E. 36—Petroleum Production Eng.	3
M.E. 84—Welding Engineering	3
T.A.M. 4 and 64—Hydraulics	3
T.A.M. 42—Engineering Materials	3
T.A.M. 43—Hydraulics Laboratory	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 152), except that Chem. 5 and Math. 10a-10b are substituted for Chem. 4 and Math. 2, 4, 6a.

Second Year

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.; or German or French	3 or 4
Phys. 3a—Physics Laboratory	1	Phys. 1b—General Physics	4
Physical Education	½	Phys. 3b—Physics Laboratory	1
Military Science (for Men)	1	T.A.M. 1—Analytical Mechanics	2
Approved Elective <i>or</i> German <i>or</i> French	3 or 4	Physical Education	½
		Military Science (for Men)	1
<i>Total</i>	17½ or 18½	<i>Total</i>	17½ or 18½

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 (Dynamics)	3	T.A.M. 63—Resistance of Materials 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 ¹	
Met. 99—Inspection Trip	0		Min. 90—Seminar	1	
Approved Elective	2		T.A.M. 4—Hydraulics	2	
			T.A.M. 64—Hydraulics Laboratory	1	
<i>Total</i>		16	<i>Total</i>		18 ¹

Curriculum in Mining Engineering

For the Degree of Bachelor of Science in Mining Engineering

First Year

Common Program for Freshmen (page 152).

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	1		Physical Education	1½	
			Military Science	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 Drainage	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

¹Students 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; <i>or</i> M.E. 87—Machine Tool Lab.	3	E.E. 12—Direct and Alternating Current Apparatus.	3
E.E. 11—Direct and Alternating Current Circuits	3	E.E. 62—Direct and Alternating Current Lab.	1
E.E. 61—Direct and Alternating Current 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—Mine Design.	3
Min. 22—Fuels.	3	Min. 25—Coal Preparation	2
Min. 99—Inspection Trip.	0	Approved Elective.	3 or 4
<i>Total</i>	<u>16</u>	<i>Total</i>	<u>17 or 18</u>

Curriculum in Public Health Engineering¹

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 prerequisites 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>	<u>19</u>	P.H. 73—Advanced Public Health.	2
		Pharmacology <i>or</i> Approved Elective.	3
		<i>Total</i>	<u>18</u>

Curriculum in Sanitary Engineering¹

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 ²	4		
<i>Total</i>	<u>18</u>	<i>Total</i>	<u>17</u>

¹Administered by the Department of Civil Engineering.

²Preferably 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

TO 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.¹ 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 83; for *buildings* used by this college, see page 70; for *clubs and societies* auxiliary to the curricula, see page 114; for *prizes*, see

¹The 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 180).

page 121; for *fees*, see page 98; for regulations concerning *unclassified students*, see page 90; for general University requirements for *graduation*, see page 103; for *special conferences and short courses*, see page 421.

The instructional program of the College of Agriculture is constantly enriched by close association with the work of the Agricultural Experiment Station (see page 424) and the Extension Service in Agriculture and Home Economics (see page 415). 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 153) 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, esthetic, 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 University's general requirements as to registration, residence, and fees, 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.

Graduation with Honors

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 153 and 154, 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 ¹
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>23-27¹</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.

¹For 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 except for restrictions in physical education and hygiene indicated under "Requirements for Graduation." 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	Chemistry 22, 50
Bacteriology 5a, 5b, 8, 10	Economics 3, 10, 43, 51, 61
Business Law 2	Mathematics 6a, 8a, 8b
Business Organization and Operation 2, 7, 8	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 to 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 ¹	6
Phys. 8a—General Physics Laboratory	1		
Electives ¹	3		
<i>Total</i>	16	<i>Total</i>	16

Fourth Year

Electives ¹	16	Electives ¹	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 to 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 to 3	Electives	0 to 3
<i>Total</i>	16 to 19	<i>Total</i>	16 to 19

¹Men 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 ¹	3-6
Electives ¹	0 to 3		
<i>Total</i>	15-18	<i>Total</i>	15-18

Fourth Year

Hort. 32a—Floral Decoration.....	3	Hort. 30—Tender Bedding Plants...	3
Electives ¹	12-15	Hort. 32b—Floral Decoration.....	3
		Land. Arch. 64—Appreciation of Landscape Architecture.....	3
		Electives ¹	6-9
<i>Total</i>	15-18	<i>Total</i>	15-18

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 ² ..	5 or 3	Rhet. 2—Rhetoric and Composition..	3
Rhet. 1—Rhetoric and Composition..	3	Math. 4—Trigonometry.....	2
Math. 3 or 2—Algebra ²	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>	16 to 18	<i>Total</i>	17

¹Men students must include physical education.

²Students 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 ¹	9	
Agronomy 25 and 28, and three hours selected from Agronomy 7, 8, 10, 11, 13, 22, 33, and 34.....	12	
Animal Husbandry 1, ² 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 1, 50, and 51.....	12	
Education 6 and 25.....	6	18
<i>IV. Prescribed Miscellaneous Courses:</i>		
Economics 2.....	3	
Hygiene 5.....	2	
Military Science.....	4	
Physical Education.....	2 ³	
Rhetoric 1 and 2.....	6	17
<i>V. Electives.....</i>		
		16 or 14 ³
<i>Total Required for Graduation</i>		130

¹Students who have had an acceptable shop course in high school should omit Agricultural Engineering 21.

²Students 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.

³For 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
Rhetoric 1	.....	3	Rhetoric 2	.....	3
Botany 5	.....	3	Chemistry 1 or 2	.....	5 or 3
Hygiene	.....	2	Entomology 1	.....	3
Military Science (for Men)	.....	1	Military Science (for Men)	.....	1
Physical Education	.....	1	Physical Education	.....	1
Other prescribed courses (see summary on page 174)	.....	<u>6-9</u>	Other prescribed courses (see summary on page 174)	.....	<u>3-8</u>
<i>Total</i>	.....	<u>16-19</u>	<i>Total</i>	.....	<u>16-19</u>

Second Year

Chemistry 5	.....	5	Psychology 1	.....	4
Military Science (for Men)	.....	1	Military Science (for Men)	.....	1
Physical Education	.....	1	Physical Education	.....	1
Other prescribed courses (see summary on page 174)	.....	<u>9-12</u>	Other prescribed courses (see summary on page 174)	.....	<u>10-13</u>
<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.

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.

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 B.S. degree in home economics education (page 180). 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 134). 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 ¹	3 or 5	Physiology 1 or 1a ¹	3 or 5
Chemistry 1 (or 2), 5, and 32.....	11 or 13	Psychology 1.....	4
Economics 2.....	3	Rhetoric 1 and 2.....	6
English Literature.....	6	Sociology 1.....	3
Home Economics:		Elective Social Studies ²	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		

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. (Home experience project in foods must be completed before graduation.) The following courses also are required: Chemistry 22, 33 (instead of 32), and 50; Bacteriology 5a and 5b; Physiology 1a.

(2) *Hospital Dietetics and Institution Management*.—Twelve hours selected from Home Economics 5, 20, 33, 35, 39a, 39b, 41, 46, 47, 48, 63, 90a, 90b. (For Hospital Dietetics, courses 5, 33, 41, 46, 47, 48 are required. For Institution Management, courses 5, 46, 47, 48, 63 are required.)

(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. (Home experience project in foods must be completed before graduation.)

¹Each student must take at least eight hours in physiology and bacteriology.

²Each student concentrating in household 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.

(4) *The Child and the Family*.—Six hours selected from Home Economics 40, 57a, 90a, 90b; and six hours selected from other advanced courses in home economics or from courses in sociology and psychology.

(5) *Textiles and Clothing*.—Twelve hours selected from Home Economics 30, 31, 42, 43a, 43b, 50, 51, 90a, 90b. (Home experience project in clothing construction must be completed before graduation.) Art 1b is also required.

(6) *Teacher Training*.—Students preparing for positions as teachers of home economics in high schools should arrange their programs for the junior and senior years so as to complete the requirements for certification by the State Superintendent of Public Instruction and in most cases by the State Board for Vocational Education. The courses prescribed for this purpose (see pages 180 and 181) may be taken by candidates for degrees in home economics either in the College of Agriculture or the College of Education.

Outline of Curriculum in Home Economics

First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Art 1a.....	2	Chemistry 5.....	5
Chemistry 1 or 2.....	5 or 3	Home Economics 4 or Hygiene 2....	2
Home Economics 1.....	1	Rhetoric 2.....	3
Home Economics 7.....	3	Physical Education.....	1
Hygiene 2 or Home Economics 4....	2	Electives ¹	5
Rhetoric 1.....	3		
Physical Education.....	1		
<i>Total</i>	<u>17-15</u>	<i>Total</i>	<u>16</u>

Second Year

Chemistry 32 or 33.....	3 or 5	Physiology 1 or 1a.....	3 or 5
Psychology 1.....	4	Sociology 1.....	3
Home Economics 56.....	3	English Literature.....	3 or 4
Economics 2.....	3	Group II courses ²	6 or 4
Physical Education.....	1	Physical Education.....	1
Electives.....	2 or 0		
<i>Total</i>	<u>16</u>	<i>Total</i>	<u>17</u>

Third and Fourth Years

In the third and fourth years each student will complete the prescribed courses in bacteriology, chemistry, English literature, 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, Home Economics 59, and a course in English literature in the first semester of their junior year.

¹Students who plan to take courses in home architecture, home furnishings, or costume design should include Art 1b.

²Students preparing for vocations in foods, hospital dietetics, household management, and teaching should include Home Economics 58 in the second semester of the sophomore year.

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 General Division. 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 83 and 91; for regulations concerning *unclassified students*, see page 90; for general University requirements for *graduation*, see page 103; for *fees*, see page 98; for *prizes*, see page 121; for *clubs and societies*, see page 114; for the *Bureau of Educational Research*, see page 432.

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 211). Those who desire positions as school librarians may obtain professional training in the Library School (see page 209). Special programs leading to the degrees of Master of Education and Doctor of Education are described on page 214.

Requirements for Graduation

Each candidate for a baccalaureate degree in the College of Education must meet the University's general requirements with respect to registration, residence, fees, military science, and physical education 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.

A. Prescribed Subjects:

Twenty hours in education, including the following courses: 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.

<i>Art</i>	<i>Geography.</i> —(Includes Geology.)
<i>Biology.</i> —(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.)	<i>German</i>
<i>Chemistry</i>	<i>History</i>
<i>Civics.</i> —(Includes Political Science and Sociology with a minimum of 8 hours in either subject.)	<i>Home Economics</i>
<i>Commercial Subjects.</i> —(Includes Accountancy, Business Organization and Operation, Business Law, Business Letter Writing.)	<i>Industrial Education.</i> —(Includes Industrial Arts.)
<i>Economics</i>	<i>Journalism.</i> —(As a second or third subject of specialization.)
<i>English.</i> —(Includes courses in English Literature, American Literature, and Rhetoric.)	<i>Latin</i>
<i>French</i>	<i>Mathematics</i>
<i>General Science.</i> —(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.)	<i>Music</i>
	<i>Physics.</i> —(Includes courses in Theoretical and Applied Mechanics.)
	<i>Physiology.</i> —(Includes Hygiene 10.)
	<i>Physical Education for Men</i>
	<i>Physical Education for Women</i>
	<i>Spanish</i>
	<i>Speech.</i> —(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 165) 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 ¹	9	
Agronomy 25 and 28, and three hours selected from Agronomy 7, 8, 10, 11, 13, 22, 33, and 34.....	12	
Animal Husbandry 1, ² 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 1, 50, and 51.....	12	
Education 6 and 25.....	6	18
<i>IV. Prescribed Miscellaneous Courses:</i>		
Economics 2.....	3	
Hygiene 5.....	2	
Military Science.....	4	
Physical Education.....	2 ³	
Rhetoric 1 and 2.....	6	17
<i>V. Electives.....</i>		16 or 14 ³
<i>Total Required for Graduation.....</i>		130

Curriculum in Art Education

(See page 191)

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 the College of Agriculture (see page 176) or in the College of Liberal Arts and Sciences (see page 130) 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 include Home Economics 3, 14, 19, 30, and 40, in addition to the courses prescribed in the following summary.

¹Students who have had an acceptable shop course in high school should omit Agricultural Engineering 21.

²Students 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.

³For 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.

Summary of Curriculum in Home Economics Education

	HOURS
Art 1a, 1b.....	4
Bacteriology 5a and/or 5b ¹	3-5
Chemistry 1 (or 2), 5, 32.....	11-13
Economics 2.....	3
Education 6, 10, 14 (Ed. Prac.), 25, Home Economics 11, and elective	20
English Literature.....	6
Home Economics:	
Group I.—Home Economics 1, 4, 7, 56.....	9
Group II.—Home Economics 2, 10, 29a, 29b, 56b, 58, 59.....	18
Group III.—Home Economics 5, 14, 30, 40 (minimum of 6 hours)...	6
Hygiene 2.....	2
Physical Education (4 semesters).....	0
Physiology 1 or 1a ¹	3-5
Psychology 1.....	4
Rhetoric 1, 2.....	6
Sociology 1.....	3
Open Electives.....	20-18
<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.

First Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Indus. Ed. 3—General Shop.....	4		Indus. Ed. 1—Woodwork.....	4	
G.E.D. 1—Elements of Drafting.....	4		Chem. 1 or 2—Inorganic Chemistry..	3 or 5	
Math. 2 or 3—Algebra.....	3 or 5		Math. 4—Trigonometry.....	2	
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 5.....	2		Electives.....	3	
<i>Total.....</i>	<i>18-20</i>		<i>Total.....</i>	<i>17-19</i>	

Second Year

Indus. Ed. 4—Advanced Metal Shop..	4	Indus. Ed. 2—Advanced Woodwork..	4
G.E.D. 2—Descriptive Geometry....	4	Econ. 1 or 2—Prin. of Economics....	5 or 3
Physics 7a and 8a—General Physics..	5	Physics 7b and 8b—General Physics..	5
M.E. 85—Pattern and Foundry Lab.	3	M.E. 87—Machine Tool Lab.....	3
or Journalism 4—Typography.....	(2)	Physical Education.....	1
Physical Education.....	1	Military Science (for Men).....	1
Military Science (for Men).....	1		
<i>Total.....</i>	<i>18</i>	<i>Total.....</i>	<i>19 or 17</i>

Third Year

Indus. Ed. 53—Problems of Indus. Ed.	3	M.E. 88—Machine Tool Lab. or Agr.	
Econ. 41—Labor Problems.....	3	Eng. 3—Gas Engines and Tractors	3
Ed. 25—Educational Psychology.....	3	E.E. 14—Wiring and Illumination...	3
Arch. 43—Technology of Materials... 3		Arch. 44—Technology of Materials..	3
Physical Education.....	1	Physical Education.....	1
Electives.....	3	Electives.....	5-8
<i>Total.....</i>	<i>16</i>	<i>Total.....</i>	<i>15-18</i>

¹A total of 8 hours must be taken from these two courses.

Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Indus. Ed. 62—History and Organization of Industrial Arts.....	3		Indus. Ed. 41—Principles of Voc. Ed. . . .	3	
Indus. Ed. 52—Part-time Schools. . . .	3		Indus. Ed. 57—Shop Instruction	3	
Ed. Elective.....	3-6		Ed. Prac. 16—Supervised Teaching..	5	
Physical Education.....	1		Ed. 10—Technic of Teaching.....	3	
Electives.....	5		Physical Education.....	1	
<i>Total</i>	15-18		Electives.....	3	
			<i>Total</i>	18	

Curriculum in Music Education

(See page 195)

Curriculum in Physical Education for Men

(See page 205)

Curriculum in Physical Education for Women

(See page 207)

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. General Education:

	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>	35

<i>II. Professional Education:</i>	HOURS
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>	16
<i>III. Major (one)</i> ¹	32
<i>IV. Minor (one)</i> ¹	16
Three minors, two of which are in related fields, will be accepted in lieu of one minor and one major.	
<i>V. Electives</i>	21
<i>Total</i>	120

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 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 6,000 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.—Pupils are admitted to the University High School on the following plans:

1. Graduation from eighth grade. No examinations are required.

¹The 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.

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.

4. Special Freshmen: A few pupils who have completed the first seven grades, or the equivalent, are admitted as special freshmen. Elementary school records, scores on achievement tests, and a health examination are the bases for the selection of superior pupils for this class.

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.

Fees.—The tuition fee is \$25 a semester. A fee of \$1.50 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 fee for the summer session. A charge of \$5 is assessed each student who registers in typewriting. 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.

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

ART, 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 83; for general University requirements for *graduation*, see page 103; for regulations concerning *unclassified students*, see page 90; for *museums and collections*, see page 74; for *clubs and societies* auxiliary to the curricula, see page 114; for *prizes*, see page 121; for *fees*, see page 98; for the *Bureau of Community Planning*, see page 433; for *special conferences and short courses*, see page 423.

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 1943-1944.

Requirements for Graduation

Students who meet the general University requirements with respect to registration, residence, scholarship, and fees, 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.

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 for Teachers' Certificates

Candidates for the degree of Bachelor of Science in Music Education or Bachelor of Fine Arts in Art Education are required to take courses in education totaling sixteen semester hours, including at least five hours in practice teaching of their major subject, and a minimum of sixteen hours in another teaching subject, so as to qualify for certificates as teachers in the public schools of Illinois.

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 1943-1944.)

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 archi-

tectural 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 17,551 volumes on architecture and the allied arts, together with 17,730 lantern slides, 14,508 mounted photographs and drawings, 10,000 clippings, 1,000 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 two years of the curriculum are basic and cultural, and at the beginning of the third 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, and the Civil Engineering Surveying Building. Instruction in occupational therapy is given in Mumford House.

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 through his course (except the third and fourth years of the curriculum in music education) two applied subjects: one a *major* (piano, voice, etc.) in which two 30-minute lessons a week are taken, the other a *minor* in which one 30-minute lesson a week is taken. 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 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 sound-proof 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

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Arch. 15—History of Architecture....	2		Arch. 16—History of Architecture... 2	2	
Arch. 35—Architectural Design.....	5		Arch. 36—Architectural Design.....	5	
Arch. 45—Graphic Statics.....	3		Arch. 46—Graphic Statics.....	3	
Arch. 65—Theory of Architecture....	1		Arch. 66—Theory of Architecture... 1	1	
E.E. 90—Building Lighting.....	1		Arch. 55—Building Sanitation.....	1	
Art 23a—Freehand Drawing.....	2		Art 23b—Freehand Drawing.....	2	
French ¹	4		French ¹	4	
Physical Education for Men.....	1		Physical Education for Men.....	1	
<i>Total</i>	19		<i>Total</i>	19	

Fourth Year

Arch. 17—History of Architecture... 2	2	Arch. 18—History of Architecture... 2	2
Arch. 37—Architectural Design..... 7	7	Arch. 38—Architectural Design..... 7	7
Arch. 68—Specifications..... 3	3	Arch. 60—Concrete..... 2	2
Arch. 99—Inspection Trip..... 0	0	Art 50—Modeling..... 2	2
Art 24a—Freehand Drawing..... 2	2	Art 24b—Freehand Drawing..... 2	2
M.E. 25—Heating and Ventilating... 2	2	Physical Education for Men..... 1	1
Physical Education for Men..... 1	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**

Arch. 31—Architectural Design..... 3	3	Arch. 32—Architectural Design..... 3	3
Art 21a—Freehand Drawing..... 2	2	Art 21b—Freehand Drawing..... 2	2
G.E.D. 7—Architectural Projections.. 2	2	G.E.D. 8—Architectural Projections 2	2
Rhet. 1—Rhetoric and Composition.. 3	3	Rhet. 2—Rhetoric and Composition.. 3	3
Math. 2—College Algebra..... 3	3	Math. 6a—Analytic Geometry..... 4	4
Math. 4—Trigonometry..... 2	2	Hygiene..... 2	2
Physical Education..... 1	1	Physical Education..... 1	1
Military Science (for Men)..... 1	1	Military Science (for Men)..... 1	1
<i>Total</i>	17	<i>Total</i>	18

Second Year

Arch. 13—History of Architecture... 2	2	Arch. 14—History of Architecture... 2	2
Arch. 33—Architectural Design..... 3	3	Arch. 34—Architectural Design..... 3	3
Art 22a—Freehand Drawing..... 2	2	Art 22b—Freehand Drawing..... 2	2
Math. 7—Differential Calculus..... 5	5	Math. 9—Integral Calculus..... 3	3
Physics 7a—General Physics..... 4	4	Physics 7b—General Physics..... 4	4
Physics 8a—General Physics Lab.... 1	1	Physics 8b—General Physics Lab.... 1	1
Physical Education..... 1	1	T.A.M. 1—Analytical Mech. (Statics) 2	2
Military Science (for Men)..... 1	1	Physical Education..... 1	1
		Military Science (for Men)..... 1	1
<i>Total</i>	19	<i>Total</i>	19

Third Year

Arch. 15—History of Architecture... 2	2	Arch. 16—History of Architecture... 2	2
Arch. 43—Technology of Materials... 3	3	Arch. 44—Technology of Materials.. 3	3
Arch. 45—Graphic Statics..... 3	3	Arch. 46—Graphic Statics..... 3	3
T.A.M. 3—Resistance of Materials... 3	3	T.A.M. 2—Analytical Mechanics... 3	3
T.A.M. 63—Res. of Materials Lab... 1	1	Language or Elective..... 4	4
Language or Elective..... 4	4	Physical Education for Men..... 1	1
E.E. 14—Wiring and Illumination... 3	3	Elective..... 3	3
Physical Education for Men..... 1	1		
<i>Total</i>	20	<i>Total</i>	19

¹See requirements in foreign language, page 186.

Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
Arch. 47—Steel Construction.....	5		Arch. 48—Steel Construction.....	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 work of the first two years is common to all options of the curriculum in art except Industrial Design.

First Year

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

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	2	Art 32b—Elements of Composition.. 2	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
Elective.....	4	Elective.....	4
<i>Total</i>	16-17	<i>Total</i>	16-17

OPTION IN PAINTING

For the Degree of Bachelor of Fine Arts in Painting

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	5	Art 30—Life Drawing and Portrait.. 5	5
Art 33a—Intermediate Composition.. 3	3	Art 33b—Intermediate Composition.. 3	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	4	Art 34b—Advanced Composition... 4	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
Elective.....	1-5	Elective.....	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***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 10a—Course for Teachers	3		Art 10b—Course for Teachers	3	
Art 33a—Intermediate Composition	3		Art 33b—Intermediate Composition	3	
Psych. 1—Introd. to Psychology	4		Art 9—Applied Art Methods	3	
Physical Education for Men	1		Ed. 25—Educational Psychology	3	
Elective ¹	3-4		Physical Education for Men	1	
			Elective ¹	3-4	
<i>Total</i>		16-17	<i>Total</i>		18-19

Fourth Year

Art 17—History of Art and Culture—			Art 18—History of Art and Culture—		
Renaissance in France, Spain, and			Modern Period	2	
England	2		Ed. 6—Prin. of Secondary Education	3	
Ed. 10—Technic of Teaching	3		Ed. Prac. 9	5	
Physical Education for Men	1		Physical Education for Men	1	
Elective ¹	7-10		Elective ¹	2-5	
<i>Total</i>		13-15	<i>Total</i>		13-15

OPTION IN COMMERCIAL DESIGN

*For the Degree of Bachelor of Fine Arts in Commercial Design***Third Year**

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		Elective	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	
Elective	4-5		Elective	5-6	
<i>Total</i>		15-16	<i>Total</i>		15-17

¹A minimum of 16 hours for a second teaching subject is required.

OPTION IN INDUSTRIAL DESIGN

For the Degree of Bachelor of Fine Arts in Industrial Design

FIRST SEMESTER		Second Year		SECOND SEMESTER	
	HOURS		HOURS		HOURS
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) <i>or</i>		M.E. 85—Patterns and Foundry (3)	
Home Econ. 7—Selection and Care		<i>or</i> Home Econ. 19—Costume De-	
of Textiles (3)	3-4	sign (2)	2-3
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

Art 19a—Hist. of Art in Industry	2	Art 19b—Hist. of Art in Industry	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 Tools (3) <i>or</i>		M.E. 88—Machine Tools <i>or</i> Home	
Arch. 75—Frame Construction (2)	2-3	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

This curriculum, which requires 130 semester hours for graduation, is designed chiefly for students who wish to prepare themselves for practicing landscape architecture as a profession which includes some aspects of community planning. Accordingly, several courses in architecture, surveying, regional planning, and urban planning are required, as shown in the following outline, and additional courses in these subjects may be elected.

First Year

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

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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	
Elective.....	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	
Elective.....	0-2		Elective.....	0-3	
<i>Total</i>		14-16	<i>Total</i>		14-16

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 per 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	
<i>Total</i>		15-16	<i>Total</i>		17-18

Second Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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>	<u>17-19</u>		<i>Total</i>	<u>17-19</u>	

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	1/2	Music 30b—Ensemble	1/2
Music 9—Analysis, Musical Form	2	Music 10—Analysis, Musical Form	2
Physical Education for Men	1	Physical Education for Men	1
Elective ¹	4-5	Elective ¹	4-5
<i>Total</i>	<u>15 1/2-16 1/2</u>	<i>Total</i>	<u>15 1/2-16 1/2</u>

Fourth Year

Major Applied Music Subject	4-5	Major Applied Music Subject	4-5
Music 6a—Free Counterpoint ²	2	Music 6b—Free Counterpoint ²	2
Music 32—Adv. History of Music	2	Music 33—Adv. History of Music	2
Music 31a—Ensemble	1/2	Music 31b—Ensemble	1/2
Physical Education for Men	1	Physical Education for Men	1
Electives ¹	1-6	Electives ¹	5
<i>Total</i>	<u>10 1/2-16 1/2</u>	<i>Total</i>	<u>14 1/2-16 1/2</u>

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 per 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. Two years of high school language are equivalent to eight hours of University credit in language.

Third Year

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	1/2	Music 30b—Ensemble	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>	<u>14 1/2-15 1/2</u>	<i>Total</i>	<u>14 1/2-15 1/2</u>

¹All students expecting to teach in the public schools must elect the following courses: Psychology 1 (4 hours); Education 25 (3 hours); Education 6 (3 hours); Education 10 (3 hours); Ed. Prac. 20 (5 hours); music method courses, at least 2 hours; and a sufficient number of hours to make a second teaching subject of 16 hours.

²Music 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.

Fourth Year

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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.....		½	Music 31b—Ensemble.....		½
Physical Education for Men.....		1	Physical Education for Men.....		1
Electives.....		6-7	Electives.....		3-7
<i>Total.....</i>		<u>15½</u>	<i>Total.....</i>		<u>12½-16½</u>

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

Applied music subjects must include two years of Piano (first two years) and at least two semesters of Voice. Applied music subjects should have 18-20 hours of major credit in one subject, and 8 hours of minor credit, which must be in one subject.

First and Second Years

(Same as Instrumental Major on page 193)

Third Year

Music 25—Elementary and High School Music.....	2	Music 26—Senior High School Choral Music.....	2
Music 68a—String Instruments.....	2	Music 68b—String Instruments....	2
Music 98a—Wind Instruments.....	2	Music 98b—Wind Instruments.....	2
Music 5a—Advanced Harmony.....	2	Music 5b—Advanced Harmony....	2
Music 13—Appreciation (Opera)....	2	Music 14a—Appreciation (Symphonies).....	2
Music 30a—Ensemble.....	½	Music 30b—Ensemble.....	½
Psychology 1.....	4	Education 25.....	3
Physical Education for Men.....	1	Physical Education for Men.....	1
Electives ¹	2-3	Electives ¹	2-3
<i>Total.....</i>	<u>17½</u>	<i>Total.....</i>	<u>16½</u>

Fourth Year

Music 15—Instrumentation.....	1	Music 16—Instrumentation.....	1
Music 31a—Ensemble.....	½	Music 31b—Ensemble.....	½
Music 95c—Conducting.....	2	Music 27—Instrumental School Music.....	2
Ed. Prac. 20.....	5	Education 6.....	3
Education 10.....	3	Physical Education for Men.....	1
Physical Education for Men.....	1	Electives ¹	6-7
Electives ¹	1-6	<i>Total.....</i>	<u>13½</u>
<i>Total.....</i>	<u>11½-16½</u>		

¹A minimum of 16 hours for a second teaching subject is required.

THE UNIVERSITY BANDS

THE UNIVERSITY BANDS 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

IN 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 83 and 92; for general University requirements for *graduation*, see page 103; for regulations concerning *unclassified students*, see page 90; for *prizes*, see page 121; for *fees*, see page 98. 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.

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 more than 70,000 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 5,000 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. As the social sciences provide an excellent background for law, students carrying majors in other fields should take as much work as possible in the social sciences.

Attention is called to the curriculum in the Division of General Studies of the College of Liberal Arts and Sciences which affords desirable preparation for the study of law. 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 per 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.

Three-Year Curriculum in Law

First Year			
FIRST SEMESTER	HOURS	SECOND SEMESTER	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>	15	<i>Total</i>	15

Four-Year Curriculum in Law

Only the prescribed courses of the first year of the four-year program are here outlined. Beyond the usual law courses, open alike to students in the three-year and four-year curricula, it is planned that registration in a course in jurisprudence and in seminars devoted to the development of a synthesis of the law with allied fields will be required of advanced students in the four-year curriculum.

First Year			
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>	15	<i>Total</i>	15

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 cur-

riculum (84 credit hours) and has received grades averaging at least "C" (3.) in all courses taken in the College of Law.

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 courses offered in the college, 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, 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 term to those students in the College of Law who have made the highest averages in their law work in the two preceding terms 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 terms, 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 term 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 204.)

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 83 and 92; for *fees*, see page 98; for *honors*, see page 106; for *prizes*, see page 121; for *clubs and societies*, see page 114; for regulations concerning *unclassified students*, see page 90; for general University requirements for *graduation*, see page 103; for *conferences and short courses*, see page 423.

Journalism Library, Laboratories, and Equipment

A branch of the University Library is located in Gregory Hall, consisting of approximately 3,000 volumes especially selected for the students in journalism. It receives 40 daily newspapers and 90 magazines. The reading room has 80 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 about 100 fonts of type. The room designed for the production of the

Illini Observer, 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 two laboratories 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

FIRST SEMESTER		THIRD YEAR		SECOND SEMESTER	
	HOURS		HOURS		HOURS
Journ. 4—Typography	2	Journ. 6—Reporting	3	Journ. 18—Press and Public Opinion	3
Journ. 5—Reporting	3	Journ. 17—History of Journalism	3	Journalism electives	3
Journ. 17—History of Journalism	3	Advanced Social Studies	5	Advanced Social Studies	3
Advanced Social Studies	5	Electives	3	Electives	4
Electives	3	<i>Total</i>	16	<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—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 ¹	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—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 ²	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	2
Journ. 43—Circulation and Promotion	3	Advanced Social Studies	5
Advanced Social Studies	5	Electives	6
Electives	2	<i>Total</i>	16
<i>Total</i>	16	<i>Total</i>	16

¹Economics 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.²Accountancy 1a or 12 must be elected by students who did not present a course in accountancy for entrance to the School of Journalism.

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 84).

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

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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

FIRST SEMESTER		HOURS	SECOND SEMESTER		HOURS
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, coaching athletics, 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 83; for *fees*, see page 98; for *clubs and societies* auxiliary to the curricula, see page 114; for regulations concerning *unclassified students*, see page 90; for general University requirements for *graduation*, see page 103.

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, which measure strength, endurance, flexibility, and balance, 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 occupies three or four 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

HOURS		HOURS	
Sociol. 1—Principles of Sociology	3	Ed. 25—Educational Psychology	3
Ed. 6—Principles of Secondary Education	3	Ed.Prac. 1—P.E. for Men	3
Ed. 10—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	HEALTH AND SAFETY
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. 18—Curriculum in Sports . . . 3
P.E.M. 13—Program in Extracur- ricular Sports 3	P.E. 71—Safety Education 2
P.E.M. 16—History of Sports 2	P.E.M. 73—Tests and Measurements in Health and Physical Education 3
P.E.M. 18—Curriculum in Sports . . . 3	P.E.M. 74—Health Education 3
P.E. 71—Safety Education 2	P.E.M. 76—Philosophy of Recreation 3
P.E.M. 78—Advanced Football 2	
P.E.M. 79—Advanced Basketball 2	
PHYSICAL EDUCATION	RECRÉATION
P.E.M. 5—Theory of Prescribing Sports 2	P.E.M. 5—Theory of Prescribing Sports 2
P.E.M. 7—Training and First Aid . . . 2	P.E.M. 6—Wrestling, Boxing, Fencing 2
P.E.M. 9—School Program in Health 3	P.E.M. 7—Training and First Aid . . . 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 Sport 2
P.E.M. 19—Recreational Leadership . . 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

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, Tumbling, and Softball).....		2
P.E.W. 70a—(Orientation, Swimming, Hockey, and Basketball).....		2	Hygiene 2 or Elective.....		2
Hygiene 2 or Elective		2	Electives ¹		9
Electives ¹		3			
<i>Total</i>		15	<i>Total</i>		16

Second Year

Psych. 1—Introduction to Psychology	4	Physiol. 3b—Physiological Anatomy	5
Speech 1—Effective Speaking.....	3	P.E.W. 71b—(Folk Dancing, Gym- nastics, Apparatus, and Tennis)...	2
Physiol. 3a—Physiological Anatomy..	5	P.E.W. 82—Teaching of Swimming..	1
P.E.W. 71a—(Tap Dancing, Soccer, Gymnastics, and Apparatus).....	2	Bacteriology or Botany.....	3 or 5
Electives ¹	3	Electives ¹	6 or 4
<i>Total</i>	17	<i>Total</i>	17

Third Year

Ed. 25—Educational Psychology....	3	Ed. 6—Principles of Secondary Education.....	3
P.E.W. 81—Games for Elementary Schools.....	2	P.E.W. 62—Rhythms.....	3
P.E.W. 83a—(American Square and Social Dancing).....	1	P.E.W. 83b—(Badminton and Golf)	1
P.E.W. 95a—Teaching of Sports....	4	P.E.W. 95b—Teaching of Sports....	4
P.E.W. 96a—Kinesiology.....	3	P.E.W. 96b—Kinesiology.....	3
P.E.W. 97—Tests and Measurements.	3	Electives ²	2
Electives ²	3		
<i>Total</i>	16	<i>Total</i>	16

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.	2
P.E.W. 93a—(Speedball, Volleyball)..	1	P.E.W. 93b—(Volleyball and Tennis or Golf or Archery).....	1
P.E.W. 98—Theory of Individual and Remedial Gymnastics.....	3	P.E.W. 99—School Health and First Aid.....	3
Electives ²	7	Electives ²	7
<i>Total</i>	17	<i>Total</i>	16

¹Electives recommended for the first and second years are English, foreign languages, history, library science, mathematics, and sciences.

²Electives recommended for the third and fourth years are education, philosophy, and sociology.

The Library School

FOR COLLEGE GRADUATES PREPARING FOR LIBRARIANSHIP as a profession, 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 methods of work in libraries and affords some specialization for work in public libraries, school libraries, and college and university libraries. 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 Arts or 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 83 and 92; for an account of the *Library*, see page 72; for *honors*, see page 106; for *fees*, see page 98; for *courses*, see page 310.

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

Students who intend to apply for admission to the Library School are advised to select courses in their undergraduate program which will build up their knowledge of a wide range of subject-matter. Two or three years of college study in French and German are desirable, in addition to two years of high school Latin or one year of college Latin. Since successful library work requires a broad cultural background, the student should select courses which will make him familiar with the history and development of the literature of many fields of knowledge. In addition to a general education, specialized knowledge in almost any subject is helpful. School authorities, for example, generally prefer school librarians who are also qualified to teach. Other types of special libraries, such as scientific, hospital, business, law, and newspaper libraries, call for preparation in their specific subject fields. Consequently, an effort should be made to maintain a strong major subject in the junior and senior years of pre-professional study, and the student's record in all subjects should be high enough to assure satisfactory progress in the Library School.

Previous experience in a library, while not required for admission, is strongly recommended. Applicants must have the personal qualifications necessary for working effectively in an environment of people and books. The ability to operate a typewriter is practically essential, and a knowledge of business correspondence methods and report writing is expected. Training in speech is also highly desirable.

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 for the Degree of B.S. in Library Science

The following one-year curriculum is open to college graduates who meet the requirements for admission to the Library School. In the first semester all full-time students ordinarily register for 15 hours of required courses as listed below. In the second semester each student may follow one of the suggested programs shown below, or may arrange his own program of at least 15 hours to include the recommended courses and other elective courses according to his needs and interests.

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
<i>Required Courses</i>		<i>Recommended Courses</i>	
2a—Reference and Bibliography.....	4	2b—Reference.....	3
20—Backgrounds for Librarianship...	2	37—Cataloging.....	2-3
22—Introduction to Library Adm....	2	38b—Selection of Books.....	3
31a—Cataloging.....	2	<i>Elective Courses</i>	
36—Classification.....	2	21—Printing and Binding.....	2
38a—Selection of Books.....	3	23—Public Library Adm.....	3
<i>Total</i>	15	33b—College Library Adm.....	3
		39—Introduction to Government	
		Publications.....	2
		46—High School Library Adm.....	3
		51—Books and Libraries.....	3
		52—Reading Guidance.....	2
		54—Audio-Visual Aids.....	3
		55—Children's Literature.....	3
		97—Individual Problems.....	1-3

SUGGESTED PROGRAMS FOR SECOND SEMESTER

For General Library Work:

2b—Reference.....	3
23—Public Library Administration; or 33b—College Library Adm.	3
or 46—High School Library Adm....	3
37—Cataloging.....	2-3
38b—Selection of Books.....	3
Electives.....	3-4
<i>Total</i>	15-16

For College and University Library Work:

2b—Reference.....	3
33b—College Library Adm.....	3
37—Cataloging.....	3
38b—Selection of Books.....	3
Electives.....	3-4
<i>Total</i>	15-16

For Public Library Work:

2b—Reference.....	3
23—Public Library Administration...	3
37—Cataloging.....	2-3
38b—Selection of Books.....	3
Electives.....	3-4
<i>Total</i>	15-16

For School Library Work:

2b—Reference.....	3
37—Cataloging.....	2-3
38b—Selection of Books.....	3
46—High School Library Adm.....	3
Electives.....	3-4
<i>Total</i>	15-16

Library Visits.—All candidates for the degree of B.S. in library science are required to visit libraries, book binderies, and printing establishments in Chicago, St. Louis, or other large cities. During this visit, which occupies one week, the students are accompanied by members of the faculty. Each student's expense for this week is about \$30.

Graduate Work for the Degree of A.M. or M.S. in Library Science

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 Arts or Master of Science in library science. Each student's program is determined by his previous experience and his individual purposes. The eight units of 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

FACILITIES 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

ARTHUR CUTTS WILLARD, B.S., D.Eng., LL.D., President of the University
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
ALBERT WILLIAM ARON, Ph.D., Professor of German
CLARENCE ARTHUR BERDAHL, Ph.D., Professor of Political Science
JOHN THEODORE BUCHHOLZ, Ph.D., Professor of Botany
REYNOLD CLAYTON FUSON, Ph.D., Professor of Organic Chemistry
HENNING LARSEN, Ph.D., Professor of English
HAROLD HANSON MITCHELL, Ph.D., Professor of Animal Nutrition
EDWIN HEWETT REEDER, Ph.D., Professor of Education
ELMER ROBERTS, Ph.D., Professor of Animal Genetics
HIRAM THOMPSON SCOVILL, A.B., C.P.A., Professor of Accountancy
HARLEY JONES VAN CLEAVE, Ph.D., Professor of Zoology
WILBUR M. WILSON, M.M.E., C.E., Research Professor of Structural Engineering
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 per 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 October 15), 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

MILITARY 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. Nearby 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 has two Units operating under the Commandant for administration and military training. The Specialized Training and Reclassification Unit which receives enlisted men who are candidates for the program, tests them and classifies them for their proper places in the program, rejects those not qualified, and transfers, under directions from the War Department, the successful candidates to institutions where vacancies exist. The regular A.S.T.P. Unit covers the fields of engineering and languages. The basic engineering is essentially the same as the freshman and sophomore work; the advanced engineering corresponds to the junior and senior work. The Areas and Language courses correspond to junior and senior work for men who are fluent in a foreign language. There is also a section which corresponds to graduate work both in engineering and language.

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, 1944. 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 410). Courses given during the current year in the Colleges of Medicine, Dentistry, and Pharmacy are listed under those colleges (see page 352).

The following list of courses offered at Urbana in 1943-1944 (including the 1943 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.

AGRICULTURAL ADMINISTRATION

Professor SPITLER, Associate Professor KEILHOLZ¹

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 1943-1944. Associate Professor KEILHOLZ.]
- [6. AGRICULTURAL EXTENSION.—II, (2). *Prerequisite:* Junior standing. Not given in 1943-1944. Professor SPITLER.]

AGRICULTURAL ECONOMICS

Professors: CASE (Head of the Department), LLOYD (Emeritus),
HUELSON, STEWART, NORTON, ASHBY, JOHNSTON, JORDAN, ROSS,
WORKING, BARTLETT,² LINDSTROM.

Associate Professors: WILCOX.

Assistant Professors: HANNAH.³

Associates: REISS, KELLY.

Assistants: THOMPSON,³ SNYDER.

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 1943-1944. 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. I, (3). *Prerequisite:* Sophomore standing. 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. S and 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, JOHNSTON, 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 1943-1944. Professor WORKING.]
- [8. AGRICULTURAL PRICES.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. Professor WORKING.]
- [10. ECONOMIC RELATIONSHIPS OF AGRICULTURE.—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. Professor STEWART.]
- [14. COOPERATION IN AGRICULTURE.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. Professor BARTLETT.]
15. FINANCING AGRICULTURE.—Capital and credit needs of farmers, agencies supplying credit needs, problems of borrowers and lenders. I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor NORTON.
- [17. ECONOMIC HISTORY OF AGRICULTURE.—I, (2). *Prerequisite:* Economics 1 or 2. Not given in 1943-1944.]

¹On leave of absence beginning December 1, 1943.

²On leave of absence for the year.

³On leave of absence for war service.

- [18. LAND ECONOMICS.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. Professor STEWART.]
- [22. TYPES AND SYSTEMS OF FARMING.—I, (3). *Prerequisite:* Agricultural Economics 20. Not given in 1943-1944. Associate Professor WILCOX.]
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, (3). *Prerequisite:* Agricultural Economics 20; junior standing. Professor JOHNSTON, Mr. REISS.
- [26. FARM ADMINISTRATION.—I, (3). *Prerequisite:* Agricultural Economics 20; senior standing. Not given in 1943-1944. 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 1943-1944. 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 1943-1944. Professor BARTLETT.]
- [36. MARKETING HORTICULTURAL PRODUCTS.—I, (3). *Prerequisite:* Agricultural Economics 30, or twelve hours of horticulture; senior standing. Not given in 1943-1944.]
- [37. MARKETING LIVESTOCK.—II, (2). *Prerequisite:* Agricultural Economics 30, or consent of instructor; junior standing. Not given in 1943-1944. Professor ASHBY.]
- [42. FARM APPRAISALS.—Same as Agronomy 35. II, (5). *Prerequisite:* Agronomy 28 and Agricultural Economics 20, or their equivalents. Not given in 1943-1944. 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, ($\frac{1}{2}$ unit). Not given in 1943-1944.]
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, ($\frac{1}{2}$ 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. I and II, (1 unit). Professor STEWART.

111. AGRICULTURAL PRICES AND STATISTICS.—I. Sources and methods of collection and analysis of prices and other agricultural statistics; trend fitting, linear and curvilinear multiple correlation, analysis of variance and sampling. II. Prices of agricultural products in the light of their history, value theory, monetary theory, and methods of statistical analysis. Continuous through I and II, (1 unit). 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.—Evaluation of contributions to the field of farm management, with emphasis on recent research methods, procedures, and results. II, (1 unit). 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.—A survey of historical and current research in rural sociology and its application to the solution of rural social problems as related to rural organizations and institutions. The theory and practice of rural sociology for the use of graduate students in rural sociology, agricultural economics, and related fields. II, (1 unit). Professor LINDSTROM.

AGRICULTURAL ENGINEERING

Professors: LEHMANN (Head of the Department), CARTER, SHAWL.

Associate Professors: YOUNG.

Associates: REED,¹ RAMSER.

Assistants: HUBER.¹

Cooperating: Assistant 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. S and I, (3). *Prerequisite:* Agricultural Engineering 1. Professor SHAWL; (S, Associate Professor YOUNG).
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. II, (3). *Prerequisite:* Agricultural Engineering 1. Professor SHAWL.
- [3s. GAS ENGINES AND TRACTORS.—I and II, (3). *Prerequisite:* Agricultural Engineering 1. Not given in 1943-1944. Professor SHAWL.]
- [11. DAIRY EQUIPMENT AND MACHINERY.—II, (2). *Prerequisite:* Agricultural Engineering 1. Given in alternate years; not given in 1943-1944. Associate Professor YOUNG.]
- [20. FARM CONCRETE AND CONSTRUCTION.—I, (2). *Prerequisite:* Agricultural Engineering 1. Not given in 1943-1944. Professor CARTER.]

Courses for Advanced Undergraduates

- [4. FARM BUILDINGS.—II, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Not given in 1943-1944. 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).

¹On leave of absence for war service.

- [12. FARM HOME EQUIPMENT AND RURAL ELECTRIFICATION.—II, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Given in 1943-1944 and in alternate years. Professor LEHMANN.]
- [14. RURAL ELECTRIFICATION.—S and II, (3). *Prerequisite:* Agricultural Engineering 1, or consent of instructor; junior standing. Given in alternate years; not given in 1943-1944. Professor LEHMANN.]
- [17. HARVESTING MACHINERY.—II, (3). *Prerequisite:* Agricultural Engineering 2; junior standing. Given in alternate years; not given in 1943-1944. 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. 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 Professor YOUNG, Assistant Professor HENDERSON.
- [28. ADVANCED GAS ENGINES AND TRACTORS.—I, (3). *Prerequisite:* Agricultural Engineering 3; consent of instructor. Not given in 1943-1944. Professor SHAWL.]

Courses for Advanced Undergraduates and Graduates

42. HYDRAULICS OF SOIL AND WATER CONSERVATION.—Water sheds, run-off studies, cross sections of gullies; capacities of structures, terraces, and terrace outlets; design of structures; constructing terraces; machines used on erosion control; estimating costs and benefits of various methods of control. I, (3). *Prerequisite:* Civil Engineering 15; Theoretical and Applied Mechanics 4 and 64; credit or registration in Civil Engineering 50, 62, and 63. Given in 1943-1944 and in alternate years. Professor LEHMANN.
- [43. FARM POWER.—I, (3). *Prerequisite:* Mechanical Engineering 10 or 13. Given in alternate years; not given in 1943-1944. Mr. RAMSER.]
- [44. DESIGN OF AGRICULTURAL MACHINERY.—II, (3). *Prerequisite:* Mechanical Engineering 41; consent of instructor. Given in alternate years; not given in 1943-1944. Mr. RAMSER.]
- [45. ADVANCED FARM STRUCTURES.—II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63; Civil Engineering 61. Given in alternate years; not given in 1943-1944. 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 Department), BAUER, DETURK, R. S.

SMITH, WOODWORTH, DUNGAN, NORTON, SEARS, KOEHLER, WIMER.

Associate Professors: CRANE, BONNETT, GIESEKING.

Assistant Professors: SHERWOOD,¹ STAUFFER, FUELLEMAN.

Associates: BOLIN, APPLEMAN, G. D. SMITH.¹

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, and SEARS.
- (b) CROPS.—Professors BURLISON, WOODWORTH, DUNGAN, and KOEHLER, Associate Professor 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.

¹On leave of absence for war service.

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. S and I, (5). *Prerequisite*: Chemistry 5; Geology 44. Professor WIMER, Associate Professor CRANE.
- [34. CROP QUALITY.—II, (3). *Prerequisite*: Botany 5. Not given in 1943-1944. Professor DUNGAN, Mr. BOLIN.]

Courses for Advanced Undergraduates and Graduates

7. CROP PRODUCTION AS AFFECTED BY ENVIRONMENTAL FACTORS.—Ecological behavior of farm crops. Lectures and assigned readings. I, (3). *Prerequisite*: Agronomy 25; junior standing. Professors BURLISON and DUNGAN.
- [8. FORAGE CROPS.—II, (3). *Prerequisite*: Agronomy 25. Not given in 1943-1944. Assistant Professor FUELLEMAN.]
- [10. GENESIS, MORPHOLOGY, CLASSIFICATION, AND GEOGRAPHY OF SOILS.—II, (3). *Prerequisite*: Agronomy 28; junior standing. Not given in 1943-1944. Professor R. S. SMITH.]
- [11. ROLE OF MICROORGANISMS IN SOIL FERTILITY.—I, (3). *Prerequisite*: Agronomy 28; Bacteriology 5a; junior standing. Not given in 1943-1944. Professor SEARS.]
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. II, (3). *Prerequisite*: Agronomy 28; senior standing. Professor BAUER.
14. GRAIN GRADING AND MARKETING.—See Agricultural Economics 31.
22. IMPROVEMENT OF FARM CROPS BY BREEDING.—Hereditry and variation in crop plants, effects of self- and cross-fertilization, principles and results of selection and hybridization in crop improvement. Lectures, readings, and demonstrations. S and II, (3). *Prerequisite*: Agronomy 25; junior standing. Associate Professor BONNETT, Mr. BOLIN.
- [29. PRINCIPLES OF FIELD PLOT EXPERIMENTATION.—I, (3). *Prerequisite*: Senior standing. Given in alternate years; not given in 1943-1944. Professor WOODWORTH.]
- [30. METABOLISM OF SOIL MICROORGANISMS.—II, (3). *Prerequisite*: Bacteriology 5a-5b (or 20); Chemistry 32; junior standing. Given in alternate years; not given in 1943-1944. Professor SEARS.]
- [31. BIOLOGICAL METHODS OF SOIL INVESTIGATIONS.—II, (3). *Prerequisite*: Agronomy 11; senior standing. Not given in 1943-1944. Professor SEARS, Dr. APPLEMAN.]
- [32. PHYSICAL METHODS OF SOIL INVESTIGATION.—I, (3). *Prerequisite*: Agronomy 28; junior standing. Not given in 1943-1944. Assistant Professor STAUFFER.]
33. CHEMISTRY OF FERTILIZERS AND THEIR SOIL REACTIONS.—Fertilizers and fertilizer materials; their sources, manufacture, chemical properties, uses, reactions with soils, and factors influencing their availability to growing crops. Lectures and discussions. S, (3). *Prerequisite*: Agronomy 28; junior standing. 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 1943-1944. Graduate staff.]
 [112. THEORY AND ANALYSIS OF PLANT BREEDING PROBLEMS.—II, (1 unit). Not given in 1943-1944. Professor WOODWORTH.]
 [114. PRINCIPLES UNDERLYING THE PRODUCTION OF CROPS.—II, (1 unit). Not given in 1943-1944. 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, and SEARS, Associate Professor GIESEKING.
 (b) CROPS.—Professors BURLISON, WOODWORTH, DUNGAN, and KOEHLER, Associate Professor 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,¹ FAIRBANKS, HAMILTON.

Assistant Professors: CRAWFORD, JOHNSON, KRIDER, NALBANDOV.

Associates: BEAN, CATRON,² FRANCIS.²

Assistants: GARRIGUS,² TERRILL.¹

Cooperating: Professor H. C. M. CASE.

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 1943-1944. Professors EDMONDS, FAIRBANKS, and KAMMLADE.]
6. LIVESTOCK MANAGEMENT.—Breeding, feeding, and management of horses, beef cattle, sheep, and swine. S and II, (3). *Prerequisite:* Animal Husbandry 21. Professor EDMONDS.
- [10. FARM MEATS.—II, (3). *Prerequisite:* Animal Husbandry 36. Not given in 1943-1944. Professor BULL.]
12. SPECIAL PROBLEMS.—I and II, (5). *Prerequisite:* Senior standing; approval of head of department. 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 1943-1944.]

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 1943-1944. Professor EDMONDS and heads of divisions.]
- [24. MEAT JUDGING AND SPECIAL PROBLEMS.—I, (3). *Prerequisite:* Animal Husbandry 10 or 36. Not given in 1943-1944. Professor BULL.]

¹On leave of absence for war service.

²Resigned.

- [25. BEEF PRODUCTION.—I, (3). *Prerequisite*: Animal Husbandry 6. Not given in 1943-1944. Professor CARROLL.]
26. PORK PRODUCTION.—S and I, (3). *Prerequisite*: Animal Husbandry 21. Professor FAIRBANKS.
27. SHEEP HUSBANDRY.—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 1943-1944. Professor KAMMLADE and heads of divisions.]
- [33. HORSE PRODUCTION.—II, (3). *Prerequisite or concurrent*: Animal Husbandry 3, 6. Not given in 1943-1944. Professor EDMONDS, Assistant Professor CRAWFORD.]
- [39. POULTRY BREEDING AND IMPROVEMENT.—I, (3). *Prerequisite*: Animal Husbandry 37. Not given in 1943-1944. Professor CARD.]
- [41. ANIMAL GENETICS.—II, (3). *Prerequisite*: Zoology 14, or 15 and junior standing. Not given in 1943-1944. 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. Not given in 1943-1944. 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, ($\frac{1}{2}$ unit). Not given in 1943-1944.]
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.—S, 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.—S, I, and II, ($\frac{1}{2}$ to 1 unit). Professor HAMILTON.
121. LABORATORY METHODS IN ANIMAL GENETICS.—I and II, ($\frac{1}{2}$ 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. Professor MITCHELL.

ANIMAL PATHOLOGY AND HYGIENE

Professors: GRAHAM (Head of the Department), SAMPSON.

Assistant Professors: BOLEY,¹ MORRILL.

Associates: LEVINE.²

Assistants: HARDENBROOK.²

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

¹On leave of absence for war service.

²First semester.

- in animal and dairy husbandry enroll in this course. S and 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.—I and II, (5). *Prerequisite*: Animal Pathology and Hygiene 2, or equivalent. *Recommended*: Bacteriology 5a; Animal Husbandry 43. Not given in 1943-1944. 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 1943-1944. 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.
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: PROVIN (Head of the Department), NEWCOMB, PALMER, DEAM, MORGAN, LAING, LESCHER.

Associate Professors: O'DONNELL, SCHEICK, LOVE.

Assistant Professors: FJELDE, KEITH, SWEET,¹ TOTH.

Associates: BRANCH,¹ DOBBERMAN, LINDSAY.

Instructors: DAVIS,² MILES.

Courses for Undergraduates

- [11. HISTORY OF ARCHITECTURE.—I, (3). Not open to students expecting a degree in architecture. Not given in 1943-1944. Professor LAING.]
- [12. HISTORY OF ARCHITECTURE.—II, (3). *Prerequisite*: Architecture 11, or consent of instructor. Not open to students expecting a degree in architecture. Not given in 1943-1944. Professor LAING.]
- 13-14. HISTORY OF ARCHITECTURE.—Technics and civilizations of the Orient and of Greece and Rome. Illustrated lectures, readings, and semester reports. S, and continuous through I and II, (2). Courses must be taken in sequence. *Prerequisite*: Architecture 31 or 32, or sophomore standing. Associate Professor O'DONNELL.
- 31-32. ARCHITECTURAL DESIGN (ELEMENTS OF ARCHITECTURE).—Fundamentals of architectural design; drawing and rendering architectural motifs. S, and continuous through I and II, (3). Assistant Professor KEITH, Mr. LINDSAY; (S, Mr. LINDSAY).

¹On leave of absence for war service.

- 33-34. ARCHITECTURAL DESIGN.—Problems in architectural design as applied to smaller buildings, conforming to the Class C problems of the Beaux Arts Institute of Design. S, I, and II, (3). *Prerequisite:* Architecture 32. Assistant Professor KEITH.
43. MATERIALS AND METHODS OF CONSTRUCTION.—Wood frame construction; manufacture and uses of allied materials; working drawings; detailing. S, I, and II, (3). *Prerequisite:* Architecture 32. Professor LESCHER.
44. MATERIALS AND METHODS OF CONSTRUCTION.—Masonry and fireproof construction; manufacture and uses of material 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; kerns, pressures, shear, and moments in masonry structures. Use of handbooks. S, I, and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 1 or 18. Assistant Professor TOTL.
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, and application problems from actual professional practice. Use of handbooks. S, I, and II, (3). *Prerequisite:* Architecture 45. Assistant Professor TOTL.
55. BUILDING SANITATION.—Service fixtures, systems of water supply, sewage disposal. Lectures, recitations, quizzes, and designs for special problems. I and II, (1). *Prerequisite:* Physics 8a-8b; Architecture 44. Professor LESCHER.
56. BUILDING SANITATION.—See Architecture 55. S, I, and II, (2). *Prerequisite:* Junior standing in architecture. Professor LESCHER.
- [60. REINFORCED CONCRETE.—II, (2). *Prerequisite:* Senior standing in architecture. Not given in 1943-1944. Professor PALMER.]
- 65-66. THEORY OF ARCHITECTURE.—Influence of function on form, plan, and elevation. Lectures and exercises. Continuous through 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 and rendering, and composition. I and II, (3). Associate Professor LOVE, Mr. MILES.
- [75. FRAME CONSTRUCTION DETAILS.—I, (2). *Prerequisite:* Consent of instructor. Not given in 1943-1944.]
- [76. MASONRY CONSTRUCTION DETAILS.—II, (2). *Prerequisite:* Architecture 75. Not given in 1943-1944.]
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite:* Senior standing in architecture. Not given in 1943-1944.]

Courses for Advanced Undergraduates and Graduates

- 15-16. HISTORY OF ARCHITECTURE.—Technics and civilization from A.D. 300 to 1400. S, and continuous through I and II, (2). *Prerequisite:* Architecture 14. Associate Professor O'DONNELL; (S, Professor LAING).
17. HISTORY OF ARCHITECTURE.—Technics and civilization of Europe since 1400. S, I, and II, (2). *Prerequisite:* Architecture 16. Associate Professor O'DONNELL; (S, Professor LAING).
18. HISTORY OF ARCHITECTURE.—Technics and civilization of the Americas and modern Europe. S, I, and II, (2). *Prerequisite:* Architecture 17. Associate Professor O'DONNELL.
- 35-36. ARCHITECTURAL DESIGN (INTERMEDIATE).—Problems in architectural design as applied to larger buildings, conforming to the Class B problems of the Beaux Arts Institute of Design. S, I, and II, (5). *Prerequisite:* Two years of architectural design. Professor DEAM; (S, Associate Professor SCHEICK).
- 37-38. ARCHITECTURAL DESIGN (ADVANCED).—Architectural design conforming to the Class A problems of the Beaux Arts Institute of Design. S, I, and II, (7). *Prerequisite:* Senior standing in architecture. Professor DEAM; (S, Associate Professor SCHEICK).
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. I 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. S, I, and II, (3). *Prerequisite:* Architecture 46; registration in Architecture 47. Professor PALMER; (S, Professor MORGAN).
58. **REINFORCED CONCRETE DESIGN.**—Reinforced concrete building design; analysis of types of construction. I and II, (3). *Prerequisite:* Architecture 57; registration in Architecture 48. Professor MORGAN.
68. **SPECIFICATIONS.**—General and special clauses; contracts, practice in writing specifications; building ordinances. S, I, and II, (3). *Prerequisite:* Senior standing in architecture. Professor PROVINE; (S, Assistant Professor TOTH).
83. **OFFICE PRACTICE.**—Office management, professional practice and relationships, ethics. 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. II, ($\frac{1}{2}$ to 2 units). Professor PALMER.
103. **ARCHITECTURAL CONSTRUCTION.**—Special problems. 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. I and II, ($\frac{1}{4}$ to $\frac{1}{2}$ unit). Not given in 1943-1944. 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.

Assistant Professors: HOGAN,¹ KENNEDY, WOODROOFE, DOOLITTLE, SCHULTZ.¹

Associates: ANDERSON,² DIETEMANN, RAE,² SHIPLEY.

Instructors: RAUSHENBERGER, HULT, BRITSKY,¹ HYSLOP, JOHNSON.

Cooperating: Associate Professor BEATRICE D. WADE.

Summer of 1943 but not in current year: R. L. ALDRICH.

Courses for Undergraduates

- 1a-1b. **DESIGN.**—For home economics students. Composition in line, pattern, monochrome, and color. S, I, and II, (2). Seniors receive only one hour credit. Professors WHITE and DONOVAN, Associate Professors DOOLITTLE and KENNEDY, Mr. DIETEMANN, Mr. HULT, Mr. JOHNSON; (S, Mr. RAUSHENBERGER).
- 2a-2b. **WATER COLOR.**—Still-life and outdoor sketching. S, I, and II, (2). *Prerequisite:* Art 26. Assistant Professor KENNEDY; (S, Mr. DIETEMANN).
- 4a-4b. **INTERIOR DESIGN.**—I, (2). *Prerequisite:* Art 32a concurrently, or Art 1b. Professor NEWCOMB.
7. **OCCUPATIONAL THERAPY ORIENTATION.**—Study of the development of the profession and of occupation as a treatment; its application in various fields of service. I and II, (2). *Prerequisite:* Sophomore standing, or consent of instructor. Associate Professor WADE.
11. **INTRODUCTION TO THE HISTORY OF FINE ARTS.**—Cultural analysis of the interrelated fields of architecture, sculpture, painting, and other humanistic studies previous to the Italian Renaissance. Exclusively for non-art students. I, (3). *Prerequisite:* Sophomore standing. Mr. HYSLOP.

¹On leave of absence for war service.

²On leave of absence for the year.

12. INTRODUCTION TO THE HISTORY OF FINE ARTS (CONTINUED).—Cultural analysis of the interrelated fields of architecture, sculpture, painting, and other humanistic studies beginning with the Italian Renaissance and continuing through the Modern Period. Exclusively for non-art students. 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. II, (2). *Prerequisite*: For art students, Art 13; for non-art students, sophomore standing or consent of instructor. Mr. HYSLOP.
- 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). Assistant Professor WOODROOFE; (S, Mr. RAUSHENBERGER, Mr. HULT).
- 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 Professors WOODROOFE; (S, Mr. RAUSHENBERGER, Mr. HULT).
- 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 Professor KENNEDY, Mr. DIETEMANN, Mr. RAUSHENBERGER, Mr. HULT.
- 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; (S, Assistant Professor KENNEDY).
- 27a-28a. LIFE DRAWING.—Primarily for students in industrial design curriculum. I and II, (2). *Prerequisite*: Art 26. Professor BAILEY.
- 32a-32b. ELEMENTARY COMPOSITION.—Pictorial composition in line, pattern, and color. S, I, and II, (2). *Prerequisite*: Sophomore standing in art. Assistant Professor DOOLITTLE; (S, Mr. DIETEMANN).
- 41a-41b. STILL-LIFE.—Painting from arranged groups. S, I, and II, (2). *Prerequisite*: Art 26. Assistant Professor KENNEDY; (S, Professors DONOVAN and BRADBURY).
50. MODELING.—Sculptural art; anatomical and ornamental forms; plaster molds and models. Open to students in other colleges. S, I, and II, (2). *Prerequisite*: Consent of instructor. Professor BAILEY; (S, Mr. SHIPLEY, Mr. HULT).
- 51a-51b. MODELING (CONTINUED).—I and II, (2). *Prerequisite*: Art 26. Professor BAILEY.
- [60. LETTERING AND LAYOUT IN ADVERTISING.—I, (2). *Prerequisite*: Business Organization and Operation 8 or 10. Not given in 1943-1944. Professor DONOVAN.]
- 70a. CRAFT MATERIALS AND TECHNIQUES.—Introduction to the design and execution of craft projects in leather, wood, and metal. Primarily for students in occupational therapy curriculum and for recreation majors in physical education for men. I and II, (2). *Prerequisite*: Sophomore standing, or consent of instructor. Mr. SHIPLEY, Mr. HULT.

Courses for Advanced Undergraduates

- [3a-3b. WATER COLOR.—I and II, (2). *Prerequisite*: Art 2b. Not given in 1943-1944.]
9. APPLIED ART METHODS.—Designs, materials, and methods of application in teaching art work in grammar schools, junior and senior high schools. Creative designs adapted to specific years will be studied. S and II, (3). *Prerequisite*: Art 32b, or junior standing. Mr. JOHNSON; (S, Assistant Professor DOOLITTLE).
- 10a-10b. COURSE FOR TEACHERS.—Public school art for the first eight grades and high school; organization, equipment, and administrative duties of the supervisor. S (10b only), continuous through I and II, (3). *Prerequisite*: Art 32b, or junior standing. Mr. JOHNSON; (S, Assistant Professor DOOLITTLE).
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, Mr. ALDRICH).
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:* For art students, Art 15; for non-art students, junior standing or consent of instructor. Professor VAN DERPOOL; (S, Mr. ALDRICH).
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. S and II, (2). *Prerequisite:* For art students, Art 17; for non-art students, junior standing or consent of instructor. Mr. HYSLOP; (S, Mr. ALDRICH).
- 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. S (19b only), and 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. S, I, and II, (2). *Prerequisite:* Art 22b. Assistant Professor WOODROOFE; (S, Mr. RAUSHENBERGER, Mr. HULT).
- 24a-24b. FREEHAND DRAWING (CONTINUED).—Primarily for students in architecture. Figure drawing from the cast and from life. S, I, and II, (2). *Prerequisite:* Art 23b. Assistant Professor WOODROOFE; (S, Mr. RAUSHENBERGER, Mr. HULT).
- 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. I and II, (3). *Prerequisite:* Art 28. Professor BAILEY.
- 33a-33b. INTERMEDIATE COMPOSITION.—S, I, and II, (3). *Prerequisite:* Art 32b. Assistant Professor WOODROOFE; (S, Assistant Professor DOOLITTLE, Mr. DIETEMANN).
- 34a-34b. ADVANCED COMPOSITION.—S, I, and II, (4). *Prerequisite:* Art 33b. Professor BRADBURY, Assistant Professor DOOLITTLE; (S, Mr. DIETEMANN).
- 37a-37b. ILLUSTRATION.—Problems in the design and execution of book and periodical illustration. S, I, and II, (2). *Prerequisite:* Art 32b. Mr. DIETEMANN; (S, Professor DONOVAN).
- 38a-38b. ADVANCED ILLUSTRATION.—I and II, (2). *Prerequisite:* Art 37b. Mr. DIETEMANN.
- 42a-42b. LANDSCAPE.—Landscape painting in oil. S, (2). *Prerequisite:* Art 41b. Assistant Professor KENNEDY.
- [43a-43b. LANDSCAPE (CONTINUED).—I, (2). *Prerequisite:* Art 42b. Not given in 1943-1944.]
- 47-48. LIFE PAINTING.—Painting full length from life. S, I, and II, (4). *Prerequisite:* Art 30. Professor BRADBURY; (S, Assistant Professor KENNEDY).
- [52a-52b. MODELING.—I, (2). *Prerequisite:* Art 51b. Not given in 1943-1944.]
- 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; (S, Mr. DIETEMANN).
- 65-66. COMMERCIAL DESIGN.—Methods of drawing and painting for commercial purposes. S, I, and II, (3). *Prerequisite:* Art 28; Architecture 72. Professor DONOVAN; (S, Mr. DIETEMANN).
- 67-68. ADVANCED COMMERCIAL DESIGN.—S, I, and II, (5). *Prerequisite:* Art 66. Professor DONOVAN; (S, Mr. DIETEMANN).
- 70b. ADVANCED CRAFT MATERIALS AND TECHNIQUES.—Continuation of Art 70a. Principles of design and technical execution in the fields of metalry, book binding, pottery, and basic photography. Primarily for students in occupational therapy curriculum. I and II, (4). *Prerequisite:* Art 70a. Mr. SHIPLEY.

- 71-72. MATERIALS AND TECHNIQUES.—Study of basic materials; their use and manipulation in modern industry. S, (3); 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. S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor BAKER.
- [2. DESCRIPTIVE ASTRONOMY.—The stars. II, (3). *Prerequisite:* Sophomore standing. Not given in 1943-1944. Professor BAKER.]
5. NAVIGATION.—*Prerequisite or concurrent:* Mathematics 4. S, I, and II, (3). Professor BAKER.

Courses for Advanced Undergraduates and Graduates

- [7. CELESTIAL MECHANICS.—II, (3). *Prerequisite:* Mathematics 9. Not given in 1943-1944. Professor BAKER.]
- [S14. OBSERVATIONAL ASTRONOMY.—S, (2). *Prerequisite:* Consent of instructor. Not given in 1943. Professor BAKER.]
- [15. GEODETIC ASTRONOMY.—Laboratory. I, (3). *Prerequisite:* Consent of instructor. Not given in 1943-1944. 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.—S, I, and II, (1 unit). Professor BAKER.
- [103. CELESTIAL MECHANICS.—I and II, (1 unit). Not given in 1943-1944.]

BACTERIOLOGY

Professors: TANNER (Head of the Department).

Associate Professors: WALLACE.

Assistant Professors: CLARK.

Associates: SEVERENS.

Instructors: COOK.

Assistants: ALTENBERN.

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. II, (5). *Prerequisite:* Enrollment in Burnham Hospital Nurses School. Associate Professor WALLACE, Dr. COOK.
- 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. Assistant Professor CLARK and assistants.

- 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 Professor CLARK, Dr. SEVERENS, Dr. COOK.

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 Professor CLARK, Dr. COOK.

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 Professor CLARK, Dr. 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.
- [25. **PATHOGENIC BACTERIOLOGY**.—II, (5). *Prerequisite*: Bacteriology 5a and 5b; junior standing. Not given in 1943-1944. 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.

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.

BOTANY

Professors: STEVENS (Head of the Department), HOTTES (Emeritus),
TRELEASE (Emeritus), BUCHHOLZ, VESTAL, STOVER (Visiting).

Associate Professors: FULLER.¹

Assistant Professors: WYND, TIPPO.¹

Associates: HAGUE (Emerita), G. N. JONES.

Instructors: SHANOR.¹

Assistants: FULTON,¹ MOSELEY,¹ CONOVER,¹ F. F. JONES, GOODNIGHT,² SNOW.²

Research Assistants: NOGGLE, WANG.

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. Visiting Professor STOVER; (S, Professor BUCHHOLZ, Dr. G. N. 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 Professor STOVER, Dr. G. N. JONES, 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. Visiting Professor STOVER, Dr. G. N. JONES, 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; estimated expense, \$2.50. II, (3). *Prerequisite:* Botany 1a-1b, or 5. Dr. G. N. JONES.
7. PLANT PATHOLOGY.—Causes, diagnosis, and treatment of plant diseases. I, (3). *Prerequisite:* Botany 1a-1b, or 5. Professor STEVENS and assistant.
16. ECONOMIC BOTANY.—Uses of plants and plant products; history of economic plants. S, (3). *Prerequisite or concurrent:* Botany 1a-1b, or 5. Professor VESTAL, Dr. G. N. JONES.

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, (2). *Prerequisite:* Fifteen hours of botany; senior standing.
- 91a-91b. HONORS COURSE.—S, (2). *Prerequisite:* Fifteen hours of botany; senior standing.

¹On leave of absence for war service.

²Second semester.

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 1943-1944. Professor BUCHHOLZ.]
22. GENERAL PLANT MORPHOLOGY.—Typical life histories of plants—algae to seed plants. S and II, (3). *Prerequisite*: Botany 1a-1b, or 5; senior standing, or consent of instructor. Professor BUCHHOLZ.
- [33. PLANT PHYSIOLOGY.—I, (3 or 5). *Prerequisite*: Botany 3; junior standing. Given in alternate years; not given in 1943-1944. 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. Assistant Professor WYND.
36. BIOLOGY FOR TEACHERS.—Same as Zoology 36. Limited to teachers and those who expect to teach. Principles and methods of teaching general biology in high school or normal school. S, (3). *Prerequisite*: One course in zoology and one in botany; junior standing. Professors HARTMAN and VESTAL.
- [40. HISTOLOGICAL TECHNIC.—II, (3). *Prerequisite*: One year of botany or ten hours of zoology; junior standing. Not given in 1943-1944. Assistant Professor TIPPO and assistant.]
- [41. BRYOPHYTES.—II, (3 to 5). *Prerequisite*: Botany 1a-1b; junior standing. Not given in 1943-1944. Dr. G. N. JONES.]
- [43. PTERIDOPHYTES.—I, (3 or 5). *Prerequisite*: One year of botany, including Botany 22; senior standing. Not given in 1943-1944. Professor BUCHHOLZ.]
- [44. SPERMATOPHYTES.—II, (3 or 5). *Prerequisite*: One year of botany, including Botany 22; senior standing. Not given in 1943-1944. Professor BUCHHOLZ.]
- [45. PLANT ANATOMY.—I, (3). *Prerequisite*: One year of botany; junior standing. Not given in 1943-1944. Assistant Professor TIPPO.]
46. HEREDITY AND EVOLUTION.—I, (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 1943-1944. Professor ANDERSON.]
- [52. VEGETABLE DISEASES.—Same as Horticulture 52. II, (3). *Prerequisite*: Botany 7 or 72. Not given in 1943-1944. Professor ANDERSON.]
55. PLANT GEOGRAPHY OF NORTH AMERICA.—I, (3 or 5). *Prerequisite*: One year of botany; junior standing. Given in 1943-1944 and in alternate years. Professor VESTAL.
- [56. PLANT GEOGRAPHY.—I, (3 or 5). *Prerequisite*: One year of botany; junior standing. Given in alternate years; not given in 1943-1944. Professor VESTAL.]
- [60. ADVANCED SYSTEMATIC BOTANY.—I, (3 or 5). *Prerequisite*: Botany 6; junior standing. Not given in 1943-1944. Dr. G. N. JONES.]
72. GENERAL MYCOLOGY.—Structure, classification, and identification of fungi, including those of economic importance. II, (4). *Prerequisite*: One year of botany, bacteriology, entomology, or zoology; junior standing. Visiting Professor STOVER.
- [79. RESEARCH METHODS IN PLANT PATHOLOGY.—I, (2). *Prerequisite*: Botany 7; senior standing. Not given in 1943-1944. 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 1943-1944. Professor VESTAL.]
81. PLANT ECOLOGY.—Principles of ecology as exemplified by vegetation and environments of Illinois. Field study on four or five Saturdays. S, (3). *Prerequisite*: One year of botany; junior standing. 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 1943-1944. 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 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.

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.—Dr. G. N. 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. S, 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 1943-1944. Professor BUCHHOLZ.]
- [113. DISCUSSIONS IN PLANT PHYSIOLOGY.—I and II, ($\frac{1}{4}$ unit). Not given in 1943-1944. Assistant Professor WYND.]
- [117. DISCUSSIONS IN PLANT PATHOLOGY AND MYCOLOGY.—I, ($\frac{1}{4}$ unit). Not given in 1943-1944. Professor STEVENS, Dr. SHANOR.]
- [118. DISCUSSIONS IN PLANT ECOLOGY.—I and II, ($\frac{1}{4}$ unit). Not given in 1943-1944. Professor VESTAL.]
- [133. ADVANCED PHYSIOLOGY OF GROWTH, RESPONSE, AND REPRODUCTION.—II, ($\frac{1}{2}$ unit). Not given in 1943-1944. Associate Professor FULLER.]
- [134. CHEMISTRY OF PLANT PRODUCTS.—I, ($\frac{1}{2}$ unit). Not given in 1943-1944. 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 1943-1944. Assistant Professor WYND.]
- [171. MYCOLOGY OF SPECIAL GROUPS.—I, ($\frac{1}{2}$ unit). Not given in 1943-1944. Professor STEVENS, Dr. SHANOR.]
- [172. EPIDEMIOLOGY OF PLANT DISEASES.—I, ($\frac{1}{2}$ unit). Prerequisite: Graduate standing with a major in botany, entomology, or bacteriology. Not given in 1943-1944. Professor STEVENS.]
- [177. VIRUS DISEASES OF PLANTS.—Same as Horticulture 177. II, (1 unit). Given in alternate years; not given in 1943-1944.]

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.

Assistant Professors: CURTIS, HUEGY,¹ NEWCOMER, EDWARDS, MOYER, JONES, MANDEVILLE,¹ ROBERTS.

Instructors: MITCHELL,¹ HAGAN, DELONG.

Cooperating: Associate Professor ARNE RAE, Assistant Professors L. W. McCLURE and C. E. FLYNN.

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 1e. S, I, and II, (3). Seniors receive only two hours credit. Professors LITTLETON and DILLAVOU, Associate Professors THEISS and HACKETT.
- 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 1e. Professor DILLAVOU, Associate Professors THEISS, BAILY, and HACKETT; (S, 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 SCHLATTER, Assistant Professor NEWCOMER.
- 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 Professor THEISS, Assistant Professor NEWCOMER).
- 2b. INTERMEDIATE ACCOUNTING.—Depreciation; corporation accounts; interpretation of balance sheet and income statements. S, I, and II, (3). *Prerequisite:* Accountancy 2a. Professors FILBEY and SCHLATTER; (S, Associate Professor THEISS, Assistant Professor NEWCOMER).
- [10. BUSINESS COMPUTATIONS.—Fundamental processes, annuities, bond valuations, installment sales, mark-ups and mark-downs, application of logarithms, metric system, simple algebraic and trigonometric computations. Offered primarily for those registered in the commercial teaching curriculum. I and II, (3). Not given in 1943-1944. Professor SCHLATTER.]

Courses for Advanced Undergraduates

12. FUNDAMENTALS OF ACCOUNTING.—Survey course for non-commerce students only. I and II, (3). *Prerequisite:* Junior standing. Assistant Professor MOYER.
- S15. TEACHING METHODS.—Methods of teaching bookkeeping, economics, business law, commercial arithmetic, and other commercial subjects in high schools. S, (2). Associate Professor BAILY.

¹On leave of absence for war service.

- 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. S, 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, Professor FILBEY, Assistant Professor MOYER).
- 3b. AUDITING.—S, I, and II, (3). *Prerequisite:* Accountancy 3a; junior standing. Professor FILBEY; (S, 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 Professors BAILY and THEISS).
- 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 (5b 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.
20. INCOME TAX PROCEDURE.—S, 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.—I, (1 unit). Not given in 1943-1944. Professor LITTLETON.]
103. INCOME DETERMINATION.—II, (1 unit). Professor LITTLETON.
- [104a-104b. ACCOUNTING SYSTEMS.—I and II, (1 unit). Not given in 1943-1944. Professor SCOVILL.]
- [106. COST ACCOUNTING.—II, (1 unit). *Prerequisite:* Accountancy 4a. Not given in 1943-1944. Professor SCHLATTER.]
- [107. SURPLUS AND DIVIDENDS.—II, (1 unit). Not given in 1943-1944. Professor LITTLETON.]
- [109. ACCOUNTING HISTORY.—II, (1 unit). Not given in 1943-1944. Professor LITTLETON.]
- [110. ACCOUNTING REPORTS.—S, (1 unit). *Prerequisite:* Accountancy 3b. Not given in 1943-1944. Professor SCOVILL.]

113. GOVERNMENTAL ACCOUNTING.—II, (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 1943-1944. Associate Professor HACKETT.]
 120. INCOME TAX DEVELOPMENT.—I, (1 unit). *Prerequisite:* Accountancy 20. 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. 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. 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. II, (3). *Prerequisite:* Business Organization and Operation 10, or consent of instructor. Assistant Professor McCLURE.
 33. ADVERTISING LAYOUT.—Same as Journalism 33. Preparation of layout for newspaper advertising units; sales problems, advertising promotion, advertising research, marketing research, etc. S and 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, 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, Assistant Professor JONES.
 3. RETAIL AND CHAIN STORE ORGANIZATION AND OPERATION.—I and II, (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; (S, Professor CONVERSE, Assistant Professor JONES).
 10. PRINCIPLES OF ADVERTISING.—Same as Journalism 10. For non-commerce students only. I, (3). *Prerequisite:* Junior 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 1943-1944.]
 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 1943-1944.]
34. NEWSPAPER ADVERTISING PROBLEMS.—Same as Journalism 34. Preparation of layout for newspaper advertising units; sales problems, advertising, promotion, advertising research, marketing research, etc. II, (3). *Prerequisite:* Business Organization and Operation 33. Assistant Professor McCLURE.
- 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 1943-1944.]
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.—S and II, (3). *Prerequisite:* Business Organization and Operation 2; junior standing. Professor CONVERSE; (S, Assistant Professor JONES).
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 1943-1944. 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 1943-1944. Assistant Professor JONES.]
- [32. CONTEMPORARY PROBLEMS IN MARKETING MANAGEMENT.—II, (3). *Prerequisite:* Business Organization and Operation 2; senior standing. Not given in 1943-1944.]

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.**—Continuous through I and II, (1 unit). Professor ANDERSON.
- [107a-107b. **SALES CAMPAIGNS.**—Continuous through I and II, (1 unit). Not given in 1943-1944. Professor RUSSELL.]
- [126. **ANALYSIS OF CONSUMER MARKETS.**—I, (1 unit). Not given in 1943-1944. Professor CONVERSE.]
- [127. **PRICES AND PRICE POLICIES.**—II, (1 unit). Not given in 1943-1944. 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, 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. 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.

Associates: COOK.

Assistants: FILIPPI.¹

Courses for Undergraduates

1. **CERAMIC MATERIALS.**—Properties of clays and other ceramic materials. Lectures. S and I, (3). *Prerequisite:* Chemistry 6. Assistant Professor HARMAN.
4. **CERAMIC MATERIALS.**—Laboratory. I, (3). *Prerequisite:* Ceramic Engineering 1. Mr. COOK.
5. **CERAMIC BODIES.**—Composition and properties, effects of ingredients, special bodies. Lectures and laboratory. I, (5). *Prerequisite:* Ceramic Engineering 1 and 4. Assistant Professor HARMAN, Mr. 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.**—II, (2). *Prerequisite:* Chemistry 40; registration in Ceramic Engineering 28. Not given in 1943-1944. Mr. COOK.]
11. **DRYING CLAY PRODUCTS.**—Drying, drying equipment, construction and regulation of dryers. Lectures. I and II, (3). *Prerequisite:* Physics 1a-1b and 3a-3b; Ceramic Engineering 1. Professor HURSH.

¹On leave of absence for war service.

14. GLASSES AND GLAZES.—The properties of glasses and glazes as influenced by composition; types of glazes, preparation and uses. Lectures and laboratory. S and II, (3). *Prerequisite:* Ceramic Engineering 5; registration in Chemistry 40. Assistant Professor HARMAN, Mr. COOK.
16. ENAMELS.—Composition, preparation, application, properties, and tests. Lectures and quiz. S and II, (3). *Prerequisite:* Ceramic Engineering 14. Mr. COOK.
17. ENAMELS.—Composition, application, properties, and testing. Lectures and laboratory. I, (3). *Prerequisite:* Ceramic Engineering 14 and 16. Professor ANDREWS, Mr. COOK.
18. CERAMIC MICROSCOPY.—Use of the microscope for studying ceramic materials and products. S and I, (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. S and II, (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 I, (3). *Prerequisite:* Ceramic Engineering 5 and 11. Professor HURSH.
23. DRYER AND KILN DESIGN.—Design problems. Laboratory. I and II, (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, (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. S and II, (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.
- 97-98. THESIS.—*Prerequisite:* Senior standing, S, and continuous through I and II, (1 to 3). Professors ANDREWS and HURSH, Associate Professor BADGER, Assistant Professor HARMAN, Mr. COOK.
- [99. INSPECTION TRIP.—Visits to industrial plants. I, (no credit). *Prerequisite:* Senior standing. Not given in 1943-1944.]

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 Chemistry (Ceramic Chemistry), and Doctor of Philosophy in Engineering.

Candidates for the degree of Doctor of Philosophy in Chemistry (Ceramic Chemistry) 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: ADAMS¹ (Head of the Department), ROSE (Acting Head of the Department), BUSWELL,² HOPKINS (Emeritus), RODEBUSH, CLARK, MARVEL, FUSON, PHIPPS,² G. F. SMITH, BAILAR, REEDY.

Associate Professors: ENGLIS, AUDRIETH,² PRICE, CARTER, SNYDER, WALL.

Assistant Professors: BARTOW, LAITINEN, MOELLER.

Associates: PARR (Emerita), NICHOLSON,² VESTLING, FRANK, LARSON.³

Lecturers: HOPKINS, GRIFFITH.⁴

Instructors: RABJOHN,⁴ WHITNEY, LEONARD, LEAF, D. R. MARTIN, BOEKELHEIDE, SEARS,⁴ Z. W. WICKS,⁶ QUAGLIANO.

Assistants: ANDERS, AYCOCK,⁶ BAUMAN,⁴ BECK,⁴ BORMAN, BOYD, BROCK, BYERRUM,⁴ CANALE,⁴ CHADWICK, CRITTENDEN, DEKKER, DOWNS,⁶ EASTON, ECKERT, EMMICK,⁴ EYLER,⁴ FISCHER, FOHRELL,⁴ FREIER,⁴ GIBBS, GINSBERG,⁴ HANAHAN, HERBRANDSON, HOLTZCLAW,⁴ HOWARD,⁴ HOWSMON,⁶ HYSON, JOHNSTON,⁴ JONES, KAUFFMAN,⁴ KAYE, KLOSE, KOVACIC, LUCAS, MACKENZIE, D. E. MARTIN, MARVELL,⁴ MATTERN, MCBRIDE, MCPHERSON, MECORNEY,⁴ MEISNER, NALBANDOV, NELSON,⁴ NORRIS,⁴ PARHAM,⁴ PARKS, PEEL, PIPEBERG, POWERS,⁴ READ, REED,⁴ SAMPSON,⁴ SCHAAE,⁴ SHENK,⁴ SIEVERT,⁷ L. C. SMITH,⁴ SPEZIALE,⁴ SPRADLING, THOMPSON,⁴ TREUMANN, VANHEYNINGEN,⁴ WALLACE,⁴ WARFIELD, S. D. WICKS, WIELICKI, WILSON,⁴ WYMAN.⁴

Special Research Appointees: (Post-doctorate)—BAYLOR, CRISTOL, DICKMAN,⁴ HANSCH,⁶ JAROWSKI, MUELLER,⁴ SKELL, SOPER,⁴ WOMACK;⁴ (Post-graduate)—CLARK,⁶ COON, HINMAN,⁴ KREMERS, LEACH,⁴ LOCKHART, PHILLIPS, ROWLAND, SAMPSON, SIEVERT,⁶ TORDELLA, TOUSTER,⁴ YOUNG.

Summer of 1943 but not in current year: W. J. BAILEY, P. S. BAKER, R. G. CHASE, G. S. DURHAM, I. R. HOOPER, W. R. MANNING, JACK MILLS, W. E. MORRELL, SAM SILBERGELD, D. A. SKOOG, J. H. SMITH.

CHEMICAL ENGINEERING:

Professors: KEYES,² JOHNSTONE, SWANN, STRAUB.

Associate Professors: COMINGS.

Assistant Professors: DEEM,² LANGDON, LEWIS.

Instructors: HANMER.

Assistants: R. M. ADAMS, NATHAN,⁴ ROBERTS,⁷ WANDLING.

Requirements for L.A.S. Students

For the curricula in chemistry and chemical engineering, see page 136.

For special requirements for admission to graduate work, see page 250.

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.

¹On leave of absence as Head of Department.

³Contract terminated November 30, 1943.

⁶Contract terminated November 23, 1943.

⁷First semester.

²On leave of absence for war service.

⁴Resigned.

⁶Second semester.

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 advisor 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. Professor BAILAR, Dr. BOEKELHEIDE; (S, Dr. DURHAM, Dr. MORRELL); and assistants.
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. Professor BAILAR, Assistant Professor LAITINEN, Dr. BOEKELHEIDE; (S, Assistant Professor MOELLER); and assistants.

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. Professor BAILAR, Dr. BOEKELHEIDE; (S, Dr. DURHAM, 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. Dr. D. R. MARTIN; (S, Dr. J. H. SMITH); 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. BOEKELHEIDE; (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. Assistant Professor MOELLER; (S, Dr. J. H. SMITH); 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. Assistant Professor LAITINEN.
9. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—Designed specifically for and open only to Pratt and Whitney fellows who have had no previous chemistry. Lectures, discussions, and laboratory. S, (4). This course serves as a prerequisite for Chemistry 22. Assistant Professor MORRELL.
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. S, 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; (S, Professor CLARK).
- [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 1943-1944.]
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. Professor G. F. SMITH; (S, Professor CLARK, Associate Professor ENGLIS); 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. FRANK, 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. Dr. LEONARD and assistants.

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. I and II, (5). *Prerequisite:* Chemistry 6, 10, and 24. Associate Professor PRICE, Dr. LEONARD, and assistants.

Physical Chemistry

47. ELEMENTARY PHYSICAL CHEMISTRY.—For pre-medical students only. Lectures and laboratory. I and II, (4). *Prerequisite:* Chemistry 22, 33; Physics 7b, 8b, or equivalent; junior standing. Mr. WHITNEY.
- 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. Dr. LEAF.

Chemical Engineering

- [66a-66b. INSPECTION TRIP.—I and II, (1/2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1943-1944.]

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 1943-1944.]

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, (S, Professor BAILAR).
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 1943.]

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. I, (3). *Prerequisite:* Chemistry 24 and 34; registration or credit in Chemistry 40 and 41. Professor G. F. SMITH.
- 27w. SPECIAL METHODS AND INSTRUMENTS IN QUANTITATIVE ANALYSIS.—Gas analysis; electrometric titration, optical methods, and other advanced analyses. Specifically designed for and open only to Pratt and Whitney fellows. II, (4). *Prerequisite:* Chemistry 22. Professor G. F. SMITH.
- 28a. QUALITATIVE MICROANALYSIS.—Laboratory and conferences. S and 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. Associate Professor SNYDER, Dr. FRANK; (S, Associate Professor CARTER).
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, Associate Professor CARTER).
38. SYSTEMATIC IDENTIFICATION OF ORGANIC COMPOUNDS.—S, 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. Associate Professor WALL, Dr. LEAF.
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. Dr. LEAF, Mr. WHITNEY, and assistants.
42. ELEMENTARY PHYSICAL CHEMISTRY.—Lectures. Continuation of Chemistry 40. I and II, (3). *Prerequisite:* Chemistry 40. Professor PHIPPS, Dr. LEAF.
43. ELEMENTARY PHYSICAL CHEMISTRY.—Laboratory, to accompany Chemistry 42. I and II, (1). *Prerequisite:* Chemistry 40 and 41; credit or registration in Chemistry 42. Associate Professor WALL, Dr. LEAF.
- 44a. ADVANCED PHYSICAL CHEMISTRY.—Thermodynamics and free energy calculations. S and I, (2). *Prerequisite:* Chemistry 40 and 41. Professor PHIPPS; (S, Dr. LEAF).
- [46b. ADVANCED PHYSICAL CHEMISTRY.—Atomic structure. II, (2). *Prerequisite:* Chemistry 40 and 41. Not given in 1943-1944.]
- 49b. CHEMISTRY OF COLLOIDS.—II, (3). *Prerequisite:* Chemistry 22 and 47, or equivalent. Mr. WHITNEY.

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. 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 II, (3). *Prerequisite:* Chemistry 63b. 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. Assistant Professors LEWIS and LANGDON.
- 62a. PRINCIPLES OF RESEARCH AND DEVELOPMENT.—S and II, (2). *Prerequisite:* Chemistry 63b or 67b. Mr. HANMER; (S, Assistant Professor LANGDON); and assistants.
- 63b. INTRODUCTION TO CHEMICAL ENGINEERING.—Unit operations, equipment, and calculations. Lectures. S, I, and II, (3). *Prerequisite:* Junior standing; Chemistry 40. Mr. HANMER, Associate Professor COMINGS.
- 64b. HIGH PRESSURE REACTIONS.—I, (2). *Prerequisite:* Chemistry 34 and 44a. Associate Professor COMINGS.
- 65b. CHEMICAL ENGINEERING CALCULATIONS.—Applied thermodynamics. I, (3). *Prerequisite:* Chemistry 34 and 44a. Associate 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 1943-1944.]
- 68a-68b. UNIT OPERATIONS.—Laboratory. S, I, and II, (2). *Prerequisite:* Registration or credit in Chemistry 61a. Assistant Professor LEWIS.
- 69a. CHEMICAL ENGINEERING PROJECTS.—Laboratory. Development of an individual project. S and II, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Professor SWANN, Assistant Professor LANGDON.
- [70b. ECONOMICS OF CHEMICAL ENGINEERING.—Lectures. II, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1943-1944.]
- 71a. APPLIED ELECTROCHEMISTRY.—Lectures. I, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Professor SWANN.
- [72a. POWER PLANT AND BOILER WATER PROBLEMS.—Lectures. I, (2). *Prerequisite:* Senior standing in chemistry or chemical engineering. Not given in 1943-1944.]

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. Mr. WHITNEY.

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. S and II, ($\frac{1}{4}$ to $\frac{3}{4}$ unit). Assistant Professor LAITINEN; (S, Assistant Professor MOELLER).

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. I, ($\frac{3}{4}$ unit). 106b not given in 1943-1944. Assistant Professors LAITINEN and MOELLER.

[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 1943.]

Analytical Chemistry

[S120. SURVEY OF MODERN ANALYTICAL CHEMISTRY.—Lectures and recitations. S, ($\frac{3}{4}$ unit). Not given in 1943.]

[S121b. QUALITATIVE MICROANALYSIS.—Laboratory and conferences. S, ($\frac{3}{4}$ unit). Not given in 1943.]

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 chem-

- istry. S, I, and II, ($\frac{1}{4}$ to 1 unit). Professor CLARK; (S, Associate Professor ENGLIS).
- 126a. QUANTITATIVE INSTRUMENTAL AND CHEMICAL METHODS OF ANALYSIS IN CHEMICAL RESEARCH.—Spectroscopy, polarimetry, refractometry, spectrophotometry, colorimetry, microscopy, etc. Lectures and laboratory. S, ($\frac{3}{4}$ unit). Professor CLARK, Associate Professor ENGLIS.
- 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, Professor MARVEL).
- [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 1943.]
- 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. S and I, ($\frac{3}{4}$ unit). Associate Professor PRICE.
- 134a. ORGANIC CHEMISTRY.—Advanced organic synthesis. Laboratory. S and I, ($\frac{1}{2}$ to 1 unit). Dr. FRANK; (S, Associate Professor SNYDER).
- 135a-135b. ORGANIC CHEMISTRY.—Seminar. Current literature. S, 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 1943-1944.]
- 144a-144b. PHYSICAL CHEMISTRY.—Kinetic theory, statistical mechanics, molecular dynamics. Lectures. II, ($\frac{3}{4}$ unit). 144a not given in 1943-1944. Associate Professor WALL.
- 145a-145b. PHYSICAL CHEMISTRY.—Seminar. Recent developments. I and II, ($\frac{3}{4}$ unit). Associate Professor WALL.
- [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 1943.]

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, I, 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.—I, ($\frac{1}{2}$ unit). *Prerequisite*: Chemistry 61a. Not given in 1943-1944.]
- 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. Given in 1943-1944 and in alternate years. Professor JOHNSTONE.
- [164a. ABSORPTION AND EXTRACTION.—Lectures. I, ($\frac{1}{2}$ unit). *Prerequisite*: Chemistry 61b. Given in alternate years; not given in 1943-1944. Professor JOHNSTONE.]

- 165a-165b. CHEMICAL ENGINEERING.—Seminar. Required of all graduate students whose major is chemical engineering. I and II, ($\frac{1}{4}$ unit). Professor JOHNSTONE.
- [166b. FILTRATION AND SEPARATION.—Lectures. II, ($\frac{1}{2}$ unit). *Prerequisite:* Chemistry 61b. Given in alternate years; not given in 1943-1944. Professor JOHNSTONE.]
- 167b. DISTILLATION.—Lectures. II, ($\frac{1}{2}$ unit). *Prerequisite:* Chemistry 61b. Given in 1943-1944 and in alternate years. Associate Professor COMINGS.
- 168b. ECONOMIC BALANCE AND PLANT DESIGN.—Lectures. II, ($\frac{1}{2}$ unit). *Prerequisite:* Chemistry 61b. Given in 1943-1944 and in alternate years. Professor JOHNSTONE.
- [169b. CATALYSIS.—Lectures. II, ($\frac{1}{2}$ unit). Given in alternate years; not given in 1943-1944. Professor JOHNSTONE.]

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 1943-1944.]

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.—Professors RODEBUSH and PHIPPS, 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.
- 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, DOLAND, SHEDD, VAWTER, WILEY, NEWMARK.

Associate Professors: RAYNER, OLIVER.

Assistant Professors: BAUER, DELL, PECK, CLARK.

Associates: EVANS,¹ MOORE.²

Lecturers: CUMMINGS, WISELY.²

Instructors: MUNSE, TOKAY.

Courses for Undergraduates

1. PLANE SURVEYING.—Use and care of instruments; practice in the common field methods of measuring distance, angles, and elevations; computations of areas and volumes; land survey and re-survey methods; legal principles; problems. S, I, and II, (3). *Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4. Assistant Professor BAUER.

¹On leave of absence for war service.

²Second semester.

2. TOPOGRAPHIC SURVEYING.—Contours, map construction and volumetric estimates from contour maps; astronomical determination of latitude and azimuth; transit-stadia methods of topographic surveying; survey and map of an assigned area. S, I, and II, (3). *Prerequisite:* Civil Engineering 1. Associate Professor RAYNER, Mr. MUNSE.
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, I, and II, (4). *Prerequisite:* Civil Engineering 2, 15, or 18. Professor WILEY.
- [10. MARINE AND AIR NAVIGATION.—I, (3). *Prerequisite:* Mathematics 4, 4a, or 5; junior standing. Not given in 1943-1944. Assistant Professor DELL.]
15. GENERAL SURVEYING.—Use and care of surveying instruments; computations of areas and volumes; transit-stadia mapping methods; contour problems. For students in other departments. S, I, and II, (3). *Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4. Assistant Professor DELL, Mr. MUNSE, Mr. TOKAY.
- [17. SURVEYING FOR LANDSCAPE ARCHITECTS.—I, (3). *Prerequisite:* Sophomore standing in landscape architecture. Not given in 1943-1944. Assistant Professor BAUER.]
- [18. SURVEYING FOR LANDSCAPE ARCHITECTS.—II, (3). *Prerequisite:* Civil Engineering 17.]
- [19. CONSTRUCTION SURVEYING.—II, (3). *Prerequisite:* Civil Engineering 3; Mathematics 7. Not given in 1943-1944. 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, I, and II, (3). *Prerequisite:* Civil Engineering 2, 15, 18, or consent of instructor. Professors CRANDELL and WILEY.
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.
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.—Freight sorting yards; mechanical facilities; passenger terminals. II, (2). *Prerequisite:* Civil Engineering 3. Professor WILEY.
- [29. RAILWAY SIGNALING.—Block and route signaling; train and central traffic control. II, (2). *Prerequisite:* Junior standing in engineering. Not given in 1943-1944. Professor WILEY.]
30. HIGHWAY MATERIALS LABORATORY.—Laboratory practice in testing of asphalts, tars, road oils, bituminous mixtures, stone, gravel, and paving brick. S, I, and II, (1). *Prerequisite:* Junior standing in engineering, architecture, or landscape architecture. Assistant Professor BAUER.
- [31. ADVANCED HIGHWAY MATERIALS.—II, (2). *Prerequisite:* Civil Engineering 30, 32, or 35. Not given in 1943-1944. Assistant Professor BAUER.]
- [32. ENGINEERING PROPERTIES OF SOILS.—I and II, (2). *Prerequisite:* Senior standing in engineering, or consent of instructor. Not given in 1943-1944. 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.—Manufacture, properties, and use of cast iron, wrought iron, steel and other metals, brick and terra cotta; formation, properties, and use of stone; growth, properties, and use of timber. This course supplements Civil Engineering 30, 31, and 35. S, I, and II, (1). *Prerequisite:* Junior standing in engineering, architecture, or landscape architecture. Associate Professor OLIVER.
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.
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.
44. WATER AND SEWAGE TREATMENT.—Principles, design, and operation of water purification and sewage treatment works. I, (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 1943-1944. Professor BABBITT.]
50. HYDROLOGY.—Precipitation, evaporation, transpiration, deep seepage, run-off, hydraulics of rivers and small streams; use of current meter, float, weir, etc. S, I, and II, (2). *Prerequisite:* Senior standing in engineering. Professor PICKELS.
51. DRAINAGE AND FLOOD CONTROL.—Land drainage, river improvement, flood control. I, (3). *Prerequisite:* Civil Engineering 50. Professor PICKELS.
- [55. WATER POWER.—II, (3). *Prerequisite:* Theoretical and Applied Mechanics 4 and 64. Not given in 1943-1944. Professor DOLAND.]
60. BRIDGE AND BUILDING CONSTRUCTION.—Materials, types of construction, and details for bridges and buildings. S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor HUNTINGTON.
61. STRUCTURAL STRESSES.—Analysis of stresses in statically determinate structures. S, I, and II, (4). *Prerequisite:* Registration or credit in Theoretical and Applied Mechanics 3. Assistant Professor CLARK; (S, Professor VAWTER).
62. STRUCTURAL ANALYSIS.—A continuation of Civil Engineering 61. S, I, and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3; registration or credit in Civil Engineering 61. Professor VAWTER, Associate Professor OLIVER.
63. ELEMENTARY STRUCTURAL DESIGN.—S, I, and II, (2). *Prerequisite:* Theoretical and Applied Mechanics 3; registration or credit in Civil Engineering 61. Assistant Professor CLARK; (S, 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. Professor VAWTER, Associate Professor OLIVER.
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.
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. S, I, and II, (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.
68. STATICALLY INDETERMINATE STRUCTURES.—Continuation of Civil Engineering 67. S, I, and II, (3). *Prerequisite:* Civil Engineering 67. Professor SHEDD; (S, Professor VAWTER).
70. AIRPLANE STRUCTURES.—Stress analysis and structural design of airplanes. II, (3). *Prerequisite:* Registration or credit in Civil Engineering 67 and Mechanical Engineering 33, or consent of instructor. 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. Associate Professor OLIVER.

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, PICKELS, and VAWTER.
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.**—Special lectures on soil mechanics and foundations. I, (1). *Prerequisite:* Senior standing in civil engineering or architecture. 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 1943-1944.]

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, (1 unit). Professor BABBITT.
102. **SEWERAGE.**—Sewer design, construction, maintenance, operation, and financing. II, (1 unit). 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. S and II, (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. S 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. I, (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. I, (1 to 2 units). Professor SHEDD.
109. **PUBLIC HEALTH ENGINEERING.**—Design of water purification works and principles of sanitation. I, (1 unit). Professor BABBITT.
110. **SEWAGE DISPOSAL, WASTES DISPOSAL, AND GENERAL SANITATION.**—Principles and design of sewage treatment and waste disposal works. II, (1 unit). 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. II, (1 unit). Assistant Professor PECK.
114. **ANALYTICAL STUDY OF TESTS OF STRUCTURAL STEEL MEMBERS.**—Planning tests, limitations of experimental methods, interpretation of results in terms of design practice. I, (1 unit). Professor WILSON.

120. HIGHWAY TRAFFIC, TRANSPORT, AND SAFETY.—Traffic growth, characteristics, surveys, regulations, and signaling; private and commercial transportation by automobile, bus, and truck; transport organization and regulation; accident surveys, analysis, and prevention. I, (1 unit). Professor WILEY.
- [125. RAILWAY LOCATION AND OPERATION.—I, (1 unit). Not given in 1943-1944. Professor WILEY.]
130. HYDROLOGY AND FLOOD CONTROL.—Magnitude and frequency of flood flow of streams, minimum flow of streams and regulation of flow by storage reservoirs, intense rainfall and the development of intensity curves for use in national run-off formula, unit-graph method of computing flood run-off, flood control and prevention channel improvement, levees and reservoirs. I, (1 unit). Professor PICKELS.
- [131. WATER POWER.—II, (1 unit). Not given in 1943-1944. Professor DOLAND.]
- [132. WATER RESOURCES PLANNING AND DEVELOPMENT.—II, (1 unit). Not given in 1943-1944. 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: OLDFATHER¹ (Chairman of the Department), PERRY.
Associates: OLIVER.²
Instructors: BEDRICK.
Assistants: LUMMIS.³
Research Assistants: KAISER.

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.

¹On leave of absence first semester.

²On leave of absence for war service.

³First semester.

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.

- 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. BEDRICK.
 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 1943-1944. Professor PERRY.]
 [6. THUCYDIDES AND PLATO.—II, (3). *Prerequisite:* Greek 5, or equivalent. Not given in 1943-1944. Professor PERRY.]
 [7. GREEK DRAMA.—I, (3). *Prerequisite:* Greek 4, or equivalent. Not given in 1943-1944.]
 [8. ORATORY AND ARISTOTLE.—II, (3). *Prerequisite:* Greek 5 or 7, or equivalent. Not given in 1943-1944. Professor PERRY.]
 [18a-18b. GREEK ARCHAEOLOGY.—Lectures and readings. I and II, (2). *Prerequisite:* Junior standing. Not given in 1943-1944.]
 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. Not given in 1943-1944. 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 1943-1944. Professor OLDFATHER.]
 [105a. ARISTOTLE'S ETHICS.—I, (1 unit). Not given in 1943-1944. Professor OLDFATHER.]
 106a. GREEK DRAMA: TRAGEDY.—I, (1 unit). Professor PERRY.
 106b. GREEK DRAMA: COMEDY.—II, (1 unit). 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 1943-1944.]
 110a-110b. BIBLIOGRAPHY AND CRITICISM.—Thesis course. Same as Latin 110a-110b. Continuous through I and II, (1 unit). Professor OLDFATHER.
 [121. THUCYDIDES.—II, (1 to 1½ units). Not given in 1943-1944. Professor PERRY.]
 [122. LUCIAN AND HIS AGE.—II, (1 unit). Not given in 1943-1944. Professor PERRY.]
 [125. PLATO.—I, (1 unit). Not given in 1943-1944.]

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. Professor PERRY.
- 1b. VERGIL.—II, (4). *Prerequisite:* Two or three entrance units in Latin, or Latin 1a. Mr. LUMMIS.
- [S1. CAESAR.—Intended primarily to meet the needs of teachers of Latin. S, (2). Not given in 1943.]
- [3. LUCRETIVS AND HORACE (*Odes*).—I, (3). *Prerequisite:* Latin 12a-12b, or equivalent. Not given in 1943-1944. Professor PERRY.]
4. HORACE (*Satires*) AND VERGIL (*Eclologies and Georgics*).—II, (3). *Prerequisite:* Latin 12a-12b, or equivalent. Dr. BEDRICK.
- 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. S (5a only), (1); continuous through I and II, (2). *Prerequisite:* Three entrance units in Latin, or registration in Latin 6. Dr. BEDRICK.
- [6. CICERO.—I, (4). *Prerequisite:* Two entrance units in Latin, or Latin 11a-11b. Not given in 1943-1944. Dr. BEDRICK.]
- [9. TEACHERS' COURSE.—Required of those receiving the recommendation of the department as teachers. II, (2). *Prerequisite:* Twelve hours of Latin acceptable for a major. Not given in 1943-1944.]
- 11a-11b. ELEMENTARY LATIN.—Continuous through I and II, (4). Seniors receive only three hours credit. Dr. BEDRICK.
- 12a. PLAUTUS, TERENCE, CATULLUS.—S, (2 or 4); I, (4). *Prerequisite:* Four entrance units in Latin, or Latin 1a-1b. Mr. LUMMIS; (S, Dr. BEDRICK).
- [12b. SALLUST AND CICERO (*De Senectute*).—II, (4). *Prerequisite:* Four entrance units in Latin, or Latin 1a-1b. Not given in 1943-1944. Mr. LUMMIS.]
13. ROMAN PRIVATE LIFE.—Social organization, marriage, education, amusements. Lectures (illustrated) and readings. II, (1). *Prerequisite:* Sophomore standing. Dr. BEDRICK.
20. MYTHOLOGY OF GREECE AND ROME.—Lectures and readings. S and I, (2). *Prerequisite:* Sophomore standing. Professor PERRY.
- [28. CLASSICAL ARCHAEOLOGY.—S, (1). Not given in 1943-1944.]
- [40. ROMAN CIVILIZATION.—S, (1). *Prerequisite:* Sophomore standing. Not given in 1943-1944.]
- [41. CLASSICAL ELEMENTS OF ENGLISH VOCABULARY.—S, (1½). Not given in 1943-1944.]

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. Not given in 1943-1944. Professor PERRY.]
- [21. TACITUS (*Annales*) AND JUVENAL.—I, (3). *Prerequisite:* Twelve hours of Latin acceptable for a major. Not given in 1943-1944.]
- [22. MARITAL, SUTONIUS, AND APULEIUS.—II, (3). *Prerequisite:* Twelve hours of Latin acceptable for a major. Not given in 1943-1944.]
- [23. LIVY, TIBULLUS, AND PROPERTIUS.—I, (3). *Prerequisite:* Twelve hours of Latin acceptable for a major. Not given in 1943-1944. Mr. LUMMIS.]
- [24. OVID (*Elegy*) AND SENECA (*Epistles and Tragedies*).—II, (3). *Prerequisite:* Twelve hours of Latin acceptable for a major. Not given in 1943-1944.]
- 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 1943-1944.]
 [102. ROMAN ORATORY.—II, (1 unit). Not given in 1943-1944.]
 104. PALAEOGRAPHY.—I, (1 unit). Professor OLDFATHER.
 [106. TERENCE.—I, (1 unit). Not given in 1943-1944. Professor OLDFATHER.]
 [107. LATIN EPIGRAPHY.—II, (1 unit). Not given in 1943-1944.]
 [109. VERGIL.—I, (1 unit). Not given in 1943-1944. 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 1943-1944.]
 114. CAESAR.—II, (1 unit). Professor OLDFATHER.
 [115. LATIN ELEGY.—II, (1 unit). Not given in 1943-1944.]
 [116. LATIN SATIRE.—I, (1 unit). Not given in 1943-1944.]
 [117. LUCRETIUS.—S, (1 unit). Not given in 1943-1944. Professor PERRY.]
 118. LATIN ROMANCE.—S, (1 unit). Professor PERRY.
 [119. SUTONIUS.—I, (1 unit). Not given in 1943-1944. Professor OLDFATHER.]
 [150. CICERO'S LETTERS.—II, (1 unit). Not given in 1943-1944.]
 [151. ANNALES OF TACITUS.—II, (1 unit). Not given in 1943-1944.]

DAIRY HUSBANDRY

Professors: RUEHE,¹ (Head of the Department), YAPP (Acting Head of the Department), FRASER (Emeritus), GAINES, PRUCHA (Emeritus), NEVENS, TRACY, OVERMAN, HUSSONG.

Assistant Professors: TUCKEY.²

Associates: KUHLMAN,² ORMISTON,² ALEXANDER, HETRICK, MENEFFEE.

Instructors: KENDALL, SHEURING,² HOSKISSON.

Assistants: HARSHBARGER.²

Courses for Undergraduates

- [1. CHEMICAL CONTROL METHODS FOR DAIRY PLANTS.—I, (3). *Prerequisite:* Dairy Husbandry 24b, or sophomore standing. Not given in 1943-1944. Professor OVERMAN, Mr. MENEFFEE.]
 2a. DAIRY CATTLE BREEDING AND FEEDING.—Lectures, recitations, and problems. S, (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 1943-1944. Professor YAPP.]
 [†4. ICE CREAM MANUFACTURE.—I, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1943-1944. Professor TRACY, Mr. HETRICK.]
 [†7. CREAMERY BUTTERMILKING AND FACTORY MANAGEMENT.—II, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1943-1944.]
 [†8. FLUID MILK PLANT OPERATIONS.—II, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1943-1944. Professor TRACY.]
 [†9. DAIRY PRODUCTS JUDGING.—I, (2). *Prerequisite:* Dairy Husbandry 24b. Not given in 1943-1944. Professor TRACY.]
 11. GENERAL DAIRY BACTERIOLOGY.—Milk sanitation. Lectures, readings, and reports. II, (2). *Prerequisite:* Sophomore standing, or consent of instructor. Professor HUSSONG.
 [12. GENERAL DAIRY BACTERIOLOGY.—II, (2). *Prerequisite:* Dairy Husbandry 11, or registration therein. Not given in 1943-1944. Professor HUSSONG.]
 [†14. MILK CONDENSING.—II, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1943-1944. Professor TRACY, Mr. HOSKISSON.]

¹On leave of absence for the year.

²On leave of absence for war service.

†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.

- [†22. CHEESE MANUFACTURE.—I, (3). *Prerequisite:* Dairy Husbandry 24b. Not given in 1943-1944. Professor TRACY, Mr. HOSKISSON.]
- 24a. ELEMENTARY DAIRY PRODUCTION.—Survey of the industry; breeds of dairy cattle; selection, feeding, and management of herds. Lecture, quiz, and laboratory. I, (3). Juniors and seniors receive only two hours credit. Professor NEVENS, Mr. KENDALL.
- 24b. ELEMENTARY TESTING AND MANUFACTURE OF DAIRY PRODUCTS.—Lecture, quiz, and laboratory. II, (3). Juniors and seniors receive only two hours credit. Professor TRACY, Mr. HOSKISSON.
- [27. SPECIAL PROBLEMS.—I and II, (5). *Prerequisite:* Senior standing; approval of head of department. Not given in 1943-1944. 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 1943-1944. 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 1943-1944. Professor OVERMAN.]
- [10. ADVANCED DAIRY BACTERIOLOGY.—I, (4). *Prerequisite:* Bacteriology 5a and 5b; junior standing. Not given in 1943-1944.]
- [17. ADVANCED STUDY OF DAIRY BREEDS.—I, (3). *Prerequisite:* Dairy Husbandry 2a; junior standing. Not given in 1943-1944. 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.—Feeding standards and experiments, nutritional problems, planning investigations. Lectures, readings, and seminar. S, (2). *Prerequisite:* Dairy Husbandry 2a; junior standing. Professor NEVENS.
- [30. ADVANCED DAIRY MANUFACTURES.—II, (3). *Prerequisite:* Dairy Husbandry 1, 11, 12, 4, 8, 14; senior standing. Not given in 1943-1944. Professor TRACY.]
- [31. ADVANCED DAIRY MANUFACTURES.—I, (3). *Prerequisite:* Dairy Husbandry 1, 7, 11, 12, 22 or equivalent; senior standing. Not given in 1943-1944.]
- [32. PLANT MANAGEMENT.—I, (3). *Prerequisite:* Senior standing; consent of instructor. Not given in 1943-1944. 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 1943-1944. Professor YAPP.]
- [105. DAIRY MANUFACTURES.—I and II, ($\frac{1}{2}$ to 2 units). Not given in 1943-1944. Professor TRACY.]
106. DAIRY BACTERIOLOGY.—Assigned problems. 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 1943-1944. Professor OVERMAN.]
108. PHYSIOLOGY OF LACTATION.—I, ($\frac{1}{2}$ to 2 units). 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.

†See footnote on preceding page.

- [113. SEMINAR.—Current literature in dairy bacteriology, dairy chemistry, and dairy manufactures. I and II, ($\frac{1}{2}$ unit). Not given in 1943-1944. 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 1943-1944. Professors GAINES, YAPP, and NEVENS.]

DIVISION OF GENERAL STUDIES (L.A.S.)

Professors: BAKER, VAN CLEAVE, STEVENS, SWAIN, GOTSHALK.
Associate Professors: WANLESS, HERRICK (in charge).
Assistant Professors: TEMPLEMAN, WILL, HULETT, W. G. JOHNSON, MORRELL, CARLSON.
Associates: KUGLER, SHATTUCK, MATHEWS, SHOEMAKER, FISCHER.
Instructors: HOUTCHENS, SIRICH, CORLETT.
Assistants: SEIBERT,¹ OLSON, PARMERTER, GOODNIGHT.

Courses for Undergraduates

- 1a-1b. VERBAL EXPRESSION.—Oral and written communication. I and II, (4). Assistant Professors TEMPLEMAN and W. G. JOHNSON, Dr. SHATTUCK, Dr. MATHEWS, Dr. HOUTCHENS.
- 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. I and II, (4). Professor SWAIN, Dr. SIRICH, Dr. CORLETT.
- 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. I and II, (4). Professors VAN CLEAVE and STEVENS, Dr. KUGLER, Dr. SHOEMAKER.
- 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. 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 HULETT.
- 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 CARLSON and WILL.

ECONOMICS

Professors: HUNTER (Head of the Department), KINLEY (Emeritus), ROBINSON (Emeritus), BOGART (Emeritus), THOMPSON (Emeritus), LITMAN (Emeritus),² LEE, BELL, BROWN, GRAY, LOCKLIN.
Associate Professors: DICKINSON, NEISWANGER,³ ALLEN,³ BLODGETT.
Assistant Professors: GREEN,³ NOLEN, KEMMERER, McNATT,³ ROBB, RUGGLES,³ VAN ARSDELL.³
Associates: HOOVER (Emeritus), HAWORTH, WESTON, BECKETT, HAMMOND, McCONNELL.
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.

¹Resigned.

²Recalled for active service.

³On leave of absence for war service.

Minors: 20 hours in any one or two of the following subjects: geography, geology, history, mathematics, philosophy, political science, psychology, social 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:—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.
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.
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 1943-1944. Professor GRAY.]
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.
- 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, Dr. McCONNELL).
- [5. **FINANCIAL HISTORY OF THE UNITED STATES.**—I, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. Assistant Professor NOLEN.]

6. PRINCIPLES AND PRACTICES OF INVESTMENT BANKING.—I, (3). *Prerequisite:* Economics 3. Professor LEE.
- [8. MONEY, PRICES, AND FOREIGN EXCHANGES.—II, (3). *Prerequisite:* Economics 3; junior standing. Not given in 1943-1944. Assistant Professor NOLEN.]
- [9. COMPARATIVE BANKING SYSTEMS AND PRACTICES.—II, (3). *Prerequisite:* Economics 3; junior standing. Not given in 1943-1944. 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. S, I, and II, (3). *Prerequisite:* Economics 1; Accountancy 1a and 1b. 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. I and 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. Not given in 1943-1944. Assistant Professor KEMMERER.]
- [20. ECONOMIC DEVELOPMENT OF THE UNITED STATES SINCE 1860.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. 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 1943-1944. Dr. HAMMOND.]
- [25. ECONOMIC DEVELOPMENT OF MODERN EUROPE, II.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. 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 1943-1944.]
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 1943-1944. Assistant Professor McNATT.]
- [40. LABOR AND THE LAW.—II, (3). *Prerequisite:* Economics 41. Not given in 1943-1944. 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 1943-1944. Assistant Professor McNATT.]
44. COMPARATIVE ECONOMIC SYSTEMS.—Economics of capitalism, socialism, communism, and fascism. S, 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, I, and II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Professor HUNTER; (S, Dr. WESTON).
- [52. STATE AND LOCAL FINANCES OF ILLINOIS.—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. 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.**—Historical development and economic aspects. II, (3). *Prerequisite:* Economics 54. Associate Professor DICKINSON.
- [56. **PROPERTY INSURANCE.**—II, (3). *Prerequisite:* Economics 54. Not given in 1943-1944. Associate Professor DICKINSON.]
61. **ECONOMIC THEORY.**—Leading economic theories, particularly value and distribution. I, (3). *Prerequisite:* Economics 1 or 2; senior standing. Professor BELL.
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 1943-1944. Professor GRAY.]
- [83. **PUBLIC UTILITY RATES.**—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. Not given in 1943-1944. Professor GRAY.]
92. **ECONOMICS OF TRANSPORTATION.**—Economics of the railroad industry and of other transportation agencies; problems of regulation. I, (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 1943-1944.]
96. **CURRENT TRANSPORTATION PROBLEMS.**—II, (3). *Prerequisite:* Economics 1 or 2; junior standing. 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 1943-1944. 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 1943-1944. Associate Professor BLODGETT.]
- [104a. THEORIES AND POLICIES OF INTERNATIONAL COMMERCE.—I, (1 unit). Not given in 1943-1944.]
- [104b. THEORIES AND POLICIES OF INTERNATIONAL TRADE.—II, (1 unit). Not given in 1943-1944.]
- [105. PUBLIC FINANCE.—I and II, (1 unit). Not given in 1943-1944. Professor HUNTER.]
- [109. THEORY AND PRACTICE OF CENTRAL BANKS.—I and II, (1 unit). Not given in 1943-1944. Professor LEE.]
- [110. CORPORATION FINANCE.—I and II, (1 unit). Not given in 1943-1944. Professor BROWN.]
- [112. LABOR ECONOMICS.—I, (1 unit). Not given in 1943-1944. Assistant Professor McNATT.]
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 1943-1944. Assistant Professor KEMMERER.]
123. INDUSTRIAL AND FINANCIAL ORGANIZATION OF SOCIETY.—I and II, (1 unit). Professor LEE.
- [124. INTERNATIONAL ECONOMICS AND FINANCE.—I, (1 unit). Not given in 1943-1944. Associate Professor ALLEN.]
- [127. CONTEMPORARY ECONOMIC PROBLEMS AND LITERATURE.—S, (1 unit). Not given in 1943-1944.]
- [136. INVESTMENTS.—I and II, (1 unit). Not given in 1943-1944. Professor BROWN.]
- [140. COMPARATIVE ECONOMIC SYSTEMS.—I, (1 unit). Not given in 1943-1944. Associate Professor BLODGETT.]
- [144. THEORY AND MEASUREMENT OF BUSINESS CYCLES.—I and II, (1 unit). Not given in 1943-1944. Associate Professor DICKINSON.]
165. SOCIAL CONTROL OF BUSINESS.—I and II, (1 unit). Professor GRAY.
- [170. ECONOMIC STATISTICS.—I and II, (1 unit). Not given in 1943-1944.]
- [180. ECONOMICS OF PUBLIC UTILITIES.—I and II, (1 unit). Not given in 1943-1944. Professor GRAY.]
192. ECONOMICS OF TRANSPORTATION.—I and II, (1 unit). Professor LOCKLIN.

EDUCATION

(Including Agricultural and Industrial Education)

Professors: BENNER (Dean), MONROE, CLEMENT (Emeritus), SEYBOLT,¹ MAYS, GRIFFITH, REEDER, HAMLIN, WEBER.

Associate Professors: NOLAN (EMERITUS), ODELL, SMITH, POTTHOFF, DODGE, BROWNE, SANFORD, BENNE.²

Assistant Professors: JOHNSTON, DOLCH, REAGAN, JACKSON, HABBERTON,² FINCH, HARNISH, HUMBLE,² LAWSON, McHARRY, WILLIAMS, ANDERSON, LAMBERT, BLAIR, KITCHELL, SCHULTZ,² STANLEY (Visiting), HARTLEY, SHORES.²

¹On leave of absence first semester.

²On leave of absence for war service.

Associates: ROBINSON, BRAUCHER (Emeritus), RUCKER, KETTELKAMP, HASTINGS, ALSTROM, ANDREWS, BODENBACH, KUHN.
Instructors: HAGAN, KOUNIN,¹ WEISS, FUZAK, ENGLE, GOODSON, W. M. JOHNSON, WILKES.
Teachers in University High School—ALLEN (Principal), HOWD,¹ HIGGS, WILSON, CHANGNON, TERRY,¹ HESS, SKINNER,¹ ZICKGRAF, GOESSLING,¹ HINES, SWINDELL, CAMERON, GOURLEY, IBALL, M. C. JOHNSON, RAWLINGS.²
Cooperating: Professors C. E. PALMER, G. B. WEISIGER, and F. W. ZNANIECKI, Dr. R. P. LARSEN.
Summer of 1943 but not in current year: MARION C. CARSWELL, EDNA MESHKE, KATHERINE MICHAELSON, HARRIET L. RHEINGOLD.

Introductory Course

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. S and II, (3). *Prerequisite:* Junior standing. Professor SEYBOLT; (S, Assistant Professor JOHNSTON).
 5. COMPARATIVE EDUCATION.—S, 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, REAGAN, and WILLIAMS).
 6b. PRINCIPLES OF SECONDARY EDUCATION.—S, I, and II, (3). *Prerequisite:* Education 25. Professor WEBER, Associate Professor SMITH, 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 Professors DOLCH and REAGAN).
 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 JACKSON, 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.

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| 1. PHYSICAL EDUCATION FOR MEN.—(2 to 4). | 17. LATIN.—(5). |
| 2. PHYSICAL EDUCATION FOR MEN.—(2 to 4). | 19. MATHEMATICS.—(5). |
| 3. PHYSICAL EDUCATION FOR WOMEN.—(3). | 20a-20b. MUSIC.—(2 to 5). |
| 4. PHYSICAL EDUCATION FOR WOMEN.—(3). | 21. PHYSICS.—(5). |
| 5. AGRICULTURAL EDUCATION.—(3 to 5). | 23. SPANISH.—(5). |
| 6. BIOLOGY.—(5). | 24. STENOGRAPHY AND |
| 7. CHEMISTRY.—(5). | TYPENITING.—(5). |
| 8. CIVICS.—(5). | 25. ELEMENTARY EDUCATION.—(5). |
| 9. DRAWING, ART.—(5). | 26. BOOKKEEPING.—(5). |
| 10. DRAWING, MECHANICAL.—(5). | 27. ECONOMICS.—(5). |
| 11. ENGLISH.—(5). 11a. SPEECH.—(5). | 28. GERMAN.—(5). |
| 12. FRENCH.—(5). | 29. GEOGRAPHY.—(5). |
| 13. GENERAL SCIENCE.—(5). | 30. PHYSIOGRAPHY.—(5). |
| 14. HOME ECONOMICS EDUCATION.—(5). | 31. PHYSIOLOGY.—(5). |
| 15. HISTORY.—(5). | 32. SOCIOLOGY.—(5). |
| 16. INDUSTRIAL EDUCATION.—(5). | 33. AERONAUTICS.—(5). |

¹On leave of absence for war service.

²First semester.

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 1943.]
69. PRINCIPLES AND METHODS IN REMEDIAL READING.—S and I, (3). *Prerequisite:* Education 25; junior standing. Assistant Professor DOLCH; (S, Assistant Professor BLAIR).
- [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 1943-1944. 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); Library Science 9, School Library Management (4); and Library Science 49, Children's Literature (2). *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.—II, (3). *Prerequisite:* Education 25. Associate Professor ODELL.
30. HISTORY OF AMERICAN EDUCATION.—S, (2); I, (3). *Prerequisite:* Senior standing, or Education 2 or 11. Assistant Professor ANDERSON.
- [40. PROGRAMS AND PROCEDURES IN BUSINESS EDUCATION.—I and II, (3). *Prerequisite:* Junior standing. Not given in 1943-1944.]
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.—II, (3). *Prerequisite:* Senior standing, or consent of instructor. Assistant Professor DOLCH.
- 43a. MENTAL TESTS (GENERAL PRINCIPLES AND GROUP TESTING).—Designed to accompany Education 43b, but may be elected without it. II, (3). *Prerequisite:* Education 25; junior standing. Associate Professor ODELL, Dr. LARSEN.
- 43b. MENTAL TESTS (LABORATORY IN INDIVIDUAL TESTING).—II, (2). *Prerequisite:* Education 43a, either previously or concurrently. Associate Professor ODELL, Dr. LARSEN.
- [S46. RECENT DEVELOPMENTS IN THE TEACHING OF ELEMENTARY SCHOOL SUBJECTS.—S, (3). *Prerequisite:* Senior standing. Not given in 1943.]
47. IMPROVEMENT OF INSTRUCTION IN ELEMENTARY SCHOOL SUBJECTS.—S, (3). *Prerequisite:* Education 25; junior standing. Miss CARSWELL.
50. CHILD PSYCHOLOGY.—S, (2). *Prerequisite:* Psychology 1, or Education 25 and junior standing, or consent of instructor. Assistant Professors DOLCH and STANLEY.
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. 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 1943-1944. 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 1943-1944.]
66. SOCIOLOGY OF EDUCATION.—Same as Sociology 80. II, (3). *Prerequisite*: Sociology 1; junior standing. Professor ZNANIECKI.
- [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 1943. 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). Not given in 1943. Professor WEISIGER.]
104. EDUCATIONAL ADMINISTRATION.—S and I, (1 unit). Professor WEBER; (S, Dean BENNER).
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 1943.]
- [109. PSYCHOLOGY OF ADOLESCENCE FOR TEACHERS.—S, ($\frac{3}{4}$ to 1 unit). Not given in 1943-1944. 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). Professors HAMLIN, REEDER, and WEBER.
- S114. CURRICULUM PROBLEMS AND TRENDS IN HOME ECONOMICS EDUCATION.—S, (1 unit). Miss MESHKE.
115. EDUCATION AND THE PROBLEMS OF PERSONALITY.—S, (1 unit). Professor GRIFFITH.
- S116. SEMINAR IN HOME ECONOMICS EDUCATION.—S, (1 unit). Miss MESHKE.
- S117. ADULT EDUCATION.—S, (1 unit). Professor HAMLIN, Associate Professors BROWNE and SANFORD.
- S118. BEHAVIOR PROBLEMS OF SCHOOL CHILDREN.—S, (1 unit).
119. TRENDS AND TECHNIQUES IN CURRICULUM MAKING.—S, I, and II, (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 I, (1 unit). Associate Professor ODELL.
122. EDUCATIONAL AND VOCATIONAL GUIDANCE.—S and II, (1 unit). Assistant Professor FINCH.
123. EDUCATIONAL STATISTICS.—S and II, (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). Professor GRIFFITH, Associate Professor POTTHOFF; (S, Assistant Professor REAGAN).
- S126. ADMINISTRATION AND SUPERVISION OF VOCATIONAL EDUCATION.—S, (1 unit). Professors MAYS and HAMLIN.
- [128. JUNIOR HIGH SCHOOL.—II, (1 unit). Not given in 1943-1944.]
- [129. JUNIOR COLLEGE.—I, (1 unit). Not given in 1943-1944.]
- [131. TEXTBOOKS AND OTHER MATERIALS OF INSTRUCTION IN SECONDARY SCHOOLS.—I, (1 unit). Not given in 1943-1944.]
- [132. DIAGNOSTIC AND REMEDIAL WORK IN ARITHMETIC.—I, (1 unit). Not given in 1943-1944.]
134. CURRICULUM PROBLEMS AND TRENDS IN ELEMENTARY SCHOOL READING AND THE LANGUAGE ARTS.—S and I, (1 unit). Professor REEDER; (S, Miss CARSWELL).
135. CURRICULUM PROBLEMS AND TRENDS IN ELEMENTARY SCHOOL SOCIAL STUDIES.—S, (1 unit). Professor REEDER.
136. DIAGNOSTIC AND REMEDIAL PROGRAMS OF THE SCHOOL.—S, I, 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 1943.]
- [138. SUPERVISION OF THE ELEMENTARY SCHOOL.—S, (1 unit). Not given in 1943.]
139. SEMINAR IN CURRICULUM PROBLEMS.—S, (1 unit). Associate Professor SMITH.
- S141. CURRICULUM PROBLEMS AND TRENDS IN DISTRIBUTIVE EDUCATION.—S, (1 unit). Assistant Professor LAWYER.
- S142. SEMINAR IN WARTIME PROBLEMS AND TRENDS OF DISTRIBUTIVE EDUCATION.—S, (1 unit). Assistant Professor LAWYER.
145. GENETIC PSYCHOLOGY FOR TEACHERS.—I, (1 unit). Professor GRIFFITH.
- [147. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS.—I, (1 unit). Not given in 1943-1944. Assistant Professor DOLCH.]
- [148. PSYCHOLOGY OF SECONDARY SCHOOL SUBJECTS.—II, (1 unit). Not given in 1943-1944. 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 1943-1944. Professor ZNANIECKI.]
170. PUBLIC SCHOOL FINANCE AND BUSINESS ADMINISTRATION.—S, I, and II, (1 unit). Prerequisite: Education 104 or 106. Professor WEBER.
- [S175. THE HIGH SCHOOL PROGRAM OF AGRICULTURAL EDUCATION.—S, ($\frac{3}{4}$ unit). Not given in 1943. Professor HAMLIN.]
- S176. ADULT EDUCATION IN AGRICULTURE.—S, ($\frac{1}{2}$ unit). 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 1943. 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). Assistant Professor FINCH.
184. SEMINAR IN SCHOOL ADMINISTRATION.—S and II, (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 and II, (1 unit). Professor MAYS.
189. ADMINISTRATION AND SUPERVISION OF INDUSTRIAL EDUCATION.—S, (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.—S, (1 unit). Dean BENNER.
- [S193. PUBLIC RELATIONS OF THE SCHOOLS.—For experienced teachers and administrators. S, ($\frac{3}{4}$ to 1 unit). Not given in 1943. 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 I, (1 unit). Dean BENNER, Associate Professors SMITH, ODELL, and SANFORD, Assistant Professor ANDERSON; (S, Professors WEBER and MONROE, Assistant Professor STANLEY).

AGRICULTURAL EDUCATION

Courses for Undergraduates

1. INTRODUCTION TO AGRICULTURAL EDUCATION.—I, (2). *Prerequisite*: Sophomore standing in the College of Agriculture. 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 1943-1944. 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 and II, (4). Seniors receive only three hours credit. Mr. FUZAK.
2. INDUSTRIAL ARTS.—Advanced woodworking. I, (4). Mr. FUZAK.

3. INDUSTRIAL ARTS.—General shop work. S and I, (4). Seniors receive only three hours credit. Mr. FUZAK.
 4. INDUSTRIAL ARTS.—Advanced shop work. S and II, (4). Mr. FUZAK.
 57. TRADE AND INDUSTRIAL SHOP INSTRUCTION.—II, (3). Professor MAYS.
 62. HISTORY AND ORGANIZATION OF INDUSTRIAL ARTS.—I, (3). 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. 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. 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: PAINE (Head of the Department), BROOKS (Emeritus), TYKOCINER, KNIGHT, BROWN, KRAEHENBUEHL, REICH,¹ KEENER.

Associate Professors: REID, TUTHILL, WALDO (Emeritus).

Assistant Professors: FAUCETT, ARCHER, SKRODER, HAYWARD, FETT.

Instructors: HORN, HELM, MACE,¹ PEIRCE, BAILEY, MILLER,¹ SCHWARZLOSE.

Summer of 1943 but not in current year: L. R. BLOOM.

Courses for Undergraduates

4. DIRECT AND ALTERNATING CURRENT CIRCUITS AND MACHINES.—Fundamental principles of electrical circuits and machines. For students in agricultural, ceramic,

¹On leave of absence for war service.

- civil, and mining engineering. S, I, and II, (2). *Prerequisite:* Physics 1a, 1b, 3a, 3b; Mathematics 8b or 9; registration in Electrical Engineering 64. Mr. PEIRCE; (S, Assistant Professor HAYWARD).
5. APPLICATIONS OF ELECTRICAL EQUIPMENT.—Applications of electricity for industrial uses. For students in ceramic and mining engineering. I and II, (2). *Prerequisite:* Electrical Engineering 4, 64; registration in Electrical Engineering 65. 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, I, and II, (3). *Prerequisite:* Physics 1a, 1b, 3a, 3b; Mathematics 8b or 9; registration in Electrical Engineering 61. Professors KNIGHT and KRAEHNBUHL, Assistant Professor FAUCETT.
12. DIRECT AND ALTERNATING CURRENT APPARATUS.—Generators and motors, transformers, rectifiers, and electronic devices. S, I, and II, (3). *Prerequisite:* Electrical Engineering 11, 61; registration in Electrical Engineering 62. Professor KRAEHNBUHL, Assistant Professors FAUCETT and HAYWARD.
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 KRAEHNBUHL, Mr. HORN.
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, I, and II, (4). *Prerequisite:* Physics 1b, 3b; Mathematics 9; registration in Mathematics 9a or 16; registration in Electrical Engineering 75. Professor KNIGHT; (S, Assistant Professors HAYWARD and FETT).
26. DIRECT CURRENT APPARATUS.—Theory and characteristics of direct current apparatus. S, I, and II, (3). *Prerequisite:* Electrical Engineering 25; Mathematics 9a; registration in Electrical Engineering 76. Professor KNIGHT, Assistant Professor FETT.
35. ALTERNATING CURRENT APPARATUS.—Transformers and generators. S, I, and II, (4). *Prerequisite:* Electrical Engineering 26, 76; registration in Electrical Engineering 85. Professor KEENER; (S, Professor PAINE, Mr. HELM).
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 1943-1944.]
- [42. TRANSIT ENGINEERING PRACTICE.—II, (4). *Prerequisite:* Electrical Engineering 41. Not given in 1943-1944.]
- [44. TRANSIT ENGINEERING LABORATORY AND DESIGN.—II, (3). *Prerequisite:* Registration in Electrical Engineering 42. Not given in 1943-1944.]
- [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 1943-1944.]
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. Assistant Professor SKRODER.
50. INTRODUCTION TO APPLIED ELECTRONICS.—Fundamental principles of the design, operation, and application of electron devices. S, I, and II, (2). *Prerequisite:* Electrical Engineering 25. Assistant Professor FETT, Mr. BAILEY, Mr. SCHWARZLOSE; (S, Mr. BLOOM).
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. BAILEY; (S, Assistant Professor FETT).
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; (S, 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. Professor REICH; (S, Assistant Professor FETT, Mr. BLOOM).
54. VACUUM TUBES AND CONTROL DEVICES.—Theory, characteristics, and application of the high vacuum tubes, amplifiers, and control devices. S, I, and II, (3). *Prerequisite:* Electrical Engineering 25, 50. Professor REICH, Assistant Professor FETT; (S, Mr. SCHWARZLOSE).
55. ELECTRICAL DESIGN.—Electromagnets and dynamos, direct and alternating, transformers. S, I, and II, (2). *Prerequisite:* Electrical Engineering 26; registration in Electrical Engineering 35. Assistant Professor ARCHER.
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 1943-1944.]
- [58. POWER TRANSMISSION AND DISTRIBUTION CIRCUITS.—I, (3). *Prerequisite:* Electrical Engineering 25. Not given in 1943-1944.]
- [59. ELECTRON TUBES.—II, (3). *Prerequisite:* Electrical Engineering 54, or consent of instructor. Not given in 1943-1944.]
61. DIRECT AND ALTERNATING CURRENT LABORATORY.—Circuits. For students in agricultural, chemical, general, and mechanical engineering, and industrial administration. S, I, and II, (1). *Prerequisite:* Registration in Electrical Engineering 11. Associate Professors REID and TUTHILL, Mr. BAILEY, Mr. MILLER, Mr. SCHWARZLOSE; (S, Mr. PEIRCE).
62. DIRECT AND ALTERNATING CURRENT LABORATORY.—Machines. For students in agricultural, chemical, and general engineering, and industrial administration. S, I, and II, (1). *Prerequisite:* Electrical Engineering 11, 61; registration in Electrical Engineering 12. Associate Professor TUTHILL, Mr. HORN, Mr. PEIRCE.
64. DIRECT AND ALTERNATING CIRCUITS AND MACHINES LABORATORY.—To accompany Electrical Engineering 4. For students in agricultural, ceramic, civil, and mining engineering. S, I, and II, (1). *Prerequisite:* Registration in Electrical Engineering 4. Mr. PEIRCE.
65. ELECTRICAL EQUIPMENT LABORATORY.—I and II, (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, I, and II, (2). *Prerequisite:* Registration in Electrical Engineering 25. Associate Professors REID and TUTHILL, Mr. HELM; (S, Professor KNIGHT, Mr. MILLER).
76. ELECTRICAL ENGINEERING LABORATORY.—Operation and testing of direct current machines. S, I, and II, (3). *Prerequisite:* Electrical Engineering 25, 75; registration in Electrical Engineering 26. Associate Professors REID and TUTHILL, Assistant Professors ARCHER and SKRODER, Mr. HELM, Mr. BAILEY, Mr. MILLER; (S, Professor KNIGHT).
84. VACUUM TUBE LABORATORY.—Experimental study of the characteristics and applications of high vacuum tubes. S, I, and II, (1). *Prerequisite:* Registration in Electrical Engineering 54, or consent of instructor. Professor REICH, Mr. BAILEY.
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 1943-1944.]

- [90. BUILDING LIGHTING.—I and II, (1). Not open to students with credit in Electrical Engineering 14. *Prerequisite*: Junior standing. Not given in 1943-1944.]
- 95-96. SEMINAR.—Papers and discussions of current engineering topics. S, I, and II, (1). *Prerequisite*: Senior standing in electrical engineering. Professor PAINE.
- [97-98. THESIS.—First semester, preliminary reading and investigation; second semester, completion. Continuous through I and II, (0 to 3). Not given in 1943-1944.]
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite*: Senior standing. Not given in 1943-1944.]

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 1943-1944.]
- [101. ADVANCED COURSES IN ALTERNATING CURRENTS.—I and II, ($\frac{1}{2}$ to 2 units). Not given in 1943-1944.]
- (b) CIRCUIT TRANSIENTS.—Professors KNIGHT and REICH.
- (c) MACHINE TRANSIENTS.—Professor KEENER.
- (d) SYMMETRICAL COMPONENTS.—Professor KRAEHNBUHEL, Assistant Professor FAUCETT.
102. ELECTRIC WAVES, OSCILLATIONS, AND TRANSIENTS.—II, ($\frac{1}{2}$ to 2 units).
- (a) THEORY OF ENERGY RADIATION.—Professor BROWN.
- (b) PRINCIPLES OF TELEVISION ENGINEERING.—Professor BROWN.
103. ELECTRIC DESIGN.—I and II, (1 to 3 units).
- (a) POWER PLANT DESIGN.—Professor PAINE.
- (b) MACHINE DESIGN.—Professor PAINE.
- (c) ILLUMINATION PRACTICE AND DESIGN.—Professor KRAEHNBUHEL.
104. VACUUM TUBES AND ELECTRONIC CONTROL.—S, (1 unit).
- (a) THEORETICAL ELECTRONICS.—Professor REICH.
- (b) VACUUM TUBES AND AMPLIFIERS.—Professor REICH.
- (c) PHOTOELECTRIC CELLS, CONTROL TUBES, AND INVERTERS.—Professor REICH.
105. ELECTRICAL ENGINEERING RESEARCH.—S, I, and II, (1 to 3 units). Professors PAINE, TYKOCINER, KNIGHT, REICH, BROWN, KRAEHNBUHEL, and KEENER, Assistant Professors FAUCETT and FETT.

ENGINEERING

Professors: CASBERG, CRANDELL, DRAFFIN, JORDAN, PICKELS, REICH,¹ YOUNG.

Associate Professors: TUTHILL.

Assistant Professors: DELL.

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.—Evolution and growth of industry; basic industrial principles; ownership and securities; standardization; valuation and depreciation; comparisons and selections of engineering projects. S and I, (3). *Prerequisite*: Sophomore standing in engineering. Professor YOUNG.
20. HISTORY OF ENGINEERING.—Important elements in the growth of the art and science of engineering from ancient times to the present. Lives of some of the men who have been leaders. Effect of engineering on social conditions of various periods. I, (2). *Prerequisite*: Junior standing in engineering. Professor DRAFFIN.

¹On leave of absence for war service.

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, I, and II, (3). *Prerequisite:* Junior standing. Professor CASBERG.
40. **TRANSPORTATION.**—Survey course covering highway and marine transportation. Historical development and essential technical considerations. S, 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, (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).

ENGLISH

(Including Rhetoric and Speech)

Professors: HILLEBRAND (Head of the Department), BERNBAUM, FLOM (Emeritus), PAUL (Emeritus), BALDWIN, W. J. GRAHAM, FLETCHER, SAUNDERS, LARSEN, PARRY.

Associate Professors: LANDIS, WEIRICK, PARRISH, SECORD, C. R. ANDERSON, GLENN, HERRICK, SMITH, ROBERTS.

Assistant Professors: RINAKER, KYLE (Emerita), TEMPLEMAN, KELSO, M. S. GOLDMAN,¹ WINDESHEIM, SWANSON, TUPPER, HARRIS, HUSTON,¹ NELSON, JOHNSON, WASSERMAN.

Associates: BUSEY, HASKELL,² TRELEASE, SHATTUCK, MATHEWS.

Instructors: BLOOM, KELLEY, FRENCH, RAPP, L. H. HOUTCHENS, MILLIGAN,¹ MOSES,¹ DIETER,¹ WILKINSON,¹ GEIST,¹ HOLADAY, C. W. HOUTCHENS,³ SCOTT,¹ SARGENT,¹ AMES,⁴ MOORE, BUSHMAN, M. W. GRAHAM, HOCHMUTH, HUBACH, HUNTER.

Assistants: SWENEY, OWEN, CAMP, MORRISON, QUINN, BUTLER,¹ MOSHER,¹ MCGLOTHLIN, PORZAK, LEWIS, BLEDSOE,¹ FEINBERG,¹ SCOUFFAS, BAUER,¹ ERWIN, FAULKNER,¹ WEEKS, CARR,¹ DAVID,¹ JOCHUMS,¹ MURRAY,¹ ROBBINS,¹ WILKINS,⁴ BENSON,¹ JONES,¹ DAHLSTEDT,¹ PATTON,¹ LOWELL, NICHOLAS, BROOKS,¹ BOWMAN, O. R. GOLDMAN, MAGILL, MILLER, ROCKWELL, RUSHING, TORAN,⁴ WALTER, BURKAM, HUSSEY, CHRISTIE, DRAWVER, GAGEN, JANTZEN, WEAKLY, WEAVER, WRIGHT, BYNUM, DRANOFF,³ HOWE,³ HENDERSON.⁵

Cooperating: Professors W. A. OLDFATHER and A. W. ARON, Associate Professor ARTHUR HAMILTON, Assistant Professor P. E. JACOB.

Summer of 1943 but not in current year: D. P. HARDING, DOROTHY I. ANDERSON, J. L. JOHNSON, Mrs. HARRIET R. WYND.

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, 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

¹On leave of absence for war service.

³First semester.

⁵Second semester.

²On leave of absence first semester.

⁴Resigned.

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 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. INTRODUCTION TO LITERATURE.—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 10a in addition to English 20a-20b. Seniors receive only two hours credit. *Prerequisite:* The minimum entrance requirements in English. Professor LARSEN, Associate Professors LANDIS, WEIRICK, and SECORD, Assistant Professors RINAKER, KELSO, and TUPPER, Dr. BUSEY, Dr. HASKELL, Dr. BLOOM, Dr. RAPP, Mr. SCOUFFAS; (S, Assistant Professors TEMPLEMAN and WASSERMAN, Mr. QUINN).
- 10b. INTRODUCTION TO LITERATURE.—Intended primarily for those who expect to do considerable work in literature, in English or in any other language. I and II, (3). Credit is not given for English 10b in addition to English 20a-20b. Seniors receive only two hours credit. *Prerequisite:* English 10a. Professors HILLEBRAND and PARRY, Associate Professors LANDIS, WEIRICK, and SECORD, Assistant Professors TEMPLEMAN, KELSO, TUPPER, and HARRIS, Dr. BUSEY, Dr. MATHEWS, Dr. FRENCH, Dr. RAPP.
12. AMERICAN LITERATURE.—I, (2). *Prerequisite:* Sophomore standing, or exemption from Rhetoric 2. Associate Professor GLENN.
13. AMERICAN LITERATURE.—S and II, (2). *Prerequisite:* Sophomore standing, or exemption from Rhetoric 2. 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. *Prerequisite:* Sophomore standing. Professor GRAHAM (in charge), Associate Professor LANDIS, Assistant Professor TUPPER, Dr. MATHEWS, Dr. FRENCH, Dr. RAPP, Dr. L. H. HOUTCHENS; (S, Assistant Professor WASSERMAN, Dr. KELLEY).
- 20b. CHIEF ENGLISH WRITERS BEFORE 1800.—S, I, and II, (4). Credit is not given for English 20b in addition to English 10a-10b. *Prerequisite:* English 20a. Professor GRAHAM (in charge), Assistant Professor RINAKER, Dr. KELLEY; (S, Assistant Professor JOHNSON, Dr. L. H. HOUTCHENS).
23. INTRODUCTION TO SHAKESPEARE.—S, I, and II, (3). *Prerequisite:* Sophomore standing, or exemption from Rhetoric 2. Professor HILLEBRAND, Associate Professors LANDIS, GLENN, WEIRICK, and SMITH; (S, Associate Professor ROBERTS).
44. CONTEMPORARY POETRY.—S and II, (3). *Prerequisite:* Six hours of English literature, or junior standing. Associate Professor WEIRICK.

Courses for Advanced Undergraduates

Junior standing is prerequisite to all the following courses unless otherwise specified.

[4. ENGLISH POETICS.—II, (2). Not given in 1943-1944.]

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).
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.—Swift, Defoe, Steele, Addison, Dryden, Pope, Gray, Goldsmith, Johnson. I, (3). Associate Professor SECORD.
33. ENGLISH LITERATURE FROM 1789 TO 1837.—S and I, (3). Associate Professor LANDIS; (S, Associate Professor SECORD, Assistant Professor HARRIS).
39. INTRODUCTION TO THE LITERATURE OF THE MIDDLE AGES.—Classical influences; epic, romance, lay, allegory, fabliau, lyric, and other types. I, (3). Professor PARRY.
41. TEACHING OF ENGLISH LITERATURE.—S and II, (2). *Prerequisite:* Nine hours of English literature. Associate Professor GLENN; (S, Professor PAUL).
42. TEACHING OF ENGLISH COMPOSITION.—I, (2). *Prerequisite:* Nine hours of English composition. Associate Professor GLENN.
43. BROWNING.—Intensive reading of the principal poems. II, (3). Professor GRAHAM.
45. DEVELOPMENT OF THE MODERN DRAMA.—Reading and lectures. I, (3). Professor HILLEBRAND.
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). Professor BERNBAUM.
56. TENNYSON AND HIS CONTEMPORARIES.—S and I, (3). Professor GRAHAM; (S, Assistant Professors TEMPLEMAN and HARRIS).
57. GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL.—Goethe, Hugo, Manzoni, Balzac, Dumas, Flaubert, Zola, Turgenyev, Dostoevski, Tolstoi. I, (3). Professor BERNBAUM.
- [58. MOTION PICTURES: THEIR APPRECIATION AND THEIR RELATION TO LITERATURE.—II, (3). Not given in 1943-1944. Professor BERNBAUM.]
- 60a-60b. THESIS AND HONORS.—S, I, and II, (credit to be arranged). *Prerequisite:* Senior standing. Associate Professor SECORD; (S, Associate Professor GLENN); and others.
62. ENGLISH LITERATURE FROM 1588 TO 1660.—The approach to Milton. I, (3). 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.—S and I, (3). *Prerequisite:* Consent of instructor. Professor LARSEN; (S, Associate Professor SMITH).
25. CHAUCER.—II, (3). Associate Professor SMITH.
- [26. SPENSER.—I, (3). Not given in 1943-1944. Associate Professor SMITH.]
- [34. DR. JOHNSON AND HIS CIRCLE.—I, (3). Not given in 1943-1944. Assistant Professor RINAKEK.]
- [35. ENGLISH DRAMA (PREVIOUS TO SHAKESPEARE).—From the beginning to 1600. I, (3). Not given in 1943-1944. Professor BALDWIN.]
- [36. ENGLISH DRAMA (EXCLUSIVE OF SHAKESPEARE).—From 1600 to 1700. II, (3). Not given in 1943-1944. Professor HILLEBRAND.]
38. DEVELOPMENT OF ARTHURIAN ROMANCE.—II, (3 or 4). Professor PARRY.
- 54a. INTRODUCTION TO COMPARATIVE LITERATURE.—Comparative study of the greatest Greek, Latin, Italian, Spanish, French, German, and English authors. 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.—S (55b only), I, and II, (3). *Prerequisite:* Senior standing. Professor PARRY; (S, Assistant Professor WASSERMAN).
63. POETRY OF MILTON.—Origin, forms, artistic and ethical values; Milton's place in English literary history. II, (3). Professor FLETCHER.
- [65a-65b. HISTORY AND PRINCIPLES OF LITERARY CRITICISM.—I and II, (3). *Prerequisite:* Senior standing. Not given in 1943-1944. 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, GRAHAM, FLETCHER, LARSEN, and PARRY, Associate Professors LANDIS, PARRISH, SECORD, GLENN, and SMITH, Assistant Professors RINAKEK and HARRIS.
- [S102a. SURVEY OF ENGLISH LITERATURE.—S, (1 unit). Not given in 1943. Associate Professor HERRICK.]
- S102b. SURVEY OF ENGLISH LITERATURE (FROM THE RESTORATION).—S, (1 unit). Associate Professor SECORD.
- [107. OLD NORSE (OLD ICELANDIC).—II, (1 unit). Not given in 1943-1944. Professor LARSEN.]
108. OLD ENGLISH (ANGLO-SAXON).—I, (1 unit). Professor LARSEN.
109. OLD ENGLISH (ANGLO-SAXON).—Beowulf. II, (1 unit). Professor LARSEN.
- [110. OLD ENGLISH POETRY.—Caedmon and Cynewulf. I, (1 unit). Not given in 1943-1944. Professor LARSEN.]
112. SEMINAR IN CHAUCER.—I, (1 unit). Associate Professor SMITH.
- [125. MIDDLE ENGLISH.—II, (1 unit). Not given in 1943-1944. Professor LARSEN.]
- [128a-128b. LITERATURE OF THE SIXTEENTH CENTURY.—Continuous through I and II, (1 unit). Not given in 1943-1944. Professor BALDWIN.]
- 129a-129b. ENGLISH LITERATURE FROM THE NORMAN CONQUEST TO 1400.—Continuous through I and II, (1 unit). Professor PARRY.
- [130a-130b. TRAGEDY.—Continuous through I and II, (1 unit). Not given in 1943-1944. Professor HILLEBRAND.]
- [135a-135b. PROBLEMS IN AMERICAN LITERATURE.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- S135b. PROBLEMS IN AMERICAN LITERATURE.—Poe and Whitman. S, (1 unit). Professor PAUL.
- [S137. PROSE WRITERS OF THE NINETEENTH CENTURY.—S, (1 unit). Not given in 1943.]
- 138a-138b. THE ROMANTIC MOVEMENT.—S (138b 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 (141b 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). 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 1943-1944. Professor BALDWIN.]
- 149a-149b. DEVELOPMENT OF TUDOR DRAMA.—Continuous through I and II, (1 unit). Professor BALDWIN.
- [151a-151b. STUDIES IN THE HISTORY OF THE EIGHTEENTH CENTURY NOVEL.—Continuous through I and II, (1 unit). Not given in 1943-1944. Associate Professor SECORD.]
- [153. SEMINAR IN RESTORATION DRAMA.—II, (1 unit). Not given in 1943-1944. Professor HILLEBRAND.]
156. ANGLO-LATIN LITERATURE.—II, (1 unit). Professor PARRY.
- [157. SEMINAR IN SPENSER.—I, (1 unit). Not given in 1943-1944.]

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.

9. RHETORIC AND COMPOSITION.—Open to students who fail the placement test for admission to Rhetoric 1. Intensive review of fundamentals, with considerable practice in composition. Students passing this course will be admitted to Rhetoric 1 without further examination. I and II, (no credit). Dr. HUBACH, Mr. LEWIS, Miss LOWELL, Miss MILLER, Miss ROCKWELL, Miss RUSHING, Miss GAGEN.
- 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 KELSO, Dr. BUSEY, Dr. MATHEWS, Dr. BLOOM, Dr. KELLEY, Dr. FRENCH, Dr. RAPP, Dr. L. H. HOUTCHENS, Dr. C. H. HOUTCHENS, Dr. AMES, Dr. HUBACH, Mrs. SWENEY, Mr. OWEN, Mr. CAMP, Miss MORRISON, Mr. QUINN, Miss MCGLOTHLIN, Mr. PORZAK, Mr. LEWIS, Miss LOWELL, Miss NICHOLAS, Miss MILLER, Miss ROCKWELL, Miss RUSHING, Miss HUSSEY, Mr. CHRISTIE, Miss GAGEN; (S, Mr. BROOKS, Mr. WILKINS, Mr. TORAN).
3. EXPOSITION.—S, I, and II, (3). *Prerequisite*: Rhetoric 1 and 2; sophomore standing. Assistant Professors RINAKER and KELSO, Dr. BUSEY, Dr. FRENCH.
4. NARRATION AND DESCRIPTION.—Elements of narrative writing. S, I, and II, (3). *Prerequisite*: Rhetoric 1 and 2; sophomore standing. Dr. BUSEY, Mrs. TRELEASE, Dr. RAPP.
5. RHETORIC AND COMPOSITION.—Required of and restricted to students who receive a grade of "D" in Rhetoric 2. S, I, and II, (3). Mr. MOORE.
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, Mrs. BOWMAN; (S, Associate Professor ANDERSON).

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 and II, (2). Professor SAUNDERS.
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). 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). *Prerequisite:* Rhetoric 2. Associate Professor PARRISH, Assistant Professor WINDESHEIM, Miss HOCHMUTH, Mrs. GOLDMAN, Mrs. GRAHAM; (S, Miss ANDERSON).
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. 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. Mrs. GRAHAM.
10. ORAL INTERPRETATION OF LITERATURE.—Principles of interpretation; analysis and oral reading of prose literature and verse. S, I, and II, (2). *Prerequisite:* Rhetoric 2. Associate Professor PARRISH, Assistant Professor WINDESHEIM, Mrs. GOLDMAN, Mr. ERWIN; (S, Mr. DAVID).

Courses for Advanced Undergraduates

- [4. ADVANCED ARGUMENTATION.—II, (3). *Prerequisite:* Speech 3; junior standing. Not given in 1943-1944.]
6. PERSUASION.—S and I, (3). *Prerequisite:* Speech 1; junior standing. Miss HOCHMUTH; (S, Assistant Professor WINDESHEIM).
- [7. METHODS AND MATERIALS OF PUBLIC DISCUSSION.—II, (3). *Prerequisite:* Speech 3 or 6; junior standing. Not given in 1943-1944. Associate Professor PARRISH.]
8. FUNDAMENTALS OF ACTING.—S, I, and II, (3). *Prerequisite:* Speech 10; junior standing. Assistant Professor SWANSON, Dr. SHATTUCK.
9. ORAL INTERPRETATION OF SHAKESPEARE.—I, (2). *Prerequisite:* Speech 10; junior standing. Assistant Professor NELSON.
11. ELEMENTS OF STAGECRAFT.—Practice in staging and producing of plays. I, (4). *Prerequisite:* Speech 8; junior 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, Assistant Professor WINDESHEIM).
16. PLAY DIRECTING.—S, (2); II, (3). *Prerequisite:* Speech 8. Assistant Professor SWANSON.

Courses for Advanced Undergraduates and Graduates

- 14a. SPEECH CORRECTION.—Causes, symptoms, and treatment of speech disorders, with clinical practice. S and I, (3). *Prerequisite:* Ten hours of speech, or consent of instructor; junior standing. Assistant Professor NELSON.
- 14b. SPEECH CORRECTION.—S and II, (3). *Prerequisite:* Speech 14a. Assistant Professor NELSON.
- CLINICAL PRACTICE 1-2.—Case work in remedial speech. I and II, (1 to 3). *Prerequisite:* Must be taken concurrently with Speech 14a-14b. Assistant Professor NELSON, Dr. HENDERSON, Mrs. HUNTER, Miss WALTER.
17. ADVANCED INTERPRETATION.—Principles of literary criticism applied to oral interpretation. II, (3). *Prerequisite:* Speech 10. Associate Professor PARRISH.
18. PRONUNCIATION.—Methods of voice improvement; the sounds of English studied by means of the International Phonetic Alphabet. S and I, (3). *Prerequisite:* Senior standing. Associate Professor PARRISH.
19. SPEECH SCIENCE.—Principles of physics involved in the production of speech sounds. S and I, (3). *Prerequisite:* Ten hours of speech, or consent of instructor; senior 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; senior 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. S, (2); 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. S, (2); 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.—I, (1 to 2 units). Assistant Professor NELSON.
 [119. SEMINAR IN SPEECH SCIENCE.—Continuous through I and II, (1 to 2 units). Not given in 1943-1944. Assistant Professor WINDESHEIM.]
 121a-121b. THE HISTORY OF RHETORICAL THEORY.—S and I (121a only), (1 unit). 121b not given in 1943-1944. Associate Professor PARRISH.

ENTOMOLOGY

Professors: METCALF (Head of the Department), HAYES.

Associate Professors: BALDUF, KEARNS.

Assistant Professors: MILUM.

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, 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 bene-

- fits; recognition and control. 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.—Lectures, discussions, and laboratory. II, (5). *Prerequisite*: Entomology 9, or equivalent; sophomore standing. Given in alternate years; not given in 1943-1944. 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 1943-1944. 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 1943-1944 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 1943-1944. 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 1943. Professor METCALF.]
31. ESSENTIALS OF BEEKEEPING.—Structure of the honeybee; behavior as a basis for seasonal management. Lectures, laboratory, and general apiary manipulations. 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 1943-1944. 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 1943. Professor METCALF.]
- [S12. ENTOMOLOGY FOR TEACHERS.—S, (3). *Prerequisite*: An elementary course in entomology, zoology, or biology; senior standing. Not given in 1943. 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.—Relations of insects to each other, to plants, to other animals; their environment, social life, food, behavior, reproduction, protection. II, (3). *Prerequisite*: Entomology 1a or 9; senior standing. Given in alternate years. Not given in 1943-1944. 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.

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 1943-1944 and in alternate years. Professor HAYES.

FORESTRY

Professor SPAETH (Head of the Department).

Courses for Undergraduates

- [1. GENERAL FORESTRY.—II, (3). *Prerequisite*: Sophomore standing, or registration in the pre-forestry curriculum. Not given in 1943-1944. Professor SPAETH.]

FRENCH

Professors: JACKSON (Head of the Department), OLIVER (Emeritus),

D. H. CARNAHAN (Emeritus), WILL.

Associate Professors: PECKHAM, GULLETTE.

Assistant Professors: JACOB, CARTER.¹

Associates: COLMAN.

Instructors: SHAW,² VIENS,² BOWEN.

Assistants: ALEXANDER,³ PIETRANGELI, REED, CHAMBERLIN,² STAAKS,² PLAYE, S. E. CARNAHAN, EILERTSEN, RANDELS, BOUTHILLIER.

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.

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. BOWEN, Dr. COLMAN, Mr. ALEXANDER, Miss EILERTSEN, Miss PIETRANGELI, Miss RANDELS.
- 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. BOWEN, Dr. COLMAN, Mr. ALEXANDER, Miss CARNAHAN, Miss PIETRANGELI, Miss RANDELS, 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. Associate Professor GULLETTE, Assistant Professor CARTER, Dr. BOWEN, Dr. COLMAN, Miss PIETRANGELI, Miss RANDELS, 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. Associate Professor GULLETTE, Dr. BOWEN, Dr. COLMAN, Miss PIETRANGELI, Miss RANDELS, Miss REED.
- 3a. INTRODUCTION TO FRENCH LITERATURE.—S and I, (3). *Prerequisite*: French 2b, or four years of high school French. Professor WILL; (S, Assistant Professor JACOB).

¹First semester.

²On leave of absence for war service.

³On leave of absence beginning March 2, 1944.

- 3b. INTRODUCTION TO FRENCH LITERATURE (CONTINUED).—II, (3). *Prerequisite:* French 2b, or four years of high school French. Professor WILL.
- [S4a. GRAMMAR AND SYNTAX.—S, (1). *Prerequisite:* One year of college French, or two years of high school French. Not given in 1943.]
- [S4b. GRAMMAR AND SYNTAX (CONTINUED).—S, (1). *Prerequisite:* French 2a, or three years of high school French. Not given in 1943.]
- 6a. COMPOSITION AND CONVERSATION.—I, (2). *Prerequisite:* French 1b, or two years of high school French. Mrs. PLAYE.
- 6b. COMPOSITION AND CONVERSATION (CONTINUED).—II, (2). *Prerequisite:* French 6a, or three years of high school French. Mrs. PLAYE.
- 7a. INTERMEDIATE COMPOSITION AND CONVERSATION.—Conducted largely in French. S and I, (2). Prospective teachers of French are strongly advised to take French 7a and 7b. *Prerequisite:* French 2b, or 6b, or equivalent. Dr. BOWEN, Mrs. PLAYE; (S, Associate Professor GULLETTE).
- 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. Dr. BOWEN, Mrs. PLAYE.
- 8a. ADVANCED COMPOSITION AND CONVERSATION.—Idiomatic constructions; syntax; themes. Conducted entirely in French. Especially for prospective teachers. I, (2). *Prerequisite:* French 7b, or equivalent. Dr. COLMAN.
- [8b. ADVANCED COMPOSITION AND CONVERSATION (CONTINUED).—Conducted entirely in French. Especially for prospective teachers. II, (2). *Prerequisite:* French 8a. Not given in 1943-1944. Dr. COLMAN.]
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.—S and I, (3). Associate Professor PECKHAM; (S, Professor WILL, Assistant Professor JACOB).
- 10b. SURVEY OF FRENCH LITERATURE (CONTINUED).—II, (3). Associate Professor PECKHAM.
- 17a. MODERN FRENCH DRAMA.—S and I, (2). Professor WILL; (S, Associate Professor GULLETTE).
- 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, Professor WILL).
- 32b. FRENCH NOVEL OF THE NINETEENTH CENTURY (CONTINUED).—II, (3). Assistant Professor JACOB.
- [33a. LA LITTÉRATURE CONTEMPORAINE.—(In French). I, (2). Not given in 1943-1944. Assistant Professor JACOB.]
- [33b. LA LITTÉRATURE CONTEMPORAINE (CONTINUED).—(In French). II, (2). Not given in 1943-1944. Assistant Professor JACOB.]
- [34a. BALZAC AND THE SOCIAL NOVEL.—I, (3). Not given in 1943-1944. Professor JACKSON.]
- [34b. BALZAC AND THE SOCIAL NOVEL (CONTINUED).—II, (3). Not given in 1943-1944. Professor JACKSON.]
- 35a. CIVILISATION FRANÇAISE.—(In French). I, (2). Assistant Professor JACOB.
- 35b. CIVILISATION FRANÇAISE (CONTINUED).—(In French). II, (2). 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). Associate Professor PECKHAM.
- 102a-102b. VILLON, RABELAIS, MONTAIGNE, LA PLÉIADE.—Continuous through I and II, (1 unit). Professor WILL.
- [103a-103b. SEVENTEENTH CENTURY LITERATURE.—Continuous through I and II, (1 unit). Not given in 1943-1944. Professor JACKSON.]
- [104a-104b. EIGHTEENTH CENTURY LITERATURE.—Continuous through I and II, (1 unit). Not given in 1943-1944. Associate Professor PECKHAM.]
- [S105. CLASSIC FRENCH DRAMA.—S, ($\frac{3}{4}$ to 1 unit). Not given in 1943. Assistant Professor JACOB.]
- [127a-127b. NINETEENTH CENTURY LITERATURE TO 1850.—Continuous through I and II, (1 unit). Not given in 1943-1944. Professor JACKSON.]
- [128a-128b. ORIGIN AND DEVELOPMENT OF NOVEL IN FRANCE.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [129a-129b. RESEARCH PROBLEMS IN FRENCH ROMANTICISM.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [132a-132b. LE SYMBOLISME FRANÇAIS.—(In French). Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [133a-133b. VICTOR HUGO, HIS INFLUENCE AND HIS CRITICS.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [S135. MODERN FRENCH NOVEL.—S, ($\frac{3}{4}$ to 1 unit). Not given in 1943. Associate Professor PECKHAM.]
- 144a-144b. FRENCH REALISM AND NATURALISM.—Continuous through I and II, (1 unit). Professor JACKSON.
- [145a-145b. LA LITTÉRATURE CONTEMPORAINE.—(In French). Continuous through I and II, (1 unit). Not given in 1943-1944. Assistant Professor JACOB.]
- [175a-175b. OLD FRENCH PHONOLOGY AND MORPHOLOGY.—Continuous through I and II, (1 unit). Not given in 1943-1944. 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.

Associates: CROSSMAN, LENDRUM, PIERCE.

Instructors: LARSON,¹ PEARSON,¹ STARR, HANSON,¹ ZILLY.

Courses for Undergraduates

- 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.
- 1a-1b. ENGINEERING DRAWING.—Limited to women with Pratt & Whitney scholarships. S and I, (2). *Prerequisite:* Plane geometry.
- 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.

¹On leave of absence for war service.

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 and II, (3). *Prerequisite:* Plane geometry. Assistant Professors JORGENSEN and 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, Mr. LENDRUM.
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, Mr. LENDRUM.
- [10. **PICTORIAL DRAWING.**—I, (3 or 4). *Prerequisite:* General Engineering Drawing 2. Not given in 1943-1944. Mr. LENDRUM.]
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. Professors HOELSCHER and SPRINGER, Assistant Professor HALL, Mr. PIERCE.

GEOLOGY AND GEOGRAPHY

Professors: DEWOLF (Head of the Department), SAVAGE (Emeritus), QUIRKE, BLANCHARD, SHEPARD.¹

Associate Professors: SUTTON,² WANLESS.

Assistant Professors: PAGE, SCOTT, SHARP,¹ GARLAND.

Associates: CHAPMAN.¹

Lecturers: PRICE.

Instructors: BOOTH,¹ CUTSHALL.

Assistants: JOHNSON.

Summer of 1943 but not in current year: Assistant Professor J. H. BURG.

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

¹On leave of absence for war service.

²On leave of absence for the year.

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 Professor WANLESS, Assistant Professor SCOTT, Miss JOHNSON.
- 1a. GENERAL GEOLOGY LABORATORY.—I and II, (2). *Prerequisite:* Geology 1, or concurrent registration therein, or Division of General Studies 4a-4b. Professor DEWOLF, Associate Professor WANLESS, Miss JOHNSON.
- 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. Assistant 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 1943-1944.]
17. PHYSIOGRAPHIC GEOLOGY.—S and II, (3). *Prerequisite:* Geology 1, or Geography 1 or 1a. Assistant Professor SCOTT.
20. GENERAL MINERALOGY.—Crystallography; minerals of economic and scientific importance; blow-pipe analysis. Quiz and laboratory. S, I, and II, (3). *Prerequisite:* One semester of chemistry, or Division of General Studies 4a-4b. Professor QUIRKE.
43. ENGINEERING GEOLOGY.—Lectures, quiz, and laboratory. S, I, and II, (3). *Prerequisite:* Sophomore standing in the College of Engineering. Professor QUIRKE.
- [44. AGRICULTURAL GEOLOGY.—Lectures, quiz, laboratory, and one field trip. I and II, (3). *Prerequisite:* Sophomore standing in the College of Agriculture. Not given in 1943-1944.]

Courses for Advanced Undergraduates and Graduates

- [6. OPTICAL MINERALOGY.—Designed for students in geology, ceramics, agriculture, chemistry, or physics. Lectures and laboratory. I, (3). *Prerequisite:* Geology 20; junior standing. Not given in 1943-1944. Professor QUIRKE.]
- [7. PETROLOGY.—II, (4). *Prerequisite:* Geology 6. Not given in 1943-1944. Professor QUIRKE.]
9. INVERTEBRATE PALEONTOLOGY.—Fossil groups in biological sequence. Lectures and laboratory. I, (3). *Prerequisite:* Geology 2a; junior standing. Assistant Professor SCOTT.
- [15. STRUCTURAL GEOLOGY.—II, (3). *Prerequisite:* Geology 2a; junior standing. Not given in 1943-1944.]
16. STRATIGRAPHY.—Fossil faunas, with special reference to Paleozoic invertebrates, correlation, and stratigraphy. II, (3). *Prerequisite:* Geology 9. Assistant 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 1943-1944. 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 1943-1944. 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 1943-1944. Professor DEWOLF.]
95. ECONOMIC GEOLOGY (NON-METALLIC).—Nature, occurrence, origin, and uses of coal, oil, and other non-metallic deposits. Lectures, quiz, and one two-day field trip; estimated expense, \$9. I, (3). *Prerequisite:* Geology 2a or 43, and 20. Given in 1943-1944 and in alternate years. Professor DEWOLF.
- [96. ECONOMIC GEOLOGY (METALLIC).—II, (3). *Prerequisite:* Geology 2a or 43, and 20. Given in alternate years; not given in 1943-1944. 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 1943-1944. Professor QUIRKE.]
- [102. PETROGRAPHY.—I and II, (1 unit). Given in alternate years; not given in 1943-1944. Professor QUIRKE.]
- [123. GEOLOGY OF THE OCEAN.—I, (1 unit). Given in alternate years; not given in 1943-1944. Professor SHEPARD.]
125. SEDIMENTATION.—Environments and processes of sedimentation; structures and textures of sediments. Two week-end field trips. I, (1 unit). Associate Professor WANLESS.
126. SEDIMENTARY PETROLOGY.—Description of sedimentary rocks and cuttings; sampling rocks for analysis; various methods of analysis of sedimentary rocks and interpretation of results. Two or three times a week; one or two field trips. II, (1 unit). Associate Professor WANLESS.
134. ADVANCED STUDIES IN GEOLOGY.—Supervised individual study in the metamorphism, pre-Cambrian geology, ore deposition, and other subjects. S, I, and II, ($\frac{1}{2}$ to 2 units). Members of the department.
135. RESEARCH.—Individual work under supervision of members of the staff in their respective fields. S and II, ($\frac{1}{2}$ to 4 units).
- [141. ADVANCED PALEONTOLOGY.—II, (1 unit). Not given in 1943-1944. Associate Professor SUTTON.]
- [142. STRATIGRAPHIC GEOLOGY: PALEOZOIC.—I, (1 unit). Not given in 1943-1944. Associate Professor SUTTON.]
- [143. STRATIGRAPHIC GEOLOGY: MESOZOIC AND CENOZOIC.—II, (1 unit). Not given in 1943-1944. Associate Professor SUTTON.]
- [145. MICROPALAEONTOLOGY.—I and II, (1 unit). Not given in 1943-1944. Assistant Professor SCOTT.]
- [151. ADVANCED DYNAMIC GEOLOGY.—II, (1 unit). Given in alternate years; not given in 1943-1944. Professor SHEPARD.]
- [152. ADVANCED HISTORICAL GEOLOGY.—II, (1 unit). Given in alternate years; not given in 1943-1944. Associate Professor SUTTON.]
- [160. PETROLEUM GEOLOGY.—Continuous through I and II, (1 unit). Given in alternate years; not given in 1943-1944. 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. Assistant Professors PAGE and GARLAND, Dr. CUTSHALL.
- [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 1943-1944. 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. 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 1943-1944. Dr. CUTSHALL.]
3. WORLD REGIONAL GEOGRAPHY.—Physical and human geography of major world realms. Lectures and discussions. Open to all students who have no previous credit in college geography. Elective course for students in enlisted reserves. S, (2½). Assistant Professor BURG.
- [7. FIELD GEOGRAPHY.—II, (2). *Prerequisite:* Geography 1 or 1a. Not given in 1943-1944. 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.—Lecture and quiz. S, I, and II, (3). *Prerequisite:* Sophomore standing, or consent of instructor. Elective course for students in enlisted reserves. 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. S, (2½). *Prerequisite:* Geography 1, 1a, or 3, or consent of instructor. Assistant Professor BURG.
18. INTERPRETATION OF MAPS AND AERIAL PHOTOGRAPHS.—Nature and use of regional and topographic maps, hydrographic and pilot charts, and aerial photographs. Elective course for students in enlisted reserves. Students in civil engineering will receive no credit for this course. Lectures and discussions. S and I, (3). Associate Professor WANLESS.

Courses for Advanced Undergraduates

- [4a. GEOGRAPHY OF EASTERN NORTH AMERICA.—I, (3). *Prerequisite:* Junior standing; eight hours of geography. Given in alternate years; not given in 1943-1944.]
- [4b. GEOGRAPHY OF WESTERN NORTH AMERICA.—I, (3). *Prerequisite:* Junior standing; eight hours of geography. Given in alternate years; not given in 1943-1944.]
- [4c. GEOGRAPHY OF CARIBBEAN AMERICA.—I, (3). *Prerequisite:* Junior standing; eight hours of geography. Given in alternate years; not given in 1943-1944. Assistant Professor PAGE.]
- [5. GEOGRAPHY OF SOUTH AMERICA.—II, (2½). *Prerequisite:* Junior standing; eight hours of geography. Not given in 1943-1944.]
- [17. GEOGRAPHY OF TRADE TERRITORIES.—II, (3). *Prerequisite:* Two courses in geography; junior standing. Not given in 1943-1944.]

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. S, (2½); I, (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 1943-1944.]
- [11. GEOGRAPHY OF ASIA.—Regional study. S, (2½). *Prerequisite*: Junior standing; eight hours of geography. Given in alternate years; not given in 1943-1944. Dr. BOOTH.]
- [14a. CLIMATES OF THE CONTINENTS.—Regional treatment. I, (3). *Prerequisite*: Geography 1 or 1a, and 14. Given in alternate years; not given in 1943-1944. Assistant Professor PAGE.]
53. PRODUCTION OF THE GREAT WORLD STAPLES.—II, (3). *Prerequisite*: Geography 2 or 2a; one regional course; junior standing. Given in 1943-1944 and in alternate years. Professor BLANCHARD.
- [54. ADVANCED COMMERCIAL GEOGRAPHY.—II, (3). *Prerequisite*: Geography 2 or 2a; one regional course; junior standing. Given in alternate years; not given in 1943-1944. 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.—S and II, (½ to 4 units). Professor BLANCHARD, Assistant Professor PAGE.

GERMAN

Professors: ARON (Head of the Department), BROOKS (Emeritus), WILLIAMS.

Associate Professors: GEISSENDOERFER.

Assistant Professors: BLAISDELL (Emerita), JEHLE, PENZL.¹

Associates: FREY, GIESECKE.¹

Instructors: STEGEMEIER.

Assistants: GOESSLING,¹ KISTLER, HOSAEUS,² ZUCKER.

Fellows: ODOR.

Summer of 1943 but not in current year: WILLIAM EICKHORST.

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

- 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. Professor ARON, Associate Professor GEISSENDOERFER, Assistant Professors JEHLE and PENZL, Dr. FREY, Dr. STEGEMEIER, Mr. KISTLER, Miss ZUCKER, Miss ODOR; (S, Mr. EICKHORST).
- ELEMENTARY COURSE (CONTINUED).—Grammar and reading. S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite*: German 1, or one year of

¹On leave of absence for war service.

²Resigned.

- high school German, or equivalent. Professor WILLIAMS, Associate Professor GEISSENDOERFER, Assistant Professors JEHLE and PENZL, Dr. FREY, Mr. KISTLER, Miss ZUCKER; (S, Mr. EICKHORST).
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 Professors JEHLE and PENZL, Dr. STEGEMEIER, Miss ODOR, Miss ZUCKER; (S, Professor ARON).
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. Associate Professor GEISSENDOERFER, Assistant Professors JEHLE and PENZL, Dr. FREY, Miss ZUCKER.
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. Professor ARON, Dr. FREY.
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.—I, (2). *Prerequisite:* German 5, or equivalent. Dr. FREY.
- [16b. CONVERSATION AND WRITING.—II, (2). *Prerequisite:* German 16a, or equivalent, or consent of instructor. Not given in 1943-1944. Dr. FREY.]
- [24a. NINETEENTH CENTURY DRAMA.—I, (2). *Prerequisite:* German 5, or equivalent. Not given in 1943-1944. Assistant Professor JEHLE.]
- [24b. NINETEENTH CENTURY DRAMA.—II, (2). *Prerequisite:* German 24a, or equivalent. Not given in 1943-1944. Assistant Professor JEHLE.]
- [25. TEACHERS' COURSE.—I, (2). *Prerequisite:* Three years of college German, or equivalent. Not given in 1943-1944. Assistant Professor JEHLE.]
- 28a. LYRICS AND BALLADS.—I, (2). *Prerequisite:* German 5, or equivalent; sophomore standing. Professor WILLIAMS.
- [28b. LYRICS AND BALLADS.—II, (2). *Prerequisite:* German 28a, or equivalent. Not given in 1943-1944. Professor WILLIAMS.]
- 29a. ADVANCED CONVERSATION AND WRITING.—II, (2). *Prerequisite:* German 16a, or equivalent. Dr. FREY.
- [29b. ADVANCED CONVERSATION AND WRITING.—II, (2). *Prerequisite:* German 29a, or equivalent. Not given in 1943-1944. Dr. 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. 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. Not given in 1943-1944. Professor WILLIAMS.]

32. HISTORY OF GERMAN CIVILIZATION.—S, (2 or 3). *Prerequisite:* Three years of college German, or equivalent, or consent of instructor. Professor ARON.
- [39b. GOETHE AND SCHILLER.—S, (2 or 3). *Prerequisite:* Three years of college German, or equivalent, or consent of instructor. Not given in 1943-1944. 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 THE GERMAN LYRIC.—S, ($\frac{1}{2}$ to 1 unit). Not given in 1943. Professor ARON.]
101. SEMINAR IN THE MODERN GERMAN NOVEL.—I and II, (1 unit). Professor ARON.
102. THESIS.—S, I, and II, ($\frac{1}{2}$ to 4 units). Professors ARON and WILLIAMS, Associate Professor GEISSENDOERFER, Assistant Professor JEHL.
- [104. GOTHIC.—I, (1 unit). Not given in 1943-1944.]
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). Professor WILLIAMS.
- [117. GERMAN LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.—I, (1 unit). Not given in 1943-1944. Professor ARON.]
- [121. WALTHER VON DER VOGELWEIDE.—II, (1 unit). Not given in 1943-1944. Professor WILLIAMS.]
- [121a. THE NIBELUNGENLIED.—II, (1 unit). Not given in 1943-1944. Professor WILLIAMS.]
- [125. HISTORY OF THE GERMAN LANGUAGE.—II, (1 unit). Not given in 1943-1944.]
- [127. GERMAN ROMANTICISM.—II, (1 unit). Not given in 1943-1944. Associate Professor GEISSENDOERFER.]

HISTORY

Professors: PEASE (Head of the Department), ROBERTSON (Emeritus),¹

LYBYER, DIETZ, JONES, RANDALL, SWAIN, RODKEY,² SHANNON.

Associate Professors: WERNER, STEARNS.

Assistant Professors: DUNBAR, ERICKSON,² NOWELL.³

Associates: SHAY, BONE,² ODEGAARD.²

Instructors: KING, SIRICH, STARR,² BELTING, CORLETT.

Assistants: BUNCH, WELTIN, BARDOLPH, CASBERG,³ ROBERTS.³

Research Assistants: PAAPE, DONALD.

Cooperating: Professor W. A. OLDFATHER.

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.

¹Recalled for active service part time.

²On leave of absence for war service.

³First semester.

Courses for Undergraduates

NOTE:—Division of General Studies 2a and 2b (History of Civilization) 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, Dr. SHAY, Dr. KING, Miss BUNCH.
- 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. Professor JONES, Associate Professor STEARNS, Dr. SHAY, Dr. KING, Miss BUNCH; (S, Dr. BELTING).
- 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, Dr. 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, Dr. SHAY, Dr. BELTING, Miss BUNCH.
- 3a. HISTORY OF THE UNITED STATES TO 1828.—Colonial foundations, the movement for independence, early years of the Republic. I, (3). *Prerequisite:* Sophomore standing. Professor SHANNON, Associate Professor WERNER, Assistant Professor DUNBAR, Dr. BELTING, Miss BUNCH.
- 3b. HISTORY OF THE UNITED STATES, 1828-1944.—A century of national life and organization. S and II, (3). *Prerequisite:* Sophomore standing. Professor SHANNON, Associate Professor WERNER, Assistant Professor DUNBAR, Dr. BELTING.
- 5a. THE ANCIENT WORLD.—Ancient empires and Greece. I, (3). *Prerequisite:* Sophomore standing. Professor SWAIN, Mr. WELTIN.
- 5b. THE ANCIENT WORLD.—Rome. II, (3). *Prerequisite:* Sophomore standing. Professor SWAIN, Mr. WELTIN.
14. AMERICAN COLONIES IN THE SEVENTEENTH CENTURY.—I, (3). *Prerequisite:* Junior standing. Associate Professor WERNER.
18. TEACHING OF HISTORY.—II, (2). *Prerequisite:* One year of college history; senior standing. Associate Professor WERNER.
- [24. HISTORY OF ILLINOIS, 1809-1942.—Political and economic evolution of a mid-western state. I, (2). *Prerequisite:* One year of college history; junior standing. Not given in 1943-1944. Professor PEASE.]
- [30a. HISTORY OF THE NEAR EAST: THE MEDIEVAL PERIOD.—I, (2). *Prerequisite:* One year of college history. Not given in 1943-1944. Professor LYBYER.]
- [30b. HISTORY OF THE NEAR EAST: THE MODERN PERIOD.—II, (2). *Prerequisite:* One year of college history. Not given in 1943-1944. Professor LYBYER.]
- 31a. HISTORY OF MODERN ITALY, 1700-1831.—I, (2). *Prerequisite:* One year of college history; junior standing. Dr. SHAY.
- 31b. HISTORY OF MODERN ITALY, 1831-1944.—S and II, (2). *Prerequisite:* One year of college history; junior standing. Dr. SHAY.
- [33a. TSARIST RUSSIA: ITS BACKGROUND, INSTITUTIONS, AND PROBLEMS (TO 1825).—I, (3). *Prerequisite:* One year of college history; junior standing. Not given in 1943-1944. Professor RODKEY.]
- [33b. MODERN RUSSIA AND ITS PROBLEMS, 1825-1943.—II, (3). *Prerequisite:* One year of college history; junior standing. Not given in 1943-1944. Professor RODKEY.]
- [35. HISTORY OF CIVILIZATION AMONG THE WESTERN SLAVS.—II, (2). *Prerequisite:* One year of college history. Not given in 1943-1944. 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 1943-1944. 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 1943-1944. Assistant Professor ERICKSON.]
- [51a. HEBREW HISTORY.—Origins to 586 B.C. I, (2). *Prerequisite:* Junior standing. Not given in 1943-1944. Professor SWAIN.]
- [51b. HEBREW HISTORY.—Post-exilic and New Testament times. II, (2). *Prerequisite:* Junior standing. Not given in 1943-1944. Professor SWAIN.]

- [63. HISTORY OF LAND WARFARE.—I, (2). *Prerequisite*: One year of college history; junior standing. Not given in 1943-1944. Assistant Professor NOWELL.]
- [64. HISTORY OF NAVAL WARFARE.—II, (2). *Prerequisite*: One year of college history; junior standing. Not given in 1943-1944. 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.
- 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.

Courses for Advanced Undergraduates and Graduates

Note:—Junior standing is prerequisite to all the following courses.

- [S15. REPRESENTATIVE MEN AND WOMEN IN AMERICAN HISTORY, 1787-1850.—S, (2). *Prerequisite*: History 3a or consent of instructor. Not given in 1943. Dr. KING.]
- 16a. FOUNDATIONS OF AMERICAN SOCIETY: THE COLONIES IN THE EIGHTEENTH CENTURY (TO 1763).—I, (3). *Prerequisite*: One year of college history. 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. Assistant Professor DUNBAR.
- 17a. SOCIAL AND ECONOMIC FORCES IN THE UNITED STATES IN THE NINETEENTH CENTURY (TO 1860).—I, (3). *Prerequisite*: History 3b. Professor SHANNON.
- 17b. SOCIAL AND ECONOMIC FORCES IN THE UNITED STATES SINCE 1860.—II, (3). *Prerequisite*: History 3b. Professor SHANNON.
19. HISTORY OF AMERICAN IMMIGRATION, COLONIAL AND NATIONAL PERIODS.—II, (2). *Prerequisite*: One year of college history. Associate Professor WERNER.
20. THE SOUTH, OLD AND NEW.—I, (3). *Prerequisite*: One year of college history. Professor RANDALL.
21. HISTORY OF THE UNITED STATES SINCE 1877.—S and II, (3). *Prerequisite*: History 3b. Professor RANDALL; (S, Professor SHANNON, Associate Professor WERNER).
- 22a. HISTORY OF THE WEST, 1634-1774.—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. 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 1943-1944.]
- 32a. EUROPEAN HISTORY, 1870-1918.—I, (3). *Prerequisite*: One year of college history, political science, or economics. Professor LYBYER.
- 32b. EUROPEAN HISTORY, 1918-1944.—S, (2½); II, (3). *Prerequisite*: One year of college history, political science, or economics. Professor LYBYER.
- 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. S and II, (3). *Prerequisite*: One year of college history. Associate Professor STEARNS; (S, Associate Professor WERNER).

- [36a. DEVELOPMENT OF MODERN GERMANY TO 1815.—I, (3). *Prerequisite*: One year of college history. Not given in 1943-1944. Professor RODKEY.]
- [36b. DEVELOPMENT OF MODERN GERMANY, 1815-1943.—II, (3). *Prerequisite*: One year of college history. Not given in 1943-1944. Professor RODKEY.]
- [37a. EASTERN ASIA TO 1839.—I, (2). *Prerequisite*: One year of college history. Not given in 1943-1944. Professor LYBYER.]
- 37b. EASTERN ASIA, 1834-1944.—II, (2). *Prerequisite*: One year of college history. Professor LYBYER.
- [38a. DEVELOPMENT OF THE FRENCH MONARCHY.—I, (3). *Prerequisite*: One year of college history. Not given in 1943-1944. Professor JONES.]
- [38b. DEVELOPMENT OF THE FRENCH MONARCHY.—II, (3). *Prerequisite*: One year of college history. Not given in 1943-1944. 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 1943-1944.]
- [42. MEDIEVAL CIVILIZATION, RELIGIOUS AND INTELLECTUAL.—II, (3). *Prerequisite*: One year of college history. Not given in 1943-1944.]
- [S43. MID-VICTORIAN ENGLAND, 1832-1884.—S, (2½). *Prerequisite*: One year of college history. Not given in 1943.]
- 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. Professor DIETZ.
- 46b. SOCIAL AND ECONOMIC HISTORY OF ENGLAND SINCE 1848.—II, (3). *Prerequisite*: One year of college history. 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 1943-1944. 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 1943-1944. Professor DIETZ.]
- S48. GREAT BRITAIN IN THE TWENTIETH CENTURY.—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 1943. Professor SWAIN.]
- [55. HISTORY OF THE ANCIENT GREEK STATES.—Same as Greek 55. I, (3). *Prerequisite*: One year of college history. Not given in 1943-1944. 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. Professor SWAIN.
- 57b. ANCIENT IMPERIALISM: THE ROMAN EMPIRE.—II, (3). *Prerequisite*: One year of college history. 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 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 1943-1944. Professor RANDALL.]
- 101b. SEMINAR IN AMERICAN HISTORY.—II, (1 unit). Professor RANDALL.
- 102a. SEMINAR IN ENGLISH HISTORY: THE REIGN OF HENRY VIII, 1509-1520.—I, (1 unit). Professor DIETZ.
- 102b. SEMINAR IN ENGLISH HISTORY: THE END OF ELIZABETH'S REIGN, 1590-1603.—II, (1 unit). Professor DIETZ.
- S102b. GREAT BRITAIN IN TWO WARS (FIRST AND SECOND WORLD WARS).—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. SEMINAR IN MODERN HISTORY: PROBLEMS OF WAR AND PEACE, 1914-1929.—I, (1 unit). Professor LYBYER.
- 104b. SEMINAR IN MODERN HISTORY: THE NEAR EAST, POLITICAL AND ECONOMIC PROBLEMS.—II, (1 unit). Professor LYBYER.
- S104. RECENT ASIATIC HISTORY.—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 DUNBAR, Dr. SHAY, Dr. BELTING.
- [106a. SEMINAR IN MEDIEVAL HISTORY.—I, (1 unit). Not given in 1943-1944.]
- [106b. SEMINAR IN MEDIEVAL HISTORY.—II, (1 unit). Not given in 1943-1944.]
- 117a. SOCIAL HISTORY OF THE UNITED STATES SINCE 1865.—I, (1 unit). Professor SHANNON.
- 117b. SOCIAL HISTORY OF THE UNITED STATES: STUDIES IN THE SOCIAL AFTERMATH OF THE WORLD WAR.—S and II, (1 unit). Professor SHANNON.
- 122a. THE WESTWARD MOVEMENT, 1740-1755.—I, (1 unit). Professor PEASE.
- [122b. THE WESTWARD MOVEMENT, 1755-1761.—I, (1 unit). Not given in 1943-1944. Professor PEASE.]
- [122c. THE WESTWARD MOVEMENT, 1761-1765.—I, (1 unit). Not given in 1943-1944. Professor PEASE.]
- [122d. THE WESTWARD MOVEMENT, 1765-1778.—I, (1 unit). Not given in 1943-1944. Professor PEASE.]
- [126. SPAIN IN EUROPE AND AMERICA, 1750-1870.—I, (1 unit). Not given in 1943-1944.]
- [127. LATIN-AMERICAN RELATIONS.—II, (1 unit). Not given in 1943-1944.]

- [133a. STUDIES IN THE HISTORY OF EUROPE IN THE NINETEENTH CENTURY, 1815-1848.—I, (1 unit). Not given in 1943-1944. Professor RODKEY.]
- [133b. STUDIES IN THE HISTORY OF EUROPE IN THE NINETEENTH CENTURY, 1848-1878.—II, (1 unit). Not given in 1943-1944. Professor RODKEY.]
- [S134. STUDIES IN THE ENLIGHTENMENT, 1660-1789.—S, (1 unit). Not given in 1943. Associate Professor STEARNS.]
- 138a. HISTORY OF FRANCE, 1515-1547.—I, (1 unit). Professor JONES.
- 138b. HISTORY OF FRANCE DURING THE RENAISSANCE.—II, (1 unit). Professor JONES.
- [S143. SEMINAR IN ENGLISH HISTORY.—S, (1 unit). Not given in 1943.]
- 150a. SEMINAR IN ANCIENT HISTORY.—I, (1 unit). Professor SWAIN.
- 150b. SEMINAR IN ANCIENT HISTORY.—II, (1 unit). Professor SWAIN.

HOME ECONOMICS

Professors: BANE (Head of the Department), BURNS, KINSMAN, PERKINS.

Associate Professors: SIMPSON.

Assistant Professors: BARTO, BROOKS, SMITH, WEAVER, WHITLOCK, KING.

Associates: LAMKIN, VAN DUYN, ESSELBAUGH, FITZSIMMONS, BROCKWAY, CHAPIN, GOODYEAR.

Instructors: DOSTER, ZWOLANEK, FAULKNER, YOST.

Assistants: MUTTI, DEWEESE, STOVALL, PALMER, POWERS, ZAHORSKY,¹ FRANTZ.¹

Cooperating: Professor D. G. CARTER, Miss ANNA B. ROBINSON, Miss FLORENCE C. BODENBACH.

Summer of 1943 but not in current year: Dr. ESTHER MCGINNIS, Miss DOROTHEA C. SIEBERT.

For Students in the College of Agriculture:

See General Curriculum in Home Economics (page 176).

For Students in the College of Education:

See Curriculum in Home Economics Education (page 180).

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 176. (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 and I, (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.

¹Second semester.

- 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. II, (3). Assistant Professor WHITLOCK.
- 52b. DECORATIVE PROCESSES.—Designing and construction of articles requiring knitting, crocheting, braiding, tatting, decorative stitches, applique, or other decorative processes. For students in occupational therapy only. 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 1943-1944. 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 and 1b, or equivalent. 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. Associate Professor SIMPSON, Assistant Professor BARTO, Miss CHAPIN.
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; (S, Miss SIEBERT).
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 1943-1944. 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; (S, Assistant Professor KING).
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 1943-1944.]
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. S, 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. S, I, and II, (2). *Prerequisite:* Home Economics 7; Art 1a and 1b. Miss BROCKWAY; (S, Miss ZWOLANEK).
- [23e. TRAINING HOME ECONOMISTS FOR WORK IN COMMUNITY PROGRAMS FOR THE PRESENT EMERGENCY.—*Prerequisite or concurrent:* Home Economics 5. Not given in 1943-1944. 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. 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. 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, Assistant Professor KING, Miss ZWOLANEK).
40. HOME CARE OF THE SICK.—Lectures and demonstrations. II, (1). *Prerequisite:* Junior standing in home economics. Assistant Professor BROOKS.
- [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 1943-1944. 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. S, 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, Miss DOSTER, Mrs. YOST, Mrs. PALMER.
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. S, I, and II, (3). *Prerequisite:* Economics 1 or 2; senior standing. *Prerequisite or concurrent:* Home Economics 46. Assistant Professor SMITH.
- [50. COSTUME DESIGN.—II, (3). *Prerequisite:* Home Economics 19 and 42. Not given in 1943-1944.]
51. TEXTILES.—Textiles from the economic, artistic, physical, and chemical viewpoints. II, (3). *Prerequisite:* Chemistry 5; Economics 2; Home Economics 7; junior standing. Assistant Professor KING.
56. THE CHILD AND HIS DEVELOPMENT.—Interrelationships in the home and in the community. Readings and discussions. S, I, and II, (3). *Prerequisite:* Sophomore standing. *Prerequisite or concurrent:* Psychology 1 or Sociology 1. Professor PERKINS, Mrs. MUTTI; (S, Dr. MCGINNIS).
- 56b. LABORATORY IN CHILD DEVELOPMENT.—Can only be taken concurrently with Home Economics 56. I and II, (2). Professor PERKINS, Mrs. MUTTI, Miss DEWEESE.
58. FOODS.—Composition and behavior of foods; principles of food preparation. S, I, and II, (3). *Prerequisite:* Chemistry 32 or 33; Home Economics 4. Miss CHAPIN, Mrs. FAULKNER; (S, Miss SIEBERT).

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; (S, Miss CHAPIN, Miss SIEBERT).
66. ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN.—Emphasis is placed on the functions and relation of routines in personality development. Desirable rather than undesirable guidance procedures by adult members of the family are discussed. The case method is used. Open only to students with a major in home economics. II, (3). *Prerequisite:* Home Economics 56 and 56b; junior standing. 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. I, (2). *Prerequisite:* Home Economics 5; senior standing. Professor KINSMAN.
- [S24. FARM HOME PLANNING IN RELATION TO FUNCTION.—S, (2). *Prerequisite:* Home Economics 10; junior standing. Not given in 1943.]
- [28. ORGANIZATION AND MANAGEMENT OF THE HOME.—II, (2). *Prerequisite:* Home Economics 10; consent of instructor. Not given in 1943-1944. 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.—S, I, and 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 standing. *Prerequisite or concurrent:* One of the following—Chemistry 50, Home Economics 20, 33, 35, 41, 63. Professor KINSMAN, Associate Professor SIMPSON, Assistant Professor BARTO, Dr. VAN DUYN, Dr. ESSELBAUGH.
41. PROBLEMS IN NUTRITION.—Discussions and investigations. I and II, (3 to 5). *Prerequisite:* Chemistry 50; Physiology 1a; Home Economics 5; senior standing. Professor KINSMAN, 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 47; consent of instructor. Assistant Professor SMITH, Mrs. YOST.
- 48e. PROBLEMS IN EMERGENCY FEEDING.—To train teachers for the Red Cross and Office of Civilian Defense emergency feeding program. II, (1). *Prerequisite or concurrent:* Home Economics 48; consent of instructor. Assistant Professor SMITH.
- 57a-57b. PROBLEMS IN HOME MANAGEMENT.—Individual investigation and report of specific problems in the fields listed below. 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. Professor KINSMAN.
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; home experience in foods. 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 176, 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; (S, Dr. MCGINNIS).
102. RESEARCH.—S, I, and II, ($\frac{1}{2}$ to 3 units). Work may be taken in the following:
 (a) NUTRITION.—Professor KINSMAN.
 (b) FOODS.—Professor KINSMAN.
 (c) HOUSEHOLD MANAGEMENT.—Professor PERKINS.
103. SEMINAR IN NUTRITION.—I and II, ($\frac{1}{2}$ unit). Professor KINSMAN.
105. SEMINAR IN FOODS.—S and II, ($\frac{1}{2}$ unit). Associate Professor SIMPSON.
106. SEMINAR IN HOUSEHOLD MANAGEMENT.—S and II, ($\frac{1}{2}$ to 1 unit). Professor PERKINS; (S, Professor BANE).
107. PROBLEMS IN HUMAN NUTRITION.—II, (1 unit). 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, THORNBERRY,¹ WINGERT,¹ WEAVER.

Assistants: STENSTROM,¹ BERESFORD,¹ BROWN.

Courses for Undergraduates

- 1a-1b. INTRODUCTORY POMOLOGY, ORNAMENTAL GARDENING, AND VEGETABLE CROPS.—Fruit growing, vegetable growing, and ornamental planting. Discussions and laboratory. I and II, (2). No credit allowed to juniors and seniors. Professor COLBY, Assistant Professor WEAVER.
2. SMALL FRUIT CULTURE.—Grape, blackberry, raspberry, dewberry, currant, gooseberry, and strawberry. Recitations, reference work, and laboratory. S and II, (3). *Prerequisite*: Sophomore standing. Professor COLBY.
- [3. COMMERCIAL VEGETABLE PRODUCTION.—II, (3). *Prerequisite*: Horticulture 1a and 1b, or junior standing. Not given in 1943-1944. Assistant Professor WEAVER.]
- [4. PLANT HOUSES.—II, (3). Not given in 1943-1944. Professor DORNER.]
- [5. PLANT PROPAGATION.—I, (3). Not given in 1943-1944. Professor DORNER.]

¹On leave of absence for war service.

- [7. SPRAYING.—II, (3). *Prerequisite:* Horticulture 1a and 1b; Chemistry 1 or 2; junior standing. Not given in 1943-1944. Professor RUTH.]
- [8. ORCHARDING.—I, (5). *Prerequisite:* Horticulture 1a and 1b. Not given in 1943-1944. Assistant Professor McMUNN.]
- [15a. GREENHOUSE MANAGEMENT.—II, (3). *Prerequisite:* Botany 5; Horticulture 5. Not given in 1943-1944. Professors DORNER and HALL.]
- [15b-15c. COMMERCIAL FLORICULTURAL CROPS.—I and II, (3). *Prerequisite:* Horticulture 15a. Not given in 1943-1944. Professor HALL.]
17. PLANT PATHOLOGY.—See Botany 7.
- [22. SPECIAL PROBLEMS.—I and II, (3 to 5). Not given in 1943-1944. *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 1943-1944. Professor HALL.]
- [31. GARDEN FLOWERS.—II, (3). *Prerequisite:* Botany 5. Not given in 1943-1944. Professor DORNER.]
- [32a-32b. FLORAL DECORATION.—For floriculture students. I, (3). Not given in 1943-1944. Professor DORNER.]
- [33. SYSTEMATIC POMOLOGY.—I, (2). *Prerequisite:* Horticulture 1a and 1b. Not given in 1943-1944. Assistant Professor McMUNN.]
- [49. SYSTEMATIC VEGETABLE CROPS.—I, (2). *Prerequisite:* Horticulture 1b or junior standing. Not given in 1943-1944. 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 1943-1944. Professor DORSEY.]
- [43. FLORICULTURAL PHYSIOLOGY.—I, (3). *Prerequisite:* Botany 3; Horticulture 3 or 15a; junior standing. Not given in 1943-1944. Associate Professor WEINARD.]
- [44. CURRENT POMOLOGICAL AND VEGETABLE CROPS LITERATURE.—Assigned topics; review of books, technical journals, and other publications. 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 1943-1944. Professor RUTH.]
- [45. PLANT NUTRITION.—II, (3). *Prerequisite:* Botany 3; Agronomy 28; Horticulture 3 or 15a; junior standing. Not given in 1943-1944. 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 1943-1944. Professor LLOYD.]
- [51. FRUIT DISEASES.—Same as Botany 51. I, (3). *Prerequisite:* Botany 7 or 72. Not given in 1943-1944. Professor ANDERSON.]
- [52. VEGETABLE DISEASES.—Same as Botany 52. II, (3). *Prerequisite:* Botany 7 or 72. Not given in 1943-1944. Professor ANDERSON.]
- [55. VEGETABLE PHYSIOLOGY.—I, (3). *Prerequisite:* Botany 5 and Chemistry 32, or consent of instructor; junior standing. Not given in 1943-1944. Assistant Professor McCOLLUM.]
- [56. GROWING VEGETABLES FOR MANUFACTURE.—II, (3). *Prerequisite:* Horticulture 3 or consent of instructor; junior standing. Not given in 1943-1944. 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, (1 to 2 units). Not given in 1943-1944. Professor HUELSEN.]
- [106. VEGETABLE CROPS SEMINAR.—I, ($\frac{1}{4}$ unit). Not given in 1943-1944. Professor HUELSEN.]
108. POMOLOGY.—Special problems. S, I, and II, (1 to 4 units).
 (a) FRUIT BREEDING.—Professor DORSEY.
 (b) POMOLOGICAL PHYSIOLOGY.—Professor RUTH.
 (c) SMALL FRUITS.—Professor COLBY.
115. FLORICULTURE.—Horticultural status of flowering plants, or special problems in culture of greenhouse plants. I and II, (1 to 2 units).
 (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 1943-1944. Professor DORSEY.]
- [130. PHYSIOLOGY OF FRUIT PRODUCTION.—I, (1 unit). Not given in 1943-1944. Professor RUTH.]
- [140. ADVANCED SMALL FRUIT CULTURE.—S, (1 unit). Not given in 1943-1944. 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 1943-1944. Professor ANDERSON.]
- [152. VEGETABLE DISEASE RESEARCH.—Same as Botany 100. I and II, (1 unit). Not given in 1943-1944. Professor ANDERSON.]
- [177. VIRUS DISEASES OF PLANTS.—Same as Botany 177. II, (1 unit). Given in alternate years; not given in 1943-1944. Assistant Professor THORNBERRY.]

HYGIENE

Professors: BEARD (Head of Department of Health Service), ETHEREDGE.

Assistant Professors: H. C. GEBHART, JUDAH.¹

Associates: BLACKSTONE, LEWIS, MILLBROOK, TEIGLER.

Instructors: MONTGOMERY,¹ VRYONIS,¹ FLORENCE P. GEBHART, YOUNG.

Cooperating: Professors ROBERT GRAHAM and P. H. TRACY, Associate Professor M. H. KRONENBERG, Assistant Professor HARRIET T. BARTO, Mr. H. L. WHITE, Mr. E. L. LOPEZ.

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). Professor ETHEREDGE.

¹On leave of absence for war service.

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. BLACKSTONE, Dr. LEWIS, Dr. TEIGLER, Dr. F. P. GEBHART, Dr. YOUNG.
6. FIRST AID.—A complete Red Cross First Aid course. Open to all undergraduate women. S, I, and II, (1). Dr. MILLBROOK, Dr. F. P. GEBHART.
7. FIRST AID.—A complete Red Cross First Aid course. Open to all undergraduate men. S, (1). Mr. LOPEZ.
8. NURSES' 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. S, (2). *Prerequisite:* Hygiene 2 or 5. Assistant Professor GEBHART, Dr. LEWIS.
- [15. INDUSTRIAL HYGIENE.—For students preparing for work in industry. This course is under the joint auspices of the Illinois Department of Public Health and the Colleges of Medicine, Commerce, and Engineering. I, (2). *Prerequisite:* Senior standing. Associate Professor KRONENBERG and others.]
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.

Associates: SEIL.²

Instructors: SCHOOLEY, FREDERICK,¹ JONES.¹

Cooperating: Professor RUSSELL, Mrs. MOHR.

Courses for Undergraduates

- 1-2. INTRODUCTION TO JOURNALISM.—Lectures and assigned readings on journalism as a profession. Journalistic reference materials. I and II, (1). *Prerequisite:* Freshman standing in the School of Journalism. 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. Associate Professor RAE; (S, Assistant Professor MCCLURE).
5. REPORTING.—News values and story form; gathering and writing news. I and II, (3). *Prerequisite:* Fifteen hours of University work. Professors MURPHY and LEITER; Assistant Professor MCCLURE.
6. REPORTING (CONTINUED).—News of public affairs. 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. 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. I, (3). *Prerequisite:* Journalism 5; credit or registration in Journalism 4. Assistant Professor FLYNN.
14. COPYREADING.—Handling wire copy; makeup and design of newspaper pages. S and II, (3). *Prerequisite:* Journalism 13. Associate Professor RAE; (S, Professor SIEBERT).
- [15. TRADE AND TECHNICAL JOURNALISM.—I, (3). *Prerequisite:* Junior standing. Not given in 1943-1944. Assistant Professor FLYNN.]

¹On leave of absence for war service.

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. S, (3). *Prerequisite:* Junior standing. Professor BARLOW.
23. **PRESS PHOTOGRAPHY.**—Taking of pictures illustrating the news; advanced reporting with a camera. I and II, (3). *Prerequisite:* Sophomore standing in the School of 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 1943-1944.]
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. II, (3). *Prerequisite:* Journalism 10, or consent of instructor. Assistant Professor McCLURE.
30. **RADIO BROADCASTING.**—Script writing and broadcasting of news, commentary, and analysis of events; dramatization of news; continuity. S, I, and II, (3). *Prerequisite:* Journalism 5. Professor MURPHY; (S, Professor BARLOW).
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. S and I, (3). *Prerequisite:* Journalism 26. Assistant Professor McCLURE; (S, Associate Professor RAE).
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. Professor RUSSELL.
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. S and I, (3). *Prerequisite:* Credit or registration in Journalism 4; sophomore standing in the School of Journalism. Associate Professor RAE. (S, Assistant Professor McCLURE).
- [42. **NEWSPAPER MANAGEMENT II.**—II, (3). *Prerequisite:* Journalism 41. Not given in 1943-1944. 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. 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 1943-1944. Professor LEITER.]
- [21. **COMMUNITY AND COUNTRY JOURNALISM.**—I, (3). *Prerequisite:* Senior standing. Not given in 1943-1944. Assistant Professor McCLURE.]
29. **ADVANCED REPORTING.**—Advanced types of news investigations and treatment. S, I, and II, (3). *Prerequisite:* Journalism 5 and 6, or equivalent. Professor BARLOW; (S, Professor MURPHY).
34. **NEWSPAPER ADVERTISING PROBLEMS.**—Same as Business Organization and Operation 34. Sales problems, advertising promotion, advertising research, marketing research. 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.
43. CIRCULATION AND PROMOTION.—Promotion, sales, distribution, and administration problems of the circulation and promotion departments of weekly and daily newspapers. II, (3). *Prerequisite:* Journalism 41. Associate Professor RAE.
- [47. HIGH SCHOOL JOURNALISM.—II, (3). *Prerequisite:* Junior standing. Not given in 1943-1944. Assistant Professor FLYNN.]
48. WARTIME COMMUNICATIONS AND CENSORSHIP.—Restrictions on naval and military information; sedition and espionage; government information agencies. II, (2). *Prerequisite:* Junior standing. Professor SIEBERT.
- [50. CRITICAL WRITING AND REVIEWING.—II, (2). *Prerequisite:* Junior standing and Journalism 6, or consent of instructor. Not given in 1943-1944. 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 1943-1944. 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. II, (2). *Prerequisite:* Junior standing. Professor BARLOW.
- 60a-60b. THESIS COURSE.—Selected topics in the history of journalism or a contemporary phase of journalism. Primarily for candidates for honors. 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,¹ 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 the instructor in charge. I, (3). Assistant Professor PETERSON.
- 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. Professors WHITE and SCHAFFER.
- [33-34. INTERMEDIATE LANDSCAPE DESIGN.—I and II, (4). *Prerequisite:* Landscape Architecture 32. Not given in 1943-1944. Professor WHITE.]
- 35-36. ADVANCED LANDSCAPE DESIGN.—Public and semi-public properties; schools, rural parks, golf courses, cemeteries. Lectures, field trips, and readings. I and II, (5). *Prerequisite:* Landscape Architecture 34. Professors LOHMANN and SCHAFFER.
- [43-44. LANDSCAPE CONSTRUCTION.—Continuous through I and II, (3). *Prerequisite:* Civil Engineering 18. Not given in 1943-1944. Professor SCHAFFER.]
46. OFFICE PRACTICE IN LANDSCAPE ARCHITECTURE.—Professional ethics and practice; contracts and specifications. Lectures, reference readings, seminars, and reports. II, (2). *Prerequisite:* Landscape Architecture 35. Professor SCHAFFER.

¹On leave of absence second semester.

47. CAMOUFLAGE.—Introduction to the protection of non-military areas and structures by camouflage. Theory, types, plans, materials, specifications, methods of installation, costs. I, (2). *Prerequisite:* Sophomore standing. Professor WHITE.
- 51-52. TREES AND SHRUBS.—Open only to landscape architecture and floriculture students. Identification and characteristics of hardy plant material. Lectures, reference readings, and field trips. Continuous through I and II, (3). *Prerequisite:* Botany 5. Assistant Professor ROBINSON.
- 53-54. PLANTING DESIGN.—Planting plans, sketches, and models. Lectures, readings, estimates, and field trips. Continuous through I and II, (4). *Prerequisite:* Landscape Architecture 34, 52; Horticulture 31. Assistant Professor ROBINSON.
55. CARE OF PLANT MATERIALS.—Planting, pruning, insect pests, plant diseases, and tree surgery. I, (2). *Prerequisite:* Landscape Architecture 52; senior standing. 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 1943-1944. 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 1943-1944. Assistant Professor PETERSON.]
- 71-72. PLANNING OF TOWNS AND CITIES.—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). Open to students in other departments. *Prerequisite:* junior standing. Professor LOHMANN.
- [74. REGIONAL PLANNING.—II, (3). Open to students in other departments. *Prerequisite:* Sophomore standing. Not given in 1943-1944. Professor LOHMANN and others.]

LAW

Professors: HARNO (Dean), GREEN (Emeritus), SUMMERS,¹ GOBLE, BRITTON,¹ McCASKILL, JOHNSON, SCHNEBLY, WEISIGER, HOLT.
Associate Professors: FERRALL,¹
Assistant Professors: SULLIVAN.

Courses for Undergraduates

- 1a. CONTRACTS I.—Patterson and Goble, *Cases on Contracts* (2d ed.). I and 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 and II, (3). Professor WEISIGER.
- 2b. TORTS.—Bohlen, *Cases on Torts* (3d ed.). II, (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. II, (3). Professor SCHNEBLY.
- 4a. REMEDIES.—McCaskill, *Cases on Actions and Suits*, Parts 1 and 2. I and II, (3). Professor McCASKILL.
- 4b. TRIAL PRACTICE.—McBaine, *Cases on Trial Practice* (2d ed.). II, (3). Professor McCASKILL.
5. CRIMINAL LAW.—Harno, *Cases on Criminal Law and Procedure* (2d ed.). I, (3). Professor WEISIGER.
- [6. LEGAL INSTITUTIONS.—I, (3). Not given in 1943-1944. Assistant Professor SULLIVAN.]
- [7. PERSONS.—I, (2). Not given in 1943-1944. Professor WEISIGER.]
- [8. EVIDENCE.—II, (3). Not given in 1943-1944. Professor McCASKILL.]

¹On leave of absence for the year.

- [9. SALES.—I, (3). Not given in 1943-1944. Professor GOBLE.]
10. EQUITY.—Cook, *Cases on Equity* (3d one-volume ed.). II, (3). Professor HOLT.
11. AGENCY.—Mechem, *Cases on Agency* (3d ed.). S, (3). Professor GOBLE.
12. FUNDAMENTALS OF ACCOUNTING.—Same as Accountancy 12. I and II, (3). Assistant Professor MOYER.
- [14. LEGISLATION.—II, (3). Not given in 1943-1944. Professor WEISIGER.]
- [15. BILLS AND NOTES.—II, (3). Not given in 1943-1944. Professor SCHNEBLY.]
16. TRUSTS.—Scott, *Cases on Trusts* (2d ed.). I, (4). Professor SCHNEBLY.
17. UNINCORPORATED BUSINESS ASSOCIATIONS.—Mechem, *Cases on Partnership* (Mathews' revision). II, (2). Professor HOLT.
18. WILLS AND ADMINISTRATION.—Costigan, *Cases on Wills, Descent, and Administration* (2d ed.). II, (3). Professor SCHNEBLY.
19. PRIVATE CORPORATIONS.—Richards, *Cases on Private Corporations* (3d ed. rev.). I, (3). Professor JOHNSON.
20. PLEADING.—McCaskill, *Cases and Problems on Pleading*. II, (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, (4). Assistant Professor SULLIVAN.
24. MUNICIPAL CORPORATIONS.—Stason, *Cases on Municipal Corporations*. S, (2). Professor WEISIGER.
- [25. SEMINAR IN THE LEGAL PROFESSION.—II, (1). Not given in 1943-1944. Professor HARNO.]
- 28a. INSURANCE I.—Goble, *Cases on Insurance*. S, (2). Professor GOBLE.
- 28b. INSURANCE II.—Goble, *Cases on Insurance*. II, (2). Professor GOBLE.
- [29. VENDOR AND PURCHASER.—II, (2). Not given in 1943-1944. Professor SUMMERS.]
30. PROPERTY III.—Aigler, Bigelow, and Powell, *Cases on Property*, Volume 2. I, (3). Professor McCASKILL.
31. CONFLICT OF LAWS.—Lorenzen, *Cases on Conflict of Laws* (4th ed.). I, (3). Professor HOLT.
32. CONTRACTS II.—Patterson, *Cases on Contracts II*. I, (3). 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 1943-1944. Professor McCASKILL.]
37. CRIMINAL LAW ADMINISTRATION AND PROCEDURE.—Harno, *Cases on Criminal Law and Procedure* (2d ed.). S, (2). Professor WEISIGER.
38. FUTURE INTERESTS AND RESTRAINTS UPON ALIENATION.—Powell, *Cases on Future Interests* (2d ed.). S, (4). Professor SCHNEBLY.
- [40. SEMINAR IN BANKRUPTCY.—I, (2). Not given in 1943-1944. 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.). II, (1). Professor WEISIGER.
- [50. SEMINAR IN LABOR LAW.—II, (2). *Prerequisite*: Consent of instructor. Not given in 1943-1944. Professor WEISIGER.]
- [52. OIL AND GAS.—I, (2). Not given in 1943-1944. Professor SUMMERS.]
- [59. SEMINAR IN THE LAW OF BANKS AND BANKING.—II, (2). Not given in 1943-1944. Professor BRITTON.]
- [60. SEMINAR IN PUBLIC UTILITIES.—I, (2). Not given in 1943-1944. Assistant Professor SULLIVAN.]
61. SEMINAR IN TRADE REGULATION.—S, (2). Professor GOBLE.
62. CORPORATION ORGANIZATION AND FINANCE.—Richards, *Cases on Private Corporations* (3d ed. rev.). II, (2). Professor JOHNSON.
64. TAXATION.—Magill and Maguire, *Cases on Taxation* (3d ed.). I, (3). Assistant Professor SULLIVAN.
- [99. MILITARY LAW AND DEFENSE LEGISLATION.—I, (2). *Prerequisite*: Junior standing. Not given in 1943-1944. Professors WEISIGER and HOLT.]

LIBRARY SCIENCE

Professors: DOWNS (Director of Library School), WINDSOR (Emeritus).

Associate Professors: SIMPSON (Emerita), BOND, BOYD, STIEG (Assistant Director).

Assistant Professors: HOSTETTER, PHELPS, SPENCER, LANCASTER.

Lecturers: JOHNSON, JUTTON, HOUCHEMS, DUNLAP, GARVER, TROTIER.

Instructors: LOHRER.

Assistants: HEDSTRAND.

Cooperating: Mr. L. E. BAMBER.

Summer of 1943 but not in current year: Professor C. M. WHITE, MILDRED E. SINGLETON, LURA E. CRAWFORD, IRENE M. DOYLE, WINIFRED B. LINDERMAN, F. A. LUNDY, S. A. MCCARTHY, G. F. PURDY, ADA M. WOOD, GERTRUDE E. BLOOMER, FOWLER B. CROSS, REBECCA JONES, MYRA LYTLE, MIRIAM NETHERY.

Courses for Undergraduates

7. READING GUIDANCE IN ADOLESCENT LITERATURE.—Introduction to the integrated use of reading materials in the secondary school program. S, (3); 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. I and II, (4). Miss LOHRER.
9. SCHOOL LIBRARY MANAGEMENT.—Objectives and methods of service in the small school library: organization; budget and book-ordering; classification; cataloging substitutes; training the pupil staff; housing and equipment. S, (3); II, (4); *Prerequisite or concurrent:* Library Science 7 or 8. Miss LOHRER; (S, Miss CRAWFORD).
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). Assistant Professor HOSTETTER, Miss LOHRER.

Courses for Students in the Library School

- 2a. REFERENCE AND BIBLIOGRAPHY.—Types of reference materials, including national bibliographies, indexes, and the essential general reference books. I, (4). Assistant Professor PHELPS.
- 2b. REFERENCE.—Reference books for special subjects; administration of the reference department. S and II, (3). *Prerequisite:* Library Science 2a. Assistant Professor PHELPS; (S, Miss SINGLETON).
16. BOOK-BUYING.—Methods of acquisition of books, periodicals, and other library materials, with related problems. S, (2). Mr. LUNDY.
20. BACKGROUNDS FOR LIBRARIANSHIP.—S and I, (2). Assistant Professor LANCASTER; (S, Mr. MCCARTHY).
- [21. PRINTING AND BINDING.—Practical printing for libraries; appreciative aspects of bookmaking; materials and methods of binding; preparing books for the bindery. II, (2). Not given in 1943-1944. Miss HOUCHEMS.]
22. INTRODUCTION TO LIBRARY ADMINISTRATION.—Principles of library organization and administration, especially library finance and personnel. S and I, (2). Assistant Professor LANCASTER; (S, Mr. MCCARTHY).
23. PUBLIC LIBRARY ADMINISTRATION.—Organization and administration of the public library; relations of the public library with city government; the place and function of the public library board; the internal management of the library. II, (3). Assistant Professor LANCASTER.
- 31a. CATALOGING.—Dictionary cataloging according to Library of Congress practice. S and I, (2). Associate Professor BOND; (S, Miss DOYLE).
- 33b. COLLEGE LIBRARY ADMINISTRATION.—Problems of the four-year college, junior college, teachers college, and the college unit in universities. S and II, (3). Assistant Professor LANCASTER; (S, Mr. PURDY).
36. CLASSIFICATION.—Dewey decimal classification; Library of Congress classification (briefly); principles of subject headings, book numbers, shelf listing. S and I, (2). Associate Professor BOND; (S, Miss DOYLE).

37. CATALOGING.—Continuation of 31a. One section emphasizes college and university library problems; another section emphasizes public library and high school library problems. II, (2 or 3). Associate Professor BOND.
- 38a. SELECTION OF BOOKS.—Evaluation of books in the fields of fiction, belles lettres, biography, and travel, in relation to reading interests and ability; the publishing of books; problems of the book trade as they affect library selection. I, (3). Assistant Professor HOSTETTER.
- 38b. SELECTION OF BOOKS.—Continuation of 38a. Evaluation of books in relation to reading interests in such special fields of knowledge as science, social science, art, religion, psychology. S and II, (3). Associate Professor BOYD, Assistant Professor HOSTETTER; (S, Miss LINDERMAN).
39. INTRODUCTION TO GOVERNMENT PUBLICATIONS.—The nature and scope of municipal publications; their value as sources of information; their selection, acquisition, and care. II, (2). Associate Professor BOYD.
46. HIGH SCHOOL LIBRARY ADMINISTRATION.—S and II, (3). *Prerequisite*: Fifteen hours of library science; consent of instructor. Assistant Professor HOSTETTER; (S, Miss WOOD).
47. SUBJECT BIBLIOGRAPHY.—Selected subject bibliographies for practical reference work. S, (2). *Prerequisite*: Library Science 2a; consent of instructor. Professor WHITE.
49. CHILDREN'S LITERATURE.—S, (2). Miss WOOD.
55. CHILDREN'S LITERATURE.—Books and periodicals which best meet children's reading interests; library history and evolution; aids for selection; editions and illustrators. II, (3). Assistant Professor HOSTETTER.
97. INDIVIDUAL PROBLEMS.—Open to experienced students desiring extension of study along lines of special interest and to students interested in special library administration. S and II, (1 to 3). *Prerequisite*: Consent of instructor. Professor DOWNS and others; (S, Professor WHITE).
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; (S, Miss WOOD).

Courses for Students in the Library School and the Graduate School

- 13a. UNITED STATES GOVERNMENT PUBLICATIONS.—Production, distribution, and use of federal publications as reference material. S and I, (2 semester hours or $\frac{3}{4}$ unit). *Prerequisite*: Library Science 2a-2b. Associate Professor BOYD; (S, Mr. MCCARTHY).
42. STATE, MUNICIPAL, AND FOREIGN DOCUMENTS.—Use of state and municipal documents, League of Nations publications, and foreign government publications as reference material. II, (3 semester hours or $\frac{3}{4}$ unit). Assistant Professor PHELPS.
51. BOOKS AND LIBRARIES.—S, (3 semester hours or $\frac{1}{2}$ unit). Miss LINDERMAN.
52. READING GUIDANCE.—Adult readers' interests and habits; readers' advisory service; library participation in adult education, with emphasis on the public library. II, (2 semester hours or $\frac{1}{2}$ unit). Associate Professor BOYD.
53. BIOLOGICAL LITERATURE AND REFERENCE WORK.—I, (2 semester hours or $\frac{1}{4}$ unit). *Prerequisite*: Consent of instructor. Mr. BAMBER.
54. AUDIO-VISUAL AIDS AND LIBRARY SERVICE.—S and II, (3 semester hours or $\frac{1}{2}$ unit). Assistant Professor SPENCER.

Courses for Graduates

NOTE:—Before beginning work for the degree of A.M. or M.S. with the major in library science, students must have acquired the degree of B.S. in library science, or its equivalent in an approved institution, with good scholastic records. They must also present approved experience, a reading knowledge of two modern foreign languages, one of which must be German or French, and recommendations as to professional promise. A student may combine a major in library science with a minor in any special subject for which he is adequately prepared. The thesis must be completed within three years after first registration therein, unless a longer period is approved.

By special arrangement in certain departments of the University, library science is accepted as a minor toward the degree of Doctor of Philosophy if the candidate has a master's degree in library science.

101. THESIS.—S, I, and II, (*1 to 2 units*). Professor DOWNS and others; (S, Professor WHITE).
102. SEMINAR.—Individual problems. S, I, and II, ($\frac{1}{2}$ to *1 unit*). Professor DOWNS, Associate Professors BOND and BOYD; (S, Professor WHITE).
- 103a-103b. ADVANCED REFERENCE.—Designed to improve the student's ability to handle difficult bibliographical problems and to increase his knowledge of the organization and administration of reference service. S (103a only), I, and II, ($\frac{3}{4}$ *unit*). Assistant Professor PHELPS.
- 104a. ADVANCED CLASSIFICATION.—History and philosophy of classification; comparative study of systems, with special emphasis on the system used by the Library of Congress. S and I, ($\frac{1}{2}$ *unit*). Associate Professor BOND.
- 104b. ADVANCED CATALOGING.—History and philosophy of cataloging; comparative study of cataloging rules; administrative problems in cataloging; cataloging incunabula, rare books, manuscripts, archives, etc. II, ($\frac{1}{2}$ to *1 unit*). Associate Professor BOND.
106. METHODS OF INVESTIGATION IN LIBRARIANSHIP.—Research methods and their application to the problems of librarianship. I, ($\frac{1}{2}$ *unit*). Associate Professor STIEG.
107. PUBLISHERS.—Evolution of book publishing and book trade practices; functions and problems of modern publishing in relation to the library. I, (*1 unit*). Associate Professor BOYD.
108. LIBRARY TRENDS.—Administration, extension, unifying agencies, integration with school and college objectives, education for librarianship, and cooperation with civic and social organizations. I, (*1 unit*). Assistant Professor SPENCER.
109. COLLEGE AND UNIVERSITY LIBRARY ADMINISTRATION.—Special problems and issues in college and university library administration, with emphasis on university libraries. Presentation of reports and papers followed by discussion. Presupposes familiarity with the tools and techniques of research. S, (*1 unit*). Mr. PURDY.
110. THE CURRENT SCENE IN LIBRARIANSHIP.—II, (*no credit*). Professor DOWNS and others.

MATHEMATICS

Professors: COBLE (Head of the Department), TOWNSEND (Emeritus), G. A. MILLER (Emeritus), SHAW (Emeritus), CARMICHAEL, EMCH (Emeritus), CRATHORNE (Emeritus), BRAHANA, TRJITZINSKY.

Associate Professors: HAZLETT, BAER, BAILEY,¹ BOURGIN, DOOB,¹ P. W. KETCHUM,¹ MOORE.

Assistant Professors: H. LEVY, CHANLER, H. J. MILES.

Associates: STEIMLEY, PEPPER, ARMSTRONG, HOERSCH, WILSON, MENDEL, DUFFIN,¹ R. H. FOX, VAUGHAN, WELKER, BOWER, BRISTOW, DAY, PETERS, HOBART.

Instructors: BELL,² R. W. HAMMING,² ATCHISON, LAPSLEY,² L. S. LEVY, BEDRICK, G. S. KETCHUM.³

Assistants: HELTON, SPRINGER,² HATTAN, LIVESAY,² PHILLIPS, N. M. MILES,² AHERTON, BRANNON, H. H. FOX,² W. L. HAMMING,² LANGEBARTEL, LERRET,² SCHUBERT, BAILAR,³ BLANKINSHIP,² GOODSON, HOFFMAN, HOSTINSKY, McSWANE, STONEHAM,² WORKMAN, BUCHHOLZ,³ CARROLL,³ ENGLE,³ BOSWELL.⁴

Summer of 1943 but not in current year: Dr. H. M. SCHWARTZ, Dr. W. S. TURPIN, L. E. BABCOCK, Mrs. LOIS R. BAMBER, C. L. DREW, MILDRED D. FLEMING, RUTH M. JOHNSON, CAROLINE LUTHER, RUTH SHAFF, BEATRICE J. WHITE.

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 (excluding courses taken during the freshman year) selected from one or two of the following subjects: accountancy, astronomy, chemistry, eco-

¹On leave of absence for war service.

²Resigned.

³First semester.

⁴Second semester.

nomics, 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.

Pre-Induction Courses for Army-Navy Programs

NOTE:—This pre-induction course is for students enrolled in the following programs: the Navy V-1 program; the academic pre-training programs for Aviation Cadets; the Air Force plan B, enlistment on a deferred basis; the Army Reserve Corps pre-induction program; and the R.O.T.C.

A.N.4. PLANE TRIGONOMETRY.—Recommended in the Sixth Corps Area for all who intend to enter the armed service. It covers the same material as Mathematics 4, but gives an added hour of instruction and drill. I, (3). *Prerequisite:* Entrance algebra, $1\frac{1}{2}$ units, or registration in Mathematics 3; plane geometry, 1 unit. Associate Professor BAER, Dr. PEPPER.

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. S, I, and II, (3). *Prerequisite:* Entrance algebra, 1 unit; plane geometry, 1 unit. Dr. HOERSCH; (S, Dr. FOX).
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. Associate Professor BOURGIN, Assistant Professor LEVY, Dr. STEIMLEY, Dr. PEPPER, Dr. ARMSTRONG, Dr. HOERSCH, Dr. WILSON, Dr. MENDEL, Dr. BOWER, Mrs. MILES, Miss SCHUBERT; (S, Miss ATHERTON).
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 Professors HAZLETT, BOURGIN and KETCHUM, Assistant Professor LEVY, Dr. ARMSTRONG, Dr. WILSON, Dr. MENDEL, Dr. BOWER, Mrs. MILES; (S, Professor CRATHORNE, Dr. BELL, Miss ATHERTON).
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. Professors BRAHANA and TRJITZINSKY, Associate Professor BAER, Assistant Professors LEVY and MILES, Dr. STEIMLEY, Dr. WELKER, Dr. BRISTOW, Mrs. LEVY, Miss SCHUBERT; (S, Professor CRATHORNE, Dr. BEDRICK).
- 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. I, (3). *Prerequisite:* High school algebra, 1 unit. Mrs. MILES.
5. ADVANCED 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; trigonometry, $\frac{1}{2}$ unit (or Mathematics 4). Assistant Professor CHANLER, Dr. BOWER.
6. ANALYTIC GEOMETRY.—Plane and solid analytic geometry. I, (5). Seniors receive only four hours credit. *Prerequisite:* Mathematics 2 or 3, and 4 or 5. Associate Professor HAZLETT.
- 6a. ANALYTIC GEOMETRY.—Plane and solid analytic geometry. For chemists, architects, and engineers. S, I, and II, (4). Seniors receive only three hours credit. *Prerequisite:* Mathematics 2 or 3, and 4 or 5. Associate Professors HAZLETT and BAER, Assistant Professor LEVY, Dr. WILSON, Dr. MENDEL, Dr. WELKER, Mrs. LEVY; (S, Assistant Professor CHANLER, Dr. STEIMLEY, Miss ATHERTON).

7. CALCULUS.—First course for students of mathematics and engineering. S, I, and II, (5). *Prerequisite:* Mathematics 6 or 6a. Professors BRAHANA and TRJITZINSKY, Associate Professors BAER and BOURGIN, Assistant Professor MILES, Mrs. LEVY; (S, Associate Professor MOORE, Assistant Professor LEVY, Dr. ARMSTRONG).
- 8a. CALCULUS.—For students of chemistry, chemical engineering, ceramics, ceramic engineering, metallurgy, and mining engineering. S, I, and II, (3). *Prerequisite:* Combined first-year course (Mathematics 10a-10b) or consent of instructor. Assistant Professor CHANLER, Dr. BRISTOW; (S, Dr. HOERSCH, Dr. TURPIN).
- 8b. CALCULUS.—Continuation of Mathematics 8a. I and II, (3). *Prerequisite:* Mathematics 8a. Assistant Professor CHANLER, Dr. BRISTOW.
9. CALCULUS.—Second course for students of mathematics and engineering. S, I, and II, (3). *Prerequisite:* Mathematics 7. Professors COBLE and TRJITZINSKY, Associate Professors HAZLET and BOURGIN, Dr. WELKER; (S, Professor CRATHORNE, Associate Professor BAER, Assistant Professor CHANLER, Dr. HOERSCH, Dr. WILSON, Dr. TURPIN).
- 9a. CALCULUS.—Special topics. S, I, and II, (2). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Dr. BRISTOW; (S, Dr. FOX).
- 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, I, and II, (5). *Prerequisite:* Entrance algebra, $1\frac{1}{2}$ units; plane geometry, 1 unit. Professor BRAHANA, Assistant Professor CHANLER, Dr. WELKER, Mrs. MILES; (S, Professor TRJITZINSKY, Assistant Professor MILES, Dr. FOX, Dr. VAUGHAN, Dr. BRISTOW, Dr. BELL, Miss HATTAN).
- 10b. COMBINED FRESHMAN MATHEMATICS (CONTINUED).—I and II, (4). *Prerequisite:* Mathematics 10a. Dr. STEIMLEY, Dr. ARMSTRONG, Dr. MENDEL, Dr. WELKER, Mrs. MILES.
- [23. MATHEMATICS OF FINANCE.—II, (3). *Prerequisite:* Mathematics 2; junior standing. Not given in 1943-1944. Dr. HOERSCH.]
- 90a-90b. UNDERGRADUATE THESIS.—S 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.

16. DIFFERENTIAL EQUATIONS.—S and I, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Dr. STEIMLEY; (S, Dr. BRISTOW).
17. DIFFERENTIAL EQUATIONS.—II, (3). *Prerequisite:* Mathematics 16. Dr. STEIMLEY.
18. ADVANCED CALCULUS.—S, I, and II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Associate Professor KETCHUM, Dr. BRISTOW; (S, Dr. MENDEL, Dr. VAUGHAN).
19. DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.—I and II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Dr. BRISTOW.
21. THEORY OF PROBABILITY.—II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Associate Professor BAER.
- 22a-22b. STATISTICS.—S, I, and II, (3). *Prerequisite:* Mathematics 2 or 3; junior standing. Dr. BOWER; (S, Professor CRATHORNE).
- [30-31. ACTUARIAL THEORY.—Continuous through I and II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Not given in 1943-1944.]
- [32. HISTORY OF MATHEMATICS.—II, (3). *Prerequisite:* 18 hours of Mathematics, including Mathematics 7 and 9. Not given in 1943-1944.]
35. TEACHERS COURSE.—I and II, (3). *Prerequisite:* A year course in calculus, or consent of instructor. Dr. PEPPER.
- [36. SOLID ANALYTIC GEOMETRY.—II, (3). *Prerequisite:* 18 hours of mathematics, including Mathematics 7 and 9. Not given in 1943-1944. Associate Professor MOORE.]
- 40a-40b. FUNDAMENTAL CONCEPTS OF MATHEMATICS.—S, I, and II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Assistant Professor CHANLER; (S, Associate Professor MOORE, Assistant Professor MILES).

- 70a-70b. INTRODUCTION TO HIGHER ALGEBRA.—S (70a only), and continuous through I and II, (3). *Prerequisite:* Mathematics 7 and 9, or 8a-8b. Professor BRAHANA; (S, Assistant Professor CHANLER).
- 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. MENDEL; (S, Dr. FOX).
- [72a-72b. INTRODUCTION TO HIGHER GEOMETRY.—Continuous through I and II, (3). *Prerequisite:* Mathematics 7 and 9. Not given in 1943-1944. 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 1943-1944.]
- [102. FUNCTIONS OF A COMPLEX VARIABLE.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [104. TOPOLOGY.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [105. CALCULUS OF VARIATIONS.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
109. SEMINAR IN RESEARCH TOPICS.—I and II, (1 unit). Professor CARMICHAEL.
- [110. ELLIPTIC FUNCTIONS.—II, (1 unit). Not given in 1943-1944.]
111. DIFFERENTIAL EQUATIONS.—Continuous through I and II, (1 unit). Professor TRJITZINSKY.
- [112. THEORY OF LINEAR DIFFERENCE EQUATIONS.—Continuous through I and II, (1 unit). Not given in 1943-1944. 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 1943-1944. Professor TRJITZINSKY.]
- [116. TOPICS IN CLASSICAL ANALYSIS.—I, (1 unit). Not given in 1943-1944.]
- [124. THEORY OF NUMBERS.—I, (1 unit). Not given in 1943-1944.]
- [126. THEORY OF GROUPS.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [127. FUNDAMENTALS OF GEOMETRY.—II, (1 unit). Not given in 1943-1944.]
- [128. CONTINUOUS GROUPS.—II, (1 unit). Not given in 1943-1944. Associate 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 1943-1944. Professor COBLE.]
- [135. DIFFERENTIAL GEOMETRY.—II, (1 unit). Not given in 1943-1944.]
- [141a-141b. VECTOR ANALYSIS.—S, ($\frac{3}{4}$ to 1 unit). Not given in 1943-1944. Assistant Professor LEVY.]
- [151. LINEAR OPERATIONS.—Continuous through I and II, (1 unit). Not given in 1943-1944. Associate Professor BOURGIN.]
- [153. THE MATHEMATICAL THEORY OF AERODYNAMICS.—Continuous through I and II, (1 unit). Not given in 1943-1944. Associate Professor BOURGIN.]
169. ELEMENTS OF HIGHER GEOMETRY AND ALGEBRA.—I, (1 unit). Assistant Professor LEVY.

170. ALGEBRA.—S and I, (1 unit). Associate Professor BAER; (S, Professor BRAHANA).
 171. ANALYSIS.—S, and continuous through I and II, (1 unit). Associate Professor BOURGIN; (S, Professor TRJITZINSKY).
 172. GEOMETRY.—S, and continuous through I and II, (1 unit). Professor COBLE, Assistant Professor LEVY.

MECHANICAL ENGINEERING

Professors: LEUTWILER (Head of the Department), KRATZ, YOUNG,¹ HAM, POLSON, CASBERG, MACINTIRE, SEVERNS, ESPY, RYAN.

Associate Professors: RIDDELL, MOHN, FELLOWS.

Assistant Professors: LARSON, SCHUBERT, TRIGGER.

Associates: HALL (Emeritus), LANHAM (Emeritus), STARR, BROGHAMER,² GOGLIA, KRANS,² MILES, SEYFARTH.²

Instructors: WRIGHT, LUKE,² HENRY, COLLIER, COLE, GREFFE.

Assistants: DERROUGH, SINGER, HRUBECKY.³

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. Professor POLSON, Mr. MILES, Mr. COLLIER.
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. S, I, and II, (3). *Prerequisite:* Mechanical Engineering 10; registration in Mechanical Engineering 61. Professor MACINTIRE, Associate Professor FELLOWS.
- [5. LOCOMOTIVES.—I, (3). *Prerequisite:* Theoretical and Applied Mechanics 1; registration in Mechanical Engineering 13 and Theoretical and Applied Mechanics 2. Not given in 1943-1944. Professor YOUNG.]
- [6. POWER PLANT EQUIPMENT.—For mechanical engineering students. I and II, (4). *Prerequisite:* Registration in Mechanical Engineering 14. Not given in 1943-1944. Professor MACINTIRE, Associate Professor FELLOWS.]
- 6w. POWER PLANT EQUIPMENT.—An abbreviation of Mechanical Engineering 6. S, I, and II, (3). *Prerequisite:* Registration in Mechanical Engineering 14. Associate Professors MOHN and FELLOWS, Mr. HENRY.
7. INTERNAL COMBUSTION ENGINES.—Theory, performance, and general characteristics. S, I, and II, (3). *Prerequisite:* Mechanical Engineering 6 or 3. Professor POLSON.
- [8. RAILWAY OPERATION.—I, (3). *Prerequisite:* Mechanical Engineering 5. Not given in 1943-1944. Professor YOUNG.]
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, I, and II, (3). *Prerequisite:* Mathematics 9; Physics 1 and 3. Professor MACINTIRE, Assistant Professor LARSON, Mr. GOGLIA.
13. THERMODYNAMICS.—Transformations of energy, theoretical limitations; second law, absolute temperature, entropy and available energy; properties of gases, liquids, vapors, and vapor mixtures. S, I, and II, (3). *Prerequisite:* Mathematics 9; Physics 1 and 3. Assistant Professor LARSON, 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

¹On leave of absence first semester.

²On leave of absence for war service.

³Second semester.

- of moist air; and other applications. S, I, and II, (3). *Prerequisite*: Mechanical Engineering 13. Professor ESPY.
15. ENGINEERING THERMODYNAMICS.—Application of principles of thermodynamics to selected problems of power production, heat transfer, fluid flow of a compressible medium, cycle analysis. I and II, (3). *Prerequisite*: Mechanical Engineering 14. Professor ESPY.
17. REFRIGERATION ENGINEERING.—Mechanical cooling in industrial processes. S, I, and II, (3). *Prerequisite*: Mechanical Engineering 14. Professor MACINTIRE.
21. MECHANICAL EQUIPMENT OF BUILDINGS.—Laboratory tests of steam engines, turbines, pumps, hot-blast heaters, fans, air-washers, heating boilers, and air compressors. S and I, (1). *Prerequisite*: Senior standing; registration in Mechanical Engineering 23. Professor SEVERNS.
23. MECHANICAL EQUIPMENT OF BUILDINGS.—Small power plants, direct and indirect heating, ventilation, and air conditioning. S and I, (4). *Prerequisite*: Senior standing; registration in Mechanical Engineering 21. Professor SEVERNS.
25. HEATING AND VENTILATION FOR ARCHITECTS.—Direct and indirect heating, ventilation and air analysis, air conditioning. S and I, (2). *Prerequisite*: Senior standing. 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.
31. MECHANICS OF MACHINERY.—Cams, gears; graphical construction; kinetics; balancing; critical speeds; force and mass reduction. S, I, and II, (5). *Prerequisite*: Registration in Theoretical and Applied Mechanics 2. Professors HAM and RYAN, Mr. GREFFE, Mr. HRUBECKY.
33. AERONAUTICAL ENGINEERING.—Aerodynamic principles in airplane design. S, I, and II, (3). *Prerequisite*: Senior standing. Associate Professor RIDDELL.
34. AERONAUTICAL ENGINEERING.—Loads and stresses, materials and methods of construction. S, I, and 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 1943-1944. Assistant Professor LARSON.]
- [36. PETROLEUM PRODUCTION ENGINEERING.—II, (3). *Prerequisite*: Mechanical Engineering 35, or consent of instructor. Not given in 1943-1944. Assistant Professor LARSON.]
38. INDUSTRIAL ENGINEERING.—Limited to women with Pratt & Whitney scholarships. II, (3). Professor CASBERG.
40. MECHANICAL ENGINEERING DESIGN.—Design of machinery subjected to heavy and variable stresses. S, I, and II, (3). *Prerequisite*: Theoretical and Applied Mechanics 3 and 63; Mechanical Engineering 31. Professor HAM, Mr. GREFFE.
- [41. MECHANICAL ENGINEERING DESIGN.—Continuation of course 40. S, I, and II, (4). *Prerequisite*: Mechanical Engineering 40. Not given in 1943-1944. Professors LEUTWILER and RYAN.]
- 41w. MECHANICAL ENGINEERING DESIGN.—An abbreviation of Mechanical Engineering 41. S, I, and II, (3). Professors LEUTWILER and RYAN, Mr. GREFFE.
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 1943-1944. Professor YOUNG.]
61. MECHANICAL ENGINEERING LABORATORY.—Tests of prime movers and auxiliaries. For chemical and electrical engineering students. S, I, and II, (2). *Prerequisite*: Mechanical Engineering 1, 2, or 3. Assistant Professor LARSON, Mr. GOGLIA, Mr. COLLIER.
62. MECHANICAL ENGINEERING LABORATORY.—Steam boilers and auxiliaries, steam prime movers, pumps, condensers, fans, air compressors and internal combustion engines. Lectures, recitations, and 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. Mr. MILES.
63. MECHANICAL ENGINEERING LABORATORY.—Limited to women with Pratt & Whitney scholarships. S, (2). Mr. MILES, Mr. HENRY, Mr. COLE.

64. MECHANICAL ENGINEERING LABORATORY.—Instruments and tests of steam prime movers, pumps, fans, internal combustion engines, and flow of compressible media. Engineering reports, S, I, and II, (3). *Prerequisite:* Registration in Mechanical Engineering 6 and 14, or 3. Associate Professor FELLOWS, Mr. GOGLIA, Mr. HENRY, Mr. COLLIER.
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. Associate Professor MOHN, Mr. MILES, Mr. HENRY, Mr. COLE, Mr. COLLIER.
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. I, (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. S, I, and II, (3). *Prerequisite:* Sophomore standing; General Engineering Drawing 1 or 4. Assistant Professor SCHUBERT, 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, 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 1943-1944.]

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 1943-1944.]
108. FLOW OF FLUIDS AND HEAT TRANSFER.—The application of dimensional analysis and other rational formulas. Special problems. II, (1 unit). Professor MACINTIRE.
- [109. MECHANICAL ENGINEERING DESIGN.—I and II, (1 unit). Not given in 1943-1944.]
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). Professor KRATZ.
- [117. ADVANCED REFRIGERATION ENGINEERING.—I and II, (1 unit). Not given in 1943-1944.]
- [120. LOCOMOTIVE DESIGN.—S, I, and II, (1 unit). Not given in 1943-1944. Professor YOUNG.]
- [121. LOCOMOTIVE OPERATION.—S, I, and II, (1 unit). Not given in 1943-1944. Professor YOUNG.]

MILITARY BANDS

Professors: HARDING (Director).

Assistant Professors: HINDSLEY¹ (Assistant Director), SAWHILL (Acting Assistant Director).

Instructors: WILSON,¹ SCHROEPPER.

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. Service in the bands takes the place of part of the military drill required of freshmen and sophomores. Assignments are made according to proficiency.

1-2. FRESHMAN BAND.—S, I, and II. Director HARDING, Assistant Director SAWHILL, Mr. SCHROEPPER.

3-4. SOPHOMORE BAND.—S, I, and II. Director HARDING, Assistant Director SAWHILL, Mr. SCHROEPPER.

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: Colonel SPARKS (Commandant).

Associate Professors: Colonel CHAPMAN; Majors DANNER,² DALLENBACH, STEWART, BLOCK, KREGER.

Assistant Professors: Captains MCGILVRAY,² McLINTOCK, KIBURZ,² SMITH, BOND, CARN, McTAGGART, DEFORD, WOODS, BROOKS, CARSON,² DIETTERLE,² HATCHER, LOFLIN,² PURCELL,² THORNBERRY,² ALLEN,² DOOLEN, FOUTCH,² St. MARIE.

Associates: First Lieutenants DISTEL,² KNIGHT, BALL, HALL,² LEGENDRE,² POWLESS,² RASER,² WHITLEY,² BROOKS,² FEAGIN,² GOETSCHUIS,² KAISER, KATZ, IKERD, LYNCH, HAILS,² HOWARD,² Second Lieutenants CARLSON,² RANDLE,² CORE, CLINK,² EDWARDS, WARREN,² ANDERSON,² VRANIZAN,² ELKINS.

Courses for Undergraduates

NOTE.—All military courses designated by the letter "a" are practical; those designated by the letter "b" are theoretical.

Director: Major STEWART.

Instructors: Captains SMITH, St. MARIE.

1a-2a. FRESHMAN R.O.T.C.—Close and extended order drill; rifle marksmanship; weapons; scouting and patrolling; elementary infantry tactics; interior guard duty; sanitation and first aid; display and care of equipment.

1b-2b. FRESHMAN R.O.T.C.—Military courtesy and discipline; articles of war; defense against chemical attack; field fortifications; elementary map readings; military organization.

3a-4a. SOPHOMORE R.O.T.C.—Close and extended order drill; technique of rifle fire; bayonet training; infantry tactics; infantry weapons; rifle marksmanship; leadership.

3b-4b. SOPHOMORE R.O.T.C.—Military law and courts martial; mess management; supply; security and defense; methods of instruction; combat training; tactics of the rifle platoon.

¹On leave of absence for war service.

²Transferred.

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 1943-1944.]
- [83. ADVANCED TRAINING.—I and II, (2). *Prerequisite*: Military Training for Women 81. Not given in 1943-1944.]

MINING AND METALLURGICAL ENGINEERING

Professors: WALKER (Head of the Department).

Assistant Professors: BRUCKNER, FORSYTH, BOTTOMLEY, STEWART.

Associates: ECKEL, RICKETTS.

MINING

Courses for Undergraduates

1. ELEMENTS OF MINING.—Explosives, drilling, blasting, coal-cutting, shaft-sinking, tunneling. For mining students only. S and II, (4). *Prerequisite*: Physics 1b, 3b; Geology 43; Theoretical and Applied Mechanics 1. Assistant Professor BOTTOMLEY.
- [2. MINING PRINCIPLES.—For students in curricula other than mining. I, (3). *Prerequisite*: One year of college chemistry and physics. Not given in 1943-1944. Assistant Professor BOTTOMLEY.]
4. MINING METHODS.—Methods of working bedded, vein, and placer deposits. I, (4). *Prerequisite*: Mining 1. Assistant Professor BOTTOMLEY.
6. MECHANICAL ENGINEERING OF MINES.—Hoisting: ropes, cages and skips, hoisting engines; haulage: cars, locomotives, track; mine drainage and pumping. S and II, (3). *Prerequisite*: Mining 4; credit or registration in Electrical Engineering 4 and 64; Mechanical Engineering 62; Theoretical and Applied Mechanics 2. Assistant Professor BOTTOMLEY.
8. MINE ADMINISTRATION.—Mining law; mine management; trade agreements; wage systems; personnel administration. S and II, (3). *Prerequisite*: Mining 4; Accountancy 12. Assistant Professor STEWART.
9. PRINCIPLES OF MINERAL DRESSING.—History, processes, machines; coal preparation; breaking, sizing, and concentration of ores; laboratory work in coal preparation and ore dressing. S, I, and II, (3). *Prerequisite*: Chemistry 22; Physics 1b, 3b; registration or credit in Geology 20. Assistant Professor STEWART.
- [12. MINING GEOLOGY.—II, (3). *Prerequisite*: Mining 4; Geology 20 and 43. Not given in 1943-1944.]
15. MINE VENTILATION.—Mine gases and safety lamps; ventilation of mines; fires and explosions. S and I, (2). *Prerequisite*: Mining 4. Assistant Professor STEWART.
20. MINE VENTILATION LABORATORY.—Laboratory work to accompany Mining 15. I, (2). *Prerequisite*: Registration in Mining 15. Assistant Professor STEWART.
21. MINE EXAMINATION, VALUATION, AND REPORTS.—Prospecting mineral deposits; methods of examining, valuing, and reporting on mining properties. I, (3). *Prerequisite*: Mining 4. Assistant Professor BOTTOMLEY.
41. MINING DESIGN.—Application of engineering principles to the design of portions of a mine plant; estimates of quantities and costs. S, I, and II, (3). *Prerequisite*: Senior standing in mining engineering. Assistant Professor STEWART.
42. MINING DESIGN.—Continuation of Mining 41. S, I, and II, (2). *Prerequisite*: Mining 41. Assistant Professor STEWART.
62. MINE SURVEYING.—Mine surveying; mineral land surveying; field astronomy. S and II, (3). *Prerequisite*: Civil Engineering 15, or equivalent. Assistant Professor BOTTOMLEY.
- [64. COAL AND ORE PREPARATION LABORATORY.—Crushing, dry preparation, and washing of coals; concentration of ores; sampling; analysis of raw and finished products. I, (2). *Prerequisite*: Mining 9. Not given in 1943-1944. Assistant Professor STEWART.]

- [90. SEMINAR.—I, (1). *Prerequisite*: Senior standing. Not given in 1943-1944. Professor WALKER.]
 97-98. THESIS.—II (97 only), (1 to 3); 98 not given in 1943-1944. *Prerequisite*: High standing and approval of head of department. Professor WALKER.
 [99. INSPECTION TRIP.—I, (no credit). *Prerequisite*: Senior standing. Not given in 1943-1944.]

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). Not given in 1943-1944.]
 [104. MINE VALUATION, TAXATION, AND MINERAL ECONOMICS.—II, (1 unit). Members of the department. Not given in 1943-1944.]
 [105. ADVANCED MINE ADMINISTRATION.—II, (1 unit). Members of the department. Not given in 1943-1944.]

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. S, I, and II, (3). *Prerequisite*: Chemistry 4, 5, or 6; Physics 1b, 3b; junior standing. Professor WALKER, Assistant Professor FORSYTH.
2. PRINCIPLES OF METALLURGY.—Ores, fluxes, slags, metallurgical processes, types of furnaces, fuels. S and II, (3). *Prerequisite*: Registration in Ceramic Engineering 21 and Chemistry 48a. Mr. RICKETTS.
3. FIRE ASSAYING.—Fire assaying of gold, silver, lead, and copper ores, mattes, and bullion; fluxes, slags, and charge calculations. S and II, (2). *Prerequisite*: Chemistry 22; Geology 20. Assistant Professor FORSYTH.
4. PHYSICAL METALLURGY.—Properties of metals and alloys as related to structure and treatment; constitutional diagrams; casting, shaping, and welding. S and II, (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. I, (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. I, (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. S and II, (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. S and II, (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. S and II, (3). *Prerequisite*: Metallurgy 6; Mining 9. Mr. RICKETTS.
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. I, (3). *Prerequisite:* Metallurgy 7, 8, 9. Professor WALKER, Mr. ECKEL.
11. ELECTROMETALLURGY.—Theory and application of electrical energy to metallurgy. Laboratory work in electro-refining, electric furnace operation and construction, electro-plating and welding. I, (3). *Prerequisite:* Metallurgy 9. Mr. RICKETTS.
- [12. METALLOGRAPHY.—For students in curricula other than metallurgical engineering. I, (3). *Prerequisite:* Metallurgy 1. Not given in 1943-1944. Assistant Professor FORSYTH.]
13. UTILIZATION OF FUELS.—The manufacture, handling, and utilization of fuels in mining and metallurgical practice; problems in combustion; laboratory work in fuel analysis. I, (3). *Prerequisite:* Chemistry 22; junior standing in engineering. Assistant Professor BOTTOMLEY.
- 13w. UTILIZATION OF FUELS.—An abbreviation of Metallurgy 13. I, (2). Assistant Professor FORSYTH.
25. METALLURGICAL TESTING AND INSPECTION OF METALS.—Polishing and etching of metal specimens; microscopic and macroscopic examination, photomicrography; interpretation of microstructures and macrostructures of metals and alloys; correlation of structures and physical properties; techniques of laboratory testing of metals. For women only. II, (2). Professor WALKER, Mr. RICKETTS.
41. METALLURGICAL DESIGN.—Application of engineering principles to the design of portions of a metallurgical plant; estimates of quantities and costs. S and II, (3). *Prerequisite:* Senior standing in metallurgical engineering. Assistant Professor FORSYTH.
42. METALLURGICAL DESIGN.—Continuation of Metallurgy 41. I, (2). *Prerequisite:* Metallurgy 41. Mr. RICKETTS.
- [97-98. THESIS.—Continuous through I and II, (1 to 3). *Prerequisite:* High standing and approval of head of department. Not given in 1943-1944. Members of the department.]
- [99. INSPECTION TRIP.—I, (no credit). *Prerequisite:* Senior standing. Not given in 1943-1944.]

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). Not given in 1943-1944. Professor WALKER, Assistant Professor BRUCKNER.]
- [102. ADVANCED PHYSICAL METALLURGY.—I, (1 unit). Not given in 1943-1944. Professor WALKER.]
103. ALLOY STEELS AND SPECIAL FERROUS ALLOYS.—I, (1 unit). Professor WALKER.
- [104. ADVANCED METALLOGRAPHIC TECHNIQUE.—I and II, (1 unit). Not given in 1943-1944. Professor WALKER.]

MUSIC

Professors: STIVEN (Director of the School of Music), HARDING (Director of Bands), VAN DEN BERG (Emeritus), SCHWARTZ (Emeritus), MILES.

Associate Professors: SCHOONMAKER, HILL, KESSLER, ROOSA, WATT.

Assistant Professors: BERESFORD (Emeritus), HAMP, BOWEN,¹ HINDSLEY,² BRANIGAN, FLETCHER, FOOTE, KITCHELL, SAWHILL, USRY.

Associates: DEMMING, SUTHERLIN,³ KUHN, COOK.

Instructors: PERCIVAL, COHEN, K. L. WILSON,² PETTINGA,³ ROBERTS,³ POTTER, G. E. WILSON, ALLEN, SCHROEPFER.

Assistants: STEWART.

¹Resigned. ²On leave of absence for war service.

³On leave of absence for the year.

Courses for Undergraduates

1. HISTORY OF MUSIC.—I, (2). *Prerequisite:* Sophomore standing. Associate Professor ROOSA.
2. HISTORY OF MUSIC.—S and II, (2). *Prerequisite:* Sophomore standing. Associate Professor ROOSA.
- 3a-3b. THEORY OF MUSIC.—Simple strict counterpoint, 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. S (3c only), and continuous through I and II, (1). *Prerequisite:* Consent of instructor. Miss PERCIVAL.
- 4a-4b. THEORY OF MUSIC.—Harmony and keyboard harmony. S, and continuous through I and II, (3). *Prerequisite:* Music 3b. Mr. POTTER; (S, Associate Professor KESSLER).
- 4c-4d. THEORY OF MUSIC.—Ear training and sight singing. S, and continuous through I and II, (1). *Prerequisite:* Music 3b. Miss PERCIVAL; (S, Associate Professor KESSLER, Mr. POTTER).
13. APPRECIATION OF MUSIC.—Opera. Primarily for students from the other colleges of the University. I and II, (2). Assistant Professor KITCHELL.
- 14a-14b. APPRECIATION OF MUSIC.—Symphonic poems, symphonies, and chamber music. S, I, and II, (2). Associate Professor WATT, Assistant Professor KITCHELL; (S, Assistant Professor BRANIGAN).
- 92c-93d. SUPPLEMENTARY BAND AND STRING INSTRUMENTS.—I and II, (2). Mr. KUHN, Mr. SCHROEFFER.

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; (S, Professor MILES).
- 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, (½). *Prerequisite:* Junior standing, or consent of instructor. Professor MILES, Associate Professors SCHOONMAKER and ROOSA, Assistant Professor SAWHILL, Miss WILSON, Mr. ALLEN; (S, Assistant Professor HAMP).
- 31a-31b. ENSEMBLE.—S, and continuous through I and II, (½). *Prerequisite:* Music 30b. Professor MILES, Associate Professors SCHOONMAKER and ROOSA, Assistant Professor SAWHILL, Miss WILSON, Mr. ALLEN; (S, Assistant Professor HAMP).
- 68a-68b. STRING INSTRUMENTS.—S, (1 or 2); continuous through I and II, (2). *Prerequisite:* Junior standing in music, or consent of instructor. Mr. KUHN; (S, Associate Professor ROOSA).
- 94c-94d. SUPPLEMENTARY BAND INSTRUMENTS.—I and II, (2). *Prerequisite:* Junior standing in music. Mr. SCHROEFFER.
- 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); continuous through I and II, (2). *Prerequisite:* Junior standing in music, or consent of instructor. Mr. SCHROEFFER; (S, 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, MUSICAL FORM.—S (10 only), and continuous through I and II, (2). *Prerequisite:* Music 4b. Associate Professor HILL.

- 11a-11b. COMPOSITION IN SMALLER FORMS.—S, and continuous through I and II, (2). *Prerequisite:* Junior standing in music. Professor MILES, Associate Professor KESSLER.
- [12a-12b. COMPOSITION IN LARGER FORMS.—Continuous through I and II, (4). *Prerequisite:* Senior standing in music. Not given in 1943-1944. Professor MILES, Associate Professor KESSLER.]
- 19a-20a. DOUBLE COUNTERPOINT, CANON, AND FUGUE.—S (20a only), and 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. S (28a only), and 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 (32 only), and continuous through I and II, (2). *Prerequisite:* Music 1 and 2. Associate 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.
- 52a-b, 52c-d, 53a-b, 53c-d. VOICE.—S, I, and II, (1 to 4). Assistant Professors HAMP and FOOTE, Miss COOK, Miss WILSON, Mrs. STEWART.
- 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.
- 92a-b, 93a-b. BAND AND ORCHESTRAL INSTRUMENTS.—I and II, (2 to 3). Assistant Professor SAWHILL, 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, ($\frac{1}{2}$ unit). Associate Professor KESSLER.
- [101a-101b. CHROMATIC AND MODERN HARMONY.—I and II, ($\frac{1}{2}$ unit). Not given in 1943-1944. Associate Professor KESSLER.]
- [105a-105b. ADVANCED COMPOSITION.—I and II, (1 unit). Not given in 1943-1944. Professor MILES, Associate Professor KESSLER.]
- 106a-106b. ADVANCED INSTRUMENTATION.—S, I, and II, ($\frac{1}{2}$ to 1 unit). Professor HARDING, Associate Professor KESSLER.
110. INSTRUMENTAL MUSIC OF THE EIGHTEENTH CENTURY.—S and I, (1 unit). Associate Professor HILL.
111. THE SONATA.—II, (1 unit). Associate Professor HILL.
- [112a-112b. BEETHOVEN.—I and II, (1 unit). Not given in 1943-1944. Associate Professor HILL.]
- 120a-120b. RESEARCH IN SPECIAL FIELDS.—S, I, and II, (1 to 2 units). Professors STIVEN, HARDING, and MILES, Associate Professors HILL and 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, ($\frac{1}{2}$ to 1 unit). Professor HARDING.
- [142a-142b. PIANO LITERATURE.—I and II, ($\frac{1}{2}$ to 1 unit). Not given in 1943-1944. Associate Professor SCHOONMAKER.]
- 152a-152b. VOCAL LITERATURE.—S, I, and II, ($\frac{1}{2}$ to 1 unit). Assistant Professor FOOTE; (S, Assistant Professor HAMP).
- 162a-162b. STRING INSTRUMENTS LITERATURE.—I and II, ($\frac{1}{2}$ to 1 unit). Associate Professor ROOSA.
- [182a-182b. ORGAN LITERATURE.—I and II, ($\frac{1}{2}$ to 1 unit). Not given in 1943-1944. Professor MILES.]

PHILOSOPHY

Professors: MURPHY (Head of the Department), McCLURE, TAWNEY (Emeritus), BLACK, GOTSHALK.

Associate Professors: NICHOLSON.

Assistant Professors: NEGLEY,¹ 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.

¹On leave of absence for war service.

Courses for Undergraduates

NOTE:—Division of General Studies 7b (Philosophy and Psychology) may be substituted for Philosophy 1 wherever the latter constitutes a prerequisite.

1. INTRODUCTION TO PHILOSOPHY.—S, I, and II, (3). *Prerequisite:* Sophomore standing. Professors MURPHY and GOTSHALK, Associate Professor NICHOLSON.
2. LOGIC.—Reasoning; detection of fallacies, evidence. S, I, and II, (3). *Prerequisite:* Sophomore standing. Professor BLACK, Assistant Professor WILL; (S, Associate Professor NICHOLSON).
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.—S, and 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; (S, Associate Professor NICHOLSON, Assistant Professor WILL).
- [9. PHILOSOPHY OF LAW AND OF THE STATE.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Not given in 1943-1944. 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. Professor GOTSHALK.
- [13. ETHICS AND VALUE THEORY.—I, (3). *Prerequisite:* One course in philosophy; junior standing. Not given in 1943-1944. 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 1943-1944.]
- [17. SYMBOLIC LOGIC.—I, (3). *Prerequisite:* Junior standing. Not given in 1943-1944. Professor BLACK.]
- [18. PHILOSOPHICAL IDEAS: ROUSSEAU TO BERGSON.—II, (3). *Prerequisite:* One course in philosophy, or consent of instructor; junior standing. Not given in 1943-1944. Professor MURPHY.]
- [21. THEORY OF KNOWLEDGE.—II, (3). *Prerequisite:* One course in philosophy; junior standing. Not given in 1943-1944. Assistant Professor WILL.]
22. AMERICAN PHILOSOPHY.—S and II, (3). *Prerequisite:* One course in philosophy; junior standing. Professor MURPHY.
- [23. THE PHILOSOPHY OF PLATO.—II, (3). *Prerequisite:* Philosophy 1 or 3; junior standing. Not given in 1943-1944. 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 1943-1944.]
- [105. SEVENTEENTH CENTURY CONTINENTAL THOUGHT.—II, (1 unit). Not given in 1943-1944. Professor GOTSHALK.]

- [106. BRITISH EMPIRICISM (HOBBS, LOCKE).—I, (1 unit). Not given in 1943-1944. Assistant Professor WILL.]
- [108. PLATO.—I, (1 unit). Not given in 1943-1944. Professor McCLURE.]
- [112. GERMAN IDEALISM (KANT).—II, (1 unit). Not given in 1943-1944. Professor GOTSHALK.]
- [114. RECENT LOGICAL THEORY: LOGICAL SYNTAX AND SEMANTICS.—II, (1 unit). Not given in 1943-1944. Professor BLACK.]
- [119. SEMINAR IN ANCIENT PHILOSOPHY.—I, (1 unit). Not given in 1943-1944.]
- [120. SEMINAR IN MODERN PHILOSOPHY.—II, (1 unit). Not given in 1943-1944. Professor McCLURE.]
- [124a-124b. CONTEMPORARY PROBLEMS.—I and II, (1 unit). Not given in 1943-1944. Professors MURPHY and BLACK.]

PHYSICAL EDUCATION

Professors: STALEY (Director of the School), STAFFORD, BEARD.

Associate Professors: CURETON.

Courses for Undergraduates

(Open to both men and women)

71. SAFETY EDUCATION.—Safety problems; traffic, home, industrial, agricultural, school, and sports safety; driver education; technic of teaching safety in elementary and secondary schools. I, (2). *Prerequisite:* Sophomore standing. Professor STAFFORD.

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. II, (1 unit). Professor STALEY.
32. PROBLEMS IN SCHOOL HEALTH.—School sanitation; health examinations, control of communicable diseases; duties of doctors, nurses, and teachers; mental hygiene; organization of school health program; elementary school and high school instruction in health; methods of teaching health. S and I, (1 unit). Professor STAFFORD.
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 1943-1944. Professor BEARD.]
103. PROBLEMS IN SAFETY EDUCATION.—Principles of safety education; need for safety education; safety as a problem in social planning; methods of teaching safety; organization, administration, and evaluation of safety programs. S and II, (1 unit). Professor STAFFORD.

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.
109. RESEARCH.—Research in physical education, health education, safety education, athletic coaching, recreation, and camping. S, I, and II, ($\frac{1}{2}$ to 2 units). Professors STALEY and STAFFORD, Associate Professor CURETON.

PHYSICAL EDUCATION FOR MEN

Professors: STALEY (Head of the Department), ZUPPKE (Emeritus), STAFFORD.

Associate Professors: CURETON.

Assistant Professors: JACKSON, PRICE,¹ KENNEY,¹ DANIELS,¹ ELIOT, CRAIG,¹ MILLS, LAW.

Associates: GILL (Emeritus), MANLEY, ROETTGER, L. T. JOHNSON, PATERSON.

Instructors: TREECE,¹ FLORIO,¹ CHAPMAN,¹ BRAUN,¹ FLETCHER, R. H. JOHNSON, KLINGEL,¹ BAER, HUFFMAN, WELSER, SENN, JONES, CROSSLEY, ANDERSON, ANGUS, V. L. BROWN, CLAPP, HEYLIGER, OSBORN, WYETH, BIRDZELL.

Assistants: KIREILIS, BLAZINE, STRELL, NOVAK, ALLEN, BEYER,² SCHEIWE,³ SWANSON, BREWER, CLARK, DELANEY, LOVERDE, THOMPSON, WALLER.

Research Assistants: LATHAM.

Cooperating: Mr. J. W. RAUSHENBERGER, Mr. J. R. SHIPLEY.

Summer of 1943 but not in current year: W. W. BROWN.

General Courses for Undergraduates

- 20a, 20b, 20c, 20d. ADAPTED SPORTS.—S, I, and II, (1). Assistant Professors JACKSON and LAW, Mr. ANDERSON, Mr. CLAPP, Mr. ALLEN.
- 21a, 21b, 21c, 21d. SPECIAL SPORTS.—S, (1). Assistant Professors JACKSON and LAW, Mr. ANDERSON, Mr. CLAPP, Mr. ALLEN.
- [22. BADMINTON.—I and II, (1). Not given in 1943-1944.]
- [23. VOLLEYBALL.—I and II, (1). Not given in 1943-1944.]
24. BEGINNING SWIMMING.—S, I, and II, (1). Mr. MANLEY.
25. INDIVIDUAL TUMBLING.—S and II, (1). Mr. WELSER.
- [26. DOUBLE TUMBLING.—I and II, (1). Not given in 1943-1944.]
27. APPARATUS STUNTS.—S, I, and II, (1). Mr. WELSER.
28. BOXING.—I and II, (1). Mr. STRELL, Mr. THOMPSON.
29. WRESTLING.—S, I, and II, (1). Mr. THOMPSON; (S, Assistant Professor LAW).
- [30. FOIL FENCING.—I and II, (1). Not given in 1943-1944.]
31. SOCCER.—S, I, and II, (1). Mr. CLARK.
- [32. GOLF.—I, (1). Not given in 1943-1944.]
33. TENNIS.—S and I, (1). Mr. V. L. BROWN; (S, Mr. HEYLIGER).
34. SOFTBALL.—S, (1). Mr. JONES.
- [37. INDIVIDUAL ATHLETICS.—I and II, (1). Not given in 1943-1944.]
- [38. CIRCUS STUNTS.—I and II, (1). Not given in 1943-1944.]
- [39. ADVANCED CIRCUS STUNTS.—I and II, (1). Not given in 1943-1944.]
41. ADVANCED SWIMMING.—S, (1). *Prerequisite:* Ability to swim 100 yards, using two different strokes. Mr. BAER.
42. LIFE SAVING.—S, I, and II, (1). *Prerequisite:* Ability to swim 100 yards, using two different strokes. Mr. MANLEY; (S, Mr. KIREILIS).
- [43. TOUCH FOOTBALL AND ICE HOCKEY.—I and II, (1). Not given in 1943-1944.]
44. HANDBALL.—I and II, (1). Mr. ROETTGER, Mr. V. L. BROWN.
- [45. SQUASH.—I, (1). Not given in 1943-1944.]

¹On leave of absence for war service.

²First semester.

³Resigned.

- [46. ARCHERY.—I, (1). Not given in 1943-1944.]
 [47. SABRE AND EPEE FENCING.—I, (1). *Prerequisite*: Physical Education for Men 30. Not given in 1943-1944.]
 [48. BOWLING.—I, (1). Not given in 1943-1944.]
 [51. WATER POLO AND DIVING.—I, (1). *Prerequisite*: Ability to swim 100 yards, using two different strokes. Not given in 1943-1944.]
 53. WEIGHT LIFTING.—S, I, and II, (1). Mr. V. L. BROWN; (S, Assistant Professor LAW.)
 [54. AMERICAN SQUARE DANCE.—I, (1). Not given in 1943-1944.]
 55. SIX-MAN FOOTBALL.—S and I, (1). Mr. BEYER.
 56. PERSONAL DEFENSE ACTIVITIES.—S, I, and II, (1). Assistant Professor LAW, Mr. THOMPSON.
 57. WARFARE AQUATICS.—S and I, (1). *Prerequisite*: Ability to swim 440 yards. Mr. KIREILIS.
 60. BASIC PHYSICAL FITNESS.—S, I, and II, (1). Mr. HUFFMAN.
 62. MILITARY ATHLETICS.—S, I, and II, (1). Mr. V. L. BROWN, Mr. KIREILIS, Mr. RAUSHENBERGER.

Professional Courses for Undergraduates

1. BEGINNING BASKETBALL.—Theory and practice of fundamentals. S and II, (2). Mr. ROETTGER.
2. GYMNASTICS.—Theory and practice of tumbling, apparatus stunts, calisthenics, marching, etc. I, (2). Mr. WELSER.
3. THEORY OF COACHING.—S and I, (3). *Prerequisite*: Senior standing. Assistant Professor MILLS.
4. BEGINNING FOOTBALL.—Theory and practice of fundamentals. S and II, (2). Assistant Professor ELIOT; (S, Mr. FLETCHER).
5. THEORY OF PRESCRIBING SPORTS.—Theory of prescribing and directing sports programs for the physically handicapped. II, (2). *Prerequisite*: Junior standing. Professor STAFFORD.
- [6. WRESTLING, BOXING, FENCING.—I, (2). *Prerequisite*: Junior standing. Not given in 1943-1944.]
7. TRAINING AND FIRST AID.—S, (2). *Prerequisite*: Senior standing. Assistant Professor W. W. BROWN.
- [8. BASEBALL.—I, (2). *Prerequisite*: Junior standing. Not given in 1943-1944. Mr. ROETTGER.]
- [9. SCHOOL PROGRAM IN HEALTH.—I, (3). *Prerequisite*: Junior standing. Not given in 1943-1944. Professor STAFFORD.]
11. SWIMMING.—Swimming, diving, and water sports. S and II, (2). *Prerequisite*: Sophomore standing. Mr. KIREILIS.
12. TRACK AND FIELD.—I, (2). Mr. L. T. JOHNSON.
13. PROGRAM IN EXTRACURRICULAR SPORTS.—Organization and conduct of the program in interscholastic sports, intramural sports, and noon-hour recreation. I, (3). *Prerequisite*: Senior standing. Mr. JONES.
14. DANCE AND SOCIAL ACTIVITIES.—II, (2). *Prerequisite*: Sophomore standing. Mr. L. T. JOHNSON.
- [15. OUTDOOR RECREATIONAL SPORTS.—I and II, (2). *Prerequisite*: Sophomore standing. Not given in 1943-1944.]
- [16. HISTORY OF SPORT.—I, (2). *Prerequisite*: Senior standing. Not given in 1943-1944.]
18. CURRICULUM IN SPORTS.—Organization and conduct of an effective sports curriculum for the elementary school, junior high school, and senior high school. II, (3). *Prerequisite*: Senior standing. Assistant Professor JACKSON.
- [19. RECREATIONAL LEADERSHIP.—II, (3). *Prerequisite*: Junior standing. Not given in 1943-1944. Assistant Professor JACKSON.]
70. PROFESSIONAL ORIENTATION.—Scope of physical education, health education, safety education, athletic coaching, recreation, and camping. S and I, (2). Mr. R. H. JOHNSON.
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.—I, (3). *Prerequisite*: Senior standing. Not given in 1943-1944.]
- [74. HEALTH EDUCATION.—II, (3). *Prerequisite*: Junior standing. Not given in 1943-1944. Professor STAFFORD.]
75. MILITARY PHYSICAL TRAINING.—Theory and practice of physical training activities used in army, navy, and high school victory corps programs. S, (1). Mr. R. H. JOHNSON.
- [76. PHILOSOPHY OF RECREATION.—I, (3). *Prerequisite*: Junior standing. Not given in 1943-1944.]
- [77. INDOOR RECREATIONAL SPORTS.—I and II, (2). *Prerequisite*: Sophomore standing. Not given in 1943-1944.]
- [78. ADVANCED FOOTBALL.—II, (2). *Prerequisite*: Junior standing. Not given in 1943-1944.]
- [79. ADVANCED BASKETBALL.—II, (2). *Prerequisite*: Junior standing. Not given in 1943-1944.]
- [80. PHYSICAL FITNESS PROGRAMS.—S, (2). Not given in 1943-1944.]
- [99. INSPECTION TRIP.—Required for graduation. II, (no credit). *Prerequisite*: Junior standing. Not given in 1943-1944.]

PHYSICAL EDUCATION FOR WOMEN

Professors: FREER (Head of the Department).

Assistant Professors: LAWSON, ROBERTSON, HUELSTER.

Associates: ANDREWS, SCHNAUBER,¹ WEIGT.

Instructors: THOMAS,² KIRK, HOUSTON, GLEDHILL,² RAWLINGS, CHAMBERLIN.

Summer of 1943 but not in current year: RUTH I. HOOVER.

General Courses for Undergraduates

51. ELEMENTARY RHYTHMS.—S, I, and II, (1). Miss WEIGT.
52. INTERMEDIATE RHYTHMS.—II, (1). Miss WEIGT.
- [53. SOCIAL DANCING.—I and II, (1). Not given in 1943-1944.]
54. ADVANCED SWIMMING AND DIVING.—I, (1). *Prerequisite*: Physical Education for Women 76, or equivalent. Mrs. THOMAS.
55. LIFE SAVING.—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.
58. TEAM GAMES.—Archery, badminton, basketball, exercises, field and track, golf, riding, softball, speedball, volleyball. S, I, and II, (1). Assistant Professors ROBERTSON and HUELSTER, Miss HOUSTON, Miss KIRK, Miss CHAMBERLIN.
59. BOWLING.—I and II, (1). Miss KIRK, Miss HOUSTON.
60. INDIVIDUAL AND DUAL SPORTS.—Archery, badminton, golf, gymnastics, riding. S, I, and II, (1). Assistant Professor LAWSON; (S, Assistant Professors ROBERTSON and HUELSTER).
- [61. FENCING.—I and II, (1). Not given in 1943-1944.]
65. EXERCISES FOR FITNESS.—I and II, (1). Assistant Professor ROBERTSON.
- [66. ELECTIVE ATHLETIC ACTIVITIES.—Participation in Woman's Athletic Association sports; registration on recommendation of department. I, (1). Not given in 1943-1944.]
72. FUNDAMENTALS OF MOTOR FITNESS.—I and II, (1). Assistant Professors LAWSON and ROBERTSON, Miss HOUSTON.
- S72. GYMNASTICS.—Exercises in rhythm, for development of strength, flexibility, and coordination. S, (1). Assistant Professor LAWSON.

¹On leave of absence for war service.

²Resigned.

- [73. TENNIS AND SKATING.—I and II, (1). Not given in 1943-1944. Assistant Professor ROBERTSON.]
74. ELEMENTARY SWIMMING.—S, I, and II, (1). Mrs. RAWLINGS, Mrs. THOMAS; (S, Miss HOOVER).
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. THOMAS; (S, Miss HOOVER).
76. INTERMEDIATE SWIMMING.—S, I, and II, (1). Mrs. RAWLINGS, Mrs. THOMAS; (S, Miss HOOVER).
77. ELEMENTARY TAP DANCING.—II, (1). Assistant Professor HUELSTER.
78. AMERICAN SQUARE DANCE.—S, I, and II, (1). Miss ANDREWS.
79. ELEMENTARY FOLK DANCING.—I and II, (1). Assistant Professor ROBERTSON.

Professional Courses for Undergraduates

62. RHYTHMS.—II, (3). *Prerequisite*: Junior standing. Miss ANDREWS.
- 70a-70b. PHYSICAL EDUCATION PRACTICE.—Hockey, basketball, softball, and rhythms. In addition to practice in these sports, the first semester includes orientation lectures and discussions. I and II, (2). *Prerequisite*: Freshman standing. Assistant Professors ROBERTSON and HUELSTER, Miss WEIGT, Miss HOUSTON.
- 71a-71b. PHYSICAL EDUCATION PRACTICE.—Tap dancing, folk dancing, soccer, tennis, gymnastics, and apparatus. I and II, (2). *Prerequisite*: Sophomore standing. Assistant Professors ROBERTSON and HUELSTER, Miss HOUSTON.
80. RECREATION AND CAMP LEADERSHIP.—II, (2). *Prerequisite*: Sophomore or junior standing, or consent of instructor. Professor FREER, Miss KIRK.
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.—Badminton, golf, social dancing. I, (1). *Prerequisite*: Junior standing. Miss ANDREWS.
- [84. PHYSIOTHERAPY.—I and II, (2). *Prerequisite*: Senior standing. Not given in 1943-1944.]
- [85. PAGEANTRY AND FESTIVALS.—I, (2). *Prerequisite*: Senior standing. Not given in 1943-1944.]
86. COMPARATIVE PHYSICAL EDUCATION.—I, (2). *Prerequisite*: Sophomore standing. Professor FREER.
- S87. ADMINISTRATION OF A PHYSICAL EDUCATION PROGRAM FOR HIGH SCHOOL GIRLS.—S, (2). Assistant Professors LAWSON and ROBERTSON.
- S88. MOTOR FITNESS.—S, (2). Assistant Professor HUELSTER.
90. ORGANIZATION AND ADMINISTRATION.—II, (2). *Prerequisite*: Senior standing. Professor FREER.
91. DANCE COMPOSITION.—Theory and technic of dance compositions involving use of musical form, percussion, pre-classic dance forms, and modern dance. S and II, (2). Miss WEIGT.
- 93a-93b. PHYSICAL EDUCATION PRACTICE.—Speedball, volleyball, tennis, golf, archery, modern dance. I and II, (1). *Prerequisite*: Senior standing. Assistant Professors LAWSON and HUELSTER, Miss KIRK.
- 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. I and II, (3). *Prerequisite*: Junior standing. Assistant Professor HUELSTER.
97. TESTS AND MEASUREMENTS.—I, (3). *Prerequisite*: Junior or senior standing. Assistant Professor HUELSTER.
98. THEORY OF INDIVIDUAL AND REMEDIAL GYMNASTICS.—I, (3). *Prerequisite*: Senior standing. Miss GLEDHILL, Mrs. RAWLINGS.
99. SCHOOL HEALTH AND FIRST AID.—Teaching of health in elementary and high schools. Lectures and discussion. American Red Cross Standard Course in First Aid. S, (2); II, (3). *Prerequisite*: Senior standing. Assistant Professor LAWSON, Miss HOUSTON.

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: LOOMIS¹ (Head of the Department), KRUGER (Acting Head of the Department), CARMAN (Emeritus), KNIPP (Emeritus), WATSON (Emeritus), ALMY, KERST.²

Associate Professors: SCHULZ (Emeritus), WILLIAMS, PATON, BARTLETT, MOTT-SMITH,¹ SERBER,¹ GOLDHABER.

Assistant Professors: RICHARDSON,¹ HAWORTH,¹ MANLEY,¹ BOLT.¹

Associates: LYMAN,¹ PHILLIPS.

Instructors: NYE, GROETZINGER, NELSON,² SCHWARZ, BALDWIN,² MUEHLHAUSE, WELTON, ARVIN, KLAIBER, OGLE, HATCH, RICE.

Assistants: ARNETT, SCHULZ, ANDERSON, BLOEM,² KLONTZ,² KRONE, LAUGHLIN, McELHINNEY, PYLE,² SUNYAR, WHITE,² ARON,² LOWRY, J. A. PHILLIPS, WYMAN, HOVORKA,² L. W. SMITH, BECK, FREUNDLICH, GRIFFITH, KANTZ,² SCAG,² SCHOOF, L. SMITH, GILBERT,² GOODELL.³

Research Assistants: TEMPLIN.

Summer of 1943 but not in current year: R. M. HADLEY, J. D. ROUGH, Mrs. ROSALYN S. YALOW.

Requirements for L.A.S. Students

Major: 20 hours from courses offered in this department.

Minors: 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, mathematics, or any one branch of engineering.

Introductory Courses for Undergraduates

NOTE:—For undergraduate students taking advanced work or a major in physics, the following courses are suggested. Freshman year: Trigonometry and analytic geometry. Sophomore year: Physics 1a-1b, 3a-3b, and calculus. Junior year: Physics 20, 40, 60, 62. Senior year: Physics 71, 72, 80, 81.

Physics 7a-7b and 8a-8b are recommended to students not specializing in physics, mathematics, chemistry, or engineering.

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. The calculus prerequisite may be satisfied either by Mathematics 7 and 9 or by Mathematics 8a-8b.

1a. GENERAL PHYSICS (MECHANICS, SOUND, AND HEAT).—Lectures with demonstrations and recitations. For students in engineering, mathematics, physics, and chemistry. S and I, (4). *Prerequisite:* Mathematics 2 and 4; registration in Physics 3a. Dr. MUEHLHAUSE; (S, Professor KRUGER); and others.

1b. GENERAL PHYSICS (ELECTRICITY, MAGNETISM, AND LIGHT).—S and II, (4). *Prerequisite:* Physics 1a; registration in Physics 3b. Dr. MUEHLHAUSE; (S, Dr. BALDWIN); and others.

¹On leave of absence for war service.

²Resigned.

³First semester.

- 3a. GENERAL PHYSICS LABORATORY.—To accompany Physics 1a. S and I, (1). *Prerequisite*: Physics 1a, or registration therein. Dr. MUEHLHAUSE and others.
- 3b. GENERAL PHYSICS LABORATORY.—To accompany Physics 1b. S and II, (1). *Prerequisite*: Physics 1b, or registration therein. Dr. MUEHLHAUSE; (S, Dr. WELTON); and others.
- 7a. GENERAL PHYSICS (MECHANICS, SOUND, AND HEAT).—Lectures with demonstrations and recitations. For students in arts and sciences, and architecture. S and II, (4). *Prerequisite*: Trigonometry; registration in Physics 8a. Associate Professor PATON and others.
- 7b. GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).—I, (4). *Prerequisite*: Physics 7a; registration in Physics 8b. Associate Professor PATON and others.
- 8a. GENERAL PHYSICS LABORATORY.—To accompany Physics 7a. S and II, (1). *Prerequisite*: Physics 7a, or registration therein. Associate Professor PATON and others.
- 8b. GENERAL PHYSICS LABORATORY.—To accompany Physics 7b. I, (1). *Prerequisite*: Physics 7b, or registration therein. Associate Professor PATON and others.
10. INTRODUCTION TO GENERAL PHYSICS.—S, (4). Limited to women with Pratt and Whitney scholarships. Dr. NYE.

Courses for Advanced Undergraduates and Graduates

- [S1r. PHYSICS REFRESHER COURSE (I).—S, (4). *Prerequisite*: General physics, trigonometry, algebra, geometry, and calculus. Not given in 1943.]
- S2r. PHYSICS REFRESHER COURSE (II).—S, (4). *Prerequisite*: Physics S1r. Dr. KLAIBER.
- [S12. ELEMENTARY MECHANICS.—S, (3). *Prerequisite*: General physics. Not given in 1943.]
- [15. ELEMENTARY ELECTRICITY AND MAGNETISM.—II, (3). *Prerequisite*: General physics. Not given in 1943-1944. Associate Professor WILLIAMS.]
16. ELEMENTARY HEAT.—Temperature measurement, pyrometry, radiation, heat flow, thermal stresses, calorimetry, and elementary thermodynamics. S, (3). *Prerequisite*: General physics. Associate Professor PATON.
- [17. ELEMENTARY LIGHT.—For students in non-technical courses who wish a knowledge of light beyond the course in general physics. I, (3). *Prerequisite*: General physics. Not given in 1943-1944.]
- 20a. THEORETICAL MECHANICS.—Statics; dynamics of particles. Lectures and problems. S and II, (3). *Prerequisite*: General physics and calculus. Dr. WELTON.
- 20b. THEORETICAL MECHANICS (CONTINUED).—Dynamics of rigid bodies; generalized coordinates and LaGrange's equations; vibrations of systems of particles, with electrical analogies. I, (3). *Prerequisite*: Physics 20a. Dr. WELTON.
- [S20t. ADVANCED GENERAL PHYSICS.—Especially for high school teachers. S, (3). *Prerequisite*: General physics and calculus. Not given in 1943.]
- [S21q. RECENT ADVANCES IN PHYSICS.—S, (1/2). Not given in 1943. Professor KRUGER.]
- [23. ELEMENTARY SOUND.—I, (3). *Prerequisite*: General physics. Not given in 1943-1944.]
- [25. ARCHITECTURAL ACOUSTICS.—II, (2). *Prerequisite*: General physics. Not given in 1943-1944.]
30. INTRODUCTION TO THEORETICAL ELECTRICITY.—Laws of electrostatics, magnetism, electric and magnetic circuits, induced currents, alternating currents, oscillations, and thermionic tubes. Lectures and problems. S and I, (3). *Prerequisite*: General physics and calculus. Associate Professor WILLIAMS.
- [S30t. ADVANCED GENERAL PHYSICS.—Specially for high school teachers. S, (3). *Prerequisite*: General physics and calculus. Not given in 1943.]
- 40a. ELECTRICITY AND MAGNETISM.—The electric field, theory of dielectrics, solutions of Poisson's and Laplace's equations, magnetostatics, steady current theory. Fundamental electrostatic, resistance bridge measurements, and potentiometer experiments. S and II, (3). *Prerequisite*: General physics and calculus. 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. I, (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.
- 46a. VACUUM TUBES.—S and I, (3). *Prerequisite:* Physics 40a-40b, or consent of instructor. Dr. GROETZINGER.
- 46b. VACUUM TUBES (CONTINUED).—I and II, (3). *Prerequisite:* Physics 46a. Dr. GROETZINGER.
60. HEAT AND THERMODYNAMICS.—Heat phenomena, mechanical theory of heat, thermodynamics. Lectures and recitations. I, (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 1943-1944. Associate Professor GOLDHABER.]
- 71a. LIGHT.—Geometrical and physical optics; the electro-magnetic theory of light. Lectures and recitations. S and II, (2). *Prerequisite:* General physics and calculus. Dr. NYE.
- 71b. LIGHT (CONTINUED).—I, (2). *Prerequisite:* Physics 71a. Dr. NYE.
- 72a. LIGHT LABORATORY.—Lenses and prisms, diffraction, interference, polarization. S and II, (2). *Prerequisite:* Registration in Physics 71a. Dr. NYE.
- 72b. LIGHT LABORATORY (CONTINUED).—Spectroscopy and photographic photometry. I, (2). *Prerequisite:* Registration in Physics 71b. Dr. NYE.
- [73. PHOTOGRAPHY.—II, (3). *Prerequisite:* General physics; consent of instructor. Not given in 1943-1944. Dr. SCHWARZ.]
- [80. ATOMIC PHYSICS.—I, (3). *Prerequisite:* General physics and calculus. Not given in 1943-1944. Professor KRUGER.]
- [81. RADIOACTIVITY AND NUCLEAR PHYSICS.—II, (3). *Prerequisite:* Physics 80. Not given in 1943-1944. Professor KRUGER.]
- 97-98. THESIS.—S and II, (3). *Prerequisite:* Senior standing and approval of head of department. Professors in the department.

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 1943-1944.]
- 122a-122b. DYNAMICS.—I and II, (1 unit). 122b not given in 1943-1944. Associate Professor GOLDHABER.
- [123. ACOUSTICS.—II, (1 unit). Not given in 1943-1944.]
- [127a-127b. RELATIVITY.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
128. PROBLEMS AND METHODS OF THEORETICAL PHYSICS.—S and II, (1 unit). Associate Professor BARTLETT.
- 146a-146b. ELECTRODYNAMICS.—S (146b only), I, and II, (1 unit). Dr. NYE; (S, Associate Professor BARTLETT).
- [160. THERMODYNAMICS.—I, (1 unit). Not given in 1943-1944.]
163. STATISTICAL MECHANICS.—I, (1 unit). Associate Professor BARTLETT.
- [170a-170b. ADVANCED PHYSICAL OPTICS.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- 181a-181b. QUANTUM MECHANICS.—I and II, (1 unit). Associate Professor BARTLETT.
- [182. CONDUCTION OF ELECTRICITY THROUGH GASES.—I, (1 unit). Not given in 1943-1944.]
- 183a-183b. NUCLEAR PHYSICS.—S (183b only), I, and II, (1 unit). Associate Professor GOLDHABER.
184. LINE SPECTRA AND ATOMIC STRUCTURE.—S and II, (1 unit). Associate Professor GOLDHABER.
- [185. BAND SPECTRA AND MOLECULAR STRUCTURE.—II, (1 unit). Not given in 1943-1944.]
- [186a-186b. ADVANCED QUANTUM MECHANICS.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
190. RESEARCH.—S, I, and II, (1 to 3 units). Professors in the department.
- 191a-191b. MODERN LABORATORY PRACTICE.—S (191a only), I, and II, (1 unit). Professor KRUGER; (S, Dr. PHILLIPS).

198. SEMINAR.—S and II, (1 to 2 units). Professors in the department.
 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: BERDAHL¹ (Chairman of the Department), FAIRLIE (Emeritus),² MATHEWS,³ KNEIER,⁴ WILSON,⁵ MOSSÉ.⁶

Associate Professors: SNIDER.

Assistant Professors: HAGAN,⁷ JOBST.⁴

Associates: MANNER, SIBLEY.

Assistants: HOLLAND,⁴ WALL.⁶

Cooperating: Dr. N. F. GARVEY.⁶

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 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 MATHEWS and WILSON, Dr. SIBLEY, Dr. GARVEY.
- 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. S, I, and II, (3). *Prerequisite:* Sophomore standing; Political Science 1a, or consent of the department. Associate Professor SNIDER (in charge), Dr. SIBLEY, Dr. MANNER, Mrs. WALL.
- [16. GOVERNMENT IN ILLINOIS.—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. Not given in 1943-1944. 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.

¹On leave of absence beginning May 1, 1944.

²On leave of absence second semester.

³Acting Chairman beginning May 1, 1944.

⁴On leave of absence for the year.

⁵Recalled for active service first semester.

⁶On leave of absence for war service.

⁷Second semester.

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. S, I, and II, (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Dr. MANNER.
- [7. AMERICAN FOREIGN RELATIONS.—II, (2). *Prerequisite:* Junior standing with six hours of political science. Not given in 1943-1944. Professor MATHEWS.]
8. INTERNATIONAL ORGANIZATION.—Early projects of international federation; administrative commissions; international congresses; international legislation; efforts at world organization; League of Nations. I, (3). *Prerequisite:* Junior standing. Professor BERDAHL.
- [9. PRINCIPLES OF JURISPRUDENCE.—II, (3). *Prerequisite:* Political Science 1a, or equivalent; junior standing. Not given in 1943-1944. 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 1943-1944.]
- [12a-12b. PUBLIC ADMINISTRATION.—I and II, (3). *Prerequisite:* Political Science 1a; junior standing. Not given in 1943-1944.]
- [13. GOVERNMENT AND THE ECONOMIC ORDER.—I, (3). *Prerequisite:* Senior standing, or junior standing with five hours of political science or economics or both. Not given in 1943-1944.]
- [14a. POLITICAL PARTIES: PARTY HISTORY AND ISSUES.—I, (3). *Prerequisite:* Junior standing. Not given in 1943-1944. 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 1943-1944.]
21. BRITISH GOVERNMENT.—The Crown, Cabinet, House of Commons, and House of Lords; party system; courts of law; local government; colonies and self-governing dominions. I, (2). *Prerequisite:* Senior standing, or junior standing with six hours of political science. 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. Dr. SIBLEY.
- [28. CURRENT GOVERNMENTAL PROBLEMS.—II, (3). *Prerequisite:* Junior standing with six hours of political science. Not given in 1943-1944.]
32. PRINCIPLES OF POLITICAL SCIENCE.—II, (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Professor WILSON.
33. CONTEMPORARY POLITICAL THEORY.—I, (3). *Prerequisite:* Senior standing, or junior standing with six hours of political science. Professor WILSON.
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. Professor WILSON.

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 1943-1944.]
- 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 1943-1944.]
- [105. CONSTITUTIONAL LAW.—Research in selected topics. I, (1 unit). Not given in 1943-1944. Professor MATHEWS.]
- [106. INTERNATIONAL LAW.—Research in selected topics. I and II, (1 unit). Not given in 1943-1944.]
- [107. FOREIGN RELATIONS OF THE UNITED STATES.—II, (1 unit). Not given in 1943-1944. Professor MATHEWS.]
- [108. PROBLEMS OF INTERNATIONAL ORGANIZATION.—I and II, (1 unit). Not given in 1943-1944. Professor BERDAHL.]
- [111. GOVERNMENT AND THE ECONOMIC ORDER.—I, (1 unit). Not given in 1943-1944.]
- [112. PROBLEMS IN PUBLIC ADMINISTRATION.—Special topics. I, (1 unit). Not given in 1943-1944.]
- [113. STATE GOVERNMENT.—I, (1 unit). Not given in 1943-1944. Professor MATHEWS.]
- [114. POLITICAL PARTIES.—II, (1 unit). Not given in 1943-1944. Professor BERDAHL.]
- [121. PROBLEMS IN BRITISH GOVERNMENT.—I, (1 unit). Not given in 1943-1944.]
128. CONTEMPORARY GOVERNMENTAL PROBLEMS.—S, (1 unit). Professor WILSON.

PSYCHOLOGY

Professors: WOODROW (Head of the Department), YOUNG, HIGGINSON.

Associate Professors: ANDERSON.

Assistant Professors: PENNINGTON,¹ HARRELL,¹ McALLISTER, JOHNSON, CARLSON.

Associates: LARSEN, McQUITTY,¹ COWLES,¹ GILBERT, McGEHEE, RAPPARLIE,² BERG, FISCHER.

Assistants: SIMRALL, HANER, VON FOSSEN.

Clinical Assistants: JANKE.

Research Assistants: MAISNER.

Requirements for L.A.S. Students

Major: 20 hours chosen from courses offered in this department, excluding Psychology 1. At least eight hours must be taken in the advanced groups of courses.

Minors: 20 hours chosen from one or two of the following subjects: education, mathematics, philosophy, physiology, sociology, and zoology. At least eight hours must be taken in each subject, if two are chosen.

¹On leave of absence for war service. ²Resigned.

Courses for Undergraduates

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 McALLISTER, CARLSON, and JOHNSON, Dr. RAPPARLIE, Dr. McGEHEE.
2. GENERAL PSYCHOLOGY.—The various fields of psychology, with special emphasis on applications. 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 and II, (2). *Prerequisite:* Psychology 1. Dr. RAPPARLIE.
14. SOCIAL PSYCHOLOGY.—Social behavior of the individual and of the group. S, I, and II, (3). *Prerequisite:* Psychology 1. Professor YOUNG, Assistant Professor McALLISTER.
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. S, I, and II, (3). *Prerequisite:* Psychology 1. Not open to students who have completed Education 15. Associate Professor ANDERSON, Dr. McGEHEE.
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. Dr. McGEHEE.

Courses for Advanced Undergraduates

- [8. FEELING AND EMOTION.—II, (2). *Prerequisite:* Six hours of psychology. Not given in 1943-1944. Professor YOUNG.]
- [9. PHYSIOLOGICAL PSYCHOLOGY.—I, (2). *Prerequisite:* Psychology 1; a course including laboratory work in one of the biological sciences. Not given in 1943-1944.]
- [12. MINOR PROBLEMS (ADVANCED LABORATORY).—I, (3). *Prerequisite:* Psychology 3; consent of instructor. Not given in 1943-1944. Professors WOODROW and HIGGINSON, Assistant Professor McALLISTER.]
- [13. MINOR PROBLEMS.—II, (3). *Prerequisite:* Six hours of psychology; consent of instructor. Not given in 1943-1944. Dr. GILBERT.]
16. GENETIC PSYCHOLOGY.—Psychological development of the individual. I and II, (3). *Prerequisite:* Psychology 1; junior standing. Associate Professor ANDERSON.
- [25. PSYCHOLOGICAL AESTHETICS.—II, (2). *Prerequisite:* Psychology 1; junior standing. Not given in 1943-1944.]
- 27a-27b. THESIS AND HONORS COURSE.—For major students and candidates for honors. S, and continuous through I and II, (2). *Prerequisite:* Consent of instructor. Professor WOODROW.
28. PSYCHOLOGY OF MOTIVATION.—Instinct, drive, desire, habit, and attitude as determinants of behavior; mental conflicts and types of adjustment. I, (2). *Prerequisite:* Six hours of psychology. Professor YOUNG.
35. CLINICAL PSYCHOLOGY.—I, (3). *Prerequisite:* Junior standing; Psychology 1 and a course in child psychology or child development. Associate Professor ANDERSON.
- [50. MILITARY PSYCHOLOGY.—I and II, (2). *Prerequisite:* Psychology 1; enrollment in advanced military science. Not given in 1943-1944. Assistant Professor McALLISTER, Dr. RAPPARLIE.]

Courses for Advanced Undergraduates and Graduates

- [5. COMPARATIVE PSYCHOLOGY.—I, (3). *Prerequisite:* Psychology 1; either one other course in psychology or a course in zoology. Not given in 1943-1944. Assistant Professor McALLISTER.]
11. LEARNING AND COMPREHENSION.—Processes involved in acquiring new knowledge and skill. II, (2). *Prerequisite:* Six hours of psychology. Assistant Professor CARLSON.

- [17. HISTORY OF PSYCHOLOGY.—I, (2). *Prerequisite:* Six hours of psychology. Not given in 1943-1944. Professor YOUNG.]
- [18. PERCEPTION.—II, (2). *Prerequisite:* Six hours of psychology. Not given in 1943-1944.]
20. SYSTEMATIC PSYCHOLOGY.—Contemporary systems; behaviorism. *Gestalt Psychologie*, structural, purposive, and functional psychology. II, (2). *Prerequisite:* Six hours of psychology. Professor WOODROW.
23. ABNORMAL PSYCHOLOGY.—Analytical consideration of types of behavior deviating from the normal. S, I, and II, (3). *Prerequisite:* Six hours of psychology. Assistant Professor CARLSON, Dr. RAPPARLIE.
- [26. RECENT EXPERIMENTAL PROBLEMS.—Methods and results in selected fields. S, (3). *Prerequisite:* Six hours of psychology. Not given in 1943-1944. Assistant Professor McALLISTER.]
34. INDIVIDUAL DIFFERENCES.—The nature, significance, measurement, and causation of the mental differences between individuals and groups. S and 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. Dr. 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 courses offered at the Institute for Juvenile Research in Chicago. The prerequisite to these courses is recommendation by the Department of Psychology and one year of graduate work with a major in psychology, or, in case of especially qualified students who have majored in psychology as undergraduates, one semester of graduate work. The minimum period of attendance at the Institute necessary for a master's degree is six months; and for the Ph.D. degree, one academic year. Recommended minors are education and sociology. See courses numbered 101-105 under the Department of Criminology, Social Hygiene, and Medical Jurisprudence on page 363.

- 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. S, I, and II, (1 unit). Professor WOODROW.
- [S106. NEURAL THEORY OF THE PSYCHOLOGICAL FUNCTIONS.—S, (1 unit). Not given in 1943. Assistant Professor PENNINGTON.]
- [108. QUANTITATIVE METHODS.—Research methods in psychology. I, (1 unit). Not given in 1943-1944. Professor WOODROW.]
- [109. PROBLEMS IN MOTIVATION.—Discussion of current research and concepts within the field of motivation. II, (1 unit). Not given in 1943-1944. 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 1943-1944.]

RUSSIAN

Courses for Undergraduates

- [1a-1b. ELEMENTARY COURSE.—I and II, (4). *Prerequisite:* Junior standing. Not given in 1943-1944.]

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.—S and I, (3). *Prerequisite:* Sophomore standing. Visiting Professor JAMES and others.
2. BACKGROUND AND PROBLEMS OF THE WAR.—I and II, (2). Assistant Professor TYLOR and others.

Courses in Social Administration

Minors: Courses in social 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. II, (3). *Prerequisite:* Senior standing. Miss ROGERS.
21. CHILD WELFARE.—Types of child welfare agencies and their services; nature, causes, treatment, and prevention of child welfare problems. II, (2). *Prerequisite:* Senior standing. Miss 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 relationships. II, (2). *Prerequisite:* Senior standing. Miss 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:* Senior standing. Professor STEVENSON.

SOCIOLOGY

Professors: ALBIG (Chairman of Department), HILLER, TAFT, ZNANIECKI.

Associate Professors: TIMMONS.

Assistant Professors: TYLOR, HULETT.

Associates: AHRENS.

Cooperating: Professor D. E. LINDSTROM, Miss D. KATHARINE ROGERS.

Summer of 1943 but not in current year: Dr. M. T. PRICE.

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 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 ALBIG, HILLER, and TAFT, Assistant Professors TYLOR and HULETT; (S, Dr. PRICE).
2. SOCIAL FACTORS IN PERSONALITY.—Nature of person and relation to institutions, social order, and development. I and II, (3). *Prerequisite:* Sociology 1. Mr. AHRENS.
- [4. SOCIAL CONTROL.—II, (2). *Prerequisite:* Sociology 1. Not given in 1943-1944. Professor ALBIG.]
46. INTRODUCTION TO CHINESE CULTURE.—Comprehensive survey and introductory analysis of Chinese civilization from the standpoint of cultural sociology and ethnology. S, (3). *Prerequisite:* Junior standing, or consent of instructor. Dr. PRICE.
65. INTRODUCTION TO SOCIAL WORK.—Philosophy, principles, methods, and fields of social work, with special emphasis on social case work. S and I, (3). *Prerequisite:* Senior standing. Miss ROGERS.
66. CHILD WELFARE.—Types of child welfare agencies and their services; nature, causes, treatment, and prevention of child welfare problems. S and I, (2). *Prerequisite:* Senior standing. Miss ROGERS.
- 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. 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; (S, Assistant Professor HULETT).
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. S, (3). *Prerequisite:* Sociology 1; junior standing. *Recommended background courses:* Sociology 2 and courses in history and economics. Associate Professor TIMMONS, Assistant Professor HULETT.
9. CRIMINOLOGY.—Crime from the point of view of personality and social situations. 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.—I, (3). *Prerequisite:* Sociology 1; junior standing. Not given in 1943-1944.]
11. SOCIOLOGY OF THE REGION.—Regionalism in 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; propoganda; interest groups and opinion; critical review of methods of measurement. I and II, (3). *Prerequisite:* Sociology 1; junior standing. Professor ALBIG.
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 1943-1944. Associate Professor TIMMONS.]
19. CONTEMPORARY SOCIETY.—Basic character of modern life forms, underlying principles and efforts at reorientation. I, (3). *Prerequisite*: Sociology 3; junior standing. Mr. AHRENS.
- [20. SOCIAL PROGRESS AND SOCIAL VALUES.—I, (3). *Prerequisite*: Sociology 1; junior standing. Not given in 1943-1944.]
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. 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. II, (3). *Prerequisite*: Sociology I 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. I and II, (3). *Prerequisite*: Junior standing. Professor ALBIG.
- [44. THE NEGRO.—S, (2½). *Prerequisite*: Junior standing. Not given in 1943-1944.]
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 1943-1944.]
70. SOCIAL RELATIONS AND THE INTERNATIONAL ORDER.—I and 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). Professor HILLER.
101. SOCIOLOGICAL THEORY AND METHOD.—I, (1 unit). Professor ZNANIECKI.
- [102. RECENT DEVELOPMENTS IN SOCIOLOGY.—I, (1 unit). Not given in 1943-1944. Professor ALBIG.]
- S105. RESEARCH IN EDUCATION FOR MARRIAGE AND THE FAMILY.—S, (1 unit). Associate Professor TIMMONS.
106. URBAN COMMUNITIES AND URBANIZATION.—S, (1 unit). Assistant Professor TYLOR.
- [107. RURAL COMMUNITIES.—I, (1 unit). Not given in 1943-1944. Assistant Professor TYLOR.]
- [108. RESEARCH IN SOCIAL EFFECTS OF POVERTY, THEIR PREVENTION AND TREATMENT.—I, (1 unit). Not given in 1943-1944. Associate Professor TIMMONS.]
- [109. RESEARCH IN CRIMINOLOGY.—II, (1 unit). Not given in 1943-1944. Professor TAFT.]
- [110. POPULATION PROBLEMS.—I, (1 unit). Not given in 1943-1944. Professor TAFT.]
112. THEORY OF SOCIAL GROUPS.—Modern nationality groups. II, (1 unit). Professor ZNANIECKI.
- [114. PUBLIC OPINION.—II, (1 unit). Not given in 1943-1944. Professor ALBIG.]
- [120. EUROPEAN SOCIOLOGICAL THEORY.—I and II, (1 unit). Not given in 1943-1944. Professor ZNANIECKI.]
- [121. FOLK SOCIOLOGY.—II, (1 unit). Not given in 1943-1944.]

- [122. REGIONAL PROBLEMS AND PLANNING.—II, (1 unit). Not given in 1943-1944. Assistant Professor TYLOR.]
124. ADVANCED PENOLOGY.—II, (1 unit). Professor TAFT.
128. FUSION OF CULTURE RESULTING FROM IMMIGRATION.—II, (1 unit). Professor HILLER.
- [129. MODERN HUMAN MIGRATIONS.—I, (1 unit). Not given in 1943-1944. Professor TAFT.]
- [S130. SOCIOLOGY OF WAR.—S, ($\frac{3}{4}$ or 1 unit). Not given in 1943. Professor TAFT.]
150. SEMINAR AND RESEARCH.—Preparation of theses. S, 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 1943-1944. Professor ZNANIECKI.]

SPANISH AND ITALIAN

(Including Portuguese)

Professors: VAN HORNE¹ (Head of the Department), RODRÍGUEZ FABREGAT (Visiting).²

Associate Professors: HAMILTON.

Assistant Professors: KAHANE, BORSELLI (Visiting).²

Associates: ELSDON,¹ OLIVER.¹

Instructors: FLORES, ROSALDO.

Assistants: PIETRANGELI, MAINOUS,¹ SCHOGGINS, BOOTH, HEJTMANEK, FOSNAUGH, BRISTOW, KAHLERT, DETURK,³ F. A. ANDERSON, ROOSA, HICKEY, ORTIZ, RUBIO, M. L. ANDERSON, BACKLUND, MUGUERZA,³ WHATLEY, OGDEN, REEVES.²

Cooperating: Dr. L. H. BOWEN.

Summer of 1943 but not in current year: Mrs. EDITH J. KENDRICK, Mrs. ALBERTINE W. OSGOOD.

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.

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. Mr. SCHOGGINS, Miss BOOTH, Miss HEJTMANEK, Mrs. FOSNAUGH, Mrs. DETURK, Miss HICKEY, Mrs. RUBIO, Miss M. L. ANDERSON, Miss BACKLUND, Mrs. BRISTOW, Miss KAHLERT, Mr. ORTIZ, Mr. REEVES, Mrs. OGDEN; (S, Mrs. KENDRICK, Miss PIETRANGELI).
- 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. Mr. SCHOGGINS, Miss BOOTH, Miss HEJTMANEK, Mrs. BRISTOW, Mrs. DETURK, Miss HICKEY, Mrs. RUBIO, Miss M. L. ANDERSON, Miss BACKLUND, Mrs. OGDEN, Mr. REEVES; (S, Mrs. KENDRICK, Mrs. FOSNAUGH).
- 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. Mr. SCHOGGINS, Miss BOOTH, Miss HEJTMANEK, Mrs. FOSNAUGH, Mrs. BRISTOW, Mrs. DETURK, Miss HICKEY, Miss M. L. ANDERSON, Miss WHATLEY, Miss KAHLERT; (S, Dr. BOWEN).

¹On leave of absence for war service.

²Second semester.

³Resigned.

- 2b. MODERN SPANISH (CONTINUED).—S, I, and II, (4). *Prerequisite:* Spanish 2a, or three years of high school Spanish. Mr. SCHOGGINS, Miss HEJTMANEK, Mrs. FOSNAUGH, Mrs. BRISTOW, Miss KAHLERT, Miss WHATLEY, Miss M. L. ANDERSON, Miss BACKLUND, Mrs. OGDEN; (S, Miss PIETRANGELI, Mrs. OSGOOD).
- 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. Assistant Professor KAHANE, Dr. FLORES, Mrs. F. A. ANDERSON.
- 5a-5b. COMMERCIAL SPANISH.—S (5a only), I, and II, (2). *Prerequisite:* Spanish 2b, or four years of high school Spanish. Mrs. F. A. ANDERSON; (S, Mrs. OSGOOD, Miss HEJTMANEK).
- 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. ROSALDO, Miss KAHLERT, Mr. ORTIZ, Miss WHATLEY, Dr. FLORES; (S, Professor VAN HORNE).
- 8a-8b. ADVANCED COMPOSITION AND CONVERSATION.—I and II, (2). *Prerequisite:* Spanish 7b, or equivalent. Dr. FLORES, Miss KAHLERT, Mr. ORTIZ.
25. METHODS OF TEACHING SPANISH.—Discussion and laboratory work in phonetics. S and II, (3). *Prerequisite:* Twenty hours in Spanish, or sixteen hours in Spanish plus twenty in French. Open to juniors and seniors. Miss WHATLEY; (S, Mrs. KENDRICK).
- 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.—I and II, (3). Associate Professor HAMILTON.
- [11a-11b. CERVANTES: DON QUIJOTE.—I and II, (2). Not given in 1943-1944.]
- 12a-12b. CLASSICAL SPANISH DRAMA.—I and II, (2). Dr. ROSALDO.
- 14a-14b. PHONETICS AND SYNTAX.—S, I, and II, (2). Assistant Professor KAHANE; (S, Miss KAHLERT).
15. ORIGENES DE LA CULTURA HISPANO-AMERICANA.—(In Spanish). II, (2). Visiting Professor RODRÍGUEZ FABREGAT.
16. GRANDES ESCRITORES DE LA AMÉRICA HISPANA EN LOS SIGLOS XIX Y XX.—(In Spanish). II, (2). Visiting Professor RODRÍGUEZ FABREGAT.
- [17a-17b. MODERN SPANISH AND SPANISH-AMERICAN DRAMA.—I and II, (2). Not given in 1943-1944. Associate Professor HAMILTON.]
- 18a-18b. SURVEY OF LATIN-AMERICAN LITERATURE.—S, (3). Professor VAN HORNE.

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 1943-1944. Professor VAN HORNE.]
- [131a-131b. SPANISH LITERATURE IN THE SEVENTEENTH CENTURY.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- [134a-134b. SPANISH LITERATURE IN THE EIGHTEENTH CENTURY.—Continuous through I and II, (1 unit). Not given in 1943-1944.]
- 135a-135b. THE MODERN SPANISH AND SPANISH-AMERICAN NOVEL.—S and I, (1 unit). 135b not given in 1943-1944. Associate Professor HAMILTON.
- 138a-138b. LATIN-AMERICAN LITERATURE.—S (138b only) and I, (1 unit). 138b not given in 1943-1944. Associate Professor HAMILTON.

- 139a-139b. SPANISH LITERATURE IN THE MIDDLE AGES.—Continuous through I and II, (1 unit). Associate Professor HAMILTON, Assistant Professor KAHANE.
 185a-185b. OLD SPANISH.—S (185a only), 185b not given in 1943-1944. (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. I and II, (4). Seniors receive only three hours credit. No credit toward graduation is given for Italian 1a without Italian 1b. Miss PIETRANGELI, Mrs. ROOSA.
 2a-2b. INTERMEDIATE ITALIAN.—I and II, (3). *Prerequisite:* Italian 1b, or two years of high school Italian. Mrs. ROOSA.

Courses for Advanced Undergraduates and Graduates

- [3a-3b. DANTE: LA DIVINA COMMEDIA.—I and II, (2). *Prerequisite:* Italian 1b; junior standing. Not given in 1943-1944.]
 [4a-4b. MODERN ITALIAN LITERATURE.—I and II, (2). *Prerequisite:* Italian 1b; junior standing. Not given in 1943-1944.]
 28a-28b. SENIOR THESIS.—For candidates for honors in Italian, and for other seniors. S, and 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 1943-1944.]
 143a-143b. ITALIAN LITERATURE IN THE RENAISSANCE.—S, (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.

THEORETICAL AND APPLIED MECHANICS

Professors: SEELY (Head of the Department), MOORE, ENGER, RICHART, PUTNAM, DRAFFIN, SCHRADER.

Associate Professors: ENSIGN, DOLAN,¹ JENSEN,¹ SCHWALBE, LANSFORD.

Assistant Professors: FLEMING,² KITTEDGE,¹ COLLINS,¹ FINDLEY.

Associates: BROWN, SUPPIGER,¹ JONES, SMITH,¹ MORKOVIN.³

Instructors: BLACK,⁴ WORLEY, MITCHELL.⁴

Cooperating: Professor N. M. NEWMARK.

Courses for Undergraduates

1. ANALYTICAL MECHANICS (STATICS).—Force systems; equilibrium; centroids; center of gravity; friction. S, I, and II, (2). *Prerequisite:* Mathematics 7; registration in Mathematics 9. Associate Professor ENSIGN and others.
2. ANALYTICAL MECHANICS (DYNAMICS).—Kinematics and kinetics. S, I, and II, (3). *Prerequisite:* Theoretical and Applied Mechanics 1. 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. 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. Associate Professor LANSFORD, Assistant Professor FINDLEY.
- [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 1943-1944. 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. Professor PUTNAM and others.
64. HYDRAULICS LABORATORY.—Measurements of flow, friction in pipes, pumping and power. S, I, and II, (1). *Prerequisite:* Registration in Theoretical and Applied Mechanics 4. Associate Professor LANSFORD and others.
- [73. MECHANICAL TESTING AND INSPECTION OF METALS.—For women only. II, (2). *Prerequisite:* Registration in Metallurgy 25. Not given in 1943-1944. Professor PUTNAM.]
74. MATERIALS LABORATORY.—Limited to women with Pratt and Whitney scholarships. II, (3). Professor PUTNAM.
- 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.—Special problems met in engineering. I, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63. Professor SEELY.
- [42. PROPERTIES OF ENGINEERING MATERIALS: SPECIFICATIONS.—II, (3). *Prerequisite:* Theoretical and Applied Mechanics 3 and 63. Not given in 1943-1944. Professor SEELY.]
- [43. FLUID MECHANICS AND ADVANCED HYDRAULICS.—I and II, (3 semester hours or $\frac{1}{2}$ to 1 unit). *Prerequisite:* Theoretical and Applied Mechanics 4 and 64. Not given in 1943-1944. Associate Professor LANSFORD.]
- [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 1943-1944. 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 1943-1944. Associate Professor JENSEN.]
- [48. ENGINEERING ANALYSIS.—Continuation of 47. II, (3 semester hours or $\frac{1}{2}$ to 1 unit). Not given in 1943-1944. Associate Professor JENSEN.]

¹On leave of absence for war service.

²Deceased March 20, 1944.

³Transferred to Engineering Experiment Station, November 1, 1943.

⁴Second semester.

- [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 1943-1944. Assistant Professor FINDLEY.]
- [50. ADVANCED DYNAMICS AND VIBRATIONS.—Continuation of 49. II, (3 semester hours or $\frac{1}{2}$ to 1 unit). Not given in 1943-1944.]

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 1943-1944. Professor MOORE.]
- [103. FLUID MECHANICS.—I and II, (1 unit). Not given in 1943-1944. Assistant Professor KITTREDGE.]
107. LABORATORY INVESTIGATIONS IN STRENGTH OF MATERIALS.—II, (1 to 2 units). Professor MOORE.
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 1943-1944. Associate Professor SCHWALBE.]
- [113. SELECTED TOPICS IN STRUCTURAL MECHANICS.—II, ($\frac{1}{2}$ unit). Not given in 1943-1944. 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 114. II, (1 unit). Professor NEWMARK.
116. RESISTANCE OF MATERIALS.—I, ($\frac{1}{2}$ to 1 unit). Professor SEELY.
- [117. PROPERTIES OF ENGINEERING MATERIALS.—II, ($\frac{1}{2}$ to 1 unit). Not given in 1943-1944. 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, SHUMWAY,¹ VAN CLEAVE, ADAMS.

Associate Professors: BURGE, KUDO, ADAMSTONE, KENDEIGH, STEGGERDA, THOMAS, PROSSER.¹

Assistant Professors: HALL, LUCE, INGLE.

Associates: CHASE, ELHARDT, KUGLER, ROBINSON,¹ TAYLOR, SHOEMAKER.

Instructors: WICKWIRE, GRAY,¹ GOODNIGHT.

Assistants: KROUSE, MEINKOTH, SEIBERT,² E. L. ROSS, HAMILTON, DUSHKIND, JONES, PHILLIPS, PODMAJERSKY.

Research Assistants: LITRELL, SPARKMAN, HOEKSTRA, J. A. ROSS.³

Summer of 1943 but not in current year: JOANN E. MILLER, GERTRUDE RAFFERTY, GEORGE SVIHLA.

ZOOLOGY

Requirements for L.A.S. Students

Major: 20 hours in zoology, excluding Zoology 1, 7, 14, 16, 36, and including five hours of advanced work.

¹On leave of absence for war service.

²Resigned.

³Second semester.

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), Associate Professors KUDO, KENDEIGH, and THOMAS, and assistants; (S, Professor VAN CLEAVE, Dr. SHOEMAKER, Dr. GOODNIGHT).
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. Assistant Professor HALL, Dr. CHASE, Dr. GOODNIGHT, and assistants; (S, Associate Professor ADAMSTONE).
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. Associate Professor ADAMSTONE, Dr. KUGLER; (S, Assistant Professor HALL, Dr. GOODNIGHT); 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, Assistant Professor INGLE, and assistant.
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.—II, (3 to 4). *Prerequisite:* Zoology 1, or equivalent. Not given in 1943-1944. 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 \$21. *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.—S, (5). For school teachers. Not given in 1943.]
- [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 1943-1944. Professor HARTMAN, Associate Professor PROSSER, Dr. CHASE.]
16. BIRD STUDY.—Native birds; their identification, food relations, seasonal distribution, migration activities, economic importance, and conservation. Lectures, laboratory, and field trips. II, (2). *Prerequisite:* Sophomore standing. Associate Professor KENDEIGH and assistant.

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. Associate Professor ADAMSTONE.
11. ANIMAL ECOLOGY AND GEOGRAPHY.—Dynamics, development, physiological characters, and distribution of communities. Lectures, laboratory, and field work. I, (3 to 5). *Prerequisite:* One year of zoology; senior standing. Professor SHELFORD, Associate Professor KENDEIGH.
17. FIELD ZOOLOGY.—Collection, preservation, and identification of lower vertebrates and land and fresh-water invertebrates; identification; habits and life histories of selected forms. Field and laboratory work, readings. S, (3). *Prerequisite:* One year of zoology; senior standing. Professor VAN CLEAVE, Dr. GOODNIGHT, and assistants.

18. **PROTOZOOLOGY.**—Morphology, physiology, and life-history of representative free-living and parasitic protozoa. Lectures and laboratory. I, (3 to 5). *Prerequisite:* One year of zoology; junior standing. Associate Professor KUDO and assistant.
- [19. **WILDLIFE MANAGEMENT AND CONSERVATION.**—I, (3). *Prerequisite:* One year of zoology and junior standing or, for students in the College of Agriculture, Zoology 14 and senior standing. Not given in 1943-1944. 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. Professor ADAMS.
- [23. **ADVANCED VERTEBRATE ANATOMY.**—II, (2 to 4). *Prerequisite:* Zoology 3; senior standing. Not given in 1943-1944. Assistant 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.**—Structure, functions, environmental relations, habits, life-history, and identification of birds. II, (2 or 3). *Prerequisite:* One year of zoology; junior standing. Associate Professor KENDEIGH.
30. **ANIMAL PARASITES OF MAN.**—Identification and development of protozoan and helminth parasites. I, (3). *Prerequisite:* One year of zoology; junior standing. Associate Professors KUDO and THOMAS.
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. Principles and methods of teaching general biology in high school or normal school. S, (3). *Prerequisite:* One course in zoology and one in botany; junior standing. Professors HARTMAN and VESTAL.
- S59. **INTRODUCTORY ECOLOGY.**—Community and environmental relations of animals. S, (1 to 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 ready 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.

- [102. CLASSIFICATION, PHYLOGENY, AND EVOLUTION OF VERTEBRATES.—I, (1 unit). Not given in 1943-1944. Professor ADAMS.]
103. CYTOLOGY.—I, (1 unit). Associate Professor ADAMSTONE.
- [106. ADVANCED VERTEBRATE EMBRYOLOGY.—I, (1 unit). *Prerequisite*: Zoology 3 or equivalent. Not given in 1943-1944. Professor SHUMWAY.]
- [107. EXPERIMENTAL VERTEBRATE EMBRYOLOGY.—II, (1 unit). *Prerequisite*: Zoology 3 or equivalent. Not given in 1943-1944. Professor SHUMWAY.]
- [109. PHYSIOLOGICAL ECOLOGY.—II, ($\frac{1}{2}$ to 1 unit). Not given in 1943-1944. Professor SHELFORD, Associate Professor KENDEIGH.]
110. CLIMATIC ECOLOGY.—II, ($\frac{1}{2}$ to 1 unit). Professor SHELFORD.
111. ADVANCED FIELD ECOLOGY.—II, ($\frac{1}{4}$ to 1 unit). Professor SHELFORD.
- [115. ADVANCED GENETICS.—I, (1 unit). Not given in 1943-1944. Assistant Professor LUCE.]
117. INVERTEBRATE TAXONOMY.—II, ($\frac{1}{2}$ to 1 unit). Professor VAN CLEAVE.
118. ADVANCED PROTOZOLOGY.—II, ($\frac{1}{2}$ to 1 unit). Associate 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, Assistant Professor HALL.
 VERTEBRATE EMBRYOLOGY.—Associate Professor ADAMSTONE.
 GENETICS AND REGENERATION.—Assistant Professor LUCE.
 ANIMAL ECOLOGY, BEHAVIOR, AND WILDLIFE MANAGEMENT.—Professor SHELFORD, Associate Professor KENDEIGH.
 HISTOLOGY AND CYTOLOGY.—Associate Professor ADAMSTONE.
 PROTOZOLOGY AND PARASITOLOGY.—Associate 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 1943-1944. 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; (S, Dr. 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, Dr. TAYLOR, Dr. SHOE-MAKER, Dr. GOONIGHT.
- 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, Mr. WICKWIRE.
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 ALTIITUDE 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. I and II, (3). Dr. ELHARDT.

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. S and II, (5). *Prerequisite:* Twenty hours of chemistry or biology, or consent of instructor. Associate Professor STEGGERDA, Dr. 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, Dr. TAYLOR.
- [41. PHYSIOLOGICAL ZOOLOGY.—I, (3 or 4). *Prerequisite:* Senior standing; three semesters of zoology. Elementary physiology recommended. Not given in 1943-1944. Associate Professor PROSSER.]
- [42. CELLULAR PHYSIOLOGY.—II, (4). *Prerequisite:* One year of zoology; one year of chemistry; senior standing. Not given in 1943-1944. Associate Professor PROSSER.]
43. ENDOCRINOLOGY.—The glands of internal secretion with special reference to the vertebrates. I, (3). *Prerequisite:* Zoology 1 and 2; one year of chemistry, or consent of instructor. 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.

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, Dr. 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.—II, ($\frac{1}{2}$ unit). Not given in 1943-1944. Professor HARTMAN.]

COLLEGES IN CHICAGO

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 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 on the next two pages. For further description of the College of Medicine, see page 355; the College of Dentistry, page 381; the College of Pharmacy, page 394.

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). It is expected that a new class will enroll each nine months, i.e., April, 1944, January, 1945, etc., for the duration of the war.

Army and Navy Program

The University of Illinois has entered into agreements with the Army and Navy to reserve most of the places in the medical and dental enrollments for training of men in uniform. At present 38 per cent of the places in the medical school and 18 per cent in dentistry 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. The University of Illinois, with other medical and dental schools, is working with the armed forces in developing a cooperative program for considering applicants who are members of the Army or Navy. Present plans indicate that after January 1, 1945, military officials will select 53 per cent of the first-year medical students and 38 per cent of the first-year dental students.

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. At present they are not housed but receive commutation for board and room and reside wherever convenient. 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 funds are available:

Eli Lilly and Company Fellowship.—A gift of \$1,200 from Eli Lilly and Company, in 1942, provides a fellowship in medicine, for investigation of the diagnostic value of colostrum.

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

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 352.

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 pre-clinical courses and 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.

For the *faculty* of the College of Medicine, see page 44; for *admission*, see pages 92 and 95; for *fees*, see page 100; for *scholarships*, see page 117; for *loan funds*, see page 120; for *college organizations*, see page 354.

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	
FIRST YEAR							
Anatomy, including Histology, Embryology, and Neurology	58	141	64	160	58	132	613
First Aid	..	..	12	..	24	..	36
Pharmacology	..	..	10	20	20	30	80
Physiological Chemistry	33	66	36	66	..	..	201
Physiology	..	..	..	..	44	57	101
Psychiatry	12	..	12	..	..	..	24
<i>Total</i>	103	207	134	246	146	219	1,055
SECOND YEAR							
Bacteriology	33	66	11	33	..	..	143
Hygiene	..	..	..	..	34	..	34
Medicine	..	..	..	..	11	..	11
Pathology, General	..	..	48	96	36	92	252
Pathology, Clinical	..	..	8	16	44	66	134
Pharmacology	44	22	44	22	36	18	186
Physiology	44	33	44	57	..	..	178
Physical Diagnosis	11	22	..	..	..	27	60
Psychiatry	..	..	12	..	9	..	21
Surgery	..	..	..	..	9	..	9
<i>Total</i>	132	143	167	224	179	183	1,028

Third and Fourth Years

Subjects	Total Hours	
	Third Year	Fourth Year
Anatomy, Topographic	..	48
Anaesthesia	12	(Included in Surgery)
Autopsies and Pathology	210	..
Criminology and Psychiatry	58	45
Dermatology	36	44
Gynecology (including Obstetrics)	..	324
Hygiene and Public Health	12	12
Jurisprudence	..	24
Laryngology, Rhinology, and Otolaryngology	60	..
Medicine	368	306
Neurology and Neurological Surgery	24	72
Obstetrics	140	(Included in Gynecology)
Ophthalmology	..	64
Orthopaedics	69	12
Pediatrics	216	156
Radiology	..	46
Stomatology	..	12
Surgery	356	222
Therapeutics	24	..
Urology	36	(Included in Surgery)
<i>Total</i>	1,621	1,387

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 in 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 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.

Beaumont 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 1943-1944, 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. 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.

ANATOMY

Professors: KAMPMEIER (Head of Department), VON BONIN, ZIMMERMANN.

Associate Professors: COOPER, JORANSON, WEBB, SIMER.

Assistant Professors: ZECHEL, KREHBIEL.

Associates: PLAGGE.

Instructors: STEIN,¹ FISCH, FOURNIER, GLASSMAN,¹ SHALLA.

Assistants: WHITE (Emerita), COHEN, KAELL.

Cooperating: Professor A. HARTUNG, Associate Professors A. VERBRUGGHEN, H. L. BAKER, Assistant Professor J. T. REYNOLDS, Dr. C. IRENEUS, JR.

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 (not 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. Of the 200 anatomical hours in each quarter, approximately three-fourths of the time 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 Professor KREHBIEL, Dr. PLAGGE, (Professor HARTUNG 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 Professors ZECHEL and REYNOLDS, and others (including Rush Professors and Associate and Assistant Professors of Surgery, listed above as cooperating).

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.

¹On leave of absence for war service.

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.
- 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 357. *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.
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.

BACTERIOLOGY AND PUBLIC HEALTH

Professors: NOVAK (Acting Head of Department).

Associate Professors: KRONENBERG, SHAUGHNESSY.

Assistant Professors: HULL, MCDANIELS,¹ BAYLISS,¹ ROSENTHAL.¹

Associates: KLASSEN,¹ MEYER, PISZCZEK, ORDAL, LEVINE.²

Instructors: MUSSON,¹ VICHER,¹ METZGER.

Assistants: RHODES, SVEC, BERGSCHNEIDER,² GERBER.

Cooperating: Members of the Illinois State Department of Public Health.

¹On leave of absence for war service.

²Resigned.

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 seniors 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 the State Health Department.

Required Courses—Second Year

1. GENERAL BACTERIOLOGY AND PROTOZOOLOGY.—Lectures, demonstrations, and laboratory. Nine hours each week, I; four hours each week, II. Professor NOVAK, Dr. ORDAL, and others.
2. PREVENTIVE MEDICINE.—General principles of prevention of disease. Epidemiology. Three hours each week. III. Professor NOVAK and others.

Required Courses—Third Year

11. INDUSTRIAL HYGIENE.—Industrial and occupational diseases. One hour each week. III. Associate Professor KRONENBERG and others.

Required Courses—Fourth Year

50. PUBLIC HEALTH.—Functions of the Illinois Department of Health and its relation to the practicing physician. One hour each week. III. 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.
 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. I. Professor NOVAK, Dr. LEVINE.
- 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.
103. INDIVIDUAL RESEARCH.—(1 to 3 units). Professor NOVAK, Assistant Professor ROSENTHAL.

CRIMINOLOGY, SOCIAL HYGIENE, AND MEDICAL JURISPRUDENCE

Professors: SCHROEDER¹ (Head of Department), YARROS (Emerita).

Associate Professors: MOHR, FRENCH.

Assistant Professors: BARRICK, FALSTEIN,¹ A. M. JOHNSON, DARROW, JENKINS.

Associates: WEINFELD,¹ SUKOV,¹ HORA, Y. S. JOHNSON, BENJAMIN.

Lecturers: WORTHINGTON,² BRANDON, LINCK.

Instructors: PERCE, FISHBACK, GOLDBERG.

Assistants: SLOMAN, ANGRES, DUBNER.

Cooperating: Professor F. J. GERTY, Assistant Professors S. A. SZUREK,¹ 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. THE BIOLOGIC BASIS OF PERSONALITY.—Same as Psychiatry 1. One hour each week for twenty-four weeks. I and II. Professor GERTY, Assistant Professor SHERMAN.

Required Courses—Second Year

5. HUMAN BEHAVIOR.—Same as Psychiatry 5. One hour each week for twelve weeks. II. Professor SCHROEDER, Associate Professor MOHR, Assistant Professor JOHNSON.

Required Courses—Third Year

- 10a. DISORDERS OF BEHAVIOR IN CHILDREN AND ADULTS.—Same as Psychiatry 10. Two 1-hour periods each week. I. Assistant Professors BOSSELMAN and JENKINS.
- 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. Professor SCHROEDER, Assistant Professor BARRICK, Dr. GOLDBERG.
56. DISPENSARY IN CHILD PSYCHIATRY.—In groups of three, four, or five, students are given an opportunity to observe and put into practice the methods of examination and investigation dealt with in child psychiatry and in forensic psychiatry. Additional emphasis is placed on dealing with parents and their problems as they affect the child. The fields of psychiatric social service, psychology, and recreational therapy are covered insofar as they are utilized by the psychiatrist in his total evaluation of the child's problems, and the importance of psychosomatic relationships is emphasized through correlation of the physical and psychological findings. Ten 2-hour periods for one week in the clinic. I, II, and III. Assistant Professors JENKINS and DARROW, Dr. HORA, and others.

¹On leave of absence for war service.

²Deceased February 27, 1944.

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. Associate Professor MOHR, Assistant Professor 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. Professor SCHROEDER.

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. 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. 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. Dr. HORA.
 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. Assistant Professor BARRICK.
 73. CRIMINAL IDENTIFICATION.—Application of physical structure and functions in identification of criminals. One hour each week for six weeks. I.
 74. HOSPITAL ORGANIZATION AND ADMINISTRATION.—One hour each week for six weeks. I.
 75. INTRODUCTION TO PUBLIC WELFARE ADMINISTRATION.—One hour each week for six weeks. I. 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. 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 357.
 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 357.

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,¹ SCHORR, SHELLOW,¹ TOBIN,¹ WEBSTER,¹ HETREED,¹ ROLL.
Instructors: GRIFFITH,¹ HECHT,¹ NEUHAUSER, WAISMAN,¹ WALSH,¹ D. V. OMENS, SKOLNIK, SLEPYAN,¹ WEICHELBAUM, CRAIG, STRAKOSCH.
Assistants: H. D. OMENS, SCULL, STUBENRAUCH.

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: LEDERER¹ (Head of Department), PIERCE (Emeritus), HAYDEN, SHAMBAUGH (Emeritus).
Associate Professors: BRUNNER, CURRY, HOLLENDER.
Assistant Professors: J. J. THEOBALD, W. H. THEOBALD, SHAPIRO, CAMPBELL,¹ CHAINSKI, DOUGHERTY, SCOTT, VAN ALYEA, WALLNER,¹ WATKINS, HOLINGER, FOX, LIVINGSTON, SPIESMAN, MORWITZ.
Associates: BREDLAW, FABRICANT, FRIEDBERG,¹ STRAUSS, SNITMAN, COOMBS, HARNED,¹ BLUMKLOTZ, DINOLT.
Instructors: ANDREWS,¹ SCHOOLMAN,¹ SAVITT, WALL,¹ BECKER, FEINBERG,¹ GALE.
Assistants: LEWY,¹ CUTLER, HOELTGEN, RIGBY.

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.

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.

¹On leave of absence for war service.

11. **EAR AND LARYNX.**—Surgical anatomy, applied pathology, and treatment. One hour each week. II and III. Assistant Professor HOLINGER, Dr. SNITMAN.
12. **CONFERENCE.**—General survey of the field through the medium of discussion groups. One hour each week. I, II, and III. Assistant Professors SPIESMAN and MORWITZ, Dr. BECKER.
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 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 357.

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), 9:00 a.m. to 4:00 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) **BRONCHESOPHAGOLOGY.**—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 a.m. to 12 m. and 2 to 4 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).

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.

Associate Professors: CHAUVET, MOORE (Emeritus), GOLDBERG, PERLSTEIN, LUSK,¹ ARKIN, CAMPBELL, FORAN, HIBBS, Y. N. LEVINSON, McNALLY, MILLER, PERNOKIS,¹ PORTIS, SHEAFF, TRIMMER, WALSH,¹ BIRCH, EYERLY, RABENS, RAGINS, TRAUT.

Assistant Professors: WILSON (Emeritus), CIPRIANI, PROPST, VANDERKLOOT, STREICHER, DEUSS, DALITSCH,¹ HICK,¹ FELDMAN, LUETH,¹ LIMARZI, ANTHONY, CARTER, FISHBEIN, FREDRICKSON (Emeritus), H. H. FREILICH, GRAY,¹ HILKEVITCH, JOHANNESSEN, KNIGHT, LICHTENSTEIN,¹ LUNDY,¹ SERBY, E. K. STRAUSS, WOOD, WOODRUFF,¹ KOBAK, RAPPAPORT, LENDRUM, LEE, AMTMAN, BOIKAN, BUTLER, GARDINER, KENDRICK, ROSENBLUM, TREIGER, STEIGMANN.

Associates: GOLDWASSER, KLEMPNER, BECKER, AFREMOW,¹ JONES,¹ ROBERG,¹ DARLING, AARONSON,¹ BACON, BAIRD, BARTON,¹ BENNETT,¹ BERNSTEIN,¹ BREUHAUS,¹ BROWNSTEIN,¹ DREYER,¹ GETHNER, GOUWENS, HOOVER, KAPLAN,¹ KIRBY,¹ LANG, LEVY, PETERSON,¹ SIMA, M. SIMKIN, W. SIMKIN, STUPPY,¹ TAYLOR, TURNER,¹ J. PETERS, MONTGOMERY,¹ COE, FISCHER, FRANKEL, PEARLMAN, RICEWASSER,¹ S. O. SCHWARTZ, WESSELS, WILLIAMS.

Instructors: GROSZ, GURVEY,¹ McMILLAN,¹ DORMAN, TIMBLIN, FEINHANDLER,¹ SHURE,¹ BEDINGER,¹ EHRlich,¹ PAUL, TATGE, JANSON, BLATCHFORD,¹ BLIER,¹ DeTRANA, DeYOUNG, DITKOWSKY,¹ ENGLE,¹ FELSHER, FISHMAN,¹ HENNEMEYER, LOGAN, LOVERDE,¹ MILROY, NECKERMANN, NELSON,¹ J. POST,¹ SCHICK,¹ SINGER,¹ TETREV,¹ TYSSELL,¹ WEISBERG, PALUMBO,¹ MOSKO,¹ WALL,¹ MEHLMAN,¹ PETRAKOS, SLADEK,¹ STECK,¹ HARDING, ZELLER, CRONHEIM, JOHNSON, KESLER, LEFF.

Assistants: H. J. LEVINE,¹ EDIDIN, H. R. SCHWARTZ, A. H. LEVINE, DIMICELI,¹ KLEIMAN,¹ RUBENSTEIN, GOLDYNE,¹ FOSTER,¹ LARSON,¹ LEVIN,¹ PROUD, COEN,¹ MARKS,¹ FLORENCE,¹ BREBIS,¹ C. H. PETERS,¹ SWISHER,¹ ICENOGLE,² LUBIN,¹ MALBIN,¹ RUBIN, CALDWELL, COTELL, SHUGER, CHAPMAN,¹ HORWITZ, ROSANOVA, BICA, DELSON, HARTMAN, RANKE, YONAN, GREGORIO, HAUTAU,² CARSTENS, KATZ, FISHER.

Cooperating: Professors W. J. R. CAMP³ and S. A. LEVINSON, Associate Professor I. PILOT,¹ Dr. M. BERG.¹

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.

¹On leave of absence for war service.

²Resigned.

³On leave of absence for four months beginning December 1, 1943.

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. BERNSTEIN, Dr. PEARLMAN, Dr. PAUL, Dr. ROSANOVA.
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.
12. **CLINIC.**—Selected topics. Cook County Hospital and Rush Medical School. One hour each week. Continuous through I, II, and III. Professors KELLY, FOLEY, and THOMPSON, 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 and physical diagnosis. 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. Assistant Professors HILKEVITCH, SERBY, STRAUS, and LENDRUM, Dr. J. PETERS, Dr. S. O. SCHWARTZ, Dr. DETRANA, Dr. FISCHER, Dr. BERNSTEIN, Dr. COE, Dr. WEISBERG, Dr. KESLER.
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. PAUL, 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. PAUL.

Required Courses—Fourth Year

50. **CLINIC.**—Selected topics with especial attention to differential diagnosis. Research and Educational Hospitals. One hour each week. Continuous through I, II, and III. Professors KEETON and SLOAN.
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, and KELLY, Associate Professor 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. Professor FREILICH, 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. Professor STRAUS, Associate Professors PERLSTEIN and RABENS, Assistant Professors BOIKAN, CARTER, FELDMAN, and HILKEVITCH.
54. **CLINIC.**—Tropical Medicine. Research and Educational Hospitals. One hour each week. II and III. Associate Professor BIRCH.

55. TROPICAL MEDICINE LABORATORY.—Research and Educational Hospitals. One-half of class, one 2-hour period each week for twelve weeks. 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. Dr. BECKER, Dr. HOOVER, Dr. WEISBERG, Dr. CRONHEIM, Dr. RUBENSTEIN, Dr. COTELL, Dr. YONAN.
58. DISPENSARY.—Research and Educational Hospitals. Four weeks. Fifteen hours a week. I, II, and III. Professor FOLEY, Assistant Professors PROPST, STREICHER, DEUSS, and LENDRUM, Dr. GOLDWASSER, Dr. KLEMPNER, Dr. DARLING, Dr. BERNSTEIN, Dr. HOOVER, Dr. LEVY, Dr. PEARLMAN, Dr. S. O. SCHWARTZ, Dr. GROSZ, Dr. DORMAN, Dr. CRONHEIM, Dr. JOHNSON, Dr. COTELL, Dr. GREGORIO.
59. CLERKSHIPS.—Presbyterian, Cook County, and Research and Educational Hospitals. Twenty-eight hours a week for six weeks. I, II, and III. Professors BROWN, FOLEY, IRONS, KELLY, POST, STRAUSS, and WOODYATT, Associate Professors ARKIN, FORAN, LEVINSON, 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. Professors FOLEY and THOMPSON, Associate Professor SHEAFF, Assistant Professors BOIKAN, LENDRUM, STRAUS, and STREICHER, Dr. DARLING, Dr. FISCHER, Dr. KESLER, Dr. PAUL, Dr. WEISBERG.

Courses for Graduate Students

101. RESEARCH IN MEDICINE.—(1 to 3 units). Professors KEETON and FOLEY, Associate Professor BIRCH.

MEDICAL ILLUSTRATION

Professors: JONES.

Associates: MASON, SHEPARD.

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 4:00 p.m. Fee for each quarter, \$33, plus laboratory fees.

NEUROLOGY AND NEUROLOGICAL SURGERY

Professors: OLDBERG (Head of Department), HASSIN (Emeritus), BAILEY, BASSOE (Emeritus), FAVILL, BUCY, MACKAY.

Associate Professors: AVERY, VERBRUGGHEN.

Assistant Professors: DIAMOND (Emeritus), LICHTENSTEIN.

Associates: GUSTAFSON,¹ HARDT.

Instructors: HAASE.

Assistants: STEPHENS, CHENAULT,¹ GAROL,¹ GREEN,¹ LAMS, MAXWELL, LONSDALE, PRIBRAM, POWELL.

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 SURGERY.—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, CULBERTSON (Emeritus), HEANEY, HOLMES (Emeritus), KANTER, WEBSTER (Emeritus).

Associate Professors: BROWNE, ALLEN.

Assistant Professors: LANG (Emeritus), HAMMOND, STONE (Emeritus), LASH, NEWBERGER (Emeritus), KOBAK, LIFVENDAHL, BOYSEN,¹ EDWARDS, KLAWANS, PRIEST.

Associates: REZEK, WOLFF, BOLEY, DECOSTA,¹ DRAA,¹ HIBBERT, STULIK,¹ MARYAN, DARO,¹ ROOS, SERED.

Instructors: A. R. BACON, BLOOMFIELD, C. O. SMITH,¹ BERNELL,¹ FREDA, CAREY, BAUM,¹ BOND,¹ TURNER,¹ WALSH, TETON, MOUZAKEOTIS.

Assistants: ROSSITER, DOBSON, EVANS,¹ BENENSOHN, PIERCE, CAMPBELL, DELEE, BRAND, TOM, ROLD, GLENNER, KROGER, HONE, H. E. SMITH.

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 sup-

¹On leave of absence for war service.

plemented 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.**—Seminar and demonstration. One 1-hour period each week. I, II, and III. Dr. ROOS, Dr. FREDA, Dr. TETON, Dr. DELEE, Dr. BOLEY, Dr. WALSH, Dr. REZEK, and Dr. WOLFF.
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. ROOS, Dr. TETON, Dr. MARYAN, Dr. FREDA, Dr. DELEE, Dr. WALSH, Dr. BRAND, Dr. SERED.
13. **WARD WALK.**—Six 2-hour periods for two weeks.
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, and associate.

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. Two 2-hour periods each week for six weeks. I, II, and III. Assistant Professor KOBAK, Dr. REZEK, Dr. MARYAN.
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. **LECTURE AND SEMINAR.**—Conferences supplemented by lectures on special topics such as radium and X-ray therapy, sterility and conception, endocrinology, and malignant tumors of the sexual organs. One hour each week. I, II, and III. Each student attends only one quarter. Professor FALLS, Associate Professor BROWNE, Assistant Professors LIFVENDAHL, LASH, and KOBAK, Dr. SERED, Dr. CAREY.
62. **CLINIC.**—Demonstration course. Cook County Hospital. One hour 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. Two 2-hour periods 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.
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. Ward rounds by Professor FALLS, Dr. FREDA, Dr. ROOS.
66. **OBSTETRICAL AND GYNECOLOGICAL LABORATORY.**—Gross and microscopic specimens of such obstetrical complications as ruptured uterus, ablatio placenta, puerperal sepsis, ectopic pregnancy, hydatid and blood moles, and various diseases and abnormalities of the fetus and newborn. Bacteriological as well as pathological material is presented, and fresh specimens when available. One 2-hour period each week for six weeks. I, II, and III. Dr. FREDA, Dr. TETON.

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.
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.
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 KOBAK and his 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.**—Offered in connection with the Illinois State Department of Public Health. Half time in pediatrics and half in obstetrics. Lectures, demonstrations, ward walks, manikin, round table discussions, and clinical conferences; opportunity to witness deliveries, both in hospital and homes. One-week course repeated several times during the summer and two-week course repeated throughout the school year. Limited to four men each two-week period during the school year and twenty men each week during the summer. Preference given to candidates from outside Chicago. Limited to residents of Illinois. Registration fee \$10. University of Illinois staff and instructors invited from Northwestern University and University of Chicago.

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.¹

Associates: HORICK, RISER, DONEGAN, LEECH, PALMER.

Instructors: BROOKS, FOLK, CARMODY, CRANE,¹ SCHERIBEL.

Assistants: VAN ATTA,¹ CERNY, SUKUMLYN, DORNE,¹ RIVARD, MADI, BREAKSTONE, WELCKER.

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, re-

¹On leave of absence for war service.

fraction (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 a.m. to 12 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 357.

91. PATHOLOGY OF THE EYE.—Four months. Hours to be arranged. I, II, or III. For fees, see page 357. 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,¹ LAMBERT.¹

Associates: MARSHALL, FISCHER, GRIMMER, MILLER,¹ TURNER.

Instructors: SHAPIRO,¹ VARZINO,¹ FARRINGTON,¹ SCHMIDT, WRIGHT.²

Assistants: RICHARDSON, DRISCOLL, EICHELBAUM, FAHEY.

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.
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. Associate Professor HARK.
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.

Courses for Graduate Students

101. RESEARCH IN ORTHOPAEDIC SURGERY.—(1 to 3 units).

PATHOLOGY

Professors: DAVIS (Emeritus), LEVINSON, SAPHIR, RUKSTINAT.

Associate Professors: PILOT,¹ NEDZEL, PIETTE, DAVIDSOHN, HINE.

Assistant Professors: MILLES,¹ KEARNS,¹ MACFATE.

Associates: MELNICK,¹ BERG.¹

Instructors: LEV,¹ POPPER, CAHN-BRONNER, MASON, GRIMM,¹ JENSIK, LUBITZ, HIRSCH.

Assistants: WHITCOMB, FISHKIN,¹ STOBART, BEISER.

Cooperating: Dr. I. DREYER,¹ Dr. R. I. KLEIN.

¹On leave of absence for war service.

²Resigned.

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. Pathogenic bacteriology, both general and special, is given in the quarter preceding pathology. General pathology and clinical pathology follow in natural sequence in the second and third quarters of the second year. During the latter part of this period special pathology is presented. A continuation course in special pathology with emphasis on autopsies and gross morbid anatomy in the third year concludes the formal instruction in this department.

Required Courses—Second Year

1. GENERAL PATHOLOGY AND PATHOLOGIC HISTOLOGY.—Lectures, recitations, demonstrations, and laboratory. Twelve hours each week. II and III. Professors LEVINSON, SAPHIR, and RUKSTINAT, Associate Professors NEDZEL, DAVIDSOHN, and PIETTE, Dr. JENSIK, Dr. MASON, 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. CLERKSHIP IN PATHOLOGY.—Twelve weeks clerkship involving attendance at all autopsies, assistance at autopsies, making histologic and bacteriologic preparations of autopsy material, summarizing each autopsy case, and presenting the case report at a weekly conference. Reviews in special pathology are also given. Five hours each week. Professors LEVINSON, SAPHIR, and RUKSTINAT, Associate Professors NEDZEL, DAVIDSOHN, and PIETTE, Dr. POPPER, Dr. CAHN-BRONNER, Dr. MASON, Dr. JENSIK, Dr. LUBITZ, 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). Associate Professor NEDZEL.
103. INDIVIDUAL RESEARCH.—(1 to 3 units). Associate Professor NEDZEL.
105. ORAL PATHOLOGY.—(1 to 3 units). Associate Professor HINE, Assistant Professor LADD.

PEDIATRICS

Professors: HESS (Head of Department), IRISH¹ (Emeritus), BLATT, PONCHER, PARMELEE, GRULEE, HOYNE.

Associate Professors: HAMILTON,² BRONSTEIN, LESLIE, SANFORD.

Assistant Professors: BOWER, GASUL, LEICHENGER, LEVIN, HOFFMAN,² CHAMBERLAIN, LEVINSON, SALTIEL, BEVERLY, STULIK, BUTLER, ALLIN (Emeritus).

Associates: GOLDBERGER,² ROBINS,² HALPERN, HARRISON,² LEWISON,² SHAW, ZAVERTNIK.

Instructors: PAUKER, SULDANE, KLEIN, PADNOS, TIGAY, ABELSON,² BARATZ,² SPAETH, RICHTER.²

Assistants: GETTELMAN,² WOLF,² BRESLOW,² BOHNING, WELFORD,² JACKSON, MIZENBERG, SHMIGELSKY, HARRIS.²

Cooperating: Professor P. L. SCHROEDER,² Associate Professor G. J. MOHR, Assistant Professor S. A. SZUREK.²

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 at Cook County Children's

¹Deceased December 9, 1943.

²On leave of absence for war service.

³On leave of absence for the year.

Hospital conjointly with the clinical clerkship. The essential plan 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 conferences, and informal discussions in small groups. Clinical and didactic instruction in applied immunology 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. Members of the Pediatric staff.
11. DISPENSARY.—Two hours daily for two weeks, examining and studying out-patient cases. Research and Educational Hospital. Members of the Pediatric staff.

Required Courses—Fourth Year

50. SUPERVISED CASE STUDY AND CONFERENCE ON DISPENSARY PATIENTS IN PEDIATRIC CLINIC.—Research and Educational Hospital. Six 2-hour periods each week for two 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. Professor P. L. SCHROEDER and staff cooperating.
52. CLINICAL DEMONSTRATION OF DISEASES IN INFANCY AND CHILDHOOD.—Entire class one hour each week. I, II, and III. Professors HESS, GRULEE, and PONCHER.
53. CLINIC.—Clinical demonstration of diseases in infancy and childhood. One session is devoted exclusively to the care and management of the newly born. Cook County Children's Hospital. One hour daily except Thursday for three weeks; small groups. I, II, and III. Professors BLATT, PONCHER, PARMELEE, Associate Professor BRONSTEIN, Assistant Professors BOWER, GASUL, STULIK, and BUTLER.
54. CLERKSHIP.—Supervised case study of patients in the pediatric wards of Cook County Children's, Cook County Contagious, Presbyterian, and Research and Educational Hospitals. Systematic clinical lectures on diseases of infancy and childhood are presented by members of the attending staff of the Cook County Children's Hospital one hour each week for six weeks. The entire clerkship is of six weeks duration. Four weeks are spent on the wards and in the out-patient department of Cook County Children's Hospital daily, and two weeks are spent at Cook County Contagious Disease Hospital where the students receive didactic instruction and clinical demonstration of the acute contagious diseases. In the afternoon the students on the contagious clerkship spend two weeks of supervised case study on the pediatric ward of the Research and Educational Hospital.
56. PEDIATRIC SEMINARS.—Pediatric diagnosis, applied immunology and serotherapy in pediatrics, pediatric therapeutics, mental hygiene, and endocrinology in pediatrics. Five 2-hour periods each week for four weeks. Professors PONCHER and PARMELEE, Associate Professors BRONSTEIN and MOHR, Assistant Professor LEVINSON.

Courses for Graduate Students

101. RESEARCH IN PEDIATRICS.—(1 to 3 units). Professors HESS and PONCHER.

PHARMACOLOGY, MATERIA MEDICA, AND THERAPEUTICS

Professors: MCGUIGAN (Emeritus), CAMP.¹

Assistant Professors: STRUCK.

Instructors: DYNIEWICZ.

Cooperating: Dean E. R. SERLES, Assistant Professors F. C. LENDRUM and F. T. MAHER, Mr. L. TEMPLETON, Mr. B. E. BENTON.

¹On leave of absence for four months beginning December 1, 1943.

Required Courses—First Year

1. MATERIA MEDICA.—Lectures, conferences, quizzes, and laboratory. Three hours each week, II; five hours each week, III. Professor CAMP and others. (Dean SERLES and other members of the College of Pharmacy cooperating.)

Required Courses—Second Year

- 2a. PHARMACODYNAMICS, TOXICOLOGY, BIOASSAY, and CHEMOTHERAPY.—Lectures, conferences, quizzes, and laboratory. Five hours each week for eleven weeks. I and II (Pharmacodynamics); five hours each week for ten weeks, III (Toxicology, Bioassay, and Chemotherapy). *Prerequisite:* Pharmacology 1, Chemistry 1 and 2, Physiology 1. Professor CAMP and others.
- 2b. PRESCRIPTION WRITING.—Lectures and quizzes. One hour each week. I, II, and III. *Prerequisite:* Pharmacology 1. Professor CAMP and others.

Required Courses—Third Year

3. APPLIED PHARMACOLOGY.—Lectures and quizzes. One hour each week. I, II, and III. Assistant Professor LENDRUM (Department of Medicine cooperating).

Required Courses—Fourth Year

4. CLINICAL THERAPEUTICS.—One 2-hour clinic each week. One-third of class each quarter. I, II, and III. Assistant Professor LENDRUM (Department of Medicine cooperating).

Elective Courses

Subject matter will be arranged to accommodate the students registering.
Courses will be given to any group of ten students or more.

Courses for Graduate Students

101. ADVANCED PHARMACOLOGY.—(1 to 3 units). Professor CAMP.
103. RESEARCH IN PHARMACOLOGY.—(1 to 3 units). Professor CAMP.

PHYSIOLOGICAL CHEMISTRY

Professors: WELKER (Head of Department).

Associate Professors: BERGEIM.

Assistant Professors: COLE, JOHNSON, KLEIN, HORWITT.

Instructors: HARVEY.

Assistants: ROBBINS.

Cooperating: Professor R. W. KEETON.

Required Courses—First Year

1. 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. CHEMISTRY OF BILE, BLOOD, MILK, AND TISSUES.—Metabolism; chemistry of urine (qualitative and quantitative). Lectures, demonstrations, conferences, and laboratory. Nine hours each week. II. Professor WELKER and other members of the staff. (*Note:* Approximately eight hours of the lectures will be delivered by Professor KEETON, of the Department of Medicine, to correlate the work in Physiological 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.

PHYSIOLOGY

Professors: WAKERLIN (Head of Department), BACHEM, REED.
Associate Professors: COLLINS, WIGGERS.
Assistant Professors: INGRAHAM.
Associates: DILLE.
Assistants: WEIR,¹ MOSS,¹ GOLDBERG, CANHAM, OHLER.
Cooperating: Associate Professor W. S. McCULLOCH.

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 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.
 55. **PROBLEMS IN PHYSIOLOGY.**—Professors WAKERLIN and REED.

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.

¹Resigned.

PSYCHIATRY

Professors: GERTY (Head of Department), SCHROEDER,¹ ALEXANDER, HAMILL.

Associate Professors: LOW, McCULLOCH, HOFFMAN, ROTMAN, BRAUDE, CARMICHAEL, MEDUNA, OLKON, SOLOMON.

Assistant Professors: SZUREK,² HAINES, BOSSELMAN, KLEIN, SHERMAN, PASKIND, SONENTHAL,¹ RHEINGOLD,¹ BRODER.

Associates: KRAINES,¹ BLAUROCK,¹ SHARP, ZEITLIN.

Lecturers: ZIEGLER.

Instructors: WHEELER, GOODWIN, URY, HEILBRUNN, TARLOW.

Assistants: SKORODIN, NOLAN, WEINBERG,¹ CHAPIN, HEISLER, BEGUESSE, BEIGLER,¹ TUTUNJIAN, FROMM.

Research Assistants: CARLSON, ALTMAN, GASSMAN, LINDHOLM, WRIGHT, KRONENBERG.

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.—(a) Orientation, (b) Biological Basis of Personality, (c) Psychiatric Psychology. One hour each week. I and II. Professor GERTY, Associate Professor CARMICHAEL, Dr. URY, Dr. SHARP.

Required Courses—Second Year

5. CHILD PSYCHIATRY.—One hour each week. I, II, and III. Professor SCHROEDER, Associate Professor MOHR, Assistant Professor JOHNSON.

Required Courses—Third Year

10. CLINICAL DESCRIPTIVE PSYCHIATRY.—Two hours each week. I, II, and III. Professor GERTY, Associate Professor CARMICHAEL, Assistant Professor BOSSELMAN.
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 MEDUNA, Assistant Professors SHERMAN and BOSSELMAN, Dr. URY.

Required Courses—Fourth Year

51. DISPENSARY.—One 2-hour period each week for six weeks. I, II, and III. Professor SCHROEDER, Associate Professors CARMICHAEL, LOW, ROTMAN, BRAUDE, and OLKON, Assistant Professors SHERMAN, BOSSELMAN, PASKIND, BRODER, and others.
53. SUMMARY COURSE.—One hour each week. I. Professor GERTY, Associate Professors CARMICHAEL and SOLOMON.

Courses for Graduate Students

101. RESEARCH IN PSYCHIATRY.—(1 to 3 units). Professor GERTY, Associate Professor McCULLOCH.

¹On leave of absence for war service.

RADIOLOGY

Professors: HARTUNG.

Associate Professors: SQUIRE.

Assistant Professors: WACHOWSKI, BEILIN, PETERSEN, SLAUGHTER.

Associates: LEDOUX.¹

Instructors: JOHNSON.

Assistants: WILSON, MARTIN, SNOWDEN.

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. Professor HARTUNG.
51. DISPENSARY.—Technic, interpretation, and therapy. Taught in connection with various clinical clerkships. Professor HARTUNG, Assistant Professors WACHOWSKI, BEILIN, and PETERSEN, Dr. JOHNSON.

Courses for Graduate Students

101. RESEARCH IN RADIOLOGY.—(1 to 3 units). Professor HARTUNG.

SURGERY

A. GENERAL SURGERY

Professor COLE (Head of Department)

Professors: PERCY, PHIFER, McARTHUR, DAVID, C. B. DAVIS, MILLER,¹ MONTGOMERY, SPEED.

Associate Professors: POST,² NADEAU,¹ BAMBERGER, KOUCKY,¹ MALCOLM, SEED,¹ DE TAKATS, PUESTOW,¹ VAN HAZEL, JIRKA, SCHULTZ, HAZLETT, LYON, BETTMAN, KORDENAT,¹ POTTS,¹ SPIVACK, F. H. STRAUS,¹ VAUGHAN, G. G. DAVIS,¹ BAKER, ODEN.

Assistant Professors: MORA, MEYER, JOANNIDES, WERNICKE,³ GREELEY,¹ LAWTON,¹ McMILLAN,¹ D. C. STRAUS, THEIS,¹ SLAUGHTER, ALMQUIST, OLMSTED,¹ SCUDERI,¹ PARKER, REYNOLDS, STEPHENS.

Associates: GREEN, BECK,¹ PICK,¹ JAFFRAY,¹ MISHKIN,¹ DIGGS,¹ FELL,¹ GILCHRIST,¹ OLWIN,¹ ROSI,¹ THOREK, DORSEY, IRENEUS, LOTSPIECH, PROHASKA.

Instructors: BROWN,¹ HALEVY,¹ FLANNERY,¹ WAGNER,¹ REUTHER,¹ STROHL,¹ DIFFENBAUGH,¹ F. H. FOWLER, ROTH,¹ KLEITSCH,¹ HOLUB.

Assistants: MATTHIES, HANSON,¹ HOFRICHTER,¹ FEHR, MONROE,¹ NITTIS, PETERSON, KAISER, LIN, CORPE,¹ HANSELMAN,¹ TEXTOR,¹ McDONALD,¹ C. B. DAVIS, JR., E. F. FOWLER, HAMLIN, KILBOURNE, ROSSITER, WILLIAMS, LASK.

Cooperating: Assistant Professor G. L. ZECHEL.

NOTE: Class work in surgery is begun in the second semester of the second year, and consists of an informal introductory course covering such problems as surgical bacteriology, infections, and wounds. Work of the third year includes a formal didactic course and a clerkship in Presbyterian and Cook County Hospitals. 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 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 six-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

¹On leave of absence for war service.

²Deceased March 2, 1944.

³Resigned.

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—First Year

1. **FIRST AID.**—Instruction in types of emergencies; material needed for treatment; methods of splinting and controlling hemorrhage; respiratory emergencies; etc. Lecture one hour each week for fifteen weeks. Manual practice in first aid. Six 1-hour periods. II. Professor COLE and associates.

Required Courses—Second Year

2. **INTRODUCTION TO SURGERY.**—Asepsis, surgical bacteriology, infections, surgical methods, wounds, shock, hemorrhage, surgery of blood vessels and lymphatics. One hour each week. III. Assistant Professors MORA, STEPHENS, and JOANNIDES, Dr. IRENEUS.

Required Courses—Third Year

10. **FUNDAMENTAL PRINCIPLES OF SURGERY.**—Recitation course. One hour each week for three quarters. I, II, and III. Professor COLE, Associate Professors POST and BAMBERGER, Dr. THOREK.
11. **SURGICAL DIAGNOSIS.**—Research and Educational Hospital. One hour each week. I, II, and III. Professor PHIFER.
12. **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.
15. **INTRODUCTORY COURSE IN FRACTURES.**—One 1-hour period each week for 12 weeks. I, II, and III. Presbyterian Hospital. Professor SPEED and Assistant Professor SCUDERI.
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 and SCHULTZ, Assistant Professors MORA and WERNICKE, Dr. IRENEUS, 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.

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. Presbyterian Hospital: Professors DAVID and SPEED, Dr. DORSEY, and associates. Cook County Hospital: Professor DAVID, Associate Professor VAUGHAN, Assistant Professor SLAUGHTER, and others.
60. **SURGICAL FIRST AID.**—One hour each week for six weeks. I and II. Assistant Professors MORA and PARKER.
61. **SURGICAL PATHOLOGY.**—One 1-hour period each week for twelve weeks. I, II, and III. Assistant Professor SLAUGHTER.
70. **FRACTURES.**—One 1-hour period and one 2-hour period each week for six weeks. I, II, and III. Assistant Professor SCUDERI, Dr. KAISER.
81. **EMERGENCY SURGERY CLINIC.**—One 1-hour period each week. I, II, and III. Assistant Professor REYNOLDS.
82. **EMERGENCY SURGERY CLINIC.**—One 1-hour period each week. I, II, and III. Assistant Professor SLAUGHTER.

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.

Assistant Professors: BUCKMAN, COTTRELL, PARKER,¹ SULLIVAN, HECKEL, KIEFER, MERRICKS.

Associates: GERNON, RITCH, SCHACHT, DRABANSKI.¹

Assistants: SORENSEN,¹ HOLM,¹ SOKOL,¹ GAINES,¹ GERMAN,¹ POREMSKI,¹ ROMBERGER.

Required Courses—Third Year

10. FUNDAMENTALS OF UROLOGY.—Conferences and recitations. One hour each week. I. Professor MCKENNA, Associate Professor HERROLD, Assistant Professor KIEFER, Dr. GERNON, Dr. SCHACHT.

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.

Instructors: HECKEL, RAPOPORT.

Assistants: BRYAN,² 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). Under supervision, the student gives the anaesthetic to patients assigned to him on the ward. I, II, and III. Associate Professor CASSELS and others.

¹On leave of absence for war service.

²Resigned.

The College of Dentistry

808 South Wood Street, Chicago

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 DENTISTRY¹

Subjects	First Quarter		Second Quarter		Third Quarter		Total
	Didactic	Laboratory	Didactic	Laboratory	Didactic	Laboratory	
FIRST YEAR							
Anatomy, Gross.....	22	66	22	66	22	66	264
Anatomy, Neurology.....	..	..	..	..	11	22	33
Anatomy, Oral.....	11	33	11	33	11	33	132
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
Physiological Chemistry.....	33	66	33	66	..	..	198
Physiology.....	..	..	..	..	44	57	101
<i>Total</i>	110	209	104	209	121	222	975
SECOND YEAR							
Applied Anatomy of Head and Neck.....	..	..	5	..	11	..	16
Bacteriology.....	33	66	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.....	..	..	22	44	33	44	143
Physiology.....	44	30	44	57	..	..	175
Preventive Medicine.....	..	..	..	..	33	..	33
Therapeutics.....	..	..	11	22	..	33	66
<i>Total</i>	154	228	126	228	107	313	1,172
Subjects	First Quarter		Second Quarter		Third Quarter		Total
	Didactic	Laboratory or clinic	Didactic	Laboratory or clinic	Didactic	Laboratory or clinic	
THIRD YEAR							
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.....	11	..	22	..	..	..	33
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
Pharmacology.....	11	..	11	..	11	..	33
Radiology.....	..	2	..	..	..	7	9
Radiographic Interpretation.....	10	..	..	..	..	..	10
Therapeutics, Clinic.....	..	45	..	50	..	50	145
Therapeutics, Didactic.....	..	..	11	..	22	..	33
<i>Total</i>	131	328	128	207	96	214	1,104
FOURTH YEAR							
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.....	..	..	..	..	6	..	6
Medicine.....	11	..	11	..	11	..	33
Operative Dentistry.....	6	55	5	50	5	50	171
Oral Surgery.....	11	44	11	44	11	44	165
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>	69	313	74	315	60	301	1,132
GRAND TOTAL							4,383

¹Under 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 58; for *admission*, see pages 92 and 94; for *fees*, see page 100; for *scholarships*, see page 117; for *loan funds*, see page 120; for *college organizations*, see page 354.

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 94).

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 when 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 358.

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 1943-1944, 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.

ADMITTING CLINIC

Assistant Professors: KREJCI (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.—1. 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, WEBB, SIMER.

Assistant Professors: ZECHEL.

Instructors: FISCH, STEIN,¹ GLASSMAN.¹

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, Associate Professor JORANSON, 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.

¹On 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 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. 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.¹

Assistant Professors: WACH.

Associates: GRUNWALD, KRAMP.

Instructors: ELLINGSON, BERMAN, GRATZINGER.

Assistants: McELROY.

Cooperating: Associate Professor M. K. HINE.

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, 1, 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, 1, I; 2, II. 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; 2, 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.
37. **PHARMACOLOGY.**—Lecture and demonstration, 1. Continuous through I, II, and III. Professor CAMP and others.

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.

¹On leave of absence for four months beginning December 1, 1943.

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.

DENTISTRY FOR CHILDREN

Assistant Professors: GERLACH (Superintendent of Children's Clinic).
Associates: NELSON.
Instructors: SPENCE.¹

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,¹ SPENCE,¹ GAGNON.
Cooperating: Assistant Professor MARGOT ULLOA.

¹On leave of absence for war service.

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 and 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.
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

Lecturer: 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 (six weeks), III. Mrs. JOHNSON.

MEDICAL AND DENTAL HISTORY

Assistant Professor 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

31. 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, SENEAR, PONCHER, FOLEY.

Associate Professors: CORNBLEET, BRONSTEIN, BIRCH, CARO.

Assistant Professors: DALITSCH,¹ PERLSTEIN, LEE.

Instructors: WEICHSELBAUM.

Cooperating: Assistant Professors F. F. KANTHAK,¹ M. MASSLER.

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. WEICHSELBAUM.
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 (Examiner in the Admitting Clinic), ULLOA, HURME.

Associates: BAXTER, BESIC.

Instructors: DIETZ,¹ LINK, WASHBURN.

¹On leave of absence for war service.

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. BESC.

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: MOOREHEAD (Head of Department), L. SCHULTZ (Emeritus).

Assistant Professors: L. W. SCHULTZ (assigned to Research and Educational Hospital), KANTHAK,¹ DROBA, OLECH, THOMPSON.

Associates: KILLIP.

Instructors: RIEKE, SAMORS, BASS.

Assistants: SERON, WLODKOWSKI, MAYNE.

Required Courses—Third Year

31. ANAESTHETICS.—Lecture and conference, 1, II. Assistant Professors OLECH and DROBA.
34. EXTRACTING CLINIC.—Students assigned in groups, one 4-hour period (two weeks), II or III. Assistant Professors OLECH and DROBA, Dr. SAMORS, Dr. SERON, Dr. WLODKOWSKI, Miss RIEKE.

Required Courses—Fourth Year

41. ORAL SURGERY.—Clinic, two 2-hour periods, lecture, 1. Continuous through I, II, and III. Professor MOOREHEAD, Assistant Professors OLECH and DROBA, Dr. SAMORS, Miss RIEKE.
45. EXTRACTING CLINIC.—Students assigned in groups, six 4-hour periods. Continuous through I, II, and III. Assistant Professors OLECH and DROBA, Dr. SERON, Dr. SAMORS, Dr. WLODKOWSKI, Miss RIEKE.

¹On leave of absence for war service.

Elective Courses—Fourth Year

51. **EXTRACTION.**—Extended instruction. Lecture, 1, laboratory, one 3-hour period, I. Eligibility to be determined by student's record. Professor MOOREHEAD, 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. Professor MOOREHEAD, Assistant Professors OLECH and DROBA, Miss RIEKE.

Courses for Graduate Students

103. **ORAL SURGERY.**—(2 units). Professor MOOREHEAD.

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, 1, I; (five weeks), II. Professor BRODIE.

Required Courses—Second Year

23. **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, 1, (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, 1. 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, 1, 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, 1, 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: DAVIS (Emeritus), LEVINSON.

Associate Professors: PILOT,¹ NEDZEL, HINE.

Assistant Professors: LADD, MILLES.¹

Instructors: BARNFIELD.

Cooperating: Dr. J. J. SAMORS.

Required Courses—Second Year

22. GENERAL PATHOLOGY.—Principles of general pathology. Circulatory disturbances, retrogressive and progressive changes, inflammation, tumors and the special pathology of the important organs of the body. Emphasis is placed on the study of gross specimens both fresh and preserved. Attendance at autopsies is required in the second half of the first quarter and throughout the second quarter. Lecture, recitation, and demonstration, 2, laboratory, two 2-hour periods, II; lecture, recitation, demonstration, 3, laboratory, two 2-hour periods, III. Associate Professor HINE, Assistant Professor LADD, and others.

Required Courses—Third Year

31. ORAL PATHOLOGY.—Lecture, recitation, demonstration, 3, laboratory, two 2-hour periods, I. Associate Professor HINE, Assistant Professor LADD, Dr. SAMORS, Dr. BARNFIELD.

Elective Courses

53. 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, Assistant Professor LADD, Dr. SAMORS, Dr. BARNFIELD.

Courses for Graduate Students

101. ADVANCED PATHOGENESIS.—(1 to 3 units). Associate Professor NEDZEL.
 103. INDIVIDUAL RESEARCH.—(1 to 3 units). Associate Professor NEDZEL.
 105. ORAL PATHOLOGY.—(1 to 3 units). Associate Professor HINE, Assistant Professor LADD.

PHYSIOLOGICAL CHEMISTRY

Professors: WELKER (Head of Department).

Associate Professors: BERGEIM.

Assistant Professors: COLE, JOHNSON.

Instructors: HARVEY.

Assistants: ROBBINS.

Required Courses—First Year

11. PHYSIOLOGICAL CHEMISTRY.—Physico-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. HARVEY, Mr. ROBBINS.
 12. PHYSIOLOGICAL CHEMISTRY.—Chemistry of bile, blood, milk, and tissues. Metabolism. Chemistry of urine (qualitative and quantitative). Lectures, demonstrations, conferences, laboratory, 9, II. Associate Professor BERGEIM, Assistant Professors COLE and JOHNSON, Dr. HARVEY, Mr. 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.

¹On leave of absence for war service.

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.

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: WESSELY.

Assistants: STOCKTON,¹ 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.

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.

¹On leave of absence for war service.

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,¹ DITTMAR,¹ KINSINGER,¹ BONE, WEIHE, KWIGINSKI.

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

Professors: HARTUNG.

Assistant Professors: WACHOWSKI.

Technicians: ANDERSON.

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.

¹On leave of absence for war service.

The College of Pharmacy

808 South Wood Street, Chicago

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 396-399. 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 211.

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 61; for *admission*, see pages 92 and 97; for *fees*, see page 100; for *scholarships and fellowships*, see page 117; for *loan funds*, see page 120; for *college organizations*, see page 354.

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 two 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 chemistry.

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 in 1937 the sum of one thousand dollars to be held in trust by the University. The annual income from this bequest is to be used for the purchase of a

SUMMARY OF CURRICULUM IN PHARMACY

First Two Years in All Curricula

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
FIRST YEAR				
FIRST QUARTER				
Chemistry 11.....	3	3	6	4
English 11.....	3	..	3	3
Pharmacy 11.....	3	..	3	3
Zoology.....	4	6	10	6
Hygiene 11.....	1	..	1	0
<i>Total</i>	14	9	23	16
SECOND QUARTER				
Chemistry 12.....	3	3	6	4
English 12.....	3	..	3	3
Mathematics 12.....	4	..	4	4
Pharmacy 12.....	2	2	4	3
Botany 12.....	2	4	6	4
<i>Total</i>	14	9	23	18
THIRD QUARTER				
Chemistry 13.....	3	3	6	4
English 13.....	3	..	3	3
Mathematics 13.....	3	..	3	3
Pharmacy 13.....	2	2	4	3
Botany 13.....	2	4	6	4
<i>Total</i>	13	9	22	17
SECOND YEAR				
FIRST QUARTER				
Chemistry 21.....	3	6	9	5
Pharmacy 21.....	3	3	6	4
Pharmacognosy 21.....	3	4	7	5
Physics 21.....	3	3	6	4
<i>Total</i>	12	16	28	18
SECOND QUARTER				
Chemistry 22.....	2	6	8	4
Pharmacy 22.....	3	3	6	4
Pharmacognosy 22.....	3	4	7	5
Physics 22.....	3	3	6	4
<i>Total</i>	11	16	27	17
THIRD QUARTER				
Chemistry 23.....	2	6	8	4
Pharmacy 23.....	3	3	6	4
Pharmacognosy 23.....	3	4	7	5
Physics 23.....	3	3	6	4
<i>Total</i>	11	16	27	17

Retail Pharmacy Major

THIRD YEAR				
FIRST QUARTER				
Chemistry 31.....	3	3	6	4
Pharmacy 31.....	3	4	7	4
Pharmacy 34.....	2	..	2	2
Pharmacy 35a.....	2	..	2	2
Accounting 31.....	2	3	5	3
Elective.....	(..)	(..)	(..)	3
<i>Total</i>	(12)	(10)	(22)	18
SECOND QUARTER				
Chemistry 32.....	3	3	6	4
Pharmacy 32.....	3	4	7	4
Pharmacy 35b.....	2	..	2	2
Physiology 32.....	4	3	7	5
Elective.....	(..)	(..)	(..)	3
<i>Total</i>	(12)	(10)	(22)	18
THIRD QUARTER				
Bacteriology 33.....	5	6	11	8
Chemistry 33.....	3	3	6	4
Pharmacy 33.....	3	4	7	4
<i>Total</i>	11	13	24	16

SUMMARY OF CURRICULUM IN PHARMACY (continued)

Retail Pharmacy Major (continued)

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
FOURTH YEAR				
FIRST QUARTER				
Chemistry 41.....	2	9	11	5
Pharmacology 41.....	3	2	5	4
Pharmacy 41.....	2	4	6	4
Pharmacy 45.....	1	..	1	1
Pharmacy 48.....	3	..	3	3
<i>Total</i>	<u>11</u>	<u>15</u>	<u>26</u>	<u>17</u>
SECOND QUARTER				
Chemistry 42.....	4	..	4	4
Pharmacology 42.....	3	2	5	4
Pharmacy 42.....	2	4	6	4
Pharmacy 46.....	1	..	1	1
Electives.....	(..)	(..)	(..)	5
<i>Total</i>	<u>(10)</u>	<u>(6)</u>	<u>(16)</u>	<u>18</u>
THIRD QUARTER				
Pharmacology 43.....	3	2	5	4
Pharmacy 43.....	2	4	6	4
Pharmacy 47.....	1	..	1	1
Hygiene 41.....	2	2	4	3
Electives.....	(..)	(..)	(..)	7
<i>Total</i>	<u>(8)</u>	<u>(8)</u>	<u>(16)</u>	<u>19</u>

Hospital Pharmacy Major

THIRD YEAR				
FIRST QUARTER				
Chemistry 31.....	3	3	6	4
Pharmacy 31.....	3	4	7	4
Pharmacy 35a.....	2	..	2	2
Pharmacognosy 31a.....	2	3	5	3
Electives.....	(..)	(..)	(..)	3
<i>Total</i>	<u>(10)</u>	<u>(10)</u>	<u>(20)</u>	<u>16</u>
SECOND QUARTER				
Chemistry 32.....	3	3	6	4
Pharmacy 32.....	3	4	7	4
Pharmacy 35b.....	2	..	2	2
Physiology 32.....	4	3	7	5
Pharmacognosy 31b.....	1	6	7	3
<i>Total</i>	<u>13</u>	<u>16</u>	<u>29</u>	<u>18</u>
THIRD QUARTER				
Chemistry 33.....	3	3	6	4
Bacteriology 33.....	5	6	11	8
Pharmacy 33.....	3	4	7	4
<i>Total</i>	<u>11</u>	<u>13</u>	<u>24</u>	<u>16</u>
FOURTH YEAR				
FIRST QUARTER				
Chemistry 41.....	2	9	11	5
Chemistry 47.....	(3)	(6)	(9)	6
Pharmacology 41.....	3	2	5	4
Pharmacy 45.....	1	..	1	1
Pharmacy 49.....	1	6	7	3
<i>Total</i>	<u>(7)</u>	<u>(17)</u>	<u>(24)</u>	<u>19</u>
SECOND QUARTER				
Chemistry 42.....	4	..	4	4
Chemistry 48.....	(3)	(6)	(9)	6
Pharmacology 42.....	3	2	5	4
Pharmacy 46.....	1	..	1	1
Pharmacy 54.....	1	6	7	3
Pharmacy 50.....	1	6	7	3
<i>Total</i>	<u>(10)</u>	<u>(14)</u>	<u>(24)</u>	<u>21</u>
THIRD QUARTER				
Bacteriology 43.....	..	6	6	3
Hygiene 41.....	2	2	4	3
Pharmacology 43.....	3	2	5	4
Pharmacy 47.....	1	..	1	1
Pharmacy 56.....	1	6	7	3
Pharmacy 51.....	1	6	7	3
Electives.....	(..)	(..)	(..)	2
<i>Total</i>	<u>(8)</u>	<u>(22)</u>	<u>(30)</u>	<u>19</u>

SUMMARY OF CURRICULUM IN PHARMACY (continued)

Chemistry Major

Courses	Clock Hours Each Week		Total Clock Hours	Total Credit Hours
	Didactic	Laboratory		
THIRD YEAR				
FIRST QUARTER				
Chemistry 31a.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Chemical Microscopy 31a.....	2	3	5	3
Chemistry 34a.....	2	3	5	3
<i>Total</i>	10	16	26	15
SECOND QUARTER				
Chemistry 32a.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Physiology 32.....	4	3	7	5
Chemistry 34b.....	2	3	5	3
<i>Total</i>	12	16	28	17
THIRD QUARTER				
Chemistry 33a.....	3	6	9	5
Pharmacy 33.....	3	4	7	4
Bacteriology 33.....	5	6	11	8
<i>Total</i>	11	16	27	17
FOURTH YEAR				
FIRST QUARTER				
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
<i>Total</i>	12	23	35	21
SECOND QUARTER				
Chemistry 42.....	4	..	4	4
Pharmacology 42.....	3	2	5	4
Chemistry 48.....	3	6	9	6
Chemistry 46.....	2	9	11	5
<i>Total</i>	12	17	29	19
THIRD QUARTER				
Pharmacology 43.....	3	2	5	4
Chemistry 43.....	2	9	11	5
Chemistry 49.....	2	9	11	5
<i>Total</i>	7	20	27	14

Food and Drug Major

THIRD YEAR				
FIRST QUARTER				
Chemistry 31a.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Chemistry 34a.....	2	3	5	3
Chemical Microscopy 31a.....	2	3	5	3
<i>Total</i>	10	16	26	15
SECOND QUARTER				
Chemistry 32a.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Chemistry 34b.....	2	3	5	3
Physiology 32.....	4	3	7	5
<i>Total</i>	12	16	28	17
THIRD QUARTER				
Chemistry 33a.....	3	6	9	5
Pharmacy 33.....	3	4	7	4
Bacteriology 33.....	5	6	11	8
<i>Total</i>	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		
FOURTH YEAR				
FIRST QUARTER				
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>
SECOND QUARTER				
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>
THIRD QUARTER				
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

THIRD YEAR				
FIRST QUARTER				
Chemistry 31a.....	3	6	9	5
Pharmacy 31.....	3	4	7	4
Chemical Microscopy 31a.....	2	3	5	3
Pharmacognosy 32.....	1	9	10	4
<i>Total</i>	<u>9</u>	<u>22</u>	<u>31</u>	<u>16</u>
SECOND QUARTER				
Chemistry 32a.....	3	6	9	5
Pharmacy 32.....	3	4	7	4
Chemical Microscopy 31b.....	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>
THIRD QUARTER				
Chemistry 33a.....	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>
FOURTH YEAR				
FIRST QUARTER				
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>
SECOND QUARTER				
Chemistry 42.....	4	..	4	4
Pharmacology 42.....	3	2	5	4
Pharmacognosy 43.....	2	9	11	5
Chemistry 44.....	2	9	11	5
<i>Total</i>	<u>11</u>	<u>20</u>	<u>31</u>	<u>18</u>
THIRD QUARTER				
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>

gold medal, known as the C. P. Van Schaack Award, which is to be presented to the senior student making the highest average in chemistry during his entire course in the College of Pharmacy.

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 1943-1944, 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.

Staff

Professors: SERLES, CLARK (Emeritus), GATHERCOAL (Emeritus), WAKERLIN, WEBSTER, WIRTH, CAMP,¹ NOVAK.

Associate Professors: TERRY, H. L. DAVIS.²

Assistant Professors: EMIG, CLARKE, MAHER, VOIGT, KLEINBERG, KIRCH.

Associates: MORRISON, MARTIN, CARPENTER, SPENCE,² TEMPLETON, FIERKE, J. E. DAVIS, DOLK.

Lecturers: SHKOLNIK.

Instructors: BENTON.

Assistants: BRODY, SHARKA, COLLINS, SCHLOEMER.³

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.

¹On leave of absence for four months beginning December 1, 1943.

²On leave of absence for war service. ³Resigned.

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 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.
- 31-32-33. 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 one 3-hour laboratory period each week. I, II, and III, (4). Must be taken in sequence. *Prerequisite:* Chemistry 13 or its equivalent.
- 31a-32a-33a. ORGANIC CHEMISTRY.—The didactic portions of these courses are identical with Chemistry 31, 32, and 33, and are to be taken simultaneously. The laboratory work requires an additional 3-hour period each week, devoted to fundamental organic chemical reactions. Attention is directed to conditions leading to optimum yield and purity of product. 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 33.
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 33, 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 33 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 33, or their equivalents.
- 44a-44b. FOOD ANALYSIS.—Principles and methods of food analysis. Samples of food products are purchased and 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 33, 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 33 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. Barbitol, 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 33 or its equivalent.
- 47-48. PHYSIOLOGICAL CHEMISTRY.—Equivalent to Physiological Chemistry 1 and 2 in the College of Medicine. I and II, (6). Must be taken in sequence. *Prerequisite:* Chemistry 23 and 33, 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.—($\frac{1}{2}$ to 1 unit). Assistant Professor KIRCH.
134. PHYSICAL CHEMISTRY.—(1 unit). Assistant Professor GERSHON.
143. CHEMICAL TOXICOLOGY.—(1 unit).
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.—Four class periods each week. II, (4).
13. PLANE TRIGONOMETRY.—Three class periods each week. III, (3).

PHARMACOLOGY

- 21-22-23. 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 2-hour laboratory periods each week. I, II, and III, (5). Must be taken in sequence. *Prerequisite:* Zoology 11, Botany 13.
- 31a. 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.
- 31b. 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:* Chemical Microscopy 31a.
32. 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 23. May be elected in the junior or senior year.
41. COMMERCIAL PHARMACOLOGY.—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 PHARMACOLOGY.—Special divisions of pharmacology, including pollen grains and other vegetable and animal material related to allergy; the pharmacology 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:* Pharmacology 23. 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:* Pharmacology 23. 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, or III, (3). *Prerequisite:* Pharmacology 23. 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 31a; Chemistry 45 or registration in it. 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 cosmetic specialties. One lecture or recitation and two 2-hour laboratory periods each week. I, II, or III, (3). *Prerequisite:* Pharmacognosy 23 and 31a. May be elected in the senior year only.

Courses for Graduate Students

100. **SEMINAR IN PHARMACOGNOSY.**—(¼ 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.
- 131a-131b. **CHEMICAL MICROSCOPY.**—(1 unit). Professor WIRTH.
132. **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 23, Physiology 32, and Chemistry 33.

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 33.
- 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. I, (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 and II, (3). *Prerequisite*: Pharmacy 33, Chemistry 33.
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 33.
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 33, 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 some seventy out-patient diagnostic 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 and 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. A special feature of the Division's work is its program of speech rehabilitation.

District offices are located at Chicago, Mount Vernon, Peoria, Springfield, and Urbana. All correspondence should be addressed to the director at 1105 South Sixth Street, Springfield.

General Staff

LAWRENCE J. LINCK, M.S., Director
WARREN T. KINGSBURY, Assistant Director
WILLIAM G. MOTEL, M.D., Medical Officer¹
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 ¹
FRANCES CRITES	ESTHER LEBENS
MARIE CZWALINSKI	ANNETTE NILSSEN
MRS. ELSIE M. DUGAN	MARION SCHULER
CELIA M. FERGUSON	MRS. LUCILLE C. SHEPHERD
LOIS K. HARPER	

¹On 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*, 1943.

General Publications

The University has published a number of books, among which may be mentioned the following:

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 —) 1935; xii, 476 pages, 1 plate, \$7.50.

Volume II (Works through —) 1938; xi, 537 pages, 1 plate, \$7.50.

Volume III (in preparation).

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 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.

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.

- 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, \$3.
- 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 I, The Minor Poems, 1943; 465 pages, \$20.
- Volume II, *Paradise Lost*, First Edition 1667-1669. (*In press*).
- 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.
- The Taxation of Corporate Income, by Charles J. Gaa. (*In press*).
- The Molluscan Family Planorbidae, Classification and General Morphology, by Frank C. Baker. (*In press*).

Serials under the Auspices of the Graduate School

The Journal of English and Germanic Philology, now in its forty-third 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.

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.

Student Publications.—The *Daily Illini*, newspaper edited by University students; the *Illio*, yearbook of the graduating class; the *Illinois Agriculturist*, monthly 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) science aids service; (5) speech aids service; (6) visual aids service; (7) 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
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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.

¹On leave of absence for war service.

The following is a list of the courses offered by correspondence, as of January 1, 1944. 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.).

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 1943-1944 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 Effingham; second semester at East St. Louis. (1 unit). Assistant Professor A. W. ANDERSON.
- E101. Philosophy of Education.—Second semester at Springfield. (1 unit). Visiting Assistant Professor W. O. STANLEY.
- E109. Psychology of Adolescence for Teachers.—First semester at Decatur. (1 unit). Visiting Assistant Professor W. O. STANLEY.
- E119. Trends and Techniques in Curriculum Making.—First semester at Rockford; second semester at Peoria. (1 unit). Associate Professor B. O. SMITH.
- E121. Educational Measurements.—First semester at Springfield; second semester at Quincy. (1 unit). Associate Professor C. W. ODELL.
- E122. Educational and Vocational Guidance.—First semester at Quincy; second semester at Alton and Normal. (1 unit). Assistant Professor F. H. FINCH.
- E125. Advanced Educational Psychology.—First semester at Peoria; second semester at Rockford. (1 unit). Visiting Assistant Professor W. O. STANLEY.
- E135. Curriculum Problems and Trends in Elementary School Social Studies.—First semester at Alton and East St. Louis; second semester at Carbondale. (1 unit). Professor E. H. REEDER.
- E136. Diagnostic and Remedial Programs of the Schools.—First semester at Carbondale and Normal; second semester at Effingham. (1 unit). Assistant Professors E. W. DOLCH and G. M. BLAIR.
- E188. Curriculum Problems and Trends in Industrial Education.—First semester at Navy Pier; second semester at Peoria. (1 unit). Professor A. B. MAYS.

Extramural Courses in Political Science for Graduates

- E112. Problems in Public Administration.—First semester at Springfield. (1 unit). Associate Professor H. K. ALLEN.

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-four 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 sixteen thousand. Subjects of the courses are listed below.

Aircraft Production Processes.
 Cost Accounting.
 Cost Standards.
 Diesel Engine Operation.
 Electrical Circuits.
 Electrical Engineering.
 Electrical Machines.
 Electronic Control Devices.
 Engineering Chemistry—Analytic, Organic, and Inorganic.
 Engineering Drafting.
 Engineering Fundamentals.
 Engineering Mathematics.
 Explosives.
 Heat Treatment of Steels.
 Hydraulic Machines.

Industrial Accounting.
 Industrial Supervision.
 Internal Combustion Engines.
 Labor Relations.
 Map Making.
 Mechanics—Theoretical and Applied.
 Metallurgy of Iron and Steel.
 Office Management.
 Personnel and Industrial Relations.
 Petroleum Refinery Engineering.
 Production Engineering.
 Production Illustration.
 Production Supervision.
 Radio for Aircraft.
 Radio Fundamentals.

Reinforced Concrete Design.
 Safety Engineering.
 Sanitary Engineering for Emergencies.
 Steel Alloys.
 Strength of Materials.

Stress Analysis.
 Testing and Research with X-rays.
 Time and Motion Study.
 Tool Design.
 Ultra-high-frequency Techniques.

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.

Science Aids Service

The Science Aids Service was organized in 1939 to cooperate with the Junior Academy of Science movement and to make available for instructional use many excellent teaching materials. These materials, consisting of charts, pamphlets, specimens, etc., are assembled in kits for circulation among secondary schools. All correspondence may be addressed to the Supervisor of Science Aids Service, 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

UNDER 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. Nearly 28,000 volunteer school district 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

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 JAMES BURTON ANDREWS, M.S., Administrative Assistant and Associate Professor, Agricultural Extension
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 DARL MERIDETH HALL, Ph.D., Assistant Professor, Agricultural Extension
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 LULU SUSAN BLACK, A.M., Assistant State Leader and Associate, Home Economics Extension
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 LESLIE FERRIS STICE, B.S., Assistant Professor, Agricultural Economics Extension
 ELMER NEWTON SEARLS, M.S., Assistant Professor, Agricultural Economics Extension

¹On leave of absence beginning December 1, 1943.

²Resigned.

³On leave of absence for war service.

⁴Transferred to Emergency Farm Labor, February 1, 1944.

Agricultural Engineering

RALPH REX PARKS, A.M., Assistant Professor, Agricultural Engineering Extension¹
RALPH CARROLL HAY, B.S., Assistant Professor, Agricultural Engineering Extension

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ERNEST DEWITT WALKER, B.S., Assistant Professor, Agronomy Extension
ALFRED UHNO THOR, M.S., Assistant Professor, Agronomy Extension

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HARRY GOULD RUSSELL, M.S., Assistant Professor, Animal Husbandry Extension
ROBERT JOHNSON WEBB, M.S., Superintendent of the Dixon Springs Experiment Station

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Forestry

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WILLIAM FREEMAN BULKLEY, B.S., Assistant, Forestry Extension
HOWARD WALTER FOX, B.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., Assistant, Foods Extension
IRENE CROUCH, A.M., Assistant, Home Accounts Extension

Horticulture

VICTOR WENDELL KELLEY, Ph.D., Associate Professor, Horticulture Extension
HENRY WILBUR GILBERT, B.S., Assistant Professor, Landscape Gardening Extension²
JOSEPH BARR CORNS, Ph.D., Assistant Professor, Vegetable Crops Extension¹
MANSON BRUCE LINN, Ph.D., Assistant Professor, Vegetable Crops Extension
LEE ADRIAN SOMERS, M.S., Associate, Vegetable Gardening Extension

¹On leave of absence for war service.

²Transferred to Emergency Farm Labor, February 1, 1944.

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 Work¹

Girls' 4-H Club Work

MARY ANNETTE MCKEE, A.M., Associate, Girls' 4-H Club Work
 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, A.B., Associate, Girls' 4-H Club Work
 MRS. MARY OSBORNE HUBBARD, B.S., Associate, Girls' 4-H Club Work

Rural Youth

CLEO FITZSIMMONS, M.S., Associate, Home Economics²
 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
 HAROLD LEE JEPSON, B.S., Assistant State Farm Labor Supervisor, Victory Farm Volunteers²
 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
 EARL HUBERT REGNIER, M.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	G. B. WHITMAN ²	Quincy
	S. E. MYERS	Quincy
Bond	DEE SMALL ¹	Greenville
	W. H. TAMMEUS (Acting)	Greenville
Boone	D. M. CHALCRAFT	Belvidere
Brown	E. H. GARLICH	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	THEO E. MYERS	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

¹On leave of absence for war service.²Resigned.

<i>County</i>	<i>Farm Adviser</i>	<i>Address</i>
DeKalb	R. P. JOHNSON ¹	DeKalb
	D. G. McALLISTER ² (Acting)	DeKalb
	W. CARROLL MUMMERT	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-Hamilton	W. C. ANDERSON	Benton
Fulton	J. E. WATT	Canton
Gallatin	A. L. OXFORD	Ridgway
Greene	RAY H. ROLL	Carrollton
Grundy	M. E. TASCHER	Morris
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
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	R. C. SMITH	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	J. R. STRUBINGER ²	Metropolis
McDonough	R. G. BENBOW	Macomb
McHenry	JOHN H. BROCK	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	W. F. COOLIDGE	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	E. C. SECOR	Sparta
Richland	E. J. BARNES	Olney
Rock Island	W. R. TAYLOR	Moline

¹On leave of absence for war service.²Resigned.

<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 ¹	Fairfield
	{L. B. KIMMEL (Acting)	Fairfield
White	THURMAN WRIGHT	Carmi
Whiteside	F. H. SHUMAN	Morrison
Will	L. W. BRAHAM	Joliet
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
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. HELENA M. HUNT	Effingham
Ford	LEONA J. CALVIN	Melvin
Fulton	MRS. RUTH J. WIDMER	Canton
Greene	VIRGINIA REYNOLDS	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
Knock	MILDRED FAIRCHILD	Galesburg
Lake	MRS. HELEN JOHNSON VOLK	Grayslake
LaSalle	CECILE MALSBUY	Ottawa
Lee	LOUISE BARRINGTON	Amboy
Livingston	JESSIE CAMPBELL	Pontiac

¹On leave of absence for war service.

<i>County</i>	<i>Home Adviser</i>	<i>Address</i>
Macon	LULA B. KELLER	Decatur
Macoupin	DEBORAH SOLLIDAY	Carlinville
Madison	MARY STRUBINGER	Edwardsville
Marshall-Putnam	MRS. ORLA KEMPER	Henry
Mason	JENNIE MARIE WARREN ¹	Mason City
McDonough	LUCILE J. GINGERICH ¹	Macomb
McHenry	MRS. CLARA SWEENEY	Woodstock
McLean	CLARA BRIAN	Bloomington
Menard-Cass	DONOVAN HESTER ¹	Tallula
Mercer	EVELYN SCHIRER	Aledo
Monroe	ELIZABETH B. BURTON	Waterloo
Montgomery	HELEN BENNETT	Hillsboro
Morgan	EUREATH FREYERMUTH	Jacksonville
Moultrie	DOROTHY FOOTITT	Sullivan
Ogle	M. DURONDA STANBERRY ¹	Oregon
Peoria	LOLA ANTISDEL	Peoria
Piatt	LORENNIE BERRY	Monticello
Pike	HELEN HACKMAN	Pittsfield
Rock Island	MRS. MILDRED WELLMAN	Moline
St. Clair	RUTH HUBBARD	Belleville
Saline	VIRGINIA SEIDEL	Harrisburg
Schuyler-Brown	ARLENE WOLFRAM	Rushville
Shelby	HELEN MIES	Shelbyville
Stark	ANNA H. ROBERTSON	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	MRS. RUBY ELLIOT YOUNG ¹	Fairfield
White	MRS. LELLA M. ENDRES ¹	Carmi
Whiteside	BARBARA HERLIN	Morrison
Will	MRS. EDITH HUFFMAN	Joliet
Williamson	OLEVIA MEYER	Marion
Winnebago	BERNICE MITCHELL	Rockford
Woodford	MRS. ILA WELLS	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. In the summer of 1943 there was a series of thirteen weekly meetings at Urbana for discussion of the wartime problems and responsibilities of elementary and secondary schools. The College of Education also conducted an intensive two-week course for high-school teachers of aeronautics, June 21-July 2, and repeated July 26-August 6. 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, November 3 and 4.

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:

¹Resigned.

Water Treatment Plant Operators' Short Course.—Offered for the first time in March, 1940. The fourth course was held in March, 1943.

Illinois Traffic Engineering Conference.—First held in February, 1941, sponsored by the Department of Civil Engineering and the Illinois Division of Highways. Not held in 1942 or 1943.

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 1943 Fire College was held June 8-11.

School of Journalism

Journalism Conference.—For twenty-two 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 1943 conference was held October 14, 15, and 16.

Short Course in Country Journalism.—At the request of officers of three press groups, a new series of short courses in country journalism was begun in 1938. The courses are held in the spring at a location convenient to the country editors. The 1943 meeting was held in Springfield.

Illinois College Press Association.—The School of Journalism sponsors an organization of editors and business managers of Illinois college publications, who meet at Urbana in the spring and the fall of each year. The 1943 spring meeting was held April 9 and 10.

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 was suspended in 1943 because of wartime difficulties. However, the University sponsored a two-day short course for publication sponsors December 10 and 11.

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 talks, music by students and faculty members, news, market quotations, and other public service reports. 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 to the Director
 NATHANIEL H. ERWIN, A.M., Director of Productions
 LANSON FREDERICK DEMMING, M.Mus., Director of Music
 ALBERT JAMES EBEL, M.S., Chief Radio Engineer
 PAUL MEREDITH BOLMAN, B.S., Chief Announcer
 BILLIE MARIE SATTERFIELD, A.M., Continuity Writer
 JEAN MARGARET WALDEN, A.B., Assistant Radio Engineer

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 1943-1944.

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 Editor¹
ANNA CUSHMAN GLOVER, Editor
ADRIAN WILLIAM JANES, A.B., Assistant Editor²
EDNA AGNES MARY COARD, A.M., Assistant Editor
MRS. JESSIE CASSIDY BENNETT, A.M., Editorial Assistant
ELIZABETH GRETCHEN NARDINE, B.S., Editorial Assistant³
CARL JOHN WEINMAN, Ph.D., Special Research Assistant
GEORGE FRANKLIN LUDVIK, A.B., Special Research Assistant²
BETTY LOUISE MORTENSEN, A.B., Special Research Assistant³

¹On leave of absence beginning December 1, 1943.

²On leave of absence for war service.

³Resigned.

Dixon Springs Experiment Station

ROBERT JOHNSON WEBB, M.S., Superintendent
 JOHN MORGAN LEWIS, B.S., Assistant Superintendent

Agricultural Economics

HAROLD CLAYTON M. CASE, Ph.D., Chief, Farm Management; Head of Department
 CHARLES LESLIE STEWART, Ph.D., D.Sc., Chief, Land Economics
 LAURENCE JOSEPH NORTON, Ph.D., Chief, Agricultural Marketing
 ROBERT CHILDERS ASHBY, Ph.D., Chief, Livestock Marketing
 PAUL EVANS JOHNSTON, Ph.D., Chief, Agricultural Economics
 GARRET LOWELL JORDAN, Ph.D., Chief, Agricultural Economics
 MARTIN LUTHER MOSHER, M.Agr., Chief, Farm Management
 ROBERT COOKE ROSS, Ph.D., Chief, Farm Management
 ELMER JOSEPH WORKING, M.S., Chief, Agricultural Economics
 ROLAND WILLEY BARTLETT, Ph.D., Chief, Agricultural Economics¹
 DAVID EDGAR LINDSTROM, Ph.D., Chief, Rural Sociology
 ROY HAROLD WILCOX, M.S., Associate Chief, Farm Management
 HAROLD WINFORD HANNAH, B.S., LL.B., Assistant Chief, Agricultural Economics²
 FORREST AUGUSTUS STEWART, M.S., Assistant Chief, Agricultural Economics
 RALPH JOSEPH MUTTI, M.S., Associate, Marketing
 ROSS ANTHONY KELLY, M.S., Associate, Fruit and Vegetable Marketing
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 FRANKLIN JACOB REISS, M.S., Associate, Agricultural Economics
 SERAL IVAN WARREN, A.M., M.S., First Assistant, Agricultural Economics²
 ANTHONY GEORGE MATHIS, B.S., First Assistant, Agricultural Economics³
 MRS. HELENA ANNA JAMES, B.S., First Assistant, Agricultural Economics
 WILLIAM NEIL THOMPSON, M.S., Assistant, Farm Management²
 MAURICE JUSTON DANNER, M.S., Assistant, Farm Management²
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 ELLIS WESTON LAMBORN, B.S., Assistant, Agricultural Economics
 ROBERT FORNEY ESHLEMAN, B.S., Assistant, Rural Sociology
 JOHN ANDREW SNYDER, B.S., Assistant, Farm Management
 OTIS BARTON BROWN, B.S., Assistant, Agricultural Economics

Agricultural Engineering

EMIL WILHELM LEHMANN, B.S., E.E., A.E., Chief, Agricultural Engineering; Head of Department
 DEANE G. CARTER, M.S., Chief, Farm Structures
 RAY IRIS SHAWL, M.S., Chief, Farm Machinery
 ARTHUR LEIGHTON YOUNG, M.S., Associate Chief, Farm Power
 RUSSELL HARLAN REED, B.S., Associate, Agricultural Engineering²
 HARRY PAUL BATEMAN, B.S., Associate, Agricultural Engineering
 JOHN HUBERT RAMSER, B.S., Associate, Agricultural Engineering
 CARLOS WILBUR VEACH, M.S., Assistant, Agricultural Engineering²
 SAMUEL GEORGE HUBER, B.S., Assistant, Agricultural Engineering²
 RICHARD EUGENE MORRIS, B.S., Assistant, Agricultural Engineering

Agronomy

WILLIAM LEONIDAS BURLISON, Ph.D., D.Agr., Chief, Crop Production; Head of Department
 LOUIE HENRIE SMITH, Ph.D., Chief in Charge of Publications of Soil Survey, *Emeritus*
 FREDERICK CHARLES BAUER, Ph.D., Chief, Soil Experiment Fields
 ERNEST E. DETURK, Ph.D., Chief, Soil Fertility and Soil Analysis
 RAYMOND STRATTON SMITH, Ph.D., Chief, Soil Physics and Soil Survey
 CLYDE MELVIN WOODWORTH, Ph.D., Chief, Plant Genetics
 GEORGE HARLAN DUNGAN, Ph.D., Chief, Crop Production
 LAURENCE JOSEPH NORTON, Ph.D., Chief, Agricultural Marketing
 BENJAMIN KOEHLER, Ph.D., Chief, Crop Pathology
 OGLE HESSE SEARS, Ph.D., Chief, Soil Biology
 DAVID CLEVELAND WIMER, Ph.D., Chief, Soil Physics

¹On leave of absence for the year.²On leave of absence for war service.³Resigned.

FLOYD HAMILTON CRANE, M.S., Associate Chief, Soil Fertility
 ROGER HAMMOND BRAY, Ph.D., Associate Chief, Soil Survey Analysis
 ORVILLE THOMAS BONNETT, Ph.D., Associate Chief, Plant Genetics
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 CHARLES HENRY STINSON, M.S., Special Research Assistant, Soil Fertility²
 CHARLES EARL WILMARTH, B.S., Special Research Assistant, Plant Genetics²

Animal Husbandry

WILLIAM ERNEST CARROLL, Ph.D., Chief, Swine Husbandry; Head of Department
 JAMES LLOYD EDMONDS, B.S., Chief, Horse Husbandry
 LESLIE ELLSWORTH CARD, Ph.D., Chief, Poultry Husbandry
 HAROLD HANSON MITCHELL, Ph.D., Chief, Animal Nutrition
 ELMER ROBERTS, Ph.D., Chief, Animal Genetics
 ROBERT CHILDERS ASHBY, Ph.D., Chief, Livestock Marketing
 SLEETER BULL, M.S., Chief, Meats
 ROSCOE RAYMOND SNAPP, Ph.D., Chief, Beef Cattle Husbandry¹
 WILLIAM GARFIELD KAMMLADE, Ph.D., Chief, Sheep Husbandry
 BERTHIER WESLEY FAIRBANKS, Ph.D., Chief, Swine Husbandry
 TOM SHERMAN HAMILTON, Ph.D., Associate Chief, Animal Nutrition
 CHALMERS WOODRUFF CRAWFORD, B.S., Assistant Chief, Horse Husbandry
 BRUCE CONNOR JOHNSON, Ph.D., Assistant Chief, Animal Nutrition
 JAKE LUTHER KRIDER, Ph.D., Assistant Chief, Swine Husbandry
 ANDREW VLADIMIR NALBANDOV, Ph.D., Assistant Chief, Animal Physiology
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 DAMON VON CATRON, B.S., Associate, Animal Husbandry²
 FRED CLOW FRANCIS, M.S., Associate, Animal Husbandry²
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 MARY HELEN KEITH, A.M., First Assistant, Animal Nutrition, *Emerita*
 JESSIE RACHEL BEADLES, B.S., Assistant, Animal Nutrition
 FRANK SIMPSON, B.S., Assistant, Animal Nutrition
 FRANK ISA NAKAMURA, Ph.D., Assistant, Animal Nutrition²
 WILLIAM TOON HAINES, Laboratory Technician, Animal Nutrition
 UPSON STANLEY GARRIGUS, M.S., Assistant, Animal Husbandry¹

¹On leave of absence for war service.

²Resigned.

MARJORIE EDMAN, M.S., Assistant, Animal Nutrition
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 LORENZO P. ZIALCITA, JR., M.S., Special Research Assistant, Animal Husbandry

Animal Pathology and Hygiene

ROBERT GRAHAM, D.V.M., B.S., Chief, Animal Pathology and Hygiene; Head of Department
 JESSE SAMPSON, D.V.M., Ph.D., Chief, Animal Pathology and Hygiene
 LOYD EDWIN BOLEY, D.V.M., M.S., Assistant Professor, Animal Pathology and Hygiene²
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 GEORGE EMMETT WHITMORE, D.V.M., Assistant, Animal Pathology and Hygiene
 MRS. HELEN SAXON LEVINE, A.B., Assistant, Animal Pathology and Hygiene
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 ELWIN HERBERT PETERSON, D.V.M., Ph.D., Assistant, Animal Pathology and Hygiene
 DELMAR LEROY KERLIN, D.V.M., Assistant, Animal Pathology and Hygiene
 MRS. ELIZABETH VOGEL MCBRIDE, B.S., Assistant, Animal Pathology and Hygiene¹
 LEROY ELLSWORTH JOHNSON, D.V.M., M.S., Assistant, Animal Pathology and Hygiene
 GORDON JAMES KRUGER, D.V.M., Assistant, Animal Pathology and Hygiene¹

Dairy Husbandry

HARRISON AUGUST RUEHE, Ph.D., Chief, Dairy Manufactures; Head of Department³
 WILLIAM WODIN YAPP, Ph.D., Chief, Dairy Cattle Husbandry; Acting Head
 WALTER LEE GAINES, Ph.D., Chief, Milk Production
 WILLIAM BARBOUR NEVENS, Ph.D., Chief, Dairy Cattle Feeding
 PAUL HUBERT TRACY, Ph.D., Chief, Dairy Manufactures
 OLIVER RALPH OVERMAN, Ph.D., Chief, Dairy Chemistry
 RALPH VICTOR HUSSONG, Ph.D., Chief, Dairy Bacteriology
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 KENNETH E. HARSHBARGER, M.S., Assistant, Dairy Production²
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 WALTER EUGENE SNYDER, M.S., Special Research Assistant, Dairy Husbandry¹
 MRS. MARGARET WEHRLY LARSON, B.S., Special Research Assistant, Dairy Husbandry¹
 HELEN MARIE MUELLER, A.B., Special Research Assistant, Dairy Husbandry

Forestry

JOHN NELSON SPAETH, M.F., Ph.D., Chief, Forestry; Head of Department
 RALPH WILLIAM LORENZ, Ph.D., Assistant Chief, Forestry

¹Resigned.

²On leave of absence for the year.

³On leave of absence for war service.

Home Economics

J. LITA BANE, A.M., D.Sc., Professor; Head of Department
 GLADYS MARIE KINSMAN, Ph.D., Chief, Nutrition
 JEAN IRWIN SIMPSON, Ph.D., Associate Chief, Home Economics
 MRS. RUTH CRAWFORD FREEMAN, M.S., Associate, Home Accounts
 FRANCES OLIVIA VAN DUYN, Ph.D., Associate, Home Economics
 MRS. NETTIE CRADDOCK ESSELBAUGH, Ph.D., Associate, Home Economics
 MRS. EVELYN CONSTANCE FAULKNER, M.S., Instructor, Home Economics
 JANET LUCILLE RETZER, M.S., Assistant, Home Economics
 JEAN TRESING CHASE, M.S., Assistant, Home Economics
 MRS. HELEN BALDWIN GUPTILL, B.S., Assistant, Home Economics
 DOLORES ISABEL MOLSBERY, M.S., Assistant, Home Economics
 MARY ALICE REED, M.S., Assistant, Home Economics
 MRS. MILDRED GILBERT WARD, B.S., Assistant, Home Economics
 LUCILLE BERNICE POWERS, B.S., Assistant, Home Economics¹
 ROYENE DRY FRANTZ, B.S., Assistant, Home Economics

Horticulture

MAXWELL JAY DORSEY, Ph.D., Chief, Pomology; Head of Department
 HERMAN BERNARD DORNER, M.S., Chief, Floriculture
 WARREN ALBERT RUTH, Ph.D., Chief, Pomological Physiology
 ARTHUR SAMUEL COLBY, Ph.D., Chief, Small Fruit Culture
 HARRY WARREN ANDERSON, Ph.D., Chief, Pomological Pathology
 STANLEY WILLIAM HALL, B.S., Chief, Floriculture
 WALTER AUGUST HUELSEN, M.S., Chief, Vegetable Crops
 FREDERICK FRANCIS WEINARD, Ph.D., Associate Chief, Floricultural Physiology
 RICHARD VINCENT LOTT, Ph.D., Associate Chief, Pomology
 JOHN PASCHAL MCCOLLUM, Ph.D., Assistant Chief, Vegetable Crops
 RICHARD LACEY McMUNN, M.S., Assistant Chief, Pomology
 HALBERT HOUSTON THORNBERRY, Ph.D., Assistant Chief, Plant Pathology²
 JOHN B. WINGERT, M.S., Assistant Chief, Floriculture²
 DWIGHT POWELL, Ph.D., Assistant Chief, Plant Pathology
 JOHN SKOK, Ph.D., Assistant Chief, Vegetable Crops
 BRAYTON LADD WEAVER, M.S., Assistant Chief, Vegetable Crops
 MANSON BRUCE LINN, Ph.D., Assistant Chief, Plant Pathology
 JAMES HUTCHINSON, Associate, Floriculture, *Emeritus*
 WALTER NELSON BROWN, B.S., Associate, Vegetable Crops²
 JAMES SIDNEY WHITMIRE, Associate, Plant Breeding
 CHARLES YESBRA ARNOLD, B.S., Associate, Vegetable Crops
 CLARENCE FREDERICK GENTER, Ph.D., Associate, Vegetable Crops²
 CARL EDWARD CHAPLIN, B.S., Assistant, Horticulture
 FRED HENRY STENSTROM, M.S., Assistant, Floriculture²
 JOSEPH FORGACS, M.S., Assistant, Plant Pathology
 BRUCE COMSTOCK BERESFORD, B.S., Assistant, Vegetable Crops²
 DILLON SIDNEY BROWN, M.S., Assistant, Pomology
 LEON FREDRIC HOUGH, M.S., Assistant, Plant Breeding

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

¹First semester.²On leave of absence for war service.³Resigned.

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

JACKSON L. CARTTER, M.S., Agronomist
LEONARD F. WILLIAMS, Ph.D., Associate Agronomist
WILLIAM B. ALLINGTON, Ph.D., Assistant Agronomist
MORRIS A. ARNESON, M.S., Junior Agronomist
FLOYD I. COLLINS, A.M., Assistant Chemist
ORLAND A. KROBER, A.M., Assistant Chemist

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 347 bulletins, 47 circulars, and 27 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) Stack Gases, in cooperation with the Utilities Research Commission, Inc.
- (4) Lead sheath materials, in cooperation with the Utilities Research Commission, Inc.
- (5) Heating and ventilation, in cooperation with the American Society of Heating and Ventilating Engineers.
- (6) Rails investigation, in cooperation with the Association of American Railroads and the Technical Committee on Rails, American Iron and Steel Institute.
- (7) Pressures in granular materials, in cooperation with an anonymous donor.
- (8) Reinforced concrete slabs, in cooperation with the Public Roads Administration of the Federal Works Agency and the Illinois State Division of Highways.
- (9) The soundness of the Chicago region dolomites, in cooperation with the Illinois State Geological Survey and the Illinois State Division of Highways.
- (10) Some factors controlling the uses of clays, in cooperation with the Edward Orton Jr. Ceramic Foundation.
- (11) 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.
- (12) Steel car wheels, in cooperation with the Carnegie-Illinois Steel Corporation and the Technical Board of the Wrought Steel Wheel Industry.
- (13) Expansion joints for concrete pavements, in cooperation with the State of Illinois.
- (14) Steel brake shoes, in cooperation with the Tennessee Coal, Iron, and Railroad Company.
- (15) Earth pressures on rigid culverts, in cooperation with the Illinois State Division of Highways.
- (16) The endurance of chilled iron car wheels under continued brake application, in cooperation with the Griffin Wheel Company.
- (17) Properties of certain clay products, in cooperation with the Illinois Clay Products Company and the Illinois State Geological Survey Division.
- (18) Steam and hot water heating, in cooperation with the Institute of Boiler and Radiator Manufacturers.
- (19) Enamel standards, in cooperation with Enamel Utensil Manufacturers Council.
- (20) Effect of range of stress and of special notches on the fatigue properties of aluminum alloys suitable for airplane propellers, in cooperation with the National Advisory Committee for Aeronautics.
- (21) Reinforced Brick Masonry, in cooperation with the Clay Products Industry Committee.
- (22) Load resisting properties of plastics, in cooperation with the National Advisory Committee for Aeronautics.
- (23) Effect of speed of loading on the stress-strain relationship for concrete, in cooperation with the National Defense Research Committee.
- (24) Mass spectrometer research, in cooperation with Stanolind Oil and Gas Company.
- (25) Weldability of armor plate, in cooperation with the Federal Shipbuilding and Dry Dock Company.
- (26) Fatigue failures of rail joint bars and the relation of wheel loads to wheel diameters, in cooperation with the Association of American Railroads.
- (27) Ceramic type coatings for exhaust disposal systems, in cooperation with the Army Air Force.
- (28) Joints in copper plates, in cooperation with the Copper and Brass Research Association.
- (29) Thermocouple systems, in cooperation with the Naval Medical Research Institute.
- (30) Tests of riveted joints, in cooperation with the United States Navy.
- (31) An investigation of resistor enamels, in cooperation with the Ohmite Manufacturing Company.
- (32) Corrosion in brass and copper pipe for plumbing, in cooperation with the Copper and Brass Research Association.
- (33) Fatigue characteristics of bolts and countersunk screws, in cooperation with the National Advisory Committee for Aeronautics.
- (34) Hollow propeller blades, in cooperation with the Army Air Forces Materiel Command, Wright Field.
- (35) Properties of several clays as related to enameling, in cooperation with the United Clay Mines Corporation of Trenton, New Jersey.
- (36) Structural research, in cooperation with the Consolidated-Vultee Aircraft Corporation.
- (37) Use of strontium carbonate in ceramics, in cooperation with the Barium Reduction Corporation of South Charleston, West Virginia.

Executive Staff

- MELVIN LORENIUS ENGER, M.S., C.E., Director, Professor of Mechanics and Hydraulics, and Dean of the College of Engineering
- MAURICE KENDALL FAHNESTOCK, M.S., Assistant Director and Research Professor of Mechanical Engineering
- MATTHEW RUTHERFORD RIDDELL, B.A.Sc., Assistant to the Director and Associate Professor of Aeronautical Engineering
- ELLEY BURTON PAINE, M.S., E.E., Professor of Electrical Engineering and Head of the Department
- HARVEY HERBERT JORDAN, B.S., Professor of General Engineering Drawing and Head of the Department; Associate Dean of the College of Engineering
- WHITNEY CLARK HUNTINGTON, M.S., C.E., Professor of Civil Engineering and Head of the Department
- FRANCIS WHEELER LOOMIS, Ph.D., Professor of Physics and Head of the Department¹
- OSCAR ADOLPH LEUTWILER, B.S., M.E., Professor of Mechanical Engineering Design and Head of the Department of Mechanical Engineering
- FRED B. SEELY, M.S., Professor of Theoretical and Applied Mechanics and Head of the Department
- DONALD BABCOCK KEYES, Ph.D., Professor of Chemical Engineering in the Department of Chemistry¹
- HAROLD LEROY WALKER, M.S., Met.E., Professor of Metallurgical Engineering and Head of the Department of Mining and Metallurgical Engineering
- ANDREW IRVING ANDREWS, Ph.D., Professor of Ceramic Engineering and Head of the Department
- PETER GERALD KRUGER, Ph.D., Professor of Physics and Acting Head of the Department

Research Corps

- GAIL DAYTON ADAMS, JR., Ph.D., Research Physicist
- NORVILLE JAMES ALLEMAN, M.S., Special Research Associate Professor of Engineering Materials
- CLIFFORD MARTIN ANDREWS, B.S., Special Research Assistant Professor of Ceramic Engineering
- ALFRED EARL BADGER, Ph.D., Research Associate Professor of Ceramic Engineering
- DWIGHT GRANVILLE BENNETT, B.S., Special Research Professor of Ceramic Engineering
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- WALTER HERBERT BRÜCKNER, A.B., Ch.E., Research Assistant Professor of Metallurgical Engineering
- RALPH ELLSWORTH CRAMER, M.S., Special Research Associate Professor of Engineering Materials
- F. LEICESTER CUTHBERT, Ph.D., Special Research Associate in Petrography and Mechanical Engineering²
- CURTIS WALTER DOLLINS, M.S., Special Research Assistant Professor of Engineering Materials
- LOUIS MILLARD DONEY, B.S., Special Research Associate in Ceramic Engineering
- MAURICE KENDALL FAHNESTOCK, M.S., Research Professor of Mechanical Engineering
- WILLIAM NICHOLS FINDLEY, M.S., Assistant Professor of Theoretical and Applied Mechanics
- JOHN PAUL GIRARD, B.S., Research Engineer in Physics
- HILARY ANDREW GRABOWSKI, B.S., Special Research Assistant in Chemical Engineering
- WARREN SKINNER HARRIS, M.S., Special Research Associate in Mechanical Engineering
- ELMER FRANKLIN HEATER, B.S., Research Assistant Professor
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- VERNON PETER JENSEN, Ph.D., Research Associate Professor of Theoretical and Applied Mechanics¹
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- HENRY FRASER JOHNSTONE, Ph.D., Professor of Chemical Engineering
- HERMAN WILLIAM KOCH, Ph.D., Research Physicist
- SEICHI KONZO, M.S., Special Research Professor of Mechanical Engineering
- ROBERT EUGENE KRAFT, B.S., Special Research Assistant in Theoretical and Applied Mechanics

¹On leave of absence for war service.²Resigned.

ALONZO PLUMSTEAD KRATZ, M.S., Research Professor of Mechanical Engineering
 EUGENE DARREL LYNCH, B.S., Special Research Assistant in Ceramic Engineering
 ROSS J. MARTIN, B.S., Special Research Assistant in Mechanical Engineering¹
 HERBERT FISHER MOORE, M.E., D.Sc., Research Professor of Engineering Materials
 DIMITRY MORKOVIN, M.S., Research Associate in Theoretical and Applied Mechanics
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 CHARLES FORREST SHRIVER, A.B., Special Research Assistant in Theoretical and Applied
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 OMAR MARION SIDEBOTTOM, M.S., Special Research Assistant in Theoretical and
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 CHESTER PAUL SIESS, M.S., Special Research Associate in Theoretical and Applied
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 THOMAS LEROY SPEER, B.S., Special Research Associate in Soil Mechanics
 FREDERICK GUY STRAUB, M.S., Met.E., Special Research Professor of Chemical Engi-
 neering
 SHERLOCK SWANN, JR., Ph.D., Research Professor of Chemical Engineering
 HOWARD RAYMOND SWIFT, M.S., Special Research Associate in Ceramic Engineering
 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

BERTRAND JESSE MAYLAND, M.S., Research Graduate Assistant in Chemical Engineering³
 OTIS LEE UPDIKE, B.Ch.E., Research Graduate Assistant in Chemical Engineering
 MELVIN WHEELER JACKSON, B.E., Research Graduate Assistant in Civil Engineering
 HAROLD CLINTON, B.S., Research Graduate Assistant in Civil Engineering
 WILLIS LIMLE OGDEN, B.S., Research Graduate Assistant in Theoretical and Applied
 Mechanics
 SAKIP MEHMET ALTAY, B.S., Research Graduate Assistant in Civil Engineering
 BEDROS KAYAYAN, M.S., Research Graduate Assistant in Civil Engineering
 MALCOLM HOWARD ROBERTS, B.S., Research Graduate Assistant in Chemical Engi-
 neering²
 NIKIFOR YANIN YAKOVLJEVITCH, M.S., Research Graduate Assistant in Theoretical and
 Applied Mechanics

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 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

¹On leave of absence for war service.

²Resigned.

³Contract terminated September 16, 1943.

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. The Bureau also issues a quarterly magazine, *Opinion and Comment*, which is designed to present discussions of current economic and business problems in non-technical language.

Staff

HARRY KENNETH ALLEN, Ph.D., Director¹
 JOHN FRED BELL, Ph.D., Acting Director
 PAUL D. CONVERSE, A.M., Research Professor
 ANANIAS CHARLES LITTLETON, Ph.D., C.P.A., Research Professor
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 ROBERT VICTOR MITCHELL, M.B.A., Research Assistant¹
 FLORENCE LEONE WHITE, A.M., Junior Statistician
 MRS. HILDA ROSE STICE, A.B., Assistant Editor
 CHARLES EMERY BRADLEY, JR., B.S., Research Assistant

BUREAU OF INSTITUTIONAL RESEARCH

COLEMAN ROBERTS GRIFFITH, Ph.D., Director
 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.

BUREAU OF COMMUNITY PLANNING

THE 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

¹On leave of absence for war service.

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. 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 Scientist¹
 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

¹On 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

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JAMES M. CLEARY, Vice-President of the Foundation
LLOYD MOREY, Comptroller of the University, Treasurer
JAMES C. COLVIN, Secretary of the Foundation

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 77,000, including more than 15,500 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.

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GLEYN GOODWINE, Alumni Recorder¹
JAMES C. COLVIN, A.B., Editor of *Illinois Alumni News*
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MARY TUCKER ENGEL, B.S., Director of the Chicago Illini Center

¹On 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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 Professor ROBERT B. BROWNE (Faculty), Vice-President
 Professor LESLIE E. CARD (Faculty), Secretary
 Professor DONALD L. KEMMERER (Faculty)
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 Professor FRANK E. RICHART (Representative on the Faculty Board
 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 Coach¹
 HARTLEY D'OYLEY PRICE, A.M., Director of Intramural and Recreational Sports and Head Gymnastics Coach¹
 MAX JOSSELYN CHAPMAN, A.M., Acting Director of Recreational Sports¹
 EDWIN JOHN MANLEY, Head Swimming Coach
 RALPH EMERSON FLETCHER, B.S., Assistant Football Coach and Head Golf Coach
 RAYMOND ELIOT, A.M., Head Football Coach
 VICTOR HEYLIGER, B.S., Ice Hockey Coach, Personnel Director, and Acting Director of Intramural Sports
 HOWARD JOHN BRAUN, B.S., Tennis Coach and Assistant Basketball Coach¹
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 LOUIS BOUDREAU, B.S., Assistant Basketball Coach²
 JOHN TARWAIN, M.S., Assistant Football Coach¹
 CHARLES EVERETTE FLYNN, A.M., Acting Director of Athletic Publicity
 GLENN CLINE LAW, M.S., Acting Wrestling Coach and Assistant Football Coach
 ALLEN BARCLAY KLINGEL, B.S., Freshman Swimming Coach and Assistant to the Business Manager¹

¹On leave of absence for war service.²On leave of absence for the year.

WILLIAM JACKSON TREECE, M.S., Assistant Football Coach¹
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 CHARLES EDWARD BAER, B.S., Assistant Football Coach
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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.

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¹On leave of absence for war service.

²Deceased January 13, 1944.

STATE SCIENTIFIC SURVEYS

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.

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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.

The publications to date are as follows: a bulletin series now in its twenty-third volume containing 12,721 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: 540,000 pinned specimens, 28,000 slide preparations, and over 1,000,000 in vials. The collection includes type specimens of about 2,500 species and is especially rich in material of immature stages. The zoological collection includes some 145,000 fishes in alcohol and formalin, 50,000 envelopes of fish scales, from which scales representing 13,000 fishes have been mounted on slides, and 60,000 mollusks. Botanical material includes 29,000 specimens and 2,000 permanently mounted microscopic slides of fungous and bacterial plant parasites, a herbarium of 17,000 plant specimens exemplifying the Illinois flora and 500 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 22 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, completed in 1940; and field stations are located at strategic points in Illinois. 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 a trailer, are located in various parts of the state as the work requires.

Close cooperative relations are maintained with other survey divisions, 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.

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¹On 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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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*, 92 reports of investigations, 47 issues of *Illinois Petroleum*, 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,

¹On leave of absence for war service

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 1943 mapping was completed in the Albion, Camp Grove, and Richview quadrangles, and was in progress in the Ashkum, Elmwood, and Ramsey quadrangles. The final maps for the Carmi, Fithian, Greenup, Greenville, Ina, Lean, Maquon, Monticello, Newton, and Oakland quadrangles were issued. U. S. Geological Survey Bulletin 930-C, providing the descriptions and elevations of bench marks established by the Survey in eastern Illinois, was issued, and the bulletin of similar data for northern Illinois is in press. 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.

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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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Summary of Degrees Conferred in 1943 (continued)

College of Education		Graduate School (Urbana)	
B.S.—Education (February).....	28	A.M.—(February).....	23
B.S.—Education (June).....	63	A.M.—(June).....	59
B.S.—Education (August).....	25	A.M.—(August).....	53
B.S.—Education (October).....	10	A.M.—(October).....	23
B.S.—Agricultural Education (June).....	1	M.S.—(February).....	29
B.S.—Home Economics Education (June).....	1	M.S.—(June).....	37
B.S.—Industrial Education (February).....	2	M.S.—(August).....	33
<i>Total, College of Education</i>	<u>130</u>	M.S.—(October).....	32
College of Fine and Applied Arts		M.Arch.—(June).....	1
B.S.—Architectural Engineering (February).....	5	M.Ed.—(June).....	1
B.S.—Architectural Engineering (June).....	18	M.Mus.—(June).....	1
B.S.—Architectural Engineering (October).....	3	M.Mus.—(August).....	3
B.S.—Architecture (February).....	2	C.E.—(June).....	3
B.S.—Architecture (June).....	5	M.E.—(June).....	2
B.S.—Architecture (October).....	4	Ph.D.—(February).....	13
B.S.—Music Education (February).....	5	Ph.D.—(June).....	42
B.S.—Music Education (June).....	13	Ph.D.—(October).....	38
B.Mus.—(February).....	1	<i>Total, Graduate School (Urbana)</i>	<u>393</u>
B.Mus.—(June).....	10	Total, Degrees Conferred at Urbana	2198
B.F.A.—Art Education (June).....	6	Graduate School (Chicago)	
B.F.A.—Art Education (August).....	1	M.S.—(March).....	9
B.F.A.—Commercial Design (June).....	6	M.S.—(June).....	4
B.F.A.—Commercial Design (August).....	2	M.S.—(September).....	4
B.F.A.—Commercial Design (October).....	1	M.S.—(December).....	2
B.F.A.—Industrial Design (February).....	5	Ph.D.—(June).....	1
B.F.A.—Industrial Design (June).....	9	Ph.D.—(December).....	1
B.F.A.—Industrial Design (August).....	1	<i>Total, Graduate School (Chicago)</i>	<u>21</u>
B.F.A.—Industrial Design (October).....	1	College of Medicine	
B.F.A.—Landscape Architecture (June).....	2	B.S.—Medicine (March).....	10
B.F.A.—Painting (June).....	4	B.S.—Medicine (June).....	60
<i>Total, College of Fine and Applied Arts</i>	<u>104</u>	B.S.—Medicine (September).....	13
College of Law		B.S.—Medicine (December).....	11
LL.B.—(February).....	7	B.M.—Medicine (September).....	1
LL.B.—(June).....	8	M.D.—(February).....	1
LL.B.—(August).....	1	M.D.—(March).....	144
LL.B.—(October).....	1	M.D.—(June).....	8
J.D.—(February).....	3	M.D.—(December).....	159
J.D.—(June).....	1	<i>Total, College of Medicine</i>	<u>407</u>
J.D.—(August).....	1	College of Dentistry	
J.D.—(October).....	2	B.S.—Dentistry (June).....	27
<i>Total, College of Law</i>	<u>24</u>	B.S.—Dentistry (September).....	2
School of Journalism		B.S.—Dentistry (December).....	8
B.S.—Journalism (February).....	10	D.D.S.—(March).....	1
B.S.—Journalism (June).....	23	D.D.S.—(June).....	53
B.S.—Journalism (August).....	2	<i>Total, College of Dentistry</i>	<u>91</u>
B.S.—Journalism (October).....	8	College of Pharmacy	
<i>Total, School of Journalism</i>	<u>43</u>	B.S.—Pharmacy (June).....	40
Library School		B.S.—Pharmacy (September).....	5
B.S.—Library Science (February).....	4	<i>Total, College of Pharmacy</i>	<u>45</u>
B.S.—Library Science (June).....	39	Total, Degrees Conferred in Chicago	564
B.S.—Library Science (August).....	18	TOTAL DEGREES IN 1943	2762
B.S.—Library Science (October).....	4		
<i>Total, Library School</i>	<u>65</u>		
School of Physical Education			
B.S.—Physical Education (February).....	6		
B.S.—Physical Education (June).....	30		
B.S.—Physical Education (August).....	1		
B.S.—Physical Education (October).....	1		
<i>Total, School of Physical Education</i>	<u>38</u>		

UNDERGRADUATE COLLEGES AND SCHOOLS AT URBANA

Degree of Bachelor of Arts

(In Liberal Arts and Sciences)

- Alden, Patricia Carolyn
 Allison, Arthur Wendell¹
 Amling, William Henry
 Anderson, Raymond Eugene¹
 Anderson, Richard Frank¹
 Appuhn, Mary Flavell
 Armstrong, Betty Lou¹
 Atwood, Marion Ruth
 Atzenhoffer, Phyllis Jane^{**1}
 Baird, Elizabeth Ann¹
 Ball, Dorothy Rhoads⁵
 Baron, Rose Ann^{*}
 Bartley, James Michael¹
 Bartley, Mary Frances¹
 Bate, Richard Cameron³
 Bederman, Stuart Stanley³
 Bell, John Albert
 Bellows, Margery Anne
 Belting, Dorothy Jean
 Benson, Martha Blanks^{***}
 Benton, Barbara Ann¹
 Beshers, Mary Jane
 Beym, Richard
 Bierman, Thelma Marie^{***}
 Bijak, Lorraine Helen^{**}
 Birkett, Berlie Arthur¹
 Black, Wilma Jeanette^{**1}
 Blaine, Helen Burnell
 Bloch, Geraldine Rachel
 Bloom, Earl Phipps¹
 Boggs, Mary Evelyn
 Borklund, Maurice Kennedy
 Brekke, William Edward
 Brenner, Sonfred Nat
 Brophy, Edmond Michael^{***}
 Brown, James Milton
 Brown, Kenneth Hawley
 Brown, Marcia Roberta^{*1}
 Brown, Patricia^{**}
 Bruce, Donald Harold
 Bulger, Joseph Imburgio, Jr.³
 Bullington, Marjorie Ruth¹
 Burge, Eleanor Marion
 Burke, Jean Louise
 Burlison, David George⁵
 Burman, Betty Jane
 Burr, Elizabeth¹
 Burritt, Elizabeth Ann
 Cameron, Dorothy Grace
 Capizzi, Joseph Salvatore James¹
 Catlett, Ann Catherine
 Childs, Sara Elizabeth
 Chisholm, James Roderick⁵
 Citron, Lila
 Clarke, Gordon Wilson
 Cobb, Charles Caton¹
 Cobb, Jane Rhode¹
 Cockrum, Earl Conway
 Cohen, Georgette E.¹
 Cohen, Willyne Ann
 Colp, Caroline⁵
 Comora, Sol M.
 Cooney, Elaine Marion⁵
 Council, Mary Jo
 Cox, Ethel Elizabeth³
 Crandell, Margaret Elizabeth
 Crown, Joan Sluder¹
 Cummins, Clyde Robert
 Dahlstrand, Elva Jean⁵
 Davis, Horace Raymond, Jr.^{***}
 Davis, James Weinert¹
 Davis, Margaret Marie
 Davis, Mary Charlotte¹
 Davis, Shirley Jeanne
 Dees, Joe^{***}
 Deppe, Mary Jeanette¹
 Diemer, Richard Lutley
 Dimond, Ray Arnold, Jr.¹
 Dixon, Vivian Juanita³
 Donovan, Jeanne Adele^{***}
 Dowling, Mary Rita¹
 Drago, Rosario Philip¹
 Dunkel, Virginia Mae
 Edwards, Ruth Walters
 Eichler, Bruce Robert³
 Eiseman, Cassius Meyer, Jr.¹
 Ellison, Luther Ernest¹
 Emalfarb, David¹
 Epstein, William Freschl
 Erwin, Phyllis Baxter
 Farnham, Ruth Mary⁵
 Faulkner, Esther Claudine^{*1}
 Fay, Robert John¹
 Feehan, Joseph Alphonse
 Patrick^{T1}
 Fidalgo, Julio
 Fielding, James Franklin³
 Fina, Louis R.
 Finegold, Marshall Harvey
 Finne, Fred Ronald^{*}
 Fisher, James Harold
 Ford, Edwin Leon⁵
 Forester, Bernard Taylor
 France, Bruce Abraham, Jr.⁵
 Francis, Virginia Carolyn
 Frawley, Jean Magdalene³
 Freireich, Cecile^{***5}
 Friedman, Dorothy Diana^{***}
 Friedman, Harvey
 Friedman, Irving Abraham³
 Friedman, Simon Lee¹
 Fruin, Lorene Ellen
 Frymire, John Arthur¹
 Gannaway, Elizabeth Mae
 Gass, Shirley Estabrook
 Genster, Charles Joseph, Jr.
 Gill, Bernard Ives
 Ginsburg, Evelyn
 Ginsburg, Mildred Charlotte
 Glenn, Harriette Elaine
 Goedde, Rosemary Alethea
 Golan, Eugene Alexander
 Goldberg, Charlotte
 Goldberg, Henry Irving³
 Goldberg, Irene Esther¹
 Goldstein, Allan Merton
 Goodman, Gene Lucille
 Gore, Eunice Shirley^{**}
 Gould, Mildred June
 Goulet, Lionel Joseph⁵
 Green, Virginia Arlene^{*5}
 Greenberg, Edwin Arnold³
 Greenberg, Paul¹
 Griest, Bessie Oathout
 Grigsby, Lewis Matthews
 Grimes, Kathryn Elizabeth
 Guenther, Bernice Beatrice
 Gunn, Kathleen Frances
 Gunter, Glenn H.⁵
 Guth, Mary Alice
 Hadaway, Doris Frances
 Hale, Mary Viola
 Hall, Wilson Dudley⁵
 Halligan, Dorothy Elizabeth
 Hanisee, Betty Jeanne⁵
 Hanlon, John Walker¹
 Hanna, Jefferson¹
 Hardinger, Mavis Lorraine
 Hayes, John Charles
 Helfrich, Betty
 Henson, June Anne⁵
 Hertz, Constance Shirley
 Hibsch, William Gordon
 Hickey, Mary Margaret
 Hoger, Mary Jane Hill^{*}
 Honsik, Frank Jandus⁵
 Huffman, Evelyn Maxine^{**}
 Hufford, Charles Thurman, Jr.
 Humphrey, Carol Marie
 Hunsaker, Rosetta Taft³
 Hunt, Frances Jane³
 Hunter, Marian Bernice
 Hutchens, Marjorie Virginia
 Hutcheson, Nadine Lee¹
 Irish, Robert Reon⁵
 Jacob, Jean^{***1}
 Johnson, Grace Lucille
 Johnson, Paul Sveinbjorn
 Johnston, Judith Jane¹
 Jones, Wayne Scott
 Joneson, Olive Ruth
 Kaller, John David
 Kane, Rosaline Ruth^{**}
 Karlov, Marion
 Katsinas, Anastasia John
 Katz, Constance Rita⁵
 Kelley, Joan Elizabeth
 Kerwin, Edward Francis
 Kinder, John Joseph¹
 Kindsvater, David Gates¹
 Klein, Richard Erwin
 Knippenberg, Sue Ann
 Knowlton, Jane Alice
 Knox, Myra Jeanne
 Koehn, John Robert
 Koffer, Barbara Jean
 Koons, Lillian Frances⁵
 Kornfeld, Thelma Elaine¹
 Krachenbuehl, John David^{***}
 Kraft, Jack Arthur³
 Kramer, Frank William
 Kranos, Mary
 Kriz, Dorothy Josephine
 Krueger, Virginia Dorothy
 Landon, Barbara Elizabeth
 Lang, Julie Maris³
 Larson, Dale Carter⁵
 Later, Norris Vennum, Jr.⁵
 Lattuada, Mary Ann
 Lawrence, Madonna Ruth⁵
 Leavenworth, Martha MacGal-
 liard^{***1}
 Leech, James Warren
 Lesniewski, Joan Sophie
 Levinson, Shirley¹
 Lewis, Beth Elaine
 Lewis, Dorothy Catherine George⁵
 Lewis, Elizabeth Stanley¹
 Liberman, Ruth Elayne
 Lichtman, William Frank
 Lindahl, Elbert Lee⁵
 Macdonald, Margaret Jean
 Madel, Mildred Elizabeth¹
 Madsen, Wesley Eugene¹
 Maker, Walter Joseph^{*}
 Malone, Helen Scott³
 Mann, Ronda Layer^{*}
 Markert, Elizabeth Louise
 Mathews, Mitford McLeod^{***}
 Mautner, Harold Charles¹
 McBride, William Cooke¹
 McClure, Raymond William
 McConnell, Mary Sue
 McDonald, John Warlick, Jr.¹
 McKinnie, Marshall Allison¹

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- McLaughlin, Dean Edwin**
 McWethy, Suzanne***1
 Meneley, Victor Lynn1
 Meyer, Urla Ivy
 Michaelis, Ruth Ann1
 Miesenhelder, Patricia3
 Moery, Frances Gertrude1
 Mohler, Albert Daniel
 Mondthink, Harry Ray*
 Monger, June Goble3
 Moore, Barbara1
 Mortensen, Betty Louise
 Mosher, James Courtney**1
 Moss, Richard Holland1
 Moss, Wilda Stowe3
 Mulvane, Norma Ruth1
 Murphy, Mary Louise
 Murray, Margaret Ellen
 Muzzy, James Merton5
 Neubauer, Ivan Charles
 Newton, Robert Keith, Jr.
 Norlin, Evelyn Todd
 Norris, Bettie Louise5
 Notestein, Robert Bruce*
 Novick, Jehiel1
 Oden, Robert Rudolph
 Oesterling, William Arthur***
 O'Neil, Veronica Joan**5
 Onstott, Iola Mae1
 Pace, Robert Max
 Papas, Bessie
 Parker, Edwin Scott**3
 Parkinson, Thomas Paul
 Parrish, Joan Leigh***1
 Pasco, Loretta Maria
 Patterson, Marybelle
 Paulsen, Leitha May
 Pearson, Mary Jane
 Pecora, Joseph Samuel2
 Perry, Ruth Virginia
 Perry, Sara Claudine***
 Peterson, John Adolph1
 Philip, John Frederic
 Piana, Arthur Joe3
 Pianowski, Robert Francis
 Pierce, Mary Jeanne**1
 Piersol, Grace Louise5
 Pilkenton, William Harold, Jr.
 Poore, Gretchen Lenore***
 Powers, Warren Earl5
 Pratt, Virginia Carolyn1
 Price, Cleo Elveta
 Proehl, Elsa Caroline**5
 Purcell, Evelyn3
 Rainey, John Larimer1
 Rarick, Joseph Francis***1
 Katay, Emily Mary
 Ratliff, Mary Adelaide3
 Reardon, William John, Jr.**1
 Rendlen, Albert Lewis3
 Richards, Betty-Anne
 Richardson, Ivan LeRoy
 Ritman, Richard Louis1
 Roach, James Sidney
 Robb, Dale Willard
 Robinson, Alice Alden***1
 Robinson, Elizabeth Ann
 Robinson, Elsie Louise3
 Robinson, Eugene John
 Rommel, Ruth Phyllis3
 Rosenburger, Aleen Stouffer
 Rosenthal, Lucille Irma1
 Rothenberg, Mildred Sylvia
 Rowe, Max Leavitt1
 Sachs, Thelma Toby
 St. Angel, Frank George
 Sandehn, Carolyn Martha
 Sawyer, John Porter1
 Schaffer, Shirlee Bell5
 Schnitzer, Ruth Charlotte*
 Scholberg, Henry Cedric
 Schrenk, Shirley Yunghans
 Schuessler, Leonora Clara1
 Schultz, Alvin Alexander3
 Scott, Doris Eleanor***3
 Searls, Virginia Williams**
 Seed, Peggy Rae*
 Sellers, Mary Jean5
 Settlemyre, Patricia Georgine
 Sexton, Eleanor Houghton1
 Shaff, Ruth Virginia***5
 Shannon, Frederick Albert
 Shaw, Dorothy Jean
 Shea, Marie Mildred Kimble1
 Sheehy, Ann Catherine3
 Sheffer, Paul Winston
 Shepherd, Barbara Jane
 Shepherd, Marian Coe
 Shinneman, Dean Alvin3
 Shuman, Nicholas Roman**
 Shutt, Darold Lee5
 Silberman, Ruth Evelyn
 Smashey, Mary Esther**
 Smith, Henry Landiss1
 Smith, Jeanette1
 Smith, Shirley Anne
 Smithers, Perry Lafayette, III1
 Springer, Paul Frederick3
 Stanfield, Rachel Elizabeth1
 Stark, Paul Lenard
 Stevenson, Mary Margaret***3
 Stevenson, Ruth Eleanor
 Still, Richard Perrie
 Stoffel, Robert Paul
 Streed, John Arthur
 Strohl, Dona Ruth3
 Stromberg, William Benjamin5
 Svendsen, Robert William
 Swain, Henry Huntington***
 Swengel, Robert Theodore1
 Taffner, Susanne Alice
 Talbott, Robert Stanley (as of
 February 15, 1943)
 Thede, Mary Louise
 Thomason, Ruth Iryne
 Tow, Marjorie Suzanne
 Turner, Sally Jean
 Tyrrell, Thomas Joseph
 Viehman, Robert Charles1
 Visona, Angelina
 Von Fossen, Claranne**
 Walden, Jean Margaret5
 Walker, Mary Jane
 Walworth, Margaret Frances5
 Ward, Eleanor Dieckmann
 Watkins, Martha Ella
 Watson, Harriette Judith (as of
 February 15, 1943)
 Weaver, Dorothy Belle
 Webster, Rebecca Estelle
 Weil, Warner Irving
 Wells, John Mack
 Westhafer, Terry Anne
 Wetter, Elsie Inceberg
 White, Jacquelyn Amanda5
 White, Phyllis Muriel***
 White, Ruth Deane3
 Williamson, Alice Virley*
 Wolens, Dorothy Marcelle5
 Wolfberg, Jeani Louise
 Wolper, Marshall Ira
 Woodcock, Palma Lee1
 Woods, Margaret Mary
 Woody, Juanita Rose
 Yapp, Gordon William*
 Yockey, Thomas Jean
 Zdanke, Florence Marie

Degree of Bachelor of Arts

(In Home Economics)

Feder, Ann

Priestley, Lorna Hanselman**1

Seip, Phyllis Albertine

Degree of Bachelor of Science

(In the subjects shown in parenthesis)

- Abbot, Richard Rockwood (Physical Education)
 Achenbach, Walter Bernard (Management)
 Ackemann, Robert William (Accountancy)
 Ackerman, Raymond John (Civil Engineering)
 Adams, Everette Chester (Journalism)
 Adams, John Franklin (Journalism)5
 Adams, Norma Alice (Journalism)
 Adams, Robert McLean (Chemical Engineering)**
 Addis, Dale Victor (Mechanical Engineering)
 Ader, Richard Frederick (Education)
 Aiken, Hector Hunter (Mechanical Engineering)5
 Aitken, Clarence Staff (Industrial Administration)1
 Albelda, Beto Solomon (Chemical Engineering)
 Albin, Lucille Marie (Liberal Arts and Sciences)*
 Albrecht, Charles Edwin (Electrical Engineering)
 Alexander, Richard Howard (Marketing)
 Alexander, Robert John (Mechanical Engineering)
 Allan, Robert Howard, Jr. (Mechanical Engineering)5
 Allen, Martha Helen (Home Economics)
 Allen, Robert Morgan (Marketing)5
 Allison, Phylinda Myrtle (Home Economics)
 Alm, Betty Lucille (Home Economics Education)
 Altorf, Alpheus William, Jr. (Management)5
 Altschul, Sol (Liberal Arts and Sciences)1

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Anderson, LaVerne Arthur (Architectural Engineering)
- Anderson, Loraine (Home Economics)
- Anderson, Marjorie Jean (Home Economics)
- Anderson, Sibyl Arlene (Home Economics)⁵
- Andrews, Mary Louise (Education)
- Andrews, Virgil Lee (Agriculture)
- Antonello, Joseph (Accountancy)¹
- Arends, Evelyn Joyce (Education)
- Armistead, Robert Edward (Mechanical Engineering)¹
- Arnold, Elizabeth Lorraine (Marketing)
- Arnold, Robert Briggs (Industrial Administration)⁵
- Arvan, Peter George (Chemistry)
- Asay, Anthony Howard (Accountancy)¹
- Ashbrook, Thomas Allison (General Business)
- Asselin, George Francis (Chemical Engineering)^{***}
- Atchison, Marjorie Catharine (Home Economics)
- Atkins, Edward Laurence, Jr. (Liberal Arts and Sciences)
- Attig, Raymond William (Physical Education)
- Austin, Dorothy Nell (Education)
- Austin, Julia Caroline (Education)
- Avison, Barbara Anne (Management)¹
- Avrami, Robert (Engineering Physics)
- Baar, Robert Charles (Marketing)
- Babicz, Adalyn Mary (Liberal Arts and Sciences)
- Bacon, Louis Albert (Civil Engineering)⁵
- Bain, Barbara Anne (Home Economics)
- Bajak, Stephanie Helene (Home Economics)
- Baker, Jack Sherman (Architecture)^{*1}
- Baker, Martha Lou (Education)¹
- Baker, Silveus Monroe (Mechanical Engineering)^{*1}
- Baker, Thomas Watson (Chemical Engineering)³
- Balotin, Thelma (Education)
- Bandusky, John Wenceslaus (Mechanical Engineering)
- Bandy, Kenneth Leon (Mechanical Engineering)¹
- Banks, Robert Riley (Agriculture)
- Bann, Robert Francis (Chemical Engineering)
- Bardolph, Marinus Peter (Chemistry)^{**}
- Bareither, Harlan Daniel (Mechanical Engineering)^{*1}
- Barker, Ernest Ivan (Management)¹
- Barlow, Edward Donald (Mechanical Engineering)
- Barnett, Douglas Elsworth (Architecture)¹
- Baron, Robert Harrison (Dairy Technology)^{*}
- Baron, Thomas (Chemical Engineering)^{**}
- Barrett, Lois Marian (Home Economics)^{*}
- Barron, Arthur William, Jr. (Accountancy)
- Barrow, Barbara Ann (Home Economics)¹
- Bartels, George Donald (Chemical Engineering)
- Bartley, Boyd Owen (Physical Education)
- Barzan, Leonard Angelo (Accountancy)
- Bates, Charles Evitts (Metallurgical Engineering)
- Batsakis, Nathan George (Management)¹
- Baum, David Buss (Marketing)
- Baxter, William Lindsay (Mechanical Engineering)⁵
- Baylor, Beulah Fern (Home Economics)
- Beal, Loren Wayne (Agriculture)^{***}
- Bean, Frances Marguerite (Home Economics)^{*}
- Bear, Joseph Thomas (Architecture)
- Bear, Virginia Margaret (Home Economics)
- Beard, James Garl, Jr. (Electrical Engineering)⁵
- Beaver, Robert Miller (Liberal Arts and Sciences)
- Bebb, Robert VanArsdale (Floriculture)^{*}
- Bechly, Dan Smiley (Civil Engineering)^{*}
- Beck, Norman Saul (Dairy Technology)¹
- Becker, Jules (Journalism)
- Beisner, Ernest Bronwin (Journalism)
- Bell, John Albert (Metallurgical Engineering)^{*}
- Bengelsdorf, Irving Swen (Chemistry)^{***5}
- Benne, Joseph Paul (Civil Engineering)
- Bennett, Marjorie Lucille (Music Education)^{*}
- Bennitt, Ralph Anderson, Jr. (Civil Engineering)⁵
- Benoist, Albert Edward (Mechanical Engineering)¹
- Benoist, Aline Flora (Education)
- Benson, Betty Jean (Home Economics)¹
- Bergeson, Raymond Alfred (Physical Education)^{**}
- Bergfield, Leone (Education)
- Bergin, Samuel Adams (General Business)
- Bergren, Ruth Elizabeth (Nutrition and Dietetics)
- Biegler, John Charles (Accountancy)^{*1}
- Bilger, Robert Luke (Economics)¹
- Bittner, Howard Bernard (Mechanical Engineering)
- Blackard, Virginia Elizabeth (Education)
- Blasco, Elmer Adam Joseph (Journalism)
- Block, Robert Leon (Accountancy)^{*}
- Blount, Bradford Goff (Management)⁵
- Bludeau, Robert Edward (Electrical Engineering)¹
- Blue, Thomas Robert (Banking and Finance)¹
- Blume, Doris Evelyn (Home Economics)^{*}
- Boas, Wallace Eugene (Civil Engineering)
- Bock, Everett Wayne (Agriculture)
- Bohman, Raymond Harold (Mechanical Engineering)^{**1}
- Bonnett, Jennie Mae (Liberal Arts and Sciences)^{***}
- Boudreau, Maynard Lawrence (Agriculture)^{*}
- Bouslog, Nye Fulton (Agriculture)⁵
- Bowditch, Frederick Wise (Mechanical Engineering)⁵
- Boyle, Francis Albert (Agriculture)^{***3}
- Boylls, Clyde Curtis (Accountancy)
- Bracher, Robert Eugene (Management)
- Bramlet, James Baker (General Engineering)
- Brauniller, Richard Earl (Mechanical Engineering)
- Bremer, Milton Irving (Journalism)⁵
- Bridges, Shirley Jean (Home Economics)
- Bristow, Weir Edwin (Mechanical Engineering)¹
- Brockoh, Frederick John (Architectural Engineering)¹
- Brodsky, Edward (Ceramic Engineering)
- Brome, Charles Norman (Agricultural Engineering)⁵
- Brons, Patricia Louise (Education)⁵
- Broughton, Dean Clarence (Mechanical Engineering)
- Brown, Bernard Allen (Marketing)¹
- Brown, Kenneth Harold (Marketing)^{*1}
- Brown, Kermit Chesterfield (Marketing)¹
- Brown, Lois Stonebraker (Home Economics)¹
- Bruecker, John Frank (Civil Engineering)⁵
- Brush, Françoise Dumas (Education)
- Bryan, James David (Electrical Engineering)¹
- Buchanan, Harry Ray (Engineering Physics)¹
- Budd, Betty Ann (Physical Education)
- Bundy, John Leland (Agriculture)
- Bunyan, Emmet X. (Agriculture)⁵
- Burd, Julia Frances (Home Economics)^{**}
- Burgener, Warren Estel (Agriculture)⁵
- Burgin, Delmar Eugene (Banking and Finance)¹
- Burk, Louise (Education)¹
- Burke, Ralph Joseph (Floriculture)
- Burnett, William Fallows (Mechanical Engineering)¹
- Burruss, David Edward (Marketing)
- Burton, Elizabeth Poe Bailey (Home Economics)¹
- Busey, George William (Agriculture)¹
- Busiek, Angie (Home Economics)^{*}
- Butler, Margaret Eileen (Home Economics)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Buys, Clifford Richard (Banking and Finance)^{*1}
 Cable, Gray Hughes (Architecture)⁵
 Caldwell, Jack Spaulding, Jr. (Metallurgical Engineering)
 Calkins, Robert George (Mechanical Engineering)⁵
 Callery, John Edward (Accountancy)¹
 Cameron, Eileen Enza (Journalism)
 Camillo, Louis (Mechanical Engineering)
 Camp, Ross Mattis (Agriculture)
 Campbell, Alfred Duncan (Chemistry)¹
 Campbell, Charles Mervin (Management)⁵
 Campbell, Mary Janice (Home Economics)
 Campbell, Nelson Wellesley, Jr. (Journalism)
 Canham, LaVerne Emory (Agriculture)^{*5}
 Cannariato, Salvatore Joseph (Education)
 Cape, John Thompson (Management)
 Cappo, Gloria Antoinette (Education)
 Carlson, Richard Clayton (Management)
 Carlson, William Frederick (Chemical Engineering)
 Carlson, William Henry (Management)
 Carney, Frederick John (Journalism)⁵
 Carrigan, Dellora Patricia (Physical Education)
 Carroll, John Raymond (Mechanical Engineering)
 Carstens, Robert Lee (Management)¹
 Cavallo, Ernest A. Louis (Education)³
 Champion, Wayne Edwin (Education)¹
 Chang, Katherine Kam-Ho (Education)¹
 Chang, Kathleen Kam-Lin (Education)¹
 Channon, Mayer Hirsch (Music Education)¹
 Chapman, John Phillip (Agriculture)¹
 Chase, Joseph Jackson (Metallurgical Engineering)
 Chavez, Charles Edward (Mechanical Engineering)⁵
 Ching, Clement Kon Yuan (Management)⁵
 Christen, Louis Marie (Agriculture)
 Christensen, Mark Stuart (Mechanical Engineering)¹
 Christianson, Hilmar Barman, Jr. (Civil Engineering)
 Ciavarella, Peter John (Mechanical Engineering)⁵
 Cipriano, John Julius (Civil Engineering)⁵
 Cizauskas, Milda Birute (Physical Education)
 Clark, Aaron Cohen (Economics)
 Clark, Clemons Edward (Public Affairs)
 Clark, George Hood (Marketing)
 Clark, Keith Steward (Education)
 Clark, Ralph Burnett (Mechanical Engineering)
 Clausen, Ralph Theodore (Marketing)¹
 Clement, James Wheeler (Liberal Arts and Sciences)⁵
 Clements, Emmabelle (Home Economics)
 Clinton, Harold (Civil Engineering)^{*5}
 Cloke, Thomas Henry, Jr. (Mechanical Engineering)¹
 Clotfelter, Laura Jane (Education)³
 Cochran, Paul Lipton (Electrical Engineering)⁵
 Coel, Joseph (Civil Engineering)¹
 Cole, Mildred Berniece (Education)⁵
 Collins, James Anthony (Architectural Engineering)
 Comassar, Seymour (Mechanical Engineering)⁵
 Conrad, Roy Monroe, Jr. (Architectural Engineering)
 Corduan, Alfred Ernst (Mechanical Engineering)¹
 Cowling, Marjorie Ruth (Home Economics)
 Crain, Gwendolyn Violet (Nutrition and Dietetics)
 Cramer, Glenn Riley (Marketing)
 Crane, Robert Leo (Agriculture)
 Crumbaugh, Wendell Simeon (Agriculture)
 Cunningham, Mildred Louise (Education)
 Curtin, Rita Ann (Home Economics)
 Curtis, John Addison (Management)
 Cusick, Hazel (Home Economics)
 Cutright, Alice Genevra (Education)¹
 Cvikota, John Thomas, Jr. (Liberal Arts and Sciences)
 Czyzewski, Edward Stanley (Chemical Engineering)
 Dagit, Roland Harvey (Architectural Engineering)
 Dale, Wesley John (Chemistry)^{****1}
 Damhorst, Clarence Ellis (Accountancy)
 Damisch, George Atchison, Jr. (Dairy Technology)
 Daniels, Frank, Jr. (General Engineering)⁵
 Daniels, George Herbert (Chemical Engineering)⁵
 Davey, Floyd Bruce (Accountancy)
 Davies, James Robert (Agriculture)^{*}
 Davies, Ray, Jr. (Ceramic Engineering)
 Day, John Robert (Civil Engineering)¹
 Davis, Lee Wainscott (Mechanical Engineering)⁵
 Davis, Mary Alice (Home Economics)
 Davis, Virginia Minor (Education)
 Dawidoff, Fay Helen (Management)
 Day, Zillah Katherine (Journalism)⁵
 Deason, Herbert Ezbon (Agriculture)¹
 Deason, Raymond Ellery (Agriculture)¹
 Decker, Jack Ahlmar (Civil Engineering)
 Dedinas, John Anton (Metallurgical Engineering)
 Deichmann, Mary Louise (Education)
 Deining, Henry Winton (Accountancy)
 DeJonghe, Joseph John, Jr. (Electrical Engineering)¹
 DeLong, Mary Lucille (Home Economics)
 DeLorenzo, William Francis (Liberal Arts and Sciences)
 Del Rose, Andrew Harrison (Accountancy)
 DeMoise, Bruna Maria (Music Education)
 Denhart, William Bruce (Liberal Arts and Sciences)
 Devlin, John Hade (Accountancy)¹
 DeVogelaere, Robert Arthur (Marketing)
 Dick, Herbert Louis, Jr. (Chemical Engineering)
 Dickinson, Robert Michael (Journalism)
 Diercksmeyer, Elaine June (Education)
 Dieterle, Susan Jane (Journalism)
 Dippold, Arthur James (Ceramic Engineering)¹
 Dismore, Paden Fasold (Liberal Arts and Sciences)^{**}
 Di Vito, Joseph Francis (Metallurgical Engineering)
 Dluzen, Edward Roman (Electrical Engineering)^{*1}
 Dobrovolny, Jerry Stanley (General Engineering)⁵
 Dobson, Hubert Wayne (Mechanical Engineering)¹
 Dolder, Robert Hinkey (Agriculture)⁵
 Dolin, Albert (Liberal Arts and Sciences)
 Dore, Robert Patrick, Jr. (Accountancy)⁵
 Dorion, Oakley Seger (Marketing)
 Douglas, Glenn Everett (Agriculture)¹
 Dowdall, Jack Dale (Accountancy)
 Drake, Dorothy Moon (Home Economics)
 Drake, William Jolley (Journalism)
 Dresselhuys, Edward Clarence (Education)¹
 Drew, Clifford Lee (Liberal Arts and Sciences)^{*1}
 Drezner, Selig Harold (Commerce and Law)
 Ducwer, Dorothy Deane (Liberal Arts and Sciences)^{**}
 Dunn, Carl Archibald (Marketing)
 Dunn, Jeanne Elizabeth (Liberal Arts and Sciences)
 Durbin, Paul Eugene (Agriculture)^{**}
 Dye, Richard Willoughby (Commerce and Law)⁵
 Dyer, Donna Aline (Nutrition and Dietetics)
 Dyer, Edith May (Journalism)^{*1}
 Dykstra, Gerald Gordon (Electrical Engineering)¹
 Eckersberg, Curtis Hugo (Management)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Edstrom, Carl Alfred (Architectural Engineering)¹
 Edwards, Pearl Irene (Home Economics)¹
 Eggers, David Frank, Jr. (Chemistry)^{***}
 Ehredt, Mary Jeanette (Home Economics)
 Eichstaedt, Howard Meade (Civil Engineering)⁵
 Eilers, Robert Williams (Accountancy)¹
 Eisenstaedt, Richard Henry (Accountancy)⁵
 Ellickson, Bruce Edward (Liberal Arts and Sciences)¹
 Ellicott, Harriet Kathryn (Physical Education)
 Elliott, Hubert Allen (Mechanical Engineering)
 Ellis, Harold Harlan (Vocational Agriculture)^{*}
 Ellisman, Carl (Mechanical Engineering)¹
 Ellsworth, Thomas Parker (Electrical Engineering)
 Elwell, Robert Hawks (Liberal Arts and Sciences)¹
 Engdahl, Gordon William (Chemical Engineering)
 Engel, Elmer Henry (Physical Education)
 Engel, Harry Edward (Agriculture)^{*1}
 Engquist, Elmer Howard (Chemical Engineering)
 Epstein, Sidney (Civil Engineering)^{**5}
 Erickson, Clarence Oscar (Agriculture)
 Erickson, John Leonard (Chemical Engineering)^{**}
 Espenschied, Roland Frederick (Agriculture)⁵
 Espy, Mary Louise (Nutrition and Dietetics)^{*}
 Estrin, Mandel (Electrical Engineering)¹
 Evans, Tony Wright (Mechanical Engineering)⁵
 Eyerly, Jack Lyle (Education)^{*2}
 Fabler, Howard O'Neill (Economics)
 Fairbairn, Robert Charles (Mechanical Engineering)¹
 Falta, Joseph Frank (Mechanical Engineering)¹
 Farr, John David (Chemical Engineering)
 Farris, Loren Taylor (Marketing)
 Fechtig, Ernest Edwin (Agriculture)¹
 Feld, Myron (Liberal Arts and Sciences)¹
 Feldman, Norton Russell (Accountancy)¹
 Felton, Robert Lionel (Liberal Arts and Sciences)¹
 Fenster, Peggy Yola (Liberal Arts and Sciences)
 Ferry, George Francis, Jr. (Liberal Arts and Sciences)⁵
 Fetherston, John Mulholland, Jr. (Mechanical Engineering)⁵
 Filson, Calvin Dewhirst (Public Affairs)
 Fine, Stuart Alan (Mechanical Engineering)
 Finger, Shirley Jane (Home Economics)³
 Finley, Dale Claude, Jr. (Liberal Arts and Sciences)⁵
 Fioocchi, Charles Anton (Education)³
 Fitch, Mary Ethelyn (Nutrition and Dietetics)⁵
 Fitch, Willard Eugene (Electrical Engineering)
 Flynn, Margaret Suzanne (Home Economics)¹
 Foley, John Ward (Banking and Finance)¹
 Foraker, Robert Wolcott (Ceramic Engineering)¹
 Foran, Zoe (Liberal Arts and Sciences)^{**5}
 Forsberg, Carl Earl (Music Education)^{*}
 Forst, Ralph William (Metallurgical Engineering)
 Foster, Mary Kathryn (Education)
 Foster, Stanley Vincent (Physical Education)
 Franke, Ralph Carl (Ceramics)¹
 Frazee, Lawrence Eugene (Accountancy)^{*}
 Freeland, Paul Alexander (Electrical Engineering)^{*1}
 Friduss, Jarvis Hale (Marketing)
 Frisch, Marie Clara (Management)
 Frisch, Marvin William (Management)^{**5}
 Fromm, August Molkey (Mechanical Engineering)¹
 Fruin, Kathleen Louise (Home Economics)
 Fuchs, Bernard Paul (Agriculture)³
 Fuchs, Gerald Leroy (Accountancy)
 Fulkerson, Hubert Homer (Agriculture)
 Fuller, Jeanne Eleanor (Home Economics)
 Fulton, Elizabeth Josephine (Education)
 Gabel, Delbert William (Agriculture)
 Galus, Walter Joseph (Mechanical Engineering)^{**}
 Galbreath, William Wilson, Jr. (Ceramic Engineering)¹
 Gardner, Lola Faye (Home Economics)
 Gardner, Ralph Alexander (Chemistry)⁵
 Garst, Arthur Paul (Mechanical Engineering)¹
 Garvin, Ruth Mae (Home Economics)
 Gasbarra, Edward Etlo Jack (Management)¹
 Gauthier, Clarence Joseph (Mechanical Engineering)¹
 Geeseman, Gordon Earle (Agriculture)^{*}
 Gehle, Marion Elizabeth (Home Economics)^{*5}
 Georg, Emma Joanna (Liberal Arts and Sciences)¹
 Gerding, Earl Thomas (Architecture)^{*}
 Gerstung, Harry Otto (Mechanical Engineering)¹
 Gertsch, Leonard Elvin (Architectural Engineering)
 Gervig, Charles Marzolf (Public Affairs)
 Ghilain, Henry Taylor (Education)
 Gibbs, Charles Robert (Management)
 Gibson, Betty Lou (Journalism)
 Gibson, Lowell Charles (Chemical Engineering)^{**5}
 Gill, Richard John Charles (Liberal Arts and Sciences)
 Goddard, Warner Witham (Industrial Education)¹
 Godlewski, Edward Anthony (Mechanical Engineering)¹
 Goers, Myron Belmont (Accountancy)
 Goetz, Ruth Regina (Nutrition and Dietetics)
 Goldberg, Beatrice (Liberal Arts and Sciences)
 Goldfarb, Seymour (Chemistry)
 Goodman, James Flatt (Accountancy)⁵
 Goldman, Sol (Liberal Arts and Sciences)
 Good, Richard James (Liberal Arts and Sciences)¹
 Gordon, Howard Aaron (General Engineering)¹
 Gordon, Thomas Allen (Physical Education)¹
 Gottschalg, Ida Eleanore (Education)
 Gottschalg, Ruth (Education)
 Gouvens, Carolyn Berger (Home Economics)¹
 Graham, Carl Grant, Jr. (Civil Engineering)¹
 Graham, Ruth Elizabeth Varner (Home Economics)¹
 Graper, Leslie Gilbert, Jr. (Metallurgical Engineering)
 Graves, William Edward (Agricultural Engineering)¹
 Gray, Henry Theodore (Architectural Engineering)
 Gray, Mary Helen (Accountancy)
 Greanias, Gus George (Mechanical Engineering)¹
 Green, Doris Elizabeth (Home Economics)
 Greenberg, Howard R. (Liberal Arts and Sciences)
 Greening, Harry Glenn (Chemical Engineering)^{*}
 Greenwood, Joseph Martin (Marketing)^{*5}
 Greffe, Mary Rachel (Home Economics)
 Gregory, Everett Clark (Agricultural Engineering)⁵
 Griffith, Mary June (Home Economics)
 Griffith, Walter George (Management)⁵
 Grigsby, Juanita Zimmerman (Home Economics)^{*}
 Groak, Addison Newman (General Engineering)
 Grodski, Gertrude Valentine (Economics)⁵
 Grunsfelder, Melvin Henry (Physical Education)¹
 Gruner, Max Nelson (Ceramic Engineering)¹
 Grunert, Allison Carter (Civil Engineering)⁵
 Gullaksen, John Ragnvald (Architectural Engineering)⁵

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Gutel, Elizabeth Ann (Nutrition and Dietetics)
 Guynn, Mildred Louise (Education)
 Haas, Morton Alan (Accountancy)¹
 Hainer, David Thomas (Agriculture)
 Hainer, John Oldrich (Liberal Arts and Sciences)
 Hailey, James Donald (Metallurgical Engineering)
 Hale, Jackson Lee (Marketing)
 Hall, Jeanette Lucille (Economics)¹
 Halterman, Jean Cecil (Journalism)⁵
 Hamburg, Raymond (Mechanical Engineering)
 Hamilton, Alan Bleyer (Agriculture)¹
 Hamilton, George Edward (Electrical Engineering)
 Hamlyn, Alvera Ethel (Education)³
 Hamman, Robert Eugene (Liberal Arts and Sciences)¹
 Hammer, Jesse Seymour (Accountancy)
 Hammerstein, Edward Hersey (Electrical Engineering)
 Hance, Charles Robert (Chemistry)*
 Hankins, Dale Leonard (Mechanical Engineering)
 Hanssen, Stanley Benzie (Mechanical Engineering)⁵
 Harder, Ruth Louise (Management)
 Harjes, Clarence Frank (Chemistry)*
 Harman, John Royden (Management)
 Harmon, Mercedes Laconchita (Education)
 Harms, George Elmer (Floriculture)¹
 Harms, Glenn Raymond (Commerce and Law)⁵
 Harms, Reno Frank James (Music Education)¹
 Harper, Donald Edward (Civil Engineering)¹
 Harriman, Grace (Music Education)*
 Harris, Ealon Roberta (Liberal Arts and Sciences)^{***}
 Harris, Richard Fielding (Agriculture)*
 Harrison, Mary Coulter (Education)
 Hart, James William (Accountancy)
 Hart, Mendel Eugene (Accountancy)
 Hartshorn, Willard Glenn (Agriculture)^{*1}
 Harvey, Jack Victor (Liberal Arts and Sciences)^{*}
 Hathaway, Robert Joseph, III (Liberal Arts and Sciences)³
 Haugens, Edward Emmett (Accountancy)³
 Hawkins, Norma Berniece (Education)
 Hays, Charles Kenneth (Agriculture)¹
 Hayward, Mary Lou (Education)
 Hazelkorn, Herbert Nathaniel (Liberal Arts and Sciences)⁵
 Healy, Edward Daniel (Agriculture)⁵
 Heath, Lydia Jeannette (Home Economics)
 Heatherton, Richard Charles (Liberal Arts and Sciences)
 Hedlin, Jack Philip (Mechanical Engineering)¹
 Hedrick, Robert Dwight (Accountancy)⁵
 Hedrick, Ross Melvin (Chemistry)^{***}
 Heggemeier, Gilbert Harold (Vocational Agriculture)
 Heggemeier, Wilbert Stanley (Vocational Agriculture)
 Heinicke, Betty Louise (Home Economics)
 Hellen, Leslie Phillips, Jr. (Liberal Arts and Sciences)³
 Hemp, Paul Edwin (Agriculture)^{***}
 Henderson, Edwin Hirsche (Agricultural Education)
 Hendrix, Rex Lee (Agriculture)
 Hencrt, Burnell Ernest (Agriculture)⁵
 Henkin, Edwin (Liberal Arts and Sciences)³
 Henningsen, Allen M. (Mechanical Engineering)^{*1}
 Henry, Donald Lewis (Electrical Engineering)¹
 Hensold, Harold Hartman, Jr. (Accountancy)^{*1}
 Hermann, Ray Arthur (Marketing)
 Hermle, Lawrence (Marketing)¹
 Herron, Kenneth Elgin (Journalism)
 Herron, Lona Vivian (Marketing)
 Hersman, Gordon Leith (Agriculture)*
 Heyman, Adeline (Music Education)
 Hickman, William Albert (Civil Engineering)
 Hicks, Allan Charles (Accountancy)*
 Hicks, Ruth Claire (Education)³
 Hill, Ellen Terry (Home Economics)*
 Hill, Helen (Liberal Arts and Sciences)
 Hines, Marion Louise (Education)
 Hinton, Robert Stanley (Agriculture)^{*5}
 Hiintz, Otto Edward (Mechanical Engineering)^{*1}
 Hirsch, Lawrence Leonard (Liberal Arts and Sciences)
 Hoberg, Grace Marjorie (Marketing)
 Hockfield, Robert (Electrical Engineering)¹
 Hodgson, Helen Ruth (Education)
 Hoefle, Milton Louis, Jr. (Chemistry)^{***1}
 Hofmann, Robert (Civil Engineering)¹
 Holacher, Anna Elizabeth (Home Economics)^{*5}
 Holbert, Robert Wallace (Agriculture)^{*3}
 Hollender, Harold Marvin (Liberal Arts and Sciences)¹
 Holmes, Lucille (Physical Education)
 Holtzman, Lucille (Education)
 Honigman, Walter Hans (Accountancy)¹
 Hood, Wilma Elizabeth (Journalism)
 Hoppe, Ewald, Jr. (Mechanical Engineering)¹
 Horning, Richard Harmon (General Engineering)
 Horton, Frederick Irving (Civil Engineering)
 Horwitz, Jack David (Liberal Arts and Sciences)
 Hotchkiss, Hope Darleen (Home Economics)¹
 House, Ray Warren (Agriculture)*
 Houser, Emerson Kilbey (Management)
 Howerton, Belva Deulah (Home Economics)¹
 Hruska, Richard Anton (General Engineering)
 Huber, May Olive (Home Economics)^{*2}
 Huegel, Delmar William (Mechanical Engineering)¹
 Huey, Willard Myron (Journalism)¹
 Huff, James Wilbur (Mechanical Engineering)¹
 Hufford, Duane Lamson (Chemistry)^{*5}
 Hughes, Leone (Education)¹
 Hull, Thomas Frederick (Physical Education)
 Hume, Mary Katherine (Home Economics)
 Hunter, John Merlin (Economics)^{*1}
 Hunter, William Jay (Management)
 Hutchins, Byron Whiting (Agriculture)
 Huth, Henry Herbert (Chemical Engineering)
 Huxtable, Delos Dean (Dairy Technology)
 Hyde, Margaret Olive (Music Education)
 Hyman, LeRoy Harold (Mechanical Engineering)
 Hymen, Ira Edwin (Journalism)¹
 Ingve, Charles Irving, Jr. (Accountancy)
 Jack, William Griggs (Management)⁵
 Jackson, Dean McCurdy (Agriculture)¹
 Jaenke, Florence Stumpf (Education)³
 Jakob, Karl (Agriculture)
 James, Robert Minor (Management)*
 Janssen, Melvin Russell (Agriculture)^{*1}
 Jaronik, Frank John (Marketing)¹
 Jecha, Irwin (Accountancy)^{*1}
 Jefferson, Ruth Elizabeth (Education)
 Jennings, Donald Warren (Management)⁵
 Jensen, Carol Gene (Home Economics)
 Johnson, Robert Fenn (Journalism)
 Johns, Adele Genevieve (Liberal Arts and Sciences)¹
 Johnson, Arthur Harding (Mechanical Engineering)
 Johnson, Arthur Ubbe (Management)
 Johnson, Bette Marie (Nutrition and Dietetics)⁵
 Johnson, Carol Margaret (Liberal Arts and Sciences)
 Johnson, Donald Clifford (Marketing)¹
 Johnson, Donald Ross (Agriculture)^{*1}
 Johnson, Dorothy Bernice (Liberal Arts and Sciences)^{*1}
 Johnson, Earl Elmer (Agriculture)⁵
 Johnson, Ernest Owen (Agriculture)¹
 Johnson, Ethyl Marie (Education)³

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Johnson, Grace Lucille (Education)
 Johnson, Julian (Management)¹
 Johnson, Kermit Joseph (Accountancy)¹
 Johnson, Marshall Alvin (Management)⁵
 Johnson, Otto Eugene (Agricultural Engineering)^{*1}
 Johnson, Robert Peter, Jr. (Liberal Arts and Sciences)¹
 Johnson, Robert Russell (Education)
 Johnson, Rose (Education)³
 Johnson, Susie Mareene (Education)³
 Johnson, William Eugene (Accountancy)^{*1}
 Joiner, Joan (Journalism)
 Jones, Delbert Warren, Jr. (Electrical Engineering)^{*1}
 Jones, Dorothy Nell (Liberal Arts and Sciences)⁵
 Jones, Robert (Marketing)
 Jordan, Lawrence Paul (Industrial Administration)¹
 Joseph, Jack Seymour (General Engineering)
 Judson, William Bernard (Mechanical Engineering)
 Jungé, James Francis (Chemical Engineering)^{**}
 Kagawa, Wallace Kenso (Architectural Engineering)
 Kahn, Sidney Walter (Journalism)¹
 Kaiser, Jordon Harry (Mechanical Engineering)
 Kallal, Robert John (Chemical Engineering)^{***}
 Kammerling, Harry Max (Civil Engineering)
 Kane, Mitchell George (Agriculture)^{**1}
 Kanitz, Edwin Henry (Chemical Engineering)^{*}
 Kaplan, David (Architecture)^{**}
 Kaplan, Jacques Robert (Liberal Arts and Sciences)¹
 Karcher, William Charles (Accountancy)^{*1}
 Karlstrom, Paul Edward (Accountancy)¹
 Kasik, Bernard (Mechanical Engineering)¹
 Kaspar, Anna (Education)³
 Katz, Alvin Eugene (Journalism)²
 Katz, Sidney Richard (Management)
 Keenan, Kenneth Thomas (Accountancy)
 Keene, Ruth Elizabeth (Home Economics)
 Kellam, William Emory (Architectural Engineering)
 Kelly, Dudley Rodes (Architectural Engineering)
 Kelly, Leonard John (Electrical Engineering)⁵
 Kennedy, William Earnest (Agriculture)^{***1}
 Kennel, Robert Emil (Mechanical Engineering)⁵
 Kenny, Raymond John (Accountancy)
 Kerasotes, Louis Gus (Management)
 Kerestesi, Frank Charles (Marketing)
 Kesler, Clyde Ervin (Civil Engineering)^{**1}
 Kessler, Phillip Arthur (Architectural Engineering)
 Kiester, Robert St. John (Liberal Arts and Sciences)¹
 Kindred, Barbara Jean (Home Economics)
 Kirby, Edward Vincent (Liberal Arts and Sciences)²
 Kirby, Oliver Rae (Chemistry)^{***1}
 Kirk, Karl Archer (Agriculture)³
 Kirkpatrick, Gladys Ruth (Education)³
 Kirmaier, Raymond Anthony (General Engineering)
 Kizewich, William Joseph (Mechanical Engineering)
 Kleinfeld, Irving (Liberal Arts and Sciences)⁵
 Kloock, Phyllis Joy (Home Economics)
 Klosinski, Stanley Joseph (Accountancy)
 Kluts, Charles Austin (Electrical Engineering)
 Kmet, Florence Frances (Management)
 Knell, Martin (Chemical Engineering)^{***}
 Knoblich, Marvin Morris (Accountancy)
 Koch, Robert Charles (Liberal Arts and Sciences)
 Koehler, Donna Irene (Home Economics)
- Koehler, Raymond Vater, Jr. (Civil Engineering)¹
 Koenig, Mary Katherine Ryall (Home Economics)¹
 Kohler, Peter Joseph (Mechanical Engineering)
 Kohnert, Arnold Fred, Jr. (Civil Engineering)^{*1}
 Kovac, James Joseph (Mechanical Engineering)⁵
 Kozak, Anita Lucille (Physical Education)¹
 Krejca, Frank Joseph (Liberal Arts and Sciences)
 Krieger, Robert John (Electrical Engineering)
 Kroner, James Carlton (Liberal Arts and Sciences)
 Kronig, Virginia Barbara (Home Economics)
 Krubel, Fred John (Mechanical Engineering)¹
 Krueger, Edward John (Mechanical Engineering)⁵
 Kuizin, Victor Joseph (Accountancy)⁵
 Krukas, Genevieve Vivian Fish (Physical Education)³
 Kuyper, William Oscar (Music Education)¹
 Kwate, Bernard (Ceramics)¹
 Laegeler, Julius Charles, Jr. (Mechanical Engineering)⁵
 La Forge, Margaret Catherine (Home Economics)
 Lagoda, Adolph Alexander (Industrial Education)¹
 Lahlein, Robert Browning (Journalism)¹
 Lambert, Eldon Franklin (Physical Education)
 Lambert, Lowell Edward (Civil Engineering)¹
 Lambert, William Evans (Marketing)²
 Landes, Thomas Nelson, Jr. (Architectural Engineering)^{*}
 Landis, Maurice Desmidt (Industrial Administration)¹
 Landon, Carrie Alice (Education)³
 Landstrom, Howard John (Management)
 Lane, Joseph Robert (Metallurgical Engineering)
 Lanferman, Paul Edward (Mechanical Engineering)⁵
 Lang, Marjorie Jeanne (Education)
 Lange, Keith Miller (Marketing)
 Lantz, Norma Rose (Liberal Arts and Sciences)¹
 Lapins, Gerald Martin (Marketing)
 Larks, Sol David (Electrical Engineering)¹
 Larson, Roger Kendrick (Electrical Engineering)
 Lawrence, James Vantine (Liberal Arts and Sciences)
 Leach, Ruth Louise (Home Economics)
 Leavitt, Sheldon Joseph (Civil Engineering)^{**5}
 Lebow, Sanford (Ceramic Engineering)⁵
 Lederer, Sanford Harry (Management)
 Leeb, Alvin Jerome (Liberal Arts and Sciences)¹
 Lefever, Charlotte Birdelia (Home Economics)
 Lefor, Peter Michael (Liberal Arts and Sciences)
 Lefton, Jacqueline Gloria (Nutrition and Dietetics)
 Leggett, Edith Bernice (Home Economics)⁵
 Lehmann, John Willard (Agriculture)
 Leikin, Mitchell (Economics)
 LeKander, Louisa Jo (Journalism)
 Lemke, Catherine Elizabeth (Liberal Arts and Sciences)⁵
 Lepovsky, Solomon (Accountancy)
 Lepp, John Alvin (Accountancy)
 Lett, Clarelle Jean (Education)
 Levinson, Irving Sidney (Metallurgical Engineering)
 Levy, Bennet David (Accountancy)¹
 Levy, Sherman Maas (Management)⁵
 Lewis, John Morgan (Agriculture)⁵
 Lewis, Martin Melvin (Marketing)¹
 Lewis, Tom Irving (Agriculture)¹
 Lewis, William McKinley (Physical Education)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Lindahl, Willard Arnold (General Engineering)*¹
- Lindley, Roberta Anderson (Nutrition and Dietetics)
- Lindquist, John Randall (Chemistry)
- Lippincott, Ralph Leon (Mechanical Engineering)*
- Little, Wallace Irwin (Marketing)⁵
- Livesay, Frances Patty (Liberal Arts and Sciences)*¹
- Llewellyn, David William (Liberal Arts and Sciences)⁶
- Lohr, Ernest Edward, Jr. (Architecture)
- Lomborg, Beatrice (Liberal Arts and Sciences)
- Long, George McRoberts (Mechanical Engineering)*¹
- Long, Robert Franklin (Agriculture)*¹
- Long, William (Liberal Arts and Sciences)
- Longmire, Conrad Lee (Engineering Physics)*¹
- Loomis, Geraldine Marion (Home Economics)
- Lorant, Bernard Harold (Chemistry)⁵
- Lorentz, Robert Winfred (Civil Engineering)
- Lorig, Marvin B. (Mechanical Engineering)
- Losuvalna, Jaroch (Mechanical Engineering)¹
- Lothrop, James Denny (Architecture)⁵
- Loverde, Salvatore Joseph (Physical Education)
- Ludvik, Maida Marie (Journalism)
- Ludwig, Katherine Ann (Liberal Arts and Sciences)¹
- Lukman, Genevieve Carolyn (Liberal Arts and Sciences)*
- Lundahl, Allan Richard (Marketing)
- Lundin, James William (Banking and Finance)
- Lupinske, Harry Gustave, Jr. (General Engineering)¹
- Luza, James Joseph (Mechanical Engineering)*⁵
- Lyman, Homer Cornelius, Jr. (Liberal Arts and Sciences)³
- Lynch, Eugene Darrel (Ceramics)⁵
- Lyon, Priscilla Marie (Liberal Arts and Sciences)
- Lyons, Harriet Annie (Education)³
- Macks, Elmer Fred (Mechanical Engineering)
- Madden, Dean Ennis (Mechanical Engineering)
- Magnusson, Loren Albert (Education)³
- Mahan, Marvin Hart (Liberal Arts and Sciences)¹
- Mail, Isaac Paul (Liberal Arts and Sciences)
- Majewski, Laura Angela Agnes (Journalism)¹
- Malach, Joan Margaret (Education)¹
- Malelo, Aldona Dolores (Education)
- Malik, Warren Clarence (Accountancy)
- Malone, Anthony John (Liberal Arts and Sciences)
- Manley, Charles Lance (Commercial Teaching)¹
- Mann, Dorothy Angelene (Education)¹
- Marchuk, Euphemia (Liberal Arts and Sciences)
- Mareneck, William Adolph (Mechanical Engineering)*¹
- Marr, Edna Eudora (Education)*¹
- Marschak, Louis J., Jr. (Accountancy)
- Marsobian, Michael M. (Marketing)
- Martin, Marvin Lee (Agriculture)
- Martin, Vivian Marie (Home Economics)
- Masiokas, Frank Mike (Accountancy)¹
- Massock, William Paul, Jr. (Marketing)¹
- Mather, Vina Janet (Home Economics)
- Mathers, Leslie Eugene, Jr. (Agriculture)
- Mathis, Ruth Katherine (Liberal Arts and Sciences)
- Mathisen, Arthur Fremont (Physical Education)
- Matousek, Edward James (Electrical Engineering)
- Matter, Robert Curtis (Metallurgical Engineering)
- Mauney, Charles Vance (Agriculture)¹
- Maurer, Herman Joseph (Metallurgical Engineering)
- Maurer, Leslie James (Electrical Engineering)¹
- Mays, George Elmore (Mechanical Engineering)*
- McCann, Charles Fretz (Electrical Engineering)¹
- McCarthy, James Patrick (Physical Education)
- McClay, Clarence Harvey (Mechanical Engineering)¹
- McCleary, Robert Elliot (Mechanical Engineering)
- McCleish, John George (Mechanical Engineering)¹
- McClelland, Cynthia Violet (Liberal Arts and Sciences)
- McClelland, Helen Louise (Home Economics)
- McClure, Margaret Alice (Home Economics)
- McConnell, Paul Everett (Agriculture)⁵
- McCord, Mary Evelyn (Home Economics)
- McCorvie, Wayne Robinson (Management)⁵
- McCully, Samuel Murray (Agriculture)
- McDonald, Robert Charles (Liberal Arts and Sciences)¹
- McDougall, Edward Joseph, Jr. (Chemical Engineering)⁵
- McEncroe, Genevieve Adele (Education)
- McGill, Grant White, Jr. (Agriculture)
- McGowan, Patricia Ann Sara (Education)¹
- McGrady, Denis Antony (Commerce and Law)
- McKean, James Dickman, Jr. (Agriculture)
- McKean, Marjorie Mae (Home Economics)*
- McKenna, Mary Patricia (Education)
- McLeod, Donald Graham (Journalism)¹
- McMahon, Thomas Paul (Accountancy)¹
- McMein, Louisa (Music Education)
- McQuiston, Robert Hugh (Electrical Engineering)
- McRaven, Joseph Dixson (Liberal Arts and Sciences)
- McWhorter, Emma June (Home Economics)³
- Meagher, Betty Lee (Liberal Arts and Sciences)⁵
- Meek, James Brace (Civil Engineering)
- Meilinger, Rex Frederick (Marketing)
- Melin, Jane (Marketing)⁵
- Melnick, Allen D. (Physical Education)⁵
- Mendez, Erasmo, Jr. (Civil Engineering)¹
- Meredith, Helen Margaret (Education)
- Meredith, Robert James (Mechanical Engineering)⁵
- Metzler, Donald Hugo (Mechanical Engineering)⁵
- Meyer, Charles Arnold (General Engineering)¹
- Mezner, Edward (Accountancy)*¹
- Michalec, Raymond James (Management)¹
- Mihalopoulos, Gust James (Mechanical Engineering)
- Milcezny, Ruth Josephine (Education)
- Miller, Desle Otto (Mechanical Engineering)¹
- Miller, Harold Alvin (Electrical Engineering)
- Miller, Harold Arthur (Accountancy)¹
- Miller, Harold Sheldon (Marketing)
- Miller, Helen Ann (Home Economics)*
- Miller, Jean Frances (Music Education)
- Miller, John Gillis (Electrical Engineering)
- Miller, John Matthew (Management)
- Miller, Lana Belle (Home Economics)
- Millett, Norman Charles (Architectural Engineering)*¹
- Milne, Isabella Augusta (Liberal Arts and Sciences)³
- Mindel, Morris (Journalism)¹
- Minkley, James Bruce (Mechanical Engineering)¹
- Mitchel, Pauline (Music Education)*¹
- Mitchell, Robert Donald (Management)*
- Mitchell, Warren Irvin (Mechanical Engineering)
- Mittan, Velma Bernice (Education)
- Moede, Herbert Holmes (Management)¹
- Moldt, Ray George (Mechanical Engineering)¹
- Molof, Jerome Jerry (Agriculture)
- Monahan, John William (Liberal Arts and Sciences)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Monitz, Norman Nathan (Liberal Arts and Sciences)⁵
 Monke, Walter Adolph (Agriculture)
 Moon, Ida Marie (Education)⁵
 Moore, Ada Marie (Home Economics)
 Moore, Deborah Cole (Home Economics)**
 Moore, Robert Ellsworth (Mechanical Engineering)¹
 Morgan, Joseph Franklin (Electrical Engineering)
 Morris, Junius Hugh (Education)³
 Morrison, Elizabeth (Liberal Arts and Sciences)
 Morrisett, Robert Thomas (Architectural Engineering)
 Morrison, Sheldon Alfred (Accountancy)¹
 Morse, James Ephraim (Marketing)
 Mortenson, John Brother (Agriculture)
 Mowery, Robert Wayne (Agriculture)*
 Mravec, Mary Jeanne (Music Education)
 Mueller, Erwin Ferdinand, Jr. (Civil Engineering)¹⁵
 Mueller, William John (Chemical Engineering)
 Muirheid, Benjamin Franklin (Agricultural Engineering)*
 Munie, Delmer Edward (Mechanical Engineering)⁵
 Munro, Joseph (Mechanical Engineering)
 Munson, Carol (Education)
 Murdock, Arlene Christine (Education)⁵
 Murphy, William Grove (Civil Engineering)
 Murvyn, Garland Gerald (Marketing)
 Myers, Edwin George (Agriculture)³
 Myers, Helen Adelene (Home Economics)¹
 Myers, Morris Louis (Management)
 Myers, Noel Warren (Chemical Engineering)**
 Myers, Oran Vincent (Education)⁵
 Myren, Alben Theodore (Agriculture)¹
 Myslik, Lorraine Audrey (Education)⁵
 Nathan, Gertrude (Liberal Arts and Sciences)
 Neal, Charlotte Castle (Home Economics)¹
 Neal, Walter Harold (Agriculture)¹
 Nearing, Fredric Garlon (Electrical Engineering)
 Neely, Alfred William (Electrical Engineering)
 Nelson, Warren Christian (Agriculture)**
 Nelson, Willard (Vocational Agriculture)⁵
 Nesheim, Robert Olaf (Agriculture)**¹
 Newman, Esther Rosalee (Home Economics)
 Nickels, William Carl (Accountancy)
 Nickelson, Lee Ernst (Mechanical Engineering)¹
 Nickolls, Kenneth Richard (Chemical Engineering)
 Nield, Betty Belle (Liberal Arts and Sciences)
 Nixon, Richard Warren (Liberal Arts and Sciences)
 Noecker, Julia Agnuss (Education)³
 Noel, Barbara Holcomb (Liberal Arts and Sciences)
 Nolan, William Joseph (Agriculture)**³
 Nolte, William Robert (General Engineering)¹
 Nommensen, Erwin Ward (Liberal Arts and Sciences)**
 Nordstrom, Gerald Leslie (Accountancy)
 Novak, Rudy (Education)³¹
 O'Brien, George Matthew, Jr. (Chemical Engineering)⁵
 Odell, Floyd William (Architectural Engineering)
 Offerman, Elmer Edward (Agriculture)
 Ogdan, Willis Limle (Civil Engineering)⁵
 Olin, Roger George (Journalism)
 Olson, David Emerson (Management)¹
 Oltman, Rozella Mae (Accountancy)
 Opperman, Kenton Carl (Mechanical Engineering)⁵
 Orr, Forrest Catolet (Liberal Arts and Sciences)⁵
 Ott, Melvin LeRoy (Liberal Arts and Sciences)
 Owen, William Meredith (Mechanical Engineering)⁵
 Ownby, Ruth Louise (Home Economics)
 Paasche, Olaf Gustav (Metallurgical Engineering)¹
 Packalen, Marjorie Marie (Liberal Arts and Sciences)
 Padgett, Marian M. (Education)
 Pallister, Jack (Civil Engineering)
 Palmer, Ralph William (Management)⁵
 Park, Alan Edward (Mechanical Engineering)
 Park, Norma Evelyn (Home Economics)⁵
 Parker, Kenneth Paul (Physical Education)
 Parks, Donald Ivan (Agriculture)*
 Patterson, John Renwick (Agriculture)
 Paulshock, Marvin (Chemistry)**³
 Paulsen, Arthur Nels, Jr. (Chemical Engineering)
 Pawlowski, Joseph George (Education)
 Paxton, Ralph Robert (Chemical Engineering)**³
 Peach, Louise Emily (Home Economics)
 Pearlman, Edythe Natalie (Liberal Arts and Sciences)³
 Peasley, William Kenneth (Mechanical Engineering)¹
 Pederzoli, Saleska Rose (Liberal Arts and Sciences)**¹
 Pegg, Carolyn Elizabeth (Floriculture)
 Pennington, Joseph Harris (Chemical Engineering)
 Perkins, Philip Allen (Management)⁵
 Perry, Albert Richard (Journalism)
 Peters, Ruth Marie (Home Economics)**¹
 Peterson, Marian Grace (Home Economics)
 Peterson, Mauritz Paul Harold (Mechanical Engineering)
 Peterson, Norman Harry (Marketing)¹
 Peterson, Walter John (Agriculture)**³
 Petsoff, George Jordan (Liberal Arts and Sciences)¹
 Pfeifer, Myron (Chemical Engineering)
 Pfeiffer, Roland Paul (Education)
 Philippe, Keller Griffith (Metallurgical Engineering)
 Phillips, Allan Forester (Management)
 Phillips, Donald Vernon (Chemical Engineering)
 Pierce, Cherie Jane (Physical Education)
 Pierce, Edna Eugene (Education)³
 Pierce, Marjorie Edith (Education)⁵
 Pilchard, Betty Jane (Physical Education)
 Pinkos, John Albin Anthony (Dairy Technology)¹
 Pinsky, Richard Seymour (Electrical Engineering)¹
 Playter, Stephen Main (Architectural Engineering)
 Poag, Donald Hugh (Liberal Arts and Sciences)
 Podraza, John Francis (Accountancy)
 Polk, Robert Lewis (General Engineering)⁵
 Poll, Robert Eugene (Marketing)¹
 Ponsor, Ward Frederick (Accountancy)
 Pope, Arthur Twaddell (General Engineering)¹
 Pope, Robert Parker (Banking and Finance)¹
 Potter, Arion James (Agriculture)
 Potter, William Gray (Architectural Engineering)¹
 Powers, Lucille Bernice (Nutrition and Dietetics)⁵
 Prange, Louise Smallwood (Accountancy)⁵
 Pratte, Home Earl (Chemical Engineering)*
 Price, Floyd Landis (Chemical Engineering)
 Pridham, Thomas Grenville (Liberal Arts and Sciences)¹
 Prince, Lawnzina (Nutrition and Dietetics)
 Pryor, Marjorie Anna (Liberal Arts and Sciences)
 Pugh, Edwin J. (Agriculture)
 Purcell, Lucille (Education)³
 Rachlitz, Dorothy Lois (Education)
 Rahn, Leona Marie (Education)¹
 Ranck, Evelyn Elwell (Home Economics)*

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Rand, George Joseph (Accountancy)
 Randall, Robert Henry (Civil Engineering)^{*1}
 Ranney, David Charles (Accountancy)
 Raulin, Albert Francis (Civil Engineering)
 Ravelly, Nellie Agnes (Home Economics)^{**5}
 Rawitsch, Garfield Simon (Accountancy)¹
 Ray, Burton Wiley (Agriculture)^{***}
 Rayburn, Roland Cecil (Agriculture)^{**5}
 Rayner, Ralph Meyer (Mechanical Engineering)
 Read, Warren Arthur (Accountancy)¹
 Redborg, James Carl (Accountancy)⁵
 Reed, Ruth Carol (Education)⁵
 Reedy, Robert Baldrige (Marketing)¹
 Reeser, Lloyd Elman (Agricultural Engineering)
 Reid, Stuart Joseph (Chemistry)^{****}
 Renick, Donald Lee (Civil Engineering)
 Renner, Elmer John (Mechanical Engineering)¹
 Rentfro, Dorothea Elizabeth (Education)¹
 Rentshler, Delmar Frederick (Chemistry)
 Renz, Charles Frank (Electrical Engineering)¹
 Reppen, Harold Earl (Chemical Engineering)^{*}
 Reuter, Robert (Agriculture)
 Reuter, William Daniel (Mining Engineering)
 Reymann, Shirley Gene (Journalism)⁵
 Rice, Sherman Theodore (Agriculture)^{***}
 Richardson, Arthur Taylor, Jr. (Mechanical Engineering)¹
 Richmond, Jack C. (Agriculture)¹
 Richtand, Arthur Traeger (Marketing)⁵
 Riddell, Frederick Louis (Metallurgical Engineering)
 Rigg, Harold Abner (Mining Engineering)
 Rigotti, George Frank (Journalism)¹
 Riley, Edwin Russell (Marketing)
 Riney, James Kirby (Management)
 Rinehart, Edward Everette (Metallurgical Engineering)
 Ringenberg, Wilma Carolyn (Education)¹
 Ripka, Bernice Evelyn (Home Economics)³
 Risley, Gloria (Management)
 Ritchard, Clarence Junior (Mechanical Engineering)^{*}
 Roach, James William (Mechanical Engineering)
 Roberts, Housel (Agriculture)
 Robertson, Thomas Mills (Electrical Engineering)⁵
 Robinson, Eleanor Irene (Nutrition and Dietetics)
 Robinson, Josephine Anita (Education)³
 Robison, John Floyd (Accountancy)¹
 Rock, Milton (Marketing)
 Rodman, David B. (Liberal Arts and Sciences) (as of June 12, 1939)¹
 Roe, Charlotte Lee (Education)⁵
 Roemer, Jack Donald (Management)
 Rogers, Robert Errett (Liberal Arts and Sciences)
 Roll, Kenneth Eugene (Education)¹
 Roll, William Arnold (Agriculture)^{*}
 Rolle, Glenn Lawrence (Physical Education)
 Roller, Bertram Albert (Management)
 Roller, George Granville (Liberal Arts and Sciences)^{****}
 Rollins, June Berneda (Home Economics)
 Romersberger, Richard George (Agriculture)^{**3}
 Rosen, William G. (Liberal Arts and Sciences)³
 Rosenbaum, Howard Carl (Liberal Arts and Sciences)
 Rosenberg, Julius (Commerce and Law)⁵
 Roske, Frances May (Home Economics)¹
 Ross, Mary Frances (Education)¹
 Rossio, Louis (Liberal Arts and Sciences)
 Rothblatt, Phillip (Metallurgical Engineering)
 Routh, Frank Albert (Metallurgical Engineering)
 Routh, Helen Marie (Home Economics)^{*}
 Routman, Jerome Stanley (Management)
 Ruthenberg, Alvin Jack (Mechanical Engineering)
- Ruud, Harry Bernard (Electrical Engineering)^{**1}
 Ruyle, Jo Ann Virginia (Education)
 Rydbeck, Vernon Arvid (Electrical Engineering)
 Rzepecki, Edward Louis (Chemical Engineering)
 Sadock, Bertram George (Management)
 Sagal, John, Jr. (Liberal Arts and Sciences)
 Saitley, Frank Allen (Accountancy)
 St. John, Robert Campbell (Chemical Engineering)^{***}
 Salerno, Paul Gasper (Mechanical Engineering)
 Salzman, Agnes Ann (Home Economics)⁵
 Samuel, Albert Hermann Arjeh (Chemistry)^{**5}
 Sanders, Simon (Dairy Technology)
 Santer, Howard LeRoy (Accountancy)
 Sauder, Kenneth Dale (Mechanical Engineering)⁵
 Schacht, Otto William, Jr. (Civil Engineering)^{**1}
 Schafer, Arthur George (Accountancy)
 Schaps, Jack Adolph (Accountancy)
 Scharff, Betty Jane (Liberal Arts and Sciences)³
 Scheidenhelm, Earl Louis (Mechanical Engineering)
 Schierbeck, Virgil Claire (Accountancy)
 Schiermann, Thomas George (Mechanical Engineering)⁵
 Schlapp, Jewell Dean (Agriculture)
 Schleevogt, Charles Fred (Accountancy)
 Schlumpf, Henry (Agriculture)^{*}
 Schmidt, Oliver Robert (Mechanical Engineering)^{*}
 Schmidt, Philip Weseley (Physical Education)
 Schneby, Eudora Ann (Education)
 Schneidewind, Hugh Edward (Mechanical Engineering)⁵
 Schnierow, Gerson Blackman (Chemical Engineering)
 Schnitzer, Emanuel (Mechanical Engineering)^{**5}
 Schott, Gene David (Engineering Physics)^{**}
 Schroeder, Marianna Margaret (Architectural Engineering)^{**}
 Schroeder, Vlasta Hanold (Education)³
 Schuder, John Claude (Electrical Engineering)^{**3}
 Schutter, Jay Henry (Mechanical Engineering)⁵
 Scott, Richard Hugh (Marketing)¹
 Scott, Roland Francis (Education)¹
 Scully, Charles Eugene (Marketing)¹
 Seagrist, Eldon John (Mechanical Engineering)¹
 Seaman, Dorothy Jeanne (Liberal Arts and Sciences)
 Seidler, Armond Harold (Physical Education)¹
 Seldon, Martin Joel (Liberal Arts and Sciences)
 Seligman, Carl Alex (Marketing)
 Settle, Robert Gayle (Mechanical Engineering)¹
 Shabsin, Edward (Accountancy)¹
 Shaffer, Roy David (Physical Education)
 Shailer, Lawrence Lyman, Jr. (Chemical Engineering)
 Sharp, Clara Evelyn (Home Economics)
 Shaw, Robert Carlton (Metallurgical Engineering)
 Shea, John Frederick (Accountancy and Management)^{**1}
 Shedd, Milton Campbell (Architectural Engineering)^{**}
 Sheffield, Milton Bradley (Mechanical Engineering)
 Shender, Burton Lazarus (Accountancy)
 Sheppard, Mouroc Howard (Electrical Engineering)¹
 Shick, Raymond Arthur (Electrical Engineering)⁵
 Shirman, Ida (Liberal Arts and Sciences)
 Shonkwiler, Francis Payson (Ceramic Engineering)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Shotliff, Edward William (Management)
 Shotwell, Jack Winthrop (Floriculture)
 Shoulders, Richard Francis (Electrical Engineering)
 Shutt, Virginia Jewell (Home Economics)
 Siegel, Marvin (Physical Education)
 Siegrist, Daniel Damon (Accountancy)
 Simmons, Paul Alexander, Jr. (Mechanical Engineering)**
 Simmons, Welby Williams (Agriculture)⁵
 Simpson, Dale L. (Physical Education)
 Simpson, Gustavus Sailer, Jr. (Metallurgical Engineering)
 Sit, Hon Chan (Liberal Arts and Sciences)***
 Skelton, Arthur J. (Marketing)⁵
 Skoglund, Axel Fredrik (Architectural Engineering)
 Slaby, Geroslav (Marketing)⁵
 Slaiman, Mortimer Herbert (Marketing and Public Affairs)⁵
 Slane, Ronald Franklin (Agriculture)**
 Slapak, Emily Marie (Liberal Arts and Sciences)
 Slawewski, Tadeusz Karol (Chemical Engineering)
 Sluzalis, Rose Eva (Education)³
 Small, Fred William, Jr. (Liberal Arts and Sciences)
 Smiley, Arthur Glen (Agriculture)¹
 Smiley, Curtis Lee (Agriculture)⁵⁵
 Smith, Allen Glen (Agriculture)***
 Smith, Arnold Harry (Agriculture)***
 Smith, Earl Ray (Ceramic Engineering)¹
 Smith, Fred Richard (Music Education)
 Smith, Gloria Mae (Physical Education)
 Smith, James Alfred (Physical Education)
 Smith, Joel Carter (Mechanical Engineering)⁵
 Smith, Mary Eva (Home Economics)
 Smith, Paul Thomas, Jr. (Agriculture)
 Smith, Raymond Arthur (Agriculture)¹
 Smith, Walter Thomas, Jr. (Chemistry)*
 Snider, Mary Denise (Home Economics)³
 Snowden, Edward Joseph (Mechanical Engineering)¹
 Snyder, Isaac Sterling (Civil Engineering)
 Snyder, Reva Lela (Education)
 Sobel, Leo Boris (Liberal Arts and Sciences)
 Sorensen, Robert Louis (Electrical Engineering)⁵
 Spaulding, Robert Allen (Chemical Engineering)
 Speck, Stephen Johnson (Dairy Technology)
 Spencer, Charles Cushman (Liberal Arts and Sciences)¹
 Sperling, Max Herman (Marketing)
 Staats, Joan (Liberal Arts and Sciences)
 Staben, Carl Williams (Mechanical Engineering)⁵
 Stadfield, Donald John (Music Education)*
 Standahar, Raymond Michael (General Engineering)¹
 Staniszewski, Stanley John (Mechanical Engineering)⁵
 Stankus, Adolph Vytautis (Management)
 Starks, Fred William (Liberal Arts and Sciences)¹
 Steck, Margaret Anne (Education)*
 Steidinger, Robert Russell (Agriculture)⁵
 Steinberg, Don H. (Liberal Arts and Sciences)
 Steinbrink, Charles Frank (Electrical Engineering)⁵
 Stejskal, Joseph Dodo (Management)⁵
 Stephens, Dorothy Eileen (Education)*
 Stephenson, James Raymond (Agriculture)³
 Stevens, John Charles, Jr. (Mechanical Engineering)
 Stevenson, Ernest Vail (Agriculture)***
 Stewart, Elizabeth (Physical Education)
 Stewart, Finlay James (Mechanical Engineering)¹
 Stewart, Marcia Ellen (Home Economics)⁵
 Stewart, Violet Noble (Liberal Arts and Sciences)⁵
 Stippes, Marvin Clifford (Education)**
 Stivers, Ralph Merle (Agriculture)¹
 Stockbarger, Dan Max (Mechanical Engineering)
 Stolman, Emanuel (Liberal Arts and Sciences)³
 Stone, Irving Charles (Liberal Arts and Sciences)
 Stone, Luella Frances (Physical Education)¹
 Stone, Mary Jane (Home Economics)
 Stoutenburg, William Jontz, Jr. (Architecture)⁵
 Stovall, Vivian Carey (Nutrition and Dietetics)
 Strain, Eleanor Irene (Education)¹
 Strassman, Harvey Daniel (Liberal Arts and Sciences)
 Strauch, Frederic Paul, Jr. (General Engineering)
 Strobach, Carl Garland (Ceramic Engineering)
 Stromborg, Melvin Daniel (Civil Engineering)
 Stropes, Martha Jane (Physical Education)¹
 Stuart, Robert (Chemical Engineering)
 Stubbs, Rose Marion (Home Economics)
 Sublett, Richard Welch (Education)¹
 Surie, Patsy (Journalism)
 Sutherland, Lois Lerner (Home Economics)⁵
 Swaim, George Tupper, Jr. (Management)
 Swan, Lloyd Verlon (Education)
 Swanson, Earl Raymond (Agriculture)***
 Swanson, Wilma Marie (Education)
 Sweet, Hartwick Merton (Banking and Finance)¹
 Swisher, Eleanor Russell (Education)¹
 Switzer, Ralph Vincent (Agriculture)*
 Taggart, Donald Keith (Electrical Engineering)¹
 Taggart, James Oliver (Journalism)⁵
 Taggart, Lew Williams (General Engineering)
 Tannenbaum, David (Mining Engineering)⁵
 Taphorn, Joseph Bernard (Agriculture)*
 Tarble, Martin (Management)¹
 Tarne, Jack Joseph (Accountancy)
 Taylor, Alfred Dean (Architectural Engineering)¹
 Taylor, Margaret Louise (Education)³
 Taylor, Virginia Dell (Education)⁵
 Teitel, Bernard (Liberal Arts and Sciences)¹
 Teppert, William Allan (Liberal Arts and Sciences)¹
 Terrazas, Hugo Adams (Banking and Finance)
 Thing, Robert Layton (Electrical Engineering)¹
 Thiry, Adra Estella (Marketing)
 Thode, Everett Wayne (Management)⁵
 Thomas, Richard Frank (Management)¹
 Thompson, Earl Vern (Physical Education)
 Thompson, Robert David (Chemistry)***
 Thompson, Roy Herbert, Jr. (Management)
 Thompson, Vora Lazelle (Education)³
 Thorp, Ernest Nelson (Agriculture)
 Thuman, Dale Exstrom (Architectural Engineering)¹
 Tober, Ralph Irving (Marketing)⁵
 Tobolsky, Louis (Physical Education)
 Todd, Augusta Louise Carlson (Education)¹
 Tokay, Mehmet Nejat (Civil Engineering)¹
 Tomei, Herman Elmer (Electrical Engineering)⁵
 Tooper, Edward Benjamin (Liberal Arts and Sciences)¹
 Tribley, Gilbert (Mechanical Engineering)
 Trone, Glen Ephraim (Agriculture)**
 Trummel, Rachel Mary Eloise (Home Economics)³
 Tschabold, Delose Robert (Mechanical Engineering)
 Tschabold, Donald Frederick (Mechanical Engineering)
 Tucker, Willard Younger (Management)
 Tuell, Robert Gerry (Mechanical Engineering)**¹

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Tunnick, Damon Payne (Journalism)
 Turk, Lucian LeMoine (Mechanical Engineering)¹
 Turner, Charles LeRoy (Ceramic Engineering)¹
 Turner, Helen Dillon (Education)¹
 Tuttle, Billie Marie (Education)
 Tuttle, Norman Wayne (Agriculture)⁵
 Tweedie, Edwin Clarence (Economics)
 Twichell, Lewis Paxson (Chemical Engineering)
 Ublich, Arlyne Antoinette (Journalism)
 Ulrey, Howard William (General Business)¹
 Unland, James Maxwell (Management)
 Urbanek, Frank Anthony (Education)¹
 Vallerio, Joseph Vincent (Industrial Administration)¹
 Van Clay, Stephen John (Industrial Administration)
 Van Ormer, Jean Allen (Accountancy)
 Van Ormer, Margery Lynne (Accountancy)*
 Van Pelt, Richard Harry (Metallurgical Engineering)
 Varland, Robert Harvey (Liberal Arts and Sciences)
 Ver Valin, William (Mechanical Engineering)
 Vestal, Phoebe Charlotte (Music Education)¹
 Virgilio, Theodore Carmen (Chemical Engineering)**
 Vogt, George Frederick (Liberal Arts and Sciences)⁵
 Vogt, Leonard William (Agriculture)**⁵
 Vollmer, Charles August (Management)¹
 Wagner, Edith Charlotte (Education)²
 Walker, Doris Anne (Home Economics)*
 Walker, John Robert (Chemistry)*¹
 Wallace, Ben Francis (Agriculture)
 Wallace, Ruth Ann (Education)
 Wallin, Maynard Burdette (Mechanical Engineering)⁵
 Wallin, Robert Walter (Electrical Engineering)
 Wallisa, Victor Grant (Accountancy)
 Walsh, Barbara Marie (Education)
 Walter, Adolph William (Liberal Arts and Sciences)⁵
 Walters, Wilma Margaret (Education)²
 Wandling, Harold Sylvester (Chemical Engineering)**
 Ward, Donald Clarence (Mechanical Engineering)
 Ward, Herbert Monus (Chemical Engineering)*
 Ward, James Elmer (Electrical Engineering)⁵
 Ward, John Thomas Michael (Chemical Engineering)
 Ware, Charles Edward (Architecture)²
 Warren, Wayne Stanley (Management)¹
 Warwick, Margaret Bernice (Home Economics)
 Watson, Richard Marshall (Journalism)⁵
 Webb, Iola Ferne (Home Economics)
 Webster, Alfred Dick (Civil Engineering)
 Wedlake, William Thomas (Electrical Engineering)
 Wehrly, John Henry, Jr. (Agriculture)¹
 Wehrly, Margaret Ann (Home Economics)
 Weightman, Donald William (Marketing)*¹
 Weinstein, Gerald Alvin (Accountancy)¹
 Weise, Robert Warren (Accountancy)
 Weisger, Nancy Brosius (Education)¹
 Weiss, Jean Ruth (Liberal Arts and Sciences)
 Weissman, Saul (Electrical Engineering)
 Welch, John Carrington (Architectural Engineering)⁵
 Wellford, Roberta Prothro (Nutrition and Dietetics)*
 Wells, Dorothy (Nutrition and Dietetics)
 Wells, Ralph Richard (Mechanical Engineering)¹
 Welsh, Lloyd Byron (Mechanical Engineering)*
 Wemple, John Burns (Management)
 Wenzel, Frances Elaine (Education)
 Wenzel, Lillian Iolene (Home Economics)
 Wexler, Sol (Chemistry)*¹
 Whalen, John Hugh (Agriculture)¹
 Wham, William Bundy (Commerce and Law)
 Wheeler, Walter Lewis (Agriculture)*¹
 Whisnant, Lewis Edwin (Accountancy)*
 Whitcomb, Jean Annabelle (Home Economics)
 White, Howard Lee (Architecture)
 Whiteside, James Edgar (Music Education)¹
 Whitney, Robert Francis (Management)
 Whitten, Betty (Accountancy)⁵
 Whyte, Harry Walston (Accountancy)
 Wickersham, Price (Electrical Engineering)¹
 Wicklein, Andrew Albert (Agriculture)¹
 Wieggers, George William, Jr. (Agriculture)**⁵
 Wieland, Raymond Madison (Liberal Arts and Sciences)⁵
 Wiese, Lucile Helton (Education)
 Wilber, Richard Ralph (Chemical Engineering)
 Wilcox, Donna Louise (Music Education)
 Wilcox, Stanley Waters (Electrical Engineering)
 Wilday, James Webster (Accountancy)⁵
 Wilford, Robert Nicholas, Jr. (Journalism)
 Willard, Donald Corbridge (Mechanical Engineering)¹
 Williams, Marilyn Ann (Commercial Teaching)
 Willoughby, Jacqueline Anne (Liberal Arts and Sciences)**¹
 Wilson, Burton James (Electrical Engineering)
 Wilson, Fred Amos (Mechanical Engineering)⁵
 Wilson, Glenn Rhodes (Liberal Arts and Sciences)¹
 Wilson, John William (Education)
 Wilson, Richard Clay (Chemical Engineering)**
 Wilson, Ruth Lee (Liberal Arts and Sciences)
 Winder, Joan (Home Economics)
 Winkelmann, Wendell Gaunt (Journalism)⁵
 Winter, Deane William (Agriculture)
 Wischnitzer, Leonard James (Chemical Engineering)
 Wittenberg, Gordon Greenfield (Architectural Engineering)⁵
 Wolfard, Rodney Bishop (Management, Economics, and Marketing)*
 Wong, Homer Shing (Civil Engineering)*
 Worley, Will Junior (Mechanical Engineering)⁵
 Worrell, Helen Winifred (Liberal Arts and Sciences)¹
 Wright, Dorothy Nowak (Education)
 Wright, Robert Ernest (Accountancy)¹
 Wylie, Frank Samuel, Jr. (Civil Engineering)
 Wynn, Barbara Jean (Home Economics)*
 Yasinow, Herschel (Management)
 Yatsko, Edward, Jr. (Chemical Engineering)¹
 Yohe, Ralph Sandlin (Agriculture)
 Young, Charles Lincoln (Accountancy)⁵
 Young, Gwendolyn Kitch (Education)
 Youngsteadt, Maynard Gustave (Management)
 Yurenka, Steven (Mechanical Engineering)**
 Zadigian, Jack Michael (Liberal Arts and Sciences)¹
 Zamecnik, John James, Jr. (Accountancy)
 Zencanaro, Florence Ann (Education)¹
 Ziarko, Raymond Clement (Education)
 Zibel, Milton (Liberal Arts and Sciences)
 Ziebell, Walter Richard (Liberal Arts and Sciences)
 Ziegler, Hannah Elizabeth (Home Economics)
 Ziegler, Wallace Frederick (Mechanical Engineering)
 Zimmerman, Joseph C., Jr. (Management)
 Zimmerman, Mary Elizabeth (Home Economics)
 Zimmermann, Byron LeRoy (Liberal Arts and Sciences)¹
 Zipperstein, Irving Albert (Journalism)¹
 Zolla, Edward Melvin, Jr. (Accountancy)⁵
 Zumwalt, Dean Edwin (Civil Engineering)
 Zumwalt, Delmar Blaine (Agriculture)¹

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

Degree of Bachelor of Fine Arts

(In the subjects shown in parenthesis)

Boger, Frederick Charles (Industrial Design)	Merriman, Donald Elmer (Industrial Design)
Champion, Wayne Edwin (Industrial Design)*	Moldasky, Robert (Industrial Design) ¹
Daab, Robert John (Art Education) ²	Murphy, Edward Emmett, III (Industrial Design) ¹
Eckerstrom, Ralph Eugene (Industrial Design) ³	Nichiporuk, Olga (Commercial Design) ³
English, Roger Malcolm (Industrial Design)	Pagliarulo, Fiora Grace (Commercial Design)**
Fletcher, Priscilla (Painting)	Palmer, Robert Wayne (Commercial Design)
Gail, Marion Virginia (Art Education)	Pieper, Jacqueline Marie (Industrial Design)*
Gilmore, Virginia Kathryn (Commercial Design) ³	Pinnell, Minerva (Art Education)**
Hillier, Donald Lawrence (Industrial Design)	Richmond, Rosalie Mildred (Commercial Design)
Holloway, Margaret Ann (Commercial Design) ³	Rost, Lee Fred (Industrial Design) ¹
Iles, Mary Elizabeth (Industrial Design) ⁵	Schaefer, Jeanette (Art Education)**
Krusemark, Corinne Annette (Painting)**	Smith, Rosalie Marion (Commercial Design)
LeRoy, Donald (Industrial Design) ¹	Steinbach, Thomas Martin (Industrial Design) ¹
Levin, Geraldine Muriel (Painting)	Walton, Dwight Ford (Landscape Architecture)
Logan, Nicholas Anthony (Industrial Design)	Werstler, Joan Edna (Commercial Design)*
Malmquist, Janet June (Art Education)	Wilder, Frederick Eugene (Painting)
May, Henry (Landscape Architecture)	Winn, Marjorie Jean (Commercial Design)
McCaulley, Margaret Elizabeth (Industrial Design)	Wittenberger, Marjorie Bess (Art Education)*
Meeker, Ruby Irene (Art Education)	Wuellner, George Eugene (Industrial Design)

Degree of Bachelor of Music

Forsberg, Carl Earl*	Lorenz, Marjorie Emily
Gray, Sarah Jean ¹	Marsh, Audrey Beese*
Jones, Frances**	Mayfield, Willa Jean
Kraehenbuehl, John David**	Morton, Marguerite
Lewis, Patricia Harriet	Nicholas, Eden
Little, Mary Lou*	

COLLEGE OF LAW

Degree of Bachelor of Laws

Aaron, Catherine Evelyn, A.B., 1941	Keller, Homer Warren, B.S., University of Idaho, 1940
Alexander, John Denzil, A.B., 1941 ¹	Kimmel, Marybelle, A.B., 1942 ⁵
Armstrong, Wayne Etzen, A.B., Eureka College, 1938 ¹	Kirkland, Alfred Younges, A.B., 1941 ¹
Bortz, Vernon Otis ¹	Polzin, John Theodore, A.B., 1941 ¹
Cleave, Scott William, B.S., 1941	Rosenbloom, Alvin Elliot
Davis, Ralph Edward, B.S., 1942	Smith, Jay Lincoln, B.S., 1941 ³
Glennon, Helen Louise, A.B., 1941	Soderstrom, Carl William, B.S., 1937 ¹
Hebron, Marion Eaton, B.S., 1941	Summers, Walter Lee, Jr., A.B., 1941
	Weitzel, Maynard Kenneth, A.B., 1940 ¹

Degree of Doctor of Law

Curtis, Alice Irene** ⁵	Walker, Norman, B.S., 1941* ¹
Kimball, Preston Whitcomb, B.S., M.S., 1935, 1936 ³	Wilbourn, Dorothy Maxine, B.S., 1942** ⁵
Reichelderfer, Frank Albert, B.S., 1940*	White, Robert Hughson, B.S., 1941* ¹
Schneider, Clifford Eugene, A.B., Illinois Wesleyan University, 1939* ¹	

LIBRARY SCHOOL

Degree of Bachelor of Science in Library Science

Adams, Katherine Jane, A.B., Monmouth College, 1942	Bowman, Rebecca Jane, A.B., Indiana University, 1941 ³
Arntzen, Mary Henrietta, B.Ed., Northern Illinois State Teachers College, 1940 ³	Brown, Miriam Phyllis, A.B., Geneva College, 1935 ³
Augustus, Harriet Field, A.B., University of Chicago, 1941*	Browne, Ferne Buchanan, B.S., Louisville Municipal College for Negroes, 1938
Austin, Ida Lee, A.B., Millsaps College, 1927; A.M., 1936 ³	Clark, Virginia Florence, A.B., Quincy College, 1940**
Banister, Nadine Christena, A.B., University of Kansas, 1942	Clemen, Dorothy Pauline, A.B., College of Mount St. Joseph-on-the-Ohio, 1942
Bennett, Betty Besse, A.B., University of Omaha, 1942	Cook, Jean Olivia, A.B., Syracuse University, 1938
Bloomer, Gertrude Evelyn, A.B., Indiana University, 1941*	Cundall, Zella Caster, A.B., 1923 ⁵
Bolster, Jane Ann, A.B., Aurora College, 1942	Dawson, Elizabeth Anne, A.B., Indiana University, 1941
	Dyer, Ruth, B.S., Monmouth College, 1925 ⁵

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Engelage, Harriet Anet, A.B., Franklin College of Indiana, 1942
 Fasbbaugh, Helen Mae, A.B., Bowling Green State University, 1942
 Gall, Constance May, A.B., Morningside College, 1940
 Gephart, Esther Mae, A.B., Cleveland College, Western Reserve University, 1942
 Giezentanner, Marguerite, A.B., University of Oklahoma, 1924**
 Harlan, Ethel Rose, A.B., Ball State Teachers College, 1931*
 Harris, Harriet Anne, A.B., 1942
 Hedstrand, Lillian Elvira, B.S., Northwestern University, 1939
 Hudson, Roseanne, A.B., University of Omaha, 1942**
 Hull, Doris Maurine, A.B., Carthage College, 1930¹
 King, James Francis, B.S., A.B., Central Missouri State Teachers College, 1937¹
 King, Mae Elizabeth, A.B., Indiana University, 1931³
 Kirby, Katherine, A.B., McMurray College (Abilene, Texas), 1929*
 Kravcik, Aida Rose, A.B., University of Missouri, 1942*
 Kuntz, Hazel Marie, A.B., Monmouth College, 1941
 Lewis, Sarah Lillian, A.B., University of Kansas, 1941
 Lively, Gladys Margaret, A.B., Indiana Central College, 1929*³
 Lloyd, Helen Rachel, B.Ed., Western Illinois State Teachers College, 1932³
 Lytle, Myra, A.B., 1941
 Moran, Sarah Margaret, A.B., Northwestern University, 1930³
 Morrison, Esther A., A.B., Illinois Wesleyan University, 1927**³
 Moskal, Cecilia Theresa, A.B., Wayne University, 1942
 Moss, Mary Eugenia, B.S., 1942
 Neal, Frances Elizabeth, A.B., Coe College, 1930⁵
 Nethery, Miriam Elizabeth, A.B., Maryville College, 1941
 Noble, Margaret Isabelle, A.B., Illinois Wesleyan University, 1929; A.M., 1937³
 Plym, Amy Elizabeth, B.S., 1939¹
 Potterf, Rex Miles, A.B., A.M., Indiana University, 1918, 1926; A.M., Columbia University, 1923³
 Raulins, Ida Elizabeth, A.B., Louisiana Polytechnic Institute, 1942*
 Rees, Elisabeth Jane, A.B., Albion College, 1939³
 Robb, John M., Jr., A.B., Bradley Polytechnic Institute, 1927³
 Rogers, Ruth Ann, A.B., Oklahoma College for Women, 1941
 Ross, Marjorie, A.B., 1942
 Schulze, Mildred Eleanor, B.S., University of Cincinnati, 1930*
 Schwartz, Ada Elizabeth, A.B., Culver-Stockton College, 1942³
 Sigerfoos, Grace Robeson, A.B., University of Michigan, 1922
 Smith, Annie Laurie, A.B., Nebraska Wesleyan University, 1940
 Spelbring, Mary Armintha, A.B., Illinois Women's College, 1930; A.M., 1936
 Stegelmeyer, Nadine Goggin, B.S., 1939³
 Taylor, Sylvia Isabel, A.B., Illinois College, 1922³
 Thompson, Orrilla Mae, B.Ed., Central Wisconsin State Teachers College, 1937
 Tietze, Anne Balchun, A.B., Central Y.M.C.A. College, 1941
 Toigo, Ancilla, B.Ed., Illinois State Normal University, 1939⁵
 Witt, Mary Katharyn, A.B., Culver-Stockton College, 1939²
 Wollet, Dorothy Louise, A.B., Indiana University, 1942
 Wood, Florence Claire, A.B., Ohio Wesleyan University, 1942
 Wright, Marjorie Helen, A.B., Woman's College, Duke University, 1941
 Zell, Rosemary Ann, A.B., University of Arkansas, 1940*

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

(*Conferred in Chicago*)

- | | | |
|--|---|---|
| Armstrong, Berthe Elizabeth, A.B., 1932 ⁵ | Fischer, Harold Carl, A.B., 1938 ⁶ | King, Richard Ewart ⁶ |
| Ashley, Frank John | Frederick, William Ehlen | Kott, Harriet Sonia ⁴ |
| Auten, Donald Seymour** | Friedman, Harry Roy ² | Kowalski, George Ralph, A.B., 1942 |
| Balikov, Harold ² | Garland, Donald James, A.B., 1942 | Kreft, Warren William |
| Barnes, Richard Oliver | Garvin, John Samuel, A.B., 1942 | Kulwin, Myron Herman |
| Bastien, Eugene Harold | Gertelmann, Sydney Tanner ⁶ | Lamons, Donald Cameron ² |
| Bergmann, Harry Willard ⁴ | Goldstein, Ralph Morton | Landis, James William ⁴ |
| Brockman, Seymour Joseph | Greaves, Robert Jesse ⁴ | Lask, Salvatore Alphonse ² |
| Butz, Valentine Paul ⁴ | Groenke, Charles Burkholm | Lerner, Harry Barney ⁴ |
| Camras, Sidney | Hamilton, James Walter ² | Lietz, Gerald Sylvane |
| Chase, Robert Ellis ² | Heck, Charles Voisin, A.B., 1939 ⁴ | Martins, James Christian |
| Clemons, Thomas Robert, A.B., 1942 | Hershenhouse, Samuel Benjamin | Mikolas, Donald Glenn** ⁶ |
| Cohen, Joseph Aron | Herzon, Herbert | Miller, Edward Joseph, B.S., Lewis Institute, 1937 ⁶ |
| Cwalina, Thaddeus | Hill, Vincent Rue | Miller, Leroy J. |
| Douglas, Dale Woolley, A.B., Park College, 1939 ⁴ | Hirschfield, Hymen Jack Bernard | Mrazek, Phyllis Therese, A.B., 1939** ² |
| Drago, Rosario Philip | Holmer, Carl Thure Regner, A.B., Augustana College, 1938 ⁶ | Mullin, Edwin Elmer, B.S., 1941 |
| Dritz, Harvey Fred | Jones, Grant Arthur | Nainis, William Stanley |
| Ebisch, Adelheid Elli Ilsetraut | Kachele, George | Nalefski, Lester August, B.S., 1934** ² |
| Eggen, Kolbjorn Gudmund | Kahn, Harry S.** ⁴ | Newman, Edward Arthur |
| Ehrlich, Leo | Karandja, Apostle Damian | Nichols, Ira Goodsell, Jr., A.B., 1941 |
| Ekstrand, Richard William ⁶ | Kavka, Jerome | Nudelman, Melvin David |
| Elisberg, Edward Ira** ⁶ | | |
| Faulkner, James William | | |
| Raymond | | |

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

Pianowski, Thad Walter Joseph	Sinow, Garland Stanley*	Tucker, Sheldon Marvin ⁶
Plotkin, Paul, A.B., 1942	Smith, James Charles, Jr. ⁶	Vinciguerra, Peter Louis
Powers, George, A.B., 1942	Spaits, Wilfred Marlowe	Waddington, Harry Kenneth* ²
Pranke, Don Wallace	Stoka, Alexander George ⁴	Weiland, Albert S. ⁶
Prutt, Carl Eugene ²	Stehle, Howard Charles	Weisbaum, M. Byron
Reis, Fritz* ⁴	Stenberg, Walter Patrick	White, Robert Browning, A.B., North Central College, 1941
Ritchey, Hardin McLean, A.B., University of Missouri, 1941	Stuermer, Harry Walter, A.B., 1942	Williams, Lowell Keith
Roberts, George Albert, A.B., 1941 ⁴	Sweet, Arthur	Zak, Richard Anthony, A.B., St. Procopius College, 1940
Robinson, Richard Clark	Tarnoff, Joseph F., A.B., Illinois Wesleyan University, 1938 ⁴	Zibel, Milton
Seidner, Howard Mayo	Tarun, Donald Walter, A.B., 1942	

Degree of Bachelor of Medicine

*(Conferred in Chicago)*Anderson, Stanley Edward, B.S., M.D., 1937, 1940⁴

Degree of Doctor of Medicine

(Conferred in Chicago on dates shown in parenthesis)

Abbate, Joseph Samuel, B.S., DePaul University, 1939—(December 17, 1943)	Booth, Boynton Hooker, A.B., 1939—(March 26, 1943)
Abrams, Walter, B.S., 1942—(December 17, 1943)	Bordenave, Joseph Lecompte—(March 26, 1943)
Allen, Albert Robert, B.S., 1941—(March 26, 1943)	Borgerson, Robert James, A.B., B.S., University of North Dakota, 1941, 1942—(December 17, 1943)
Appel, Harry Richard, B.S., 1941—(March 26, 1943)	Bower, Robert Davidson, B.S., 1937—(December 17, 1943)
Armstrong, Berthe Elizabeth, A.B., 1932—(December 17, 1943)	Bowers, LeRoy John, Ph.C., B.S., 1930, 1942—(December 17, 1943)
Ashley, William Francis, B.S., 1942—(December 17, 1943)	Brandt, Raymond Arthur, B.S., 1941—(December 17, 1943)
Askren, Edward Leroy, Jr., B.S., M.S., Kansas State College, 1936, 1937—(March 26, 1943)	Bricker, Oliver Herbert, A.B., North Central College, 1940—(December 17, 1943)
Atkinson, Robert Lee, B.S., Illinois Wesleyan University, 1939—(March 26, 1943)	Brown, Frederick Afton, A.B., University of Wisconsin, 1941—(March 26, 1943)
Babb, Malcolm Carlyle, A.B., B.S., 1941, 1942—(December 17, 1943)	Browning, Carroll Welles, B.S., 1942—(December 17, 1943)
Baldridge, Mary Rachel, B.S., 1942—(December 17, 1943)	Brumme, Marvin Ray, B.S., 1942—(March 26, 1943)
Balikov, Harold—(March 26, 1943)	Burdon, Stephen Banta—(December 17, 1943)
Balline, Rose Lee, B.S., 1941—(March 26, 1943)	Butz, Robert Carson, B.S., University of Wisconsin, 1940—(March 26, 1943)
Barasch, Clarence J., B.S., 1942—(December 17, 1943)	Callen, Irwin Robert, B.S., 1941—(March 26, 1943)
Barnett, George, A.B., B.S., 1940, 1941—(March 26, 1943)	Calloway, Nathaniel Oglesby, B.S., Ph.D., Iowa State College, 1930, 1933—(December 17, 1943)
Barron, Samuel Harris, Jr., B.S., 1941—(March 26, 1943)	Cannon, Joseph Phillip, A.B., University of Valparaiso, 1940—(December 17, 1943)
Barron, Thomas Sherwood, B.Ed., Southern Illinois Normal University, 1939—(December 17, 1943)	Caporale, Frank Steve, B.S., 1941—(June 30, 1943)
Barsky, Sidney, B.S., 1941—(December 17, 1943)	Carrington, Howard, B.S., 1941—(March 26, 1943)
Bauman, Lucian, B.S., 1941—(March 26, 1943)	Carroll, Thomas Thurlow, B.S., University of Toledo, 1941—(December 17, 1943)*
Baysinger, Verlin Guy, A.B., Bradley Polytechnic Institute, 1938—(March 26, 1943)	Chapman, Asa Zerne, B.S., Wheaton College, 1940—(December 17, 1943)
Begusse, Celsus Elliott, B.S., 1941—(March 26, 1943)	Chase, Robert Ellis, B.S., 1943—(December 17, 1943)
Belgrade, Irvin Stephen, B.S., 1941—(March 26, 1943)	Cirzan, John Lawrence, B.S., 1942—(December 17, 1943)
Berez, Joseph Samuel, B.S., 1941—(March 26, 1943)	Clare, Frank Brian, B.S., 1941—(March 26, 1943)
Bergmann, Harry Willard, B.S., 1943—(December 17, 1943)	Clowers, Walter Creel, B.S., 1940—(March 26, 1943)
Bernardi, Hugh, B.S., Loyola University, 1940—(December 17, 1943)	Cocagne, Philip Edward, B.S., 1941—(March 26, 1943)
Bernstein, Haskell Eugene, A.B., B.S., 1941, 1942—(December 17, 1943)	Cocuzzi, Frank Anthony, B.S., Lewis Institute, 1939—(March 26, 1943)
Blix, Fred Mayor, Jr., A.B., 1940—(December 17, 1943)	Cohan, Harold Samuel, B.S., 1940—(March 26, 1943)
Bock, Harold Louis, B.S., 1941—(March 26, 1943)	Cohen, Adrian, B.S., 1942—(December 17, 1943)
Bonnett, Dovell Nicholas, A.B., 1942—(December 17, 1943)*	Cohen, Isadore, B.S., 1941—(March 26, 1943)
	Collins, Jerre Churchill, Jr., B.S., 1941—(March 26, 1943)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Coss, James Austin, Jr., A.B., Morningside College, 1937; B.S., University of South Dakota, 1939—(March 26, 1943)
- Cotsirilos, Peter John—(March 26, 1943)
- Cress, Charles Henry, Jr., B.S., 1941—(March 26, 1943)
- Dammers, Warren Robert, B.S., 1942—(December 17, 1943)
- Davis, Adrian Walter, B.S., 1942—(December 17, 1943)
- Davis, Bernell Vernon, B.S., 1940—(December 17, 1943)
- Davis, Jack Eugene, B.S., 1942—(December 17, 1943)
- Deutsch, David Louis, B.S., 1942—(December 17, 1943)*
- Diamond, Jerome Harold, B.S., Central Y.M.C.A. College, 1939—(March 26, 1943)
- Distelheim, Irving Howard, B.S., Lewis Institute, 1939—(March 26, 1943)
- Doerscheln, Wilbur John, B.S., 1941—(December 17, 1943)*
- Drell, Hyman Joseph, B.S., 1942—(December 17, 1943)
- Dritz, Irwin, B.S., 1942—(December 17, 1943)
- Drucker, Edgar Francis, A.B., B.S., 1941, 1942—(December 17, 1943)
- Dunlevy, Robert Edwin, A.B., 1941—(December 17, 1943)
- Dvore, Irwin, B.S., 1940—(March 26, 1943)
- Ekstrand, Leroy Magnus, A.B., Lake Forest College, 1938—(March 26, 1943)
- Ekstrand, Richard William—(December 17, 1943)
- Estes, John Earle, Jr., B.S., 1942—(December 17, 1943)
- Evers, Raymond Henry, A.B., 1939—(June 18, 1943)
- Ewan, William Armstrong, B.S., 1939—(December 17, 1943)
- Factor, Morris, B.S., 1941—(March 26, 1943)
- Fein, Alfred Leon, B.S., University of Chicago, 1939—(March 26, 1943)
- Feinberg, Harold Morris, B.S., 1941—(March 26, 1943)
- Feinberg, Kenneth Hirsch—(February 1, 1943)
- Feldman, Benjamin J., B.S., 1941—(March 26, 1943)
- Fischer, Burnell, A.B., James Millikin University, 1939—(March 26, 1943)
- Fischer, Harold Carl, A.B., 1938—(December 17, 1943)
- Fishman, Victor P., B.S., 1941—(March 26, 1943)
- Forman, Jerome, B.S., 1941—(March 26, 1943)
- Fort, William Beggs, B.S., Ph.D., University of Chicago, 1935, 1938—(December 17, 1943)
- Foulke, Robert William, B.S., Lewis Institute, 1939—(March 26, 1943)
- Fox, Benum Wesley, B.S., 1942—(December 17, 1943)
- Frankovelia, Nicholas Richard, B.S., 1942—(December 17, 1943)
- Franzblau, Sanford Asher, A.B., B.S., M.S., 1939, 1941, 1942—(March 26, 1943)*
- Frazier, Shervert Hughes, B.S., 1941—(March 26, 1943)
- Friedman, Harry Roy—(March 26, 1943)
- Gamm, Stanford Ralph, A.B., 1939—(December 17, 1943)**
- Garrett, William Andrew, B.S., 1938—(December 17, 1943)
- Geever, Ernest Dan, B.S., 1942—(March 26, 1943)
- Gerber, Aaron Bernard, A.B., B.S., 1941, 1942—(December 17, 1943)
- Gianasi, Charles Attilio, A.B., 1940—(December 17, 1943)
- Gibson, William Donald, B.S., University of Chicago, 1921—(June 18, 1943)
- Giebelhausen, Gustav William, B.S., 1942—(December 17, 1943)
- Gilliland, Robert Floyd, A.B., B.S., University of North Dakota, 1941—(March 26, 1943)
- Ginther, Clarke Edward, A.B., Central Y.M.C.A. College, 1940; B.S., 1941—(March 26, 1943)
- Gleichman, Theodore Karl, Jr., B.S., 1941—(March 26, 1943)
- Gorday, Rose Lillian, Ph.C., B.S., 1933, 1941—(December 17, 1943)
- Gottschalk, Robert Herbert, A.B., Nebraska Wesleyan University, 1940—(December 17, 1943)
- Govostis, Michael Costas, B.S., 1942—(December 17, 1943)*
- Gratkins, Leonard Vincent, B.S., 1941—(December 17, 1943)
- Green, George Gerald, B.S., 1940—(March 26, 1943)
- Greening, Gershom Keys, B.S., 1942—(December 17, 1943)
- Greenwald, Bernard Meyer, B.S., 1942—(December 17, 1943)
- Grove, William Johnson, B.S., 1942—(December 17, 1943)
- Guyton, Willard Arthur, Jr., B.S., 1941—(March 26, 1943)*
- Haeger, Reed Ross, B.S., University of Florida, 1940—(December 17, 1943)*
- Hamilton, James Walter, B.S., 1943—(December 17, 1943)
- Hardinger, John Daniel, B.S., 1940—(March 26, 1943)
- Harris, Mervin Robert, B.S., 1941—(June 18, 1943)
- Hart, William Hamilton, B.S., 1941—(March 26, 1943)
- Haug, Elsie Louise, A.B., 1940—(March 26, 1943)
- Hayes, Edward Lowell, B.Ed., Eastern Illinois State Teachers College, 1940—(December 17, 1943)
- Heck, Charles Voisin, A.B., B.S., 1939, 1943—(December 17, 1943)
- Helmer, John Francis, B.S., University of Notre Dame, 1938—(March 26, 1943)
- Hollowell, Mack William, B.S., 1942—(December 17, 1943)
- Holmer, Carl Thure Regner, A.B., Augustana College, 1938—(December 17, 1943)
- Hooker, James William, B.S., 1942—(December 17, 1943)
- Horwitz, Irwin Daniel, B.S., 1941—(December 17, 1943)
- Hruska, Edward John, B.S., 1941—(March 26, 1943)
- Huss, Norman Charles, B.S., 1941—(December 17, 1943)
- Hyman, Maurice Melvin, B.S., 1942—(December 17, 1943)
- Immermann, Elmer William, B.S., Northwestern University, 1939—(March 26, 1943)
- Isaacson, Edward Kenneth, B.S., 1942—(December 17, 1943)
- Isenberg, Howard Lee, B.S., 1941—(March 26, 1943)
- Johnson, Chester David, A.B., Augustana College, 1939—(March 26, 1943)*
- Johnson, Fernly Eldo, B.S., 1941—(March 26, 1943)*
- Johnston, Jack, A.B., 1940—(June 30, 1943)
- Jubelt, Hilbert Paul, B.S., 1942—(December 17, 1943)
- Kadin, Milton Mitchell, B.S., 1941—(March 26, 1943)
- Kammerling, Erwin M., B.S., Purdue University, 1939—(December 17, 1943)
- Kandlbinder, Alfred Frank, B.S., 1941—(March 26, 1943)
- Kanne, William Paul, B.S., Lewis Institute, 1939—(March 26, 1943)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Kaplan, Elliott Abner, B.S., 1942—(December 17, 1943)
- Kaplitz, Sherman Eli, B.S., 1941—(March 26, 1943)
- Kendall, Hillis Ellsworth, B.S., 1942—(December 17, 1943)
- Kernis, Leonard, B.S., 1942—(December 17, 1943)
- Kingsbery, Howard Curtis, A.B., 1938—(December 17, 1943)
- Klucikowski, Norbert Andrew, B.S., DePaul University, 1939—(December 17, 1943)
- Koff, Harold Robert, B.S., University of Chicago, 1939—(March 26, 1943)
- Kopriva, James Warren, A.B., 1940—(December 17, 1943)
- Korn, Bernard Julius, B.S., 1941—(March 26, 1943)
- Kratz, Stephen Chittenden, B.S., 1942—(December 17, 1943)
- Kraus, Alvin R., B.S., 1941—(March 26, 1943)
- Krause, Irving Sanford, B.S., 1941—(March 26, 1943)
- Kriegman, George, A.B., 1939—(March 26, 1943)
- Krysa, Helen Felicia Joan, B.S., Northwestern University, 1939—(March 26, 1943)
- Kudzma, Anthony John, B.S., 1939—(December 17, 1943)
- Kulasavage, Alice Rosenthal, A.B., Indiana University, 1939—(March 26, 1943)
- LaForge, William Carlton—(March 26, 1943)
- Lamb, Leonard, A.B., 1940—(December 17, 1943)
- Lambrecht, Paul Benjamin—(December 17, 1943)*
- Lamons, Donald Cameron—(March 26, 1943)
- Lane, Charles Tash, B.S., A.B., 1936, 1939—(March 26, 1943)
- Lane, Margaret Mary, B.S., University of Chicago, 1941—(March 26, 1943)
- Lask, Salvatore Alphonso—(March 26, 1943)
- Leigh, Fred Dunshee, B.S., 1942—(December 17, 1943)
- Leonard, Morton Harry, B.S., 1942—(December 17, 1943)**
- Lettvin, Jerome Ysroael, B.S., 1942—(March 26, 1943)
- Levy, George, B.S., 1942—(December 17, 1943)
- Lewis, Leo Lester, B.S., 1941—(March 26, 1943)
- Lindblade, Victor Yngve, B.S., 1938—(December 17, 1943)
- Lipsey, Alfred Joseph, B.S., 1941—(March 26, 1943)
- Lipton, Barbara Steiner, B.S., University of Wisconsin, 1941—(December 17, 1943)*
- Lis, Edward Francis, B.S., 1941—(March 26, 1943)*
- Littman, Armand, B.S., 1942—(December 17, 1943)
- Long, Burt Elmer, B.S., Wheaton College, 1940—(December 17, 1943)
- Magill, Hubert Clifton, A.B., James Millikin University, 1941; B.S., 1942—(December 17, 1943)
- Marcus, Irwin Melvin, B.S., 1941—(March 26, 1943)
- Marienfeld, Carl Joseph, A.B., Lake Forest College, 1938—(March 26, 1943)*
- Marino, John Joseph, B.S., 1942—(December 17, 1943)
- Marsh, Henry Oakes, Jr., B.S., Elmhurst College, 1939—(March 26, 1943)
- Masel, Sidney, B.S., 1942—(March 26, 1943)
- Maslovitz, Max, B.S., 1938—(March 26, 1943)
- Mason, Alfred Barr, B.S., University of Chicago, 1938—(December 17, 1943)*
- Mason, Jack, A.B., Central Y.M.C.A. College, 1941; B.S., 1942—(December 17, 1943)
- Mastores, Nickolas Peter, B.S., 1942—(December 17, 1943)
- McCullough, James Clark, Ph.B., University of Wisconsin, 1940—(December 17, 1943)
- McDaniel, Edwin Bailey, B.S., Wheaton College, 1940—(December 17, 1943)
- McDonald, James Alexander, B.S., Wheaton College, 1938—(March 26, 1943)
- Merrill, Joseph Grant, A.B., DePaul University, 1939—(March 26, 1943)*
- Meyers, Sidney Stanley, B.S., 1941—(March 26, 1943)
- Mills, Girard Yale, B.S., Lewis Institute, 1939—(March 26, 1943)
- Mizell, Irving David, B.S., 1941—(June 18, 1943)
- Mizenberg, Edward, B.S., 1942—(December 17, 1943)
- Morris, Hyman Rubin, B.S., 1941—(March 26, 1943)
- Moss, Charles Taylor, Jr., B.S., 1942—(March 26, 1943)
- Moy, Grant Gay, B.S., 1942—(December 17, 1943)*
- Mrazek, Phyllis Therese, A.B., 1939—(March 26, 1943)*
- Murison, Paul Jean—(March 26, 1943)
- Musgrave, Donald Paul, B.S., 1942—(December 17, 1943)
- Nalefski, Lester August, B.S., 1934—(December 17, 1943)
- Narut, Leo Francis, A.B., State University of Iowa, 1939; B.S., 1941—(March 26, 1943)
- Nelson, Harold Hedley, B.S., 1942—(December 17, 1943)
- Nemecek, Joseph George, B.S., 1942—(December 17, 1943)
- Neufeld, G. Alan, B.S., 1941—(March 26, 1943)
- Neumann, John Edward, B.S., 1942—(December 17, 1943)
- Newman, Bruce Baxter, B.S., 1941—(December 17, 1943)
- Noble, Gene Merton—(December 17, 1943)
- Noskin, Eugene Aaron, B.S., 1941—(March 26, 1943)
- Novota, Otto John, B.S., 1942—(March 26, 1943)
- Nusbaum, David, B.S., 1941—(March 26, 1943)
- O'Berto, Albert Louis, A.B., B.S., 1939, 1942—(December 17, 1943)
- O'Neill, Colman Jerome, B.S., 1941—(March 26, 1943)
- Palka, Leonard John, B.S., 1942—(December 17, 1943)
- Paynter, Gilman Caldwell, B.S., 1940—(March 26, 1943)
- Pelatoski, Robert William, B.S., 1940—(March 26, 1943)
- Perry, Edmond Joseph, B.S., 1941—(December 17, 1943)
- Peterson, Everett Roland Theodore, A.B., Augustana College, 1936—(March 26, 1943)
- Pevsner, Samuel, B.S., 1940—(March 26, 1943)
- Provenzano, Joseph Alfred, A.B., North Central College, 1939—(December 17, 1943)
- Pruett, Carl Eugene—(March 26, 1943)
- Przepiorski, John Bruno, B.S., 1937—(December 17, 1943)
- Qualmann, Lawrence Richard, B.S., 1942—(December 17, 1943)
- Rappaport, Dina Braude—(December 17, 1943)
- Reynolds, Gordon Weld, A.B., University of Wisconsin, 1940—(March 26, 1943)
- Rice, Harry Emory, A.B., Maryville College, 1938—(March 26, 1943)
- Robbins, Sylvia Kay, B.S., Central Y.M.C.A. College, 1939—(March 26, 1943)
- Roberts, Pauline Odessa, B.S., University of Chicago, 1939—(March 26, 1943)
- Robin, Sidney Woodrow, B.S., 1942—(December 17, 1943)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Rodine, John Clinton, B.S., University of South Dakota, 1940—(December 17, 1943)
- Rose, William Robert, B.S., 1941—(December 17, 1943)*
- Rosenthal, Maurice J., B.S., 1941—(March 26, 1943)
- Rosner, David Charles, B.S., 1941—(December 17, 1943)
- Ruggie, Alexander, B.S., 1941—(March 26, 1943)
- Rundles, Charles Henry, A.B., 1940—(December 17, 1943)
- Salk, Melvin Raymond, B.S., M.S., University of Chicago, 1937, 1938—(March 26, 1943)*
- Samelson, Charles Frederick—(December 17, 1943)
- Sannan, Hervev John, A.B., University of Montana, 1938—(March 26, 1943)
- Sapienza, Anthony Rosario, B.S., 1940—(March 26, 1943)
- Scanlon, Thomas Byron, Jr., A.B., James Millikin University, 1941; B.S., 1942—(December 17, 1943)
- Schaeffer, Everett William, A.B., North Central College, 1937—(March 26, 1943)
- Schafer, Ethelred Louise, A.B., North Central College, 1928—(June 18, 1943)
- Schaffner, Harold Bernard, B.S., 1942—(December 17, 1943)
- Schaffran, Morton, B.S., 1941—(March 26, 1943)
- Schultz, Allen, B.S., 1941—(March 26, 1943)
- Schultz, J. Harold, B.S., University of South Dakota, 1940—(December 21, 1943)
- Schweitzer, Albert William, B.S., Illinois Wesleyan University, 1939—(December 17, 1943)
- Sellett, Thomas, B.S., 1942—(December 17, 1943)
- Shapiro, Joseph, B.S., 1940—(December 17, 1943)
- Shechter, Nathan, B.S., 1940—(March 26, 1943)
- Sholder, Seymour, B.S., 1942—(December 17, 1943)
- Shulruff, Eli, B.S., 1941—(March 26, 1943)*
- Siegel, Alfred Lewis, B.S., 1941—(March 26, 1943)*
- Sloan, Noah Herman, B.S., Lewis Institute, 1939—(March 26, 1943)
- Small, Sidney Robert, B.S., 1941—(March 26, 1943)
- Smith, Gordon Lane, A.B., DePauw University, 1938—(December 17, 1943)
- Smith, James Charles, Jr.—(December 17, 1943)
- Smith, Marie Anne, B.S., Mundelein College, 1936—(December 17, 1943)
- Sorenson, Allen Roger, A.B., Luther College, 1938; B.S., University of North Dakota, 1942—(December 17, 1943)
- Spidell, Haydon James, B.S., Wheaton College, 1940—(December 17, 1943)
- Sroka, Alexander George, B.S., 1943—(December 17, 1943)
- Stam, John, B.S., Wheaton College, 1940—(December 17, 1943)
- Stanton, George Thaddeus, A.B., 1939—(December 17, 1943)
- Stein, Seymour Norman, A.B., B.S., 1941, 1942—(December 17, 1943)
- Steinberg, Menahem, B.S., 1941—(March 26, 1943)
- Steiner, Bradford Ezra, B.S., Wheaton College, 1939—(March 26, 1943)
- Stern, Sidney Guy, B.S., University of Chicago, 1939—(March 26, 1943)
- Sternberg, Milton, B.S., 1942—(December 17, 1943)
- Stewart, John Chester, A.B., Dartmouth College, 1939—(March 26, 1943)
- Stoelling, Jean Lewis, A.B., Indiana State Teachers College, 1938—(March 26, 1943)
- Streicher, Daniel Leo, B.S., 1941—(December 17, 1943)
- Stropes, Lloyd Ray, B.S., 1942—(December 17, 1943)
- Stryker, Joan Copeland, B.S., 1940—(June 18, 1943)
- Sutherland, Lyndon Clay, A.B., James Millikin University, 1940—(December 17, 1943)
- Swarts, Jerome Marvin, B.S., University of Chicago, 1939—(March 26, 1943)
- Switzer, John Louis, B.S., 1942—(December 17, 1943)
- Tanner, Lewis William, B.S., 1942—(December 17, 1943)
- Tanner, Megan James, B.S., University of Wales, 1941—(December 17, 1943)
- Tarnoff, Joseph F., A.B., Illinois Wesleyan University, 1938; B.S., 1943—(December 17, 1943)
- Tavlin, Robert Cedric, B.S., 1942—(December 17, 1943)
- Tellerman, Louis Donald, B.S., 1942—(December 17, 1943)
- Tenenbaum, Maurice, B.S., University of Chicago, 1940—(December 17, 1943)
- Thomas, Gerald Jay, B.S., 1942—(December 17, 1943)
- Thompson, Robert George, B.S., 1942—(December 17, 1943)
- Thompson, William Sydney—(December 17, 1943)
- Treiger, Philip, A.B., 1941—(December 17, 1943)
- Tulsky, George, B.S., Central Y.M.C.A. College, 1939—(December 17, 1943)
- Turov, David D., B.S., 1941—(March 26, 1943)
- Tuttle, Warren DeWitt, B.S., 1941—(December 17, 1943)
- Ungerleider, Jerome Leon, B.S., 1941—(March 26, 1943)
- Valenti, Dan Anino, B.S., Monmouth College, 1938—(March 26, 1943)
- Vandenberg, Roy Emerson, B.S., 1940—(December 17, 1943)
- Vil, Charles Stephan, B.S., 1942—(December 17, 1943)
- Vlasis, George Peter, B.S., 1941—(March 26, 1943)
- Vollan, Douglas Dec, B.S., Wheaton College, 1940—(December 17, 1943)
- Vondrasek, Earl Anthony, A.B., 1939—(March 26, 1943)
- Waddington, Harry Kenneth—(March 26, 1943)*
- Warsaw, Philip, B.S., 1938—(March 26, 1943)
- Watenmaker, William Meyer, B.S., 1941—(March 26, 1943)
- Weidenheim, Carl Wilhelm, B.S., Northwestern University, 1936—(March 26, 1943)
- Weil, Harry Richard—(March 26, 1943)
- Weiland, Albert S.—(December 17, 1943)
- Weiland, Richard John—(December 17, 1943)
- Weir, James Robert, B.S., Wheaton College, 1939—(December 17, 1943)*
- Weiss, Harold Richard, B.S., 1941—(March 26, 1943)
- Welsh, Edwin Charles, A.B., University of Wisconsin, 1940—(December 17, 1943)
- Whitlock, Richard Foster, B.S., 1940—(March 26, 1943)
- Wilde, Norbert John, B.S., D.D.S., 1939, 1940—(December 17, 1943)
- Wilensky, Sam Donald, B.S., 1941—(March 26, 1943)
- Young, Robert Lawrence, B.S., 1940—(December 17, 1943)
- Youngberg, Raymond Conrad David—(March 26, 1943)
- Zielinski, Victor John, B.S., 1941—(March 26, 1943)
- Zitek, Russell William, B.S., 1942—(December 17, 1943)
- Zvetina, James Raymond, B.S., Loyola University, 1940—(December 17, 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)

- | | |
|--|---------------------------------------|
| Barclay, Paul Seitz | Luria, Harold Jack |
| Biliskis, Albert George | Muller, Carl Herman ⁴ |
| Borkenhagen, Robert Herbert | Pope, William Travis |
| Burrell, Jack Baker | Potkin, Nathan Norman, B.S., 1937 |
| Erickson, John Elmer ⁶ | Riklin, Bernard Morris |
| Estrin, Seymour Myron | Saylor, James Frederick |
| Feldman, Philip Jesse, B.S., New York University, 1940; Ph.G., Columbia University, 1933 | Scudder, Daniel Richard ⁴ |
| Ferkel, Louis | Shapiro, Abraham Jacob ⁶ |
| Frank, James Louis, B.S., 1941 ⁰ | Shapiro, Harry Robert ⁶ |
| Hirschtick, Edwin Joseph | Shesler, John William ⁸ |
| Hokin, Irving Albert, B.S., Lewis Institute, 1941 ⁰ | Stott, Thomas Austin |
| Klavan, Bennett, A.B., Johns Hopkins University, 1941 | Sullivan, Robert Harding |
| Kolodziejczyk, Joseph ⁶ | Szmyd, Milton Anthony |
| Kowalski, Roland Anthony | Thurow, Raymond Carl |
| Levinson, Leonard, A.B., Carleton College, 1939 | Watson, Richard Hale, A.B., 1940 |
| Lies, Donald Michael | Weclaw, Victor Thomas |
| Lifschutz, Sherman Parker | Weitz, Fred |
| | Wesselius, Richard Earle ⁶ |
| | Wise, Thomas Albert |
| | Zucker, Edward, A.B., 1941 |

Degree of Doctor of Dental Surgery

(Conferred in Chicago)

- | | |
|---|---|
| Arnold, John Fitch, B.S., 1941 | Lees, Harry Michael, B.S., 1941 |
| Axelrod, Sol Jack, B.S., 1941 | Levinson, Leonard, A.B., Carleton College, 1939 |
| Bergschneider, Myron Ross, A.B., B.S., 1939, 1941 | Matlaw, Myron, A.B., New York University, 1940; B.S., 1941 |
| Berry, Ewart Frederick, B.S., 1941 | Mendel, Seymour |
| Bobal, Frank Julius, B.S., 1941 | Menzin, Julius Bud, B.S., 1941 |
| Bobrow, Bernard, B.S., 1941 | Nadel, Alfred, B.S., 1941 |
| Brady, William Brandon, B.S., 1941 | Nemoff, Robert David, B.S., 1941 |
| Brink, Richard Grant, B.S., 1941 | Pintavalle, Edward Armando, B.S., 1941 |
| Cohen, Maurice, B.S., 1941 | Poster, Marvin Manny, A.B., Syracuse University, 1937; B.S., 1941 |
| Dale, Edwin Earl | Ritterband, Jerzy |
| Dawson, Isaac Milton, Jr., A.B., 1939 | Rudich, Leo Harold, B.S., 1941 |
| Defouw, John, B.S., 1941 | Sarnacki, David, B.S., 1941 |
| Eisman, Norman Newton, B.S., 1941 | Schiff, Lester, B.S., 1941 |
| Estrin, Seymour Myron | Schneider, Fred, B.S., 1941 |
| Faermark, Wilbert, B.S., 1941 | Sedivec, George, B.S., 1941 |
| Falkowitz, Milton, B.S., 1941 | Shiffman, Robert, B.S., University of Arkansas, 1939; B.S., 1941 |
| Ferkel, Louis | Slawsky, Martin, B.S., 1941 |
| Fishman, Isidore Harry, B.S., 1941 | Sokol, Herbert Abner, B.S., University of Chicago, 1939 |
| Fletcher, Morris Joseph, B.S., 1941 | Stroup, Clyde Leroy, B.S., 1941 |
| Geisner, Abraham, B.S., 1941 | Thaller, Jack Louis, B.S., College of the City of New York, 1937 |
| Gershenfeld, Carl, B.S., 1941 | Tiersky, Morris D., B.S., 1941 |
| Grundset, Harold Eldon | Weclaw, Victor Thomas ² |
| Hess, Frederick | Wolgemuth, Theodore John |
| Hessel, Arthur, B.S., 1941 | Zeitlin, Harold Byer, B.S., 1941 |
| Hoglund, Carl William, B.S., 1941 | |
| Jaskulski, Richard | |
| Katz, Robert Muni, B.S., 1941 | |
| Kirschner, Nathan, B.S., 1941 | |
| Koplan, Robert, B.S., 1941 | |
| Lauterstein, Aubrey Morton, B.S., 1941 | |

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred in Chicago)

- | | | |
|-------------------------------------|--|---------------------------------|
| Ballin, Orrin Bernard | Finney, David Bertric, Jr. | Harland, Wilson Leo |
| Barbera, Anthony Frank | Frankfort, Sidney | Hawkins, Edward Charles* |
| Brast, Jeannette Helen ⁴ | Funk, Herbert Emerson, Jr., B.S., Beloit College, 1939 | Hayes, Melvin John ⁴ |
| Brown, Richard Belmore, Jr. | Gauss, Arthur B. | Heller, Gershon Leo |
| Brown, Sidney | Ginsburg, Victor ⁴ | Hendricks, Guy Raymond |
| Butler, John William | Gittelson, Paul Bernard | Jason, John Bernard |
| Eaton, Anthony, Ph.C., 1934 | Goggin, Michael James ⁴ | Klein, Clarence |
| Eggett, Paul Wright, Jr. | Grimm, Raymond Joseph | Koren, Joseph Anton |
| Finkelstein, Myron | | Kravitz, Arnold William |

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

Kuhnle, Hans Artur	Neiditch, Oscar Walter**	Sister Mary Josepha Zwierzycy,
Lewis, Edward Roy, Jr.	Petroski, Joseph Jesse	B.S., DePaul University, 1936*
Lochner, Laurie Louis	Piljac, William*	Sopocy, Steve
Lowenthal, Leslie Sheldon	Pressman, Donald	Tyler, Sanford Allen
Mabis, Arthur Harold	Sebek, Roy Otto*	Urbanowicz, Leone F.
Meyer, Raymond	Shinnick, Richard Charles	Weingartner, William John
Miles, James Allen		Werkow, Theodore

GRADUATE SCHOOL (URBANA AND CHICAGO)

Degree of Master of Arts

(In the subjects shown in parenthesis)

- Adkins, Ruth Helen. A.B., 1939; (German)⁵
 Albrecht, Esther Andreen, A.B., Augustana College, 1918; (Education)
 Anderson, Robert Todd, A.B., Kalamazoo College, 1942; (Physics)
 Anderson, Shirley Louise, A.B., University of Wichita, 1942; (English)
 Aron, Walter Arthur, A.B., 1942; (Physics)
 Bach, Anna Marie Elizabeth, B.Ed., Northern Illinois State Teachers College, 1934; (Education)³
 Baker, Merle Willard, B.Ed., Southern Illinois State Normal University, 1939; (Education)¹
 Bauer, Veda Bolt, B.Ed., Illinois State Normal University, 1924; (Education)¹
 Baum, Margarete Auguste, B.Ed., Northern Illinois State Teachers College, 1942; (English)
 Beavins, Lionel Emerson, B.Ed., Illinois State Normal University, 1936; (Education)³
 Bell, Myrtle May, A.B., Wheaton College, 1942; (English)
 Berolzheimer, Hobart Francis, A.B., 1942; (English)
 Bessmer, Mary Christine, B.Ed., Illinois State Normal University, 1942; (Classics)
 Beverly, Hazel Lillian, A.B., 1927; (English)⁵
 Bonaudo, Anna Carola, B.Ed., Southern Illinois Normal University, 1941; (Education)³
 Bond, Florence Irene, B.Ed., Western Illinois State Teachers College, 1939; (Education)⁵
 Bosket, Dorothea Marie, B.Ed., Southern Illinois Normal University, 1939; (Education)¹
 Bozarth, Wilburn Anderson, B.Ed., Southern Illinois Normal University, 1941; (Education)¹
 Broderick, Francis William, A.B., St. Benedict's College, 1933; (Education)³
 Bush, Derrick Sidney, A.B., Carthage College, 1933; (Education)¹
 Coffman, Emily Ann, B.Ed., Illinois State Normal University, 1937; (English)³
 Craig, Mabel, B.Ed., Southern Illinois Normal University, 1933; (Education)³
 Cullen, Stella Felicia, B.S., 1936; (Education)³
 Devine, Robert Gillis, A.B., DePauw University, 1942; (Physics)
 Dippel, Nedra Eileen, B.Ed., Southern Illinois Normal University, 1939; (Education)³
 Dixon, Joseph Dean, B.S., Monmouth College, 1927; (Education)³
 Driver, Wilma Evelyn, A.B., 1934; (Education)
 Dueringer, Viola Henrietta, A.B., Illinois Wesleyan University, 1925; (Education)
 DuMaine, Grace Elizabeth, A.B., Stowe Teachers College, 1939; (Education)³
 Duncan, Robert Everett, B.Ed., Illinois State Normal University, 1935; (Education)
 Dunn, Eva Louisa, B.S., 1937; (Education)¹
 Durham, Evelyn Elizabeth, B.Ed., Illinois State Normal University, 1938; (Education)³
 Edland, Charles Anthony Wayne, A.B., Illinois Wesleyan University, 1933; (Education)
 Epperson, Amzi Theodore, B.S., 1935; (Social Sciences)
 Epstein, Dena Julia Polacheck, A.B., University of Chicago, 1937; B.S.(Lib.), 1939; (Library Science)³
 Evans, Mary Louise, B.Ed., Southern Illinois Normal University, 1940; (Speech)
 Ewing, Frances Eleanor, A.B., 1941; (Mathematics)
 Farha, Louise, A.B., Park College, 1927; (Education)
 Fulkerson, Jessie Ruth Merle, B.Ed., Southern Illinois Normal University, 1940; (Education)³
 Galbreath, Margaret Norris, A.B., 1934; (Education)³
 Gasaway, Sadie Catherine, B.S., Lemoyne College, 1933; (Mathematics)³
 George, Thomas Waller, A.B., University of Kansas City, 1941; (Physics)
 Graham, Francis William, A.B., 1935; (Political Science)¹
 Griffin, Erville Glenn, A.B., 1933; (Education)
 Gruenewald, Wendell LeRoy, B.Ed., Eastern Illinois State Teachers College, 1938; (Political Science)³
 Hance, Wayne, A.B., 1928; (Education)¹
 Handley, Mildred Kathryn, B.Ed., Eastern Illinois State Teachers College, 1933; (Classics)³
 Harper, Josephine Louise, A.B., Rockford College, 1942; (History)³
 Harrod, Sara Virginia, A.B., Eureka College, 1937; (English)¹
 Hawks, Thisbe Arnoldson, A.B., Grinnell College, 1928; (Education)³
 Heath, Helen Mae, A.B., 1937; (Education)³
 Hejzmanek, Lillian Bessie, A.B., University of Idaho, 1932; (Spanish)⁵
 Henry, Joseph Clark, A.B., Carleton College, 1937; (Education)³
 Hertenstein, Dorothy Ida, A.B., McKendree College, 1940; (Education)³
 Holley, James League, B.Ed., Illinois State Normal University, 1937; (Education)
 Howard, Ellen Owsley, B.Ed., Southern Illinois Normal University, 1942; (English)
 Hudson, Earl L., B.Ed., Western Illinois State Teachers College, 1939; (Education)¹
 Hundertmark, Elaine, B.S., Florida State College for Women, 1942; (Mathematics)⁵
 Iseminger, Eleanor Madge, A.B., Illinois Wesleyan University, 1925; (English)³
 Jantzen, Rosemary Eleanor, A.B., St. Louis University, 1939; (English)⁵
 Jarrell, Alice Pearl, B.S., 1938; (Education)³
 Johnson, Lena Hord, B.Ed., Southern Illinois Normal University, 1940; (Education)³

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Jones, Estel Blake, B.Ed., Western Illinois State Teachers College, 1937; (Education)²
- Joyce, Margaret, A.B., MacMurray College, 1938; (English)⁵
- Kasiske, Florence Mathilda, A.B., Illinois Wesleyan University, 1933; (History)
- Kestenbaum, Jerome, A.B., Yeshiva College, 1939; (French)⁵
- Kuipers, Florence Gertrude, A.B., Calvin College, 1942; (German)
- Kunke, Laverne Josephine, A.B., Rosary College, 1942; (History)
- Langebartel, Ray Gartner, A.B., 1942; (Mathematics)
- Larson, Paul Julian, B.S., 1938; (Education)
- Lashbrook, Orrin Miller, B.Ed., Western Illinois State Teachers College, 1936; (Education)³
- Lawton, Lucy Maud, A.B., 1938; (English)⁵
- Lees, Ruby Roxane, A.B., 1942; (French)
- Lloyd, Dorothy Gwendolyn, A.B., Florida State College for Women, 1932; B.S.(Lib.), 1933; (Library Science)¹
- Lumms, Frank Max, A.B., 1942; (Classics)³
- Lyrley, Linnet Trainer, B.Ed., Southern Illinois Normal University, 1932; (Education)¹
- MacGregor, James Ellis, B.Ed., Illinois State Normal University, 1938; (Education)²
- Maddox, James Robert, B.S., 1942; (Social Sciences)⁵
- Magill, Lewis Malcolm, A.B., Illinois Wesleyan University, 1934; (English)
- Marable, Mary Hays, A.B., Oklahoma City University, 1930; B.S.(Lib.), 1933; (Library Science)¹
- Marry, Ethel Helena, B.Ed., Western Illinois State Teachers College, 1939; (Education)³
- Mathy, Leonard George, A.B., 1941; (Economics)
- Matthys, Lesley Rose, B.S., University of Arizona, 1942; (Botany)⁵
- Meadows, Edna Leone, A.B., 1940; (Botany)³
- Meers, Bonnie Louise, B.Ed., Illinois State Normal University, 1940; (English)
- Miller, Donald Calvin, A.B., 1942; (Economics)
- Moore, David Graham, A.B., 1940; (Sociology)
- Moore, Gladys Ella Gaines, A.B., 1940; (English)³
- Moore, Helen Josephine, A.B., Stowe Teachers College, 1939; A.B., Lincoln University, 1940; (Mathematics)⁵
- Morgan, Teresita Dillon, A.B., 1922; (Education)³
- Moss, Juddie Raymond, B.Ed., Southern Illinois Normal University, 1932; (Education)¹
- Murphy, John Edwin, A.B., 1940; (History)
- Musselman, Mary Louise, A.B., DePauw University, 1937; (Education)¹
- Neale, Mary Hering, A.B., 1942; (English)
- Norman, Grace Elizabeth, A.B., 1926; (Education)¹
- Oliver, Earl Lester, B.Ed., Eastern Illinois State Teachers College, 1942; (English)
- Park, Ralph Munroe, B.S., 1941; (English)¹
- Pearce, Hubert Waldo, A.B., Illinois College, 1934; (Education)³
- Perrottet, Betty Pearl, A.B., Shurtleff College, 1942; (English)³
- Petty, Howard Bliss, Jr., A.B., 1940; (Entomology)
- Pilch, L. Louise Mentzer, B.Ed., Illinois State Normal University, 1937; (Education)³
- Pollock, Elizabeth May, B.Ed., Illinois State Normal University, 1938; (Education)
- Power, Paul Edwin, B.S., Hampden-Sydney College, 1935; (Education)
- Pritchett, Dorothy Isabel, A.B., Indiana University, 1934; (Education)³
- Ragsdale, Ralph Lee, B.Ed., Illinois State Normal University, 1938; (Education)
- Rasmussen, Loré May, A.B., 1940; (Education)⁵
- Rebstock, Mildred Catherine, A.B., North Central College, 1942; (Chemistry)⁵
- Reed, Anna Louise Isherwood, B.Ed., Southern Illinois Normal University, 1935; (English)³
- Rich, Joseph McElroy, A.B., Dartmouth College, 1941; (Psychology)³
- Ross, John Samuel, B.Ed., Illinois State Normal University, 1938; (Education)
- Ryburn, Ruth Helen, B.Ed., Illinois State Normal University, 1939; (English)¹
- Samford, Arthur Auburn, B.Ed., Southern Illinois Normal University, 1941; (Education)⁵
- Satterfield, Billie Marie, A.B., 1942; (English)
- Schneider, Leonard Barnard, A.B., 1942; (Psychology)³
- Shearer, Ruth Agnes, A.B., 1942; (French)
- Shelton, Mary Ruth, A.B., McKendree College, 1942; (English)
- Sibley, Marjorie Hedrick, A.B., 1942; (Sociology)⁵
- Simpson, Claude H., B.Ed., Southern Illinois Normal University, 1941; (Education)³
- Sister Mary Aloysius Reilly, B.Ed., Milwaukee State Teachers College, 1933; (Education)⁵
- Sister Mary Blanche Barrett, Ph.B., DePaul University, 1930; (Education)
- Sister Mary Irena Riordan, A.B., Rosary College, 1938; (Education)⁵
- Sister Mary José Ernst, Ph.B., University of Chicago, 1922; A.B.(Lib.), Rosary College, 1938; (Library Science)³
- Sister Vincent de Paul Huguét, A.B., University of Notre Dame, 1933; (Education)³
- Slifer, Clayton Noble, B.Ed., Eastern Illinois State Teachers College, 1938; (Education)
- Smith, Carl Oliphant, A.B., 1939; (Economics)
- Smith, Lloyd, A.B., 1942; (Physics)
- Smith, Madeline Kerchenfaut, B.Ed., Illinois State Normal University, 1937; (Education)⁵
- Smith, Walter Allen, B.Ed., Southern Illinois Normal University, 1939; (History)
- South, Elizabeth Garrard, A.B., University of Kentucky, 1942; (English)
- Stafford, Marjorie, A.B., University of Oklahoma, 1925; B.S.(Lib.), Columbia University, 1940; (Library Science)³
- Steinlicht, Viola Ann, B.Ed., Illinois State Normal University, 1940; (Education)³
- Stevens, Rolland Elwell, A.B., Washington University, 1939; B.S.(Lib.), 1940; (Library Science)
- Stine, Leo Clair, B.Ed., Illinois State Normal University, 1939; (Social Sciences)⁵
- Stratman, Carl Joseph, A.B., De Paul University, 1940; (English)³
- Swank, Irma Louise, A.B., 1935; (History)
- Taylor, Helen Wilhelm, B.Ed., Southern Illinois Normal University, 1939; (Education)³
- Terwilliger, Shaw, B.S., 1932; (Education)
- Tomlinson, James Albert, B.S., 1935; (Political Science)³
- Tucker, Harvey Leroy, A.B., James Millikin University, 1931; (Education)
- Van Cura, Leo Charles, A.B., St. Procopius College, 1936; (English)
- Venegoni, Anthony Benedict, B.Ed., Southern Illinois Normal University, 1938; (Education)
- Wade, Bernadine Ettalea, B.Ed., Eastern Illinois State Teachers College, 1938; (English)³

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Wagner, Nan Louise Inman, B.Ed., Eastern Illinois State Teachers College, 1938; (English)¹
- Wakeland, Fred Raymond, B.S., 1918; (Education)¹
- Wallis, Ruth Elberta, B.Ed., Illinois State Normal University, 1941; (Education)²
- Walzy, Hildegard Mary, B.Ed., Illinois Normal University, 1937; (Education)¹
- Warren, Olive Lauterbach, B.S., 1938; (English)
- Watson, Louise, A.B., University of Oregon, 1938; (Education)
- Welker, David Harold, A.B., 1939; (English)
- West, Margaret Mae, B.Ed., Southern Illinois Normal University, 1932; (Education)¹
- Whitehurst, Dale, B.Ed., Southern Illinois Normal University, 1939; (Education)
- Wiley, Lynn Arnold, A.B., Carthage College, 1933; (Education)³
- Wilson, Dorothy Louise, A.B., Eureka College, 1931; (History)³
- Wilson, Roy Kenneth, B.Ed., Eastern Illinois State Teachers College, 1936; (Education)⁵
- Woyiski, Mark M., A.B., University of Buffalo, 1939; (Chemistry)¹
- Yaeger, Edgar Gabriel, A.B., 1918; (Education)⁵
- Yerasavich, Margaret Helen, A.B., 1941; (English)³
- Zimmerman, Robert Benner, A.B., Central Wesleyan College, 1925; (Education)³

Degree of Master of Science

(In the subjects shown in parenthesis)

- Ackerman, Gene Franklin, B.Ed., Western Illinois State Teachers College, 1939; (Education)¹
- Aladjem, Nissim Tchelebi, B.S., 1942; (Civil Engineering)⁵
- Babcock, LeRoy Edmond, B.Ed., Southern Illinois Normal University, 1938; (Mathematics)³
- Bash, Charles Roosevelt, B.S., 1935; (Accountancy)¹
- Baumann, Robert James, B.S., Elmhurst College, 1940; (Chemistry)
- Benton, Clifford Sturgis, A.B., Cornell College, 1941; (Chemistry)
- Bergschneider, Anna Margaret Lacy, B.S., University of Minnesota, 1939; (Bacteriology)^{6†}
- Bohan, John Lynch, A.B., Knox College, 1934; B.M., M.D., Northwestern University, 1938, 1939; (Medicine)^{6†}
- Bretsnnyder, Ellen Sue, B.S., 1938; (Botany)³
- Bricker, Mildred Lavern, B.S., 1942; (Home Economics)¹
- Britton, Vera Dorothea, B.S., 1939; (Music Education)¹
- Bunch, Hildred George, B.S., University of Arkansas, 1942; (Agricultural Economics)³
- Burbridge, Hester Cape, B.S., 1938; (Education)⁵
- Burns, Robert Taylor, B.S., 1940; (Education)
- Butler, Wayne Corwin, B.S., 1941; (Education)³
- Carr, Richard Kilner, B.S., 1941; (Chemistry)¹
- Camealy, Edward George, B.S., 1938; (Music Education)
- Chen, Kuang Hsu, B.S., National Tsing Hua University, 1933; (Chemistry)¹
- Chu, Paò, B.S., National Tsing Hua University, 1935; (Entomology)¹
- Clare, Frank Brian, B.S., 1941; (Physiology)^{2†}
- Clift, Cecil William, B.S., Purdue University, 1935; (Agronomy)
- Collins, Geoffrey Philip, B.S.A., Ontario Agricultural College, 1928; (Agricultural Economics)³
- Coplan, Franklin Samuel, B.S., Eureka College, 1931; (Education)¹
- Craft, Irene Louise, B.S., Ft. Hays Kansas State College, 1930; A.M., University of Nebraska, 1931; B.S.(Lib.), 1941; (Library Science)²
- Crenshaw, Esther Mary, B.S., Wilberforce University, 1933; B.S.(Lib.), Hampton Institute, 1935; (Library Science)³
- Cress, Charles Henry, Jr., B.S., 1941; (Physiology)^{2†}
- Cross, Fowler Border, A.B., Central State Teachers College, 1931; A.B.(Lib.), University of Oklahoma, 1939; (Library Science)³
- Croxton, Orson Hinman, B.Ed., Western Illinois State Teachers College, 1921; (Education)³
- Davidson, John Richard, B.S., 1938; (Education)³
- Davis, Hubert Porter, B.Ed., Southern Illinois Normal University, 1940; (Education)¹
- De Jordy, Alma, A.B., University of Arkansas, 1940; B.S.(Lib.), 1941; (Library Science)
- DeRose, Anthony Francis, B.S., 1941; (Pharmacognosy)^{2†}
- Dick, Margaret Jane, A.B., Wellesley College, 1942; (Chemistry)
- Dickman, Marion Lund, B.S., 1940; (Chemistry)
- Ebel, Albert James, A.B., State University of Iowa, 1937; (Electrical Engineering)⁵
- Erlandson, Ruth Madeline, A.B., Knox College, 1928; B.S.(Lib.), 1937; (Library Science)³
- Farr, Charles Robert, B.S., 1941; (Horticulture)
- Figueroa, Liborio, B.S., West Virginia University, 1921; M.D., 1924; (Surgery)^{4†}
- Fletcher, Ruth Edith, B.S., 1939; (Education)
- Fowler, Edson Fairbrother, A.B., Williams College, 1937; B.M., M.D., Northwestern University, 1941, 1942; (Surgery)[†]
- Fox, Hubert Wriley, B.Ed., Southern Illinois Normal University, 1939; (Education)¹
- Gardner, Bertram Wallace, Jr., B.S., Kansas State College, 1941; (Animal Husbandry)
- Gasteiger, Edgar Lionel, Jr., A.B., Allegheny College, 1942; (Physics)⁵
- Green, Charles William, B.Ed., Illinois State Normal University, 1935; (Animal Husbandry)¹
- Green, Nathaniel Belnap, B.S., 1942; (Music Education)³
- Grubb, Lucille Elizabeth, A.B., Illinois Wesleyan University, 1935; (Education)³
- Hampton, Vern James, B.S., 1938; (Accountancy)
- Hao, Chao-Chien, B.S., Chiao Tung University, 1936; (Civil Engineering)
- Harmon, Kathryn Mildred, B.S., 1941; (Home Economics)
- Hathorn, Scott, Jr., B.S., Louisiana State University, 1941; (Agricultural Economics)¹
- Heinsen, Alice Jean, A.B., Grinnell College, 1942; (Chemistry)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.
 †Conferred in Chicago.

- Helleberg, Angelene Dagmar, B.S., University of Nebraska, 1940; (Home Economics)¹
 Herda, Matthew George, A.B., St. Procopius College, 1936; (Chemistry)⁵
 Hickle, Glen Cassius, A.B., Hedding College, 1916; (Education)¹
 Hills, Elizabeth Anne, B.S., 1937; (Education)
 Hino, Jun, B.S., 1941; (Metallurgical Engineering)
 Hofer, Donald Adelbert, A.B., North Central College, 1939; (Education)³
 Holland, Daniel A., B.S., 1941; (Chemistry)²†
 Hovorka, John, B.S., Queens College, 1942; (Physics)⁵
 Hubbert, Russell Deane, B.S., 1939; (Education)³
 Jackson, William Gordon, B.S., University of Michigan, 1942; (Chemistry)⁶
 Jones, Robert Ellery, A.B., Cornell College, 1942; (Chemistry)⁵
 Kamp, James Richard, A.B., Washington University, 1928; B.S., 1942; (Horticulture)
 Kaski, Ignatius Joseph, B.S., 1936; (Chemistry)²†
 Klontz, Charles E., Jr., B.S., Beloit College, 1938; M.D., 1942; (Medicine)†
 Klontz, Everett Earl, B.S., Kent State University, 1942; (Physics)⁵
 Kovacic, Charles Robert, B.S., 1938; (Education)³
 Krone, Ralph Werner, B.S., Antioch College, 1942; (Physics)⁵
 Kuhn, Wolfgang, B.Mus., 1936; (Music Education)¹
 Lampert, Seymour, B.S., 1941; (Pharmacy)⁴†
 Landon, Beatrice Eleanor, B.S., Mundelein College, 1941; (Chemistry)¹
 Lester, Paul Fred, B.S., 1941; (Music Education)
 Lindsay, Etha Inez, B.S., 1938; (Education)
 Martinek, Robert George, B.S., 1941; (Chemistry)²†
 Mattern, John Arthur, B.S., Ohio State University, 1941; (Chemistry)
 Mautz, Charles William, B.S., 1941; (Physics)¹
 McDaniel, William Earl, B.S., University of Missouri, 1942; (Agricultural Economics)
 McElhinney, John, B.S., Ursinus College, 1942; (Physics)⁵
 McMurray, Wilbern, B.Ed., Southern Illinois Normal University, 1934; (Education)³
 Meisner, Donald Franklin, A.B., University of Wichita, 1941; (Chemistry)¹
 Méndez, Erasmo, Jr., B.S., 1943; (Civil Engineering)⁵
 Miller, Joann Emily, A.B., MacMurray College, 1942; (Zoology)⁵
 Miner, Sarah Avice, B.Mus., Oberlin Conservatory of Music, 1933; (Music Education)⁸
 Mingece, Russell Jacob, B.S., 1932; (Education)
 Mitchell, Winifred Ruth, B.S., 1941; (Bacteriology)¹
 Morton, Robert Brading, B.S., Birmingham-Southern College, 1941; (Geology)
 Noskin, Vivian, B.S., Northwestern University, 1942; (Bacteriology)²†
 O'Dell, Louise Martha, B.Ed., Southern Illinois Normal University, 1934; (Botany)³
 Olson, John Melrose, B.Ed., Illinois State Normal University, 1938; (Education)¹
 Osborne, Oscar William, B.Ed., Illinois State Normal University, 1942; (Education)¹
 Paine, Ruth Liona, B.Ed., Illinois State Normal University, 1938; (Education)⁵
 Pastor, Ruth Anna, B.S., 1932; (Education)³
 Pearce, Everett Leo, B.S., 1926; (Education)¹
 Perkinson, Russell Eugene, B.S., 1941; (Agricultural Economics)⁵
 Peters, Clifford Henry, B.S., M.D., 1937, 1939; (Medicine)²†
 Phillips, James Alfred, A.B., Carleton College, 1942; (Physics)⁵
 Pierce, Hiram Warren, B.S., Illinois College, 1917; (Education)⁵
 Poynter, Laura Lucille, B.Ed., Illinois State Normal University, 1936; (Education)³
 Pyle, Claud Austin, B.Ed., Southern Illinois Normal University, 1942; (Physics)⁵
 Quick, James Howard, B.S., 1937; (Education)³
 Rafferty, Gertrude Therese, B.S., Mundelein College, 1937; (Zoology)⁵
 Reagan, Agnes Lytton, A.B., University of Arkansas, 1935, A.M., A.B.(Lib.), Emory University, 1936, 1939; (Library Science)⁵
 Reed, Mary-Alice, B.S., 1941; (Home Economics)
 Reeder, Marion Dale, B.S., 1938; (Education)
 Retzer, Janet Lucille, B.S., 1941; (Home Economics)
 Rippey, Opel Margaret, B.S., 1941; (Education)³
 Robey, Walter Earl, B.S., University of California, 1928; (Civil Engineering)¹
 Robinson, Jason Ellis, B.S., 1937; (Education)¹
 Rosentreter, Ella, B.S., Bradley Polytechnic Institute, 1936; (Education)
 Ross, Mabel Elizabeth, B.S., 1942; (Home Economics)
 Rossiter, Lewis James, A.B., 1935; (Surgery)⁴†
 Rowland, Ralph Lawrence, B.Chem., University of Minnesota, 1942; (Chemistry)⁵
 Samors, Josef Joel, D.D.S., 1927; (Oral Surgery)⁴†
 Sidebottom, Omar Marion, B.S., 1942; (Theoretical and Applied Mechanics)⁵
 Sister Mary Agnesene Wisdom, B.Ed., Illinois State Normal University, 1937; (Business Organization and Operation)³
 Sister Mary Viviana Roe, A.B., Rosary College, 1936; (Botany)¹
 Smith, Leonard Adrian, B.S., 1937; (Music Education)⁵
 Smith, Lyle Willard, B.S., 1942; (Physics)
 Smith, Paul Vergon, Jr., A.B., Miami University, 1942; (Chemistry)⁵
 Smith, Warren Harding, A.B., Colgate University, 1942; (Physics)⁵
 Snyder, Bette Jane, A.B., James Millikin University, 1942; (Bacteriology)⁵
 Sollars, Velna, B.Ed., Western Illinois State Teachers College, 1931; (Education)³
 Stern, Sidney Guy, B.S., University of Chicago, 1939; (Pathology)²†
 Stines, Paul, B.S., Hanover College, 1935; (Education)³
 Stitzel, Clarence Miller, B.S., 1912; (Education)
 Su, Tsai Shan, A.B., Northeastern University, 1934; (Economics)¹
 Taylor, Kelley Gaylen, B.Ed., Southern Illinois Normal University, 1937; (Chemistry)¹
 Teplitz, Zeld, B.S., University of Chicago, 1938; M.D., 1942; (Psychiatry)†
 Threlkeld, Marjorie Lee, B.S., University of Tennessee, 1941; (Home Economics)
 Tigrak, Mehmet Fuat, B.S., 1942; (Civil Engineering)
 Tokay, Mehmet Nejat, B.S., 1943; (Civil Engineering)⁵
 Tucker, Marie, A.B., Greenville College, 1936; (Zoology)⁵
 Turner, Charles William Oakey, B.S., University of London, 1923; (Civil Engineering)¹

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.
 †Conferred in Chicago.

Turner, Lucile, A.B., Butler University, 1929; A.M., University of North Carolina, 1930; B.S.(Lib.), 1939; (Library Science)
 Uyanik, Mehmet Ensar, B.S., 1942; (Civil Engineering)
 Van Eiten, Leslie Joseph, B.Ed., Western Illinois State Teachers College, 1937; (Education)
 Warfield, Charles Richard, B.S., 1940; (Agricultural Economics)³
 Waxler, William Lorne, B.S., 1932; (Education)³
 Weber, William Carl, Jr., B.S., 1938; (Education)³
 Wellshear, Elizabeth Jean, A.B., Drury College, 1936; B.S.(Lib.), 1940; (Library Science)³
 Wheeler, Samuel Crane, Jr., A.B., Miami University, 1942; (Physics)

White, Beatrice Jeannette, B.Ed., State Teachers College (Platteville, Wisconsin), 1935; (Mathematics)³
 White, Robert Stephen, A.B., Southwestern College, 1942; (Physics)⁵
 Whitehouse, Carl Everett, B.Ed., Illinois State Normal University, 1937; (Education)³
 Williams, Albert Jesse, B.S., Wiley College, 1938; (Education)³
 Wilmarth, Charles Earl, B.S., 1942; (Agronomy)⁵
 Wilson, Grace, B.S., 1931; (Architecture)³
 Wyman, Marvin Eugene, A.B., Saint Olaf College, 1942; (Physics)⁵
 Yavitz, Jerome Allen, B.S., 1942; (Education)¹
 Young, Viola Mae, B.S., Michigan State College, 1936; (Bacteriology)

Degree of Master of Music

Carey, Milburn Ernest, B.Mus., 1935³
 Demming, Lanson Frederick, B.Mus., University of Rochester, 1928³

Garrels, Austin Eugene, B.Mus., B.S., 1938³
 Iles, Bessie Munier, B.Mus., 1928

Degree of Master of Education

Sharpe, Donald Martin, A.B., Monmouth College, 1930; A.M., University of Chicago, 1935

Professional Degrees in Engineering

Degree of Civil Engineer

Gayton, Loran DeLancey, B.S., 1941
 Giesecke, Frederick Ernest, M.E., Agricultural and Mechanical College of Texas, 1890; B.S., Massachusetts Institute of Technology, 1904; Ph.D., 1924
 Glover, Vernon Leslie, B.S., 1920

Degree of Master of Architecture

Phillips, James David, B.S., 1893

Degree of Mechanical Engineer

Miles, John Clem, B.S., Missouri School of Mines and Metallurgy, 1931; M.S., 1940
 Swanson, Carl Gustaf Alexis, B.S., 1934

Degree of Doctor of Philosophy

(In the subjects shown in parenthesis)

Adams, Gail Dayton, Jr., B.S., Case School of Applied Science, 1940; M.S., 1942; (Physics)⁵
 Allen, Robert Eugene Barton, A.B., DePauw University, 1926; A.M., 1930; (English)⁵
 Ames, Alfred Campbell, A.B., University of Kansas, 1936; A.M., 1937; (English)¹
 Atchison, William Franklin, A.B., Georgetown College, 1938; A.M., University of Kentucky, 1940; (Mathematics)
 Baker, Philip Schaffner, A.B., DePauw University, 1938; A.M., University of Arkansas, 1939; (Chemistry)⁵
 Baldwin, George Curriden, A.B., Kalamazoo College, 1939; A.M., 1941; (Physics)
 Banes, Fred Wendell, B.Ed., Southern Illinois Normal University, 1940; (Chemistry)⁵
 Basolo, Fred, B.Ed., Southern Illinois Normal University, 1940; M.S., 1942; (Chemistry)⁵
 Bateson, Howard Lamoureux, A.B., John B. Stetson University, 1936; A.M., University of Texas, 1937; (French)⁵
 Best, Chris Edward, A.B., Marietta College, 1937; (Chemistry)¹
 Buchan, Leslie James, B.S., M.S., 1922, 1923; (Accountancy)¹
 Bushman, John Conrad, A.B., A.M., 1936, 1937; (English)⁵
 Caldwell, David Hume, B.S., University of California, 1938; M.S., 1940; (Engineering)¹

Cannon, George Wesley, A.B., Dakota Wesleyan University, 1939; M.S., 1941
 Carpenter, Stanley Sherman, A.B., Wheaton College, 1940; A.M., 1941; (Classics)
 Chase, Richard Golden, A.B., A.M., Dartmouth College, 1938, 1940; (Chemistry)⁵
 Chiddix, Max Eugene, B.Ed., Illinois State Normal University, 1940; M.S., 1942; (Chemistry)⁵
 Chow, Yee-Chuing, B.C.S., Fuh Tan University, 1927; (Accountancy)
 Coolsen, Mabel Goff, A.B., Knox College, 1931; A.M., 1932; (History)⁵
 Corlett, Dorothy Maxine, A.B., Rockford College, 1940; A.M., 1941; (History)⁵
 Dell, George Harper, B.S., C.E., Pennsylvania State College, 1922, 1926; M.S., 1931; (Engineering)
 Dilworth, Mary Louise, A.B., Knox College, 1936; A.M., 1938; (English)
 Drake, Stevens Stewart, B.S., M.S., Northwestern University, 1939, 1941; (Chemistry)⁵
 Elliott, John Raymond, B.S., Iowa State College, 1937; (Chemistry)
 Esworthy, Raymond Wayne, B.S., M.S., 1929, 1930; (Accountancy)⁵
 Fischer, LeRoy Henry, A.B., A.M., 1939, 1940; (History)¹
 Gallo, Salvatore George, A.B., Oberlin College, 1940; (Chemistry)
 Galston, Arthur William, B.S., Cornell University, 1940; M.S., 1942; (Botany)³

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

- Garber, John Douglas, B.S., Pennsylvania State College, 1940; (Chemistry)⁵
- Garvey, Neil Ford, B.S., M.S., 1924, 1928; (Political Science)⁵
- Gibson, Robert Wilder, A.B., Fort Hays Kansas State College, 1938; A.M., 1939; (Mathematics)
- Glick, Francis James, A.B., DePauw University, 1939; (Chemistry)⁵
- Hallman, Harold Frank, B.S., M.S., M.D., 1938, 1940, 1941; (Physiology)†
- Haines, William Joseph, A.B., Wabash College, 1940; (Chemistry)⁵
- Harding, Davis Philoon, A.B., George Washington University, 1937; A.M., 1941; (English)
- Hartweg, Hellmut Arthur Albin, A.B., 1936; A.M., Louisiana State University, 1937; (German)¹
- Hasek, Robert Hall, B.S., Pennsylvania State College, 1939; (Chemistry)¹
- Hicks, Georgina Lockie, B.Ed., Southern Illinois Normal University, 1938; A.M., 1939; (French)
- Inskeep, George Esler, B.S., Pennsylvania State College, 1940; M.S., 1941; (Chemistry)⁵
- James, Harold Preston, B.S., Ball State Teachers College, 1937; A.M., 1940; (History)
- Johnson, Julius Earl, Jr., A.B., University of Colorado, 1939; (Chemistry)¹
- Keizer, Clifford Richard, A.B., Hope College, 1939; M.S., 1941; (Chemistry)
- Kendrick, Edith Johnston, A.B., A.M., University of Texas, 1933, 1937; (Spanish)⁵
- Kidder, Glenn Ansel, A.B., 1939; (Chemistry)
- Klaiber, George Stanley, A.B., University of Buffalo, 1938; A.M., 1941; (Physics)⁵
- Kaiser, Leo Max, A.B., St. Louis University, 1940; A.M., 1941; (Classics)
- Kaplan, William, A.B., New York University, 1940; A.M., 1941; (Chemistry)⁵
- Klautsch, Adolph Albert, B.S., M.S., 1932, 1939; (Education)⁵
- Kneisley, Joseph Wayne, A.B., Miami University, 1939; M.S., 1941; (Chemistry)¹
- Kurtz, Lester Touby, B.S., Purdue University, 1938; M.S., 1940; (Agronomy)
- Lapsley, Janie Campbell, A.B., Agnes Scott College, 1934; M.S., University of Chicago, 1936; (Mathematics)
- Lockhart, Brooks Javins, A.B., Marshall College, 1937; M.S., West Virginia University, 1940; (Mathematics)⁵
- Lowell, Ralph Delavan, A.B., Greenville College, 1938; A.M., 1939; (Zoology)
- Maack, Arthur Charles, B.S., Rutgers University, 1936; M.S., 1938; (Dairy Husbandry)⁵
- Mayland, Bertrand Jesse, B.S., University of Wisconsin, 1940; M.S., 1942; (Chemistry)⁵
- Melsted, Sigurd Walter, B.S., North Dakota Agricultural College, 1938; M.S., Rutgers University, 1940; (Agronomy)
- Meltzer, Robert Israel, B.S., College of the City of New York, 1939; M.S., Ohio State University, 1940; (Chemistry)⁵
- Muehlhause, Carl Oliver, B.S., University of Virginia, 1940; M.S., 1941; (Physics)
- Mueller, George Peter, III, B.S., M.S., University of Nebraska, 1940, 1941; (Chemistry)⁵
- Novak, Leo Joseph, A.B., M.S., 1935, 1939; (Physiological Chemistry)^{4†}
- Pish, George, B.S., Central Y.M.C.A. College, 1940; (Chemistry)
- Powell, Dwight, A.B., A.M., 1933, 1936; (Entomology)
- Robinson, John Cutler, Jr., B.S., Boston University, 1939; (Chemistry)
- Robinson, Willard Bancroft, B.S., Pennsylvania State College, 1940; M.S., 1942; (Animal Nutrition)⁵
- Rowland, Stanley Paul, B.Chem., University of Minnesota, 1938; (Chemistry)¹
- Rumble, Heber Eliot, A.B., Oakland City College, 1924; A.M., 1933; (Education)⁵
- Russell, Harris Livingston, A.B., A.M., University of Oklahoma, 1937, 1939; (Classics)¹
- Schertz, Glenwood Louis, B.S., M.S., 1934, 1938; (Chemistry)
- Schlegel, Richard, Jr., A.B., University of Chicago, 1935; A.M., State University of Iowa, 1936; (Chemistry)
- Severens, James Madison, B.S., Michigan State College, 1935; M.S., 1939; (Bacteriology)
- Shekleton, Joseph Francis, B.S., St. Ambrose College, 1940; M.S., 1941; (Chemistry)⁵
- Silbergeld, Sam, B.S., M.S., 1939, 1941; (Chemistry)⁵
- Silcox, Herbert Ernest, B.S., M.S., University of New Hampshire, 1936, 1939; (Chemistry)
- Sister Mary Benoit Holahan, A.B., A.M., Loyola University, 1919, 1924; (English)⁵
- Skoog, Douglas Arvid, B.S., Oregon State College, 1940; (Chemistry)⁵
- Smith, Curtis William, B.Ed., Southern Illinois Normal University, 1940; (Chemistry)⁵
- Soper, Quentin Francis, B.Chem., University of Minnesota, 1940; (Chemistry)⁵
- Southwick, Philip Lee, A.B., A.M., University of Nebraska, 1939, 1940; (Chemistry)
- Sparks, Meredith Morgan, A.B., A.M., Rice Institute, 1938, 1940; (Chemistry)
- Stinson, Charles Henry, B.S., M.S., 1933, 1941; (Agronomy)
- Theobald, Clement Walter, A.B., A.M., University of Nebraska, 1939, 1940; (Chemistry)
- Thomasson, Arnold Lee, A.B., Western Kentucky State Teachers College, 1925; A.M., George Peabody College, 1928; (Education)¹
- Veraguth, Arnold John, A.B., Wabash College, 1937; M.S., Purdue University, 1939; (Chemistry)
- Voris, Robert Sites, B.S., Pennsylvania State College, 1940; (Chemistry)⁵
- Warner, Donald Theodore, A.B., Hope College, 1939; (Chemistry)
- Weast, Robert Calvin, B.S., Mt. Union College, 1938; M.S., Syracuse University, 1940; (Chemistry)⁵
- Welton, Theodore Allen, B.S., Massachusetts Institute of Technology, 1939; (Physics)
- Westerlund, Bernice Virginia, A.B., Whitman College, 1940; A.M., 1941; (Economics)
- White, Alvin Charles, A.B., Augustana College, 1933; A.M., University of Iowa, 1935; (Economics)
- Whitson, John Walter, Jr., B.S., Beloit College, 1939; M.S., 1941; (Chemistry)
- Wilkinson, Joseph Marion, Jr., B.Ed., Southern Illinois Normal University, 1938; M.S., 1940; (Chemistry)
- William, Henry Hay, II, A.B., Haverford College, 1938; A.M., Brown University, 1939; (Philosophy)¹
- Winsche, Warren Edgar, B.Ch.E., Polytechnic Institute of Brooklyn, 1939; M.S., University of Rochester, 1940; (Chemistry)
- Yarborough, Victor Anthony, A.B., Sioux Falls College, 1939; (Chemistry)
- Yee, Wai-Yum, B.S., Lingnan University, 1940; M.S., Massachusetts Institute of Technology, 1941; (Engineering)

For meanings of asterisks and superior numerals, see explanation at the beginning of this list.

†Conferred in Chicago.

HONORS AWARDED AT GRADUATION IN 1943

College of Liberal Arts and Sciences

- Adams, Robert McLean, with High Honors in Chemical Engineering
- Albin, Lucille Marie, with Honors in Bacteriology
- Asselin, George Francis, with Highest Honors in Chemical Engineering
- Atzenhoffer, Phyllis Jane, with High Honors in Sociology
- Bardolph, Marinus Peter, with High Honors in Chemistry
- Baron, Rose Ann, with Honors in Sociology
- Baron, Thomas, with High Honors in Chemical Engineering
- Bengelsdorf, Irving Swem, with Highest Honors in Chemistry
- Benson, Martha Blanks, with Highest Honors in English
- Bierman, Thelma Marie, with Highest Honors in History
- Bijak, Lorraine Helen, with High Honors in History
- Black, Wilma Jeanette, with High Honors in German
- Bonnett, Jennie Mae, with Highest Honors in Bacteriology
- Brophy, Edmond Michael, with Highest Honors in Chemistry
- Brown, Marcia Roberta, with Honors in Sociology
- Brown, Patricia, with High Honors in French
- Dale, Wesley John, with Highest Honors in Chemistry
- Daniels, George Herbert, with Honors in Chemical Engineering
- Davis, Horace Raymond, Jr., with Highest Honors in Chemistry
- Dees, Joe, with Highest Honors in History
- Dismore, Paden Fasold, with High Honors in Chemistry
- Donovan, Jeanne Adele, with Highest Honors in French
- Drew, Clifford Lee, with Honors in Mathematics
- Duewer, Dorothy Deane, with High Honors in Mathematics
- Eggers, David Frank, Jr., with Highest Honors in Chemistry
- Erickson, John Leonard, with High Honors in Chemical Engineering
- Faulkner, Esther Claudine, with Honors in Mathematics
- Feehan, Joseph Alphonse Patrick, with High Tutorial Honors in English and Highest Honors in History
- Finne, Fred Ronald, with Honors in Sociology
- Foran, Zoe, with High Honors in Bacteriology
- Freireich, Cecile, with Highest Honors in History
- Friedman, Dorothy Diana, with Highest Honors in Psychology
- Gibson, Lowell Charles, with Highest Honors in Chemical Engineering
- Gore, Eunice Shirley, with High Honors in English
- Green, Virginia Arlene, with Honors in Sociology
- Greening, Harry Glenn, with Honors in Chemical Engineering
- Hance, Charles Robert, with Honors in Chemistry
- Harjes, Clarence Frank, with Honors in Chemistry
- Harris, Ealon Roberta, with Highest Honors in Chemistry
- Harvey, Jack Victor, with Honors in Chemistry
- Hedrick, Ross Melvin, with Highest Honors in Chemistry
- Hocfle, Milton Louis, Jr., with Highest Honors in Chemistry
- Hoger, Mary Jane Hill, with Honors in Latin
- Huffman, Evelyn Maxine, with High Honors in Political Science
- Huffman, Duane Lamson, with Honors in Chemistry
- Jacob, Jean, with Highest Honors in Latin
- Johnson, Dorothy Bernice, with Highest Honors in Geology
- Jungé, James Francis, with High Honors in Chemical Engineering
- Kallal, Robert John, with Highest Honors in Chemical Engineering
- Kane, Rosaline Ruth, with High Honors in French
- Kanitz, Edwin Henry, with Honors in Chemical Engineering
- Kirby, Oliver Rae, with Highest Honors in Chemistry
- Knell, Martin, with Highest Honors in Chemical Engineering
- Krachenbuehl, John David, with High Honors in German
- Leavenworth, Martha MacGalliard, with Highest Honors in Botany
- Lenke, Catherine Elizabeth, with Honors in Bacteriology
- Livesay, Frances Patty, with Highest Honors in Chemistry
- Lukman, Genevieve Carolyn, with Honors in Botany
- Maker, Walter Joseph, with Honors in Chemistry
- Mann, Ronda Layer, with Honors in Sociology
- Mathews, Mitford McLeod, with Highest Honors in Mathematics
- McLaughlin, Dean Edwin, with High Honors in Zoology
- McWethy, Suzanne, with High Honors in Spanish
- Mondhink, Harry Ray, with Honors in Political Science
- Mosher, James Courtney, with Honors in History
- Myers, Noel Warren, with High Honors in Chemical Engineering
- Nommensen, Erwin Ward, with High Honors in Chemistry
- Notestein, Robert Bruce, with Honors in Sociology
- Oesterling, William Arthur, with Highest Honors in Geology
- O'Neil, Veronica Joan, with High Honors in Sociology
- Parker, Edwin Scott, with Honors in Geology
- Parrish, Joan Leigh, with Highest Honors in French
- Paulschock, Marvin, with Highest Honors in Chemistry
- Paxton, Ralph Robert, with Highest Honors in Chemical Engineering
- Pederzoli, Saleska Rose, with Highest Honors in Botany
- Perry, Sara Claudine, with Highest Honors in Latin
- Pierce, Mary Jeanne, with High Honors in Sociology
- Piersol, Grace Louise, with Honors in Mathematics
- Poore, Gretchen Lenore, with Highest Honors in Psychology
- Pratte, Homer Earl, with Honors in Chemical Engineering
- Priestley, Lorna Hanselman, with High Honors in Home Economics
- Proehl, Elsa Caroline, with High Honors in Chemistry
- Rarick, Joseph Francis, with Highest Honors in Political Science

Reardon, William John, Jr., with High Honors in Political Science
 Reid, Stuart Joseph, with Highest Honors in Chemistry
 Reppen, Harold Earl, with Honors in Chemical Engineering
 Ritman, Richard Louis, with Honors in Political Science
 Robinson, Alice Alden, with Highest Honors in English
 Roller, George Granville, with Highest Honors in Chemistry
 Rzepecki, Edward Louis, with Honors in Chemical Engineering
 St. John, Robert Campbell, with Highest Honors in Chemical Engineering
 Samuel, Albert Hermann Arjeb, with High Honors in Chemistry
 Shaff, Ruth Virginia, with Highest Honors in Mathematics
 Schnitzer, Ruth Charlotte, with Honors in Sociology
 Scott, Doris Eleanor, with Highest Honors in History
 Searls, Virginia Williams, with High Honors in History
 Seed, Peggy Rae, with Honors in Bacteriology
 Shuman, Nicholas Roman, with High Honors in English
 Sit, Hong Chan, with Highest Honors in Chemistry

Smashy, Mary Esther, with High Honors in French
 Smith, Walter Thomas, Jr., with Honors in Chemistry
 Stevenson, Mary Margaret, with High Honors in English
 Swain, Henry Huntington, with Highest Honors in Chemistry
 Thompson, Robert David, with Highest Honors in Chemistry
 Virgilio, Theodore Carmen, with High Honors in Chemical Engineering
 Von Fossen, Claranne, with High Honors in Psychology
 Walker, John Robert, with Honors in Chemistry
 Wandling, Harold Sylvester, with High Honors in Chemical Engineering
 Ward, Herbert Monus, with Honors in Chemical Engineering
 Wexler, Sol, with Honors in Chemistry
 White, Phyllis Muriel, with Highest Honors in Spanish
 Williamson, Alice Virley, with Honors in History
 Willoughby, Jacqueline Anne, with High Honors in Psychology
 Wilson, Richard Clay, with Highest Honors in Chemical Engineering
 Yapp, Gordon William, with Honors in History

College of Commerce and Business Administration

Biegler, John Charles, with Honors in Accountancy
 Block, Robert Leon, with Honors in Accountancy
 Brown, Kenneth Harold, with Honors in Marketing
 Buys, Clifford Richard, with Honors in Banking and Finance
 Frazee, Lawrence Eugene, with Honors in Accountancy
 Frisch, Marvin William, with High Honors in Management
 Greenwood, Joseph Martin, with Honors in Marketing
 Hensold, Harold Hartman, Jr., with Honors in Accountancy
 Hicks, Allan Charles, with Honors in Accountancy
 Hunter, John Merlin, with Honors in Economics
 James, Robert Minor, with Honors in Management

Jecha, Irwin, with Honors in Accountancy
 Johnson, William Eugene, with Honors in Accountancy
 Karcher, William Charles, with Honors in Accountancy
 Mezner, Edward, with High Honors in Accountancy
 Mitchell, Robert Donald, with Honors in Management
 Shea, John Frederick, with High Honors in Management
 Thode, Everett Wayne, with Honors in Management
 Van Ormer, Margery Lynne, with Honors in Accountancy
 Weightman, Donald William, with Honors in Marketing
 Whisnant, Lewis Edwin, with Honors in Accountancy
 Wolfard, Rodney Bishop, with Honors in Management, Economics and Marketing

College of Engineering

Aiken, Hector Hunter, with Honors in Mechanical Engineering
 Baker, Silveus Monroe, with High Honors in Mechanical Engineering
 Bareither, Harlan Daniel, with High Honors in Mechanical Engineering
 Bechly, Dan Smiley, with Honors in Civil Engineering
 Bell, John Albert, with Honors in Metallurgical Engineering
 Bohman, Raymond Harold, with High Honors in Mechanical Engineering
 Clinton, Harold, with High Honors in Civil Engineering
 Dluzen, Edward Roman, with Honors in Electrical Engineering
 Epstein, Sidney, with High Honors in Civil Engineering
 Freeland, Paul Alexander, with Honors in Electrical Engineering
 Gailus, Walter Joseph, with High Honors in Mechanical Engineering
 Henningsen, Allen M., with High Honors in Mechanical Engineering

Henry, Donald Lewis, with High Honors in Electrical Engineering
 Hintz, Otto Edward, with High Honors in Mechanical Engineering
 Johnson, Otto Eugene, with Honors in Agricultural Engineering
 Jones, Delbert Warren, Jr., with Honors in Electrical Engineering
 Kesler, Clyde Ervin, with High Honors in Civil Engineering
 Kohnert, Arnold Fred, Jr., with Honors in Civil Engineering
 Leavitt, Sheldon Joseph, with High Honors in Civil Engineering
 Lindahl, Willard Arnold, with High Honors in General Engineering
 Lippincott, Ralph Leon, with Honors in Mechanical Engineering
 Long, George McRoberts, with Honors in Mechanical Engineering
 Longmire, Conrad Lee, with High Honors in Engineering Physics
 Luza, James Joseph, with Honors in Mechanical Engineering

Mareneck, William Adolph, with High Honors in Mechanical Engineering
 Mays, George Elmore, with Honors in Mechanical Engineering
 Mueller, Erwin Ferdinand, Jr., with Honors in Civil Engineering
 Muirheid, Benjamin Franklin, with Honors in Agricultural Engineering
 Munie, Delmer Edward, with Honors in Mechanical Engineering
 Opperman, Kenton Carl, with Honors in Mechanical Engineering
 Randall, Robert Henry, with Honors in Civil Engineering
 Ritchard, Clarence Junior, with Honors in Mechanical Engineering
 Ruud, Harry Bernard, with High Honors in Electrical Engineering
 Schacht, Otto William, Jr., with High Honors in Civil Engineering
 Schmidt, Oliver Robert, with Honors in Mechanical Engineering

Schnitzer, Emanuel, with High Honors in Mechanical Engineering
 Schott, Gene David, with High Honors in Engineering Physics
 Schuder, John Claude, with High Honors in Electrical Engineering
 Simmons, Paul Alexander, Jr., with High Honors in Mechanical Engineering
 Staben, Carl Williams, with Honors in Mechanical Engineering
 Thing, Robert Layton, with Honors in Electrical Engineering
 Tuell, Robert Gerry, with High Honors in Mechanical Engineering
 Welsh, Lloyd Byron, with Honors in Mechanical Engineering
 Wong, Homer Shung, with High Honors in Civil Engineering
 Worley, Will Junior, with Honors in Mechanical Engineering
 Yurenka, Steven, with High Honors in Mechanical Engineering

College of Agriculture

Baron, Robert Harrison, with Honors in Dairy Technology
 Barrett, Lois Marian, with Honors in Home Economics
 Beal, Loren Wayne, with Highest Honors in Agriculture
 Bean, Frances Marguerite, with Honors in Home Economics
 Bebb, Robert VanArsdale, with Honors in Floriculture
 Blume, Doris Evelyn, with Honors in Home Economics
 Boudreau, Maynard Lawrence, with Honors in Agriculture
 Boyle, Francis Albert, with Highest Honors in Agriculture
 Burd, Julia Frances, with High Honors in Home Economics
 Busiek, Angie, with Honors in Home Economics
 Canham, LaVerne Emory, with Honors in Agriculture
 Davies, James Robert, with Honors in Agriculture
 Durbin, Paul Eugene, with High Honors in Agriculture
 Ellis, Harold Harlan, with Honors in Vocational Agriculture
 Engel, Harry Edward, with Honors in Agriculture
 Espy, Mary Louise, with Honors in Nutrition and Dietetics
 Geeseman, Gordon Earle, with Honors in Agriculture
 Gehle, Marion Elizabeth, with Honors in Home Economics
 Grigsby, Juanita Zimmerman, with Honors in Home Economics
 Harris, Richard Fielding, with Honors in Agriculture
 Hartshorn, Willard Glenn, with Honors in Agriculture
 Hemp, Paul Edwin, with Highest Honors in Agriculture
 Hershman, Gordon Leith, with Honors in Agriculture
 Hill, Ellen Terry, with Honors in Home Economics
 Hinton, Robert Stanley, with Honors in Agriculture
 Holacher, Anna Elizabeth, with Honors in Home Economics
 Holbert, Robert Wallace, with Honors in Agriculture
 House, Ray Warren, with Honors in Agriculture
 Huber, May Olive, with High Honors in Home Economics

Janssen, Melvin Russell, with High Honors in Agriculture
 Johnson, Donald Ross, with Honors in Agriculture
 Kane, Mitchell George, with High Honors in Agriculture
 Kennedy, William Earnest, with Highest Honors in Agriculture
 Lewis, John Morgan, with Honors in Agriculture
 Long, Robert Franklin, with Honors in Agriculture
 McKean, Marjorie Mae, with Honors in Home Economics
 Miller, Helen Ann, with Honors in Home Economics
 Moore, Deborah Cole, with Honors in Home Economics
 Mowery, Robert Wayne, with Honors in Agriculture
 Nelson, Warren Christian, with High Honors in Agriculture
 Nesheim, Robert Olaf, with Highest Honors in Agriculture
 Nolan, William Joseph, with High Honors in Agriculture
 Parks, Donald Ivan, with Honors in Agriculture
 Peters, Ruth Marie, with High Honors in Home Economics
 Peterson, Walter John, with Highest Honors in Agriculture
 Ranck, Evelyn Elwell, with Honors in Home Economics
 Ravelly, Nellie Agnes, with High Honors in Home Economics
 Ray, Burton Wiley, with Highest Honors in Agriculture
 Rayburn, Roland Cecil, with Honors in Agriculture
 Rice, Sherman Theodore, with Highest Honors in Agriculture
 Roll, William Arnold, with Honors in Agriculture
 Romersberger, Richard George, with Honors in Agriculture
 Routh, Helen Marie, with Honors in Home Economics
 Schlumpf, Henry, with Honors in Agriculture
 Slane, Ronald Franklin, with High Honors in Agriculture
 Smiley, Curtis Lee, with Honors in Agriculture
 Smith, Allen Glen, with Highest Honors in Agriculture
 Smith, Arnold Harry, with Highest Honors in Agriculture
 Stephenson, James Raymond, with Honors in Agriculture

Stevenson, Ernest Vail, *with Highest Honors in Agriculture*
 Swanson, Earl Raymond, *with Highest Honors in Agriculture*
 Switzer, Ralph Vincent, *with Honors in Agriculture*
 Taphorn, Joseph Bernard, *with Honors in Agriculture*
 Trone, Glen Ephraim, *with High Honors in Agriculture*
 Vogt, Leonard William, *with High Honors in Agriculture*

Walker, Doris Anne, *with Honors in Home Economics*
 Wellford, Roberta Prothro, *with Honors in Nutrition and Dietetics*
 Wheeler, Walter Lewis, *with Honors in Agriculture*
 Wieggers, George William, Jr., *with Highest Honors in Agriculture*
 Wynn, Barbara Jean, *with Honors in Home Economics*

College of Education

Eyerly, Jack Lyle, *with Honors in Mathematics*
 Marr, Edna Eudora, *with Honors in English*
 Novak, Rudy, *with Honors in Education and Physical Education*
 Steck, Margaret Anne, *with Honors in Spanish*

Stephens, Dorothy Eileen, *with Honors in Spanish*
 Stippes, Marvin Clifford, *with High Honors in Mathematics*

College of Law

Curtis, Alice Irene, *with Honors*
 Reichelderfer, Frank Albert, *with Honors*
 Schneider, Clifford Eugene, *with Honors*

Walker, Norman, *with Honors*
 White, Robert Hughson, *with Honors*
 Wilbourn, Dorothy Maxine, *with Honors*

College of Fine and Applied Arts

Baker, Jack Sherman, *with Honors in Architecture*
 Bennett, Marjorie Lucille, *with Honors in Music Education*
 Champion, Wayne Edwin, *with Honors in Industrial Design*
 Forsberg, Carl Earl, *with Honors in Music and Music Education*
 Gerding, Earl Thomas, *with Honors in Architecture*
 Harriman, Grace, *with Honors in Music Education*
 Jones, Frances, *with High Honors in Music*
 Kaplan, David, *with High Honors in Architecture*
 Kraehenbuehl, John David, *with High Honors in Music*
 Krusemark, Corinne Annette, *with High Honors in Painting*
 Landes, Thomas Nelson, Jr., *with Honors in Architectural Engineering*
 Little, Mary Lou, *with Honors in Music*
 Marsh, Audrey Beese, *with Honors in Music*
 Millett, Norman Charles, *with High Honors in Architectural Engineering*

Mitchel, Pauline, *with High Honors in Music Education*
 Pagliarulo, Flora Grace, *with High Honors in Commercial Design*
 Pieper, Jacqueline Marie, *with Honors in Industrial Design*
 Pinnell, Minerva, *with High Honors in Art Education*
 Potter, William Gray, *with Honors in Architectural Engineering*
 Schaefer, Jeanette, *with High Honors in Art Education*
 Schroeder, Marianna Margaret, *with High Honors in Architectural Engineering*
 Shedd, Milton Campbell, *with High Honors in Architectural Engineering*
 Stadfield, Donald John, *with Honors in Music Education*
 Taylor, Alfred Dean, *with Honors in Architectural Engineering*
 Werstler, Joan Edna, *with Honors in Commercial Design*
 Wittenberger, Marjorie Bess, *with Honors in Art Education*

Library School

Augustus, Harriet Field, *with Honors*
 Bloomer, Gertrude Evelyn, *with Honors*
 Clark, Virginia Florence, *with High Honors*
 Giezentanner, Marguerite, *with High Honors*
 Harlan, Ethel Rose, *with Honors*
 Hudson, Roseanne, *with High Honors*

Kravicik, Aida Rose, *with Honors*
 Lively, Gladys Margaret, *with Honors*
 Morrison, Esther A., *with High Honors*
 Raulins, Ida Elizabeth, *with Honors*
 Schulze, Mildred Eleanor, *with Honors*
 Zell, Rosemary Ann, *with Honors*

School of Journalism

Cameron, Eileen Enza, *with Honors*

Dyer, Edith May, *with Honors*

School of Physical Education

Bergeson, Raymond Alfred, *with High Honors*

College of Medicine

Auten, Donald Seymour, *with High Honors*
 Bonnett, Dovell Nicholas, *with Honors*
 Carroll, Thomas Thurlow, *with Honors*
 Deutsch, David Louis, *with Honors*
 Doerscheln, Wilbur John, *with Honors*
 Elisberg, Edward Ira, *with High Honors*
 Franzblau, Sanford Asher, *with Honors*

Gamm, Stanford Ralph, *with High Honors*
 Govostis, Michael Costas, *with Honors*
 Guyton, Willard Arthur, Jr., *with Honors*
 Haeger, Reed Ross, *with Honors*
 Johnson, Chester David, *with Honors*
 Johnson, Fernly Eldo, *with Honors*
 Kahn, Harry S., *with High Honors*

Lambrecht, Paul Benjamin, *with Honors*
 Leonard, Morton Harry, *with High Honors*
 Lipton, Barbara Steiner, *with Honors*
 Lis, Edward Francis, *with Honors*
 Marienfeld, Carl Joseph, *with Honors*
 Mason, Alfred Barr, *with Honors*
 Merrill, Joseph Grant, *with Honors*
 Mikolas, Donald Glenn, *with Honors*
 Moy, Grant Gay, *with Honors*
 Mrazek, Phyllis Therese, *with Honors*
 Nalefski, Lester August, *with Honors*

O'Neill, Colman Jerome, *with Honors*
 Reis, Fritz, *with High Honors*
 Rose, William Robert, *with Honors*
 Salk, Melvin Raymond, *with Honors*
 Schafer, Etheldred Louise, *with Honors*
 Shulruff, Eli, *with Honors*
 Siegel, Alfred Lewis, *with Honors*
 Sinow, Garland Stanley, *with Honors*
 Waddington, Harry Kenneth, *with Honors*
 Weir, James Robert, *with Honors*

College of Pharmacy

Hawkins, Edward Charles, *with Honors*
 Neiditch, Oscar Walter, *with High Honors*

Sebek, Roy Otto, *with Honors*
 Sister Mary Josepha Zwierzycki, *with Honors*

PRIZES AWARDED IN 1943

Colleges and Schools at Urbana

Alpha Chi Sigma Plaque in Chemistry
 Dale Herman Teel

Alpha Delta Sigma Plaque in Journalism
 Robert Morton Stelzer

Alpha Kappa Psi Scholarship Medallion in
 Commerce
 John Merlin Hunter

Alpha Lambda Delta Prize
 Phyllis Muriel White

Alpha Rho Chi Medal in Architecture
 Henry Theodore Gray

Alpha Zeta Key in Agriculture
 George Harold Perbix

American Institute of Architects School Medal
 and Prizes
 Earl Thomas Gerding, *Medal and First Prize*
 David Kaplan, *Second Prize*

American Institute of Mining and Metallur-
 gical Engineers Prizes
 Jun Hino, *Graduate Prize*
 Marcellio Maurão Guimarães, *Undergraduate
 Prize*

American Legion Auxiliary (Illinois) Awards

January:
 James Harold Fisher
 Charles Francis Fry

May:
 Lindell Howard VanDyke
 Robert Stephen Foote

American Legion Auxiliary (Champaign)
 Awards

January:
 Edwin Norman Gunn

May:
 Kenneth Robert Brunn

American Legion Auxiliary (Urbana) Awards

January:
 Everett Leo Shostrom

May:
 Jack Lee Felsman

American Legion Medals

January:

Erwin Risley Brigham
 Harold Lee Jones
 Lyle Edgar Lanning
 Theodore Ross MacKechnie
 Alfred William Solbrig, Jr.
 Philip Christian Zimmerly

May:

Paul Cullen Bradford
 Richard Louis Conklin
 George Harold Perbix
 Howard Frank Sitka
 Marvin Slomack
 Lucian Waller Wilkes

American Society of Civil Engineers Awards

Central Illinois Section:

Erwin Ferdinand Mueller
 Marianna Margaret Schroeder
 Isaac Sterling Snyder

Illinois Section:

Hilmar Barman Christianson, Jr.

American Society of Mechanical Engineers
 (Central Illinois Section) Prizes

Fred Lewis Kahl, *First*
 Peter Robert Noling, *Second*
 Walter Joseph Gailus, *Third*

Baker Prizes in Civil Engineering

Otto William Schacht, *First*
 Homer Shing Wong, *Second*

Beta Gamma Sigma Cup in Commerce

William Richard Fifer

Cavalry Medals

January:

Erwin Risley Brigham

May:

Howard Frank Sitka

Chicago Tribune Awards for Military Merit
 (Men)

February:

Donald Calvin Miller, *Gold Medal*
 Bert Grover Lichtenstein, *Silver Medal*
 William Richard Fifer, *Bronze Medal*

Chicago Tribune Awards for Military Merit
(Women)

May:
 Patricia Haines Gay, *Gold Medal*
 Barbara Camp, *Silver Medal*
 JoAnne Booker, *Bronze Medal*

Chi Omega Prize in Sociology
Veronica Joan O'NeilClark Prize (Phi Eta Sigma)
Wallace Storton Frank

Daughters of the American Revolution Prizes

January:
 James Harold Fisher

May:
 Lindell Howard VanDyke

Commerce Dean's Award
 John Charles Biegler
 Lawrence Eugene Frazee
 John Merlin HunterDelta Theta Epsilon Trophy in Physical
Education
Raymond Alfred Bergeson

Field Artillery Trophies (Connor Cups)

January:
 Robert Minor James
 Harry Scheidy Everett, Jr.
 James Nelson Cummins

May:
 William Leo Nelson
 Frederick Robert Wunder
 Vernon LaMarr Guynn

Gamma Sigma Delta Prize in Agriculture
Ernest Vail Stevenson

Grand Army Memorial Saber

January:
 Lindell Howard VanDyke

May:
 William Riley Pampe

Green Moot-Court Competition Award
Robert Arthur EagleHarker Prizes in Law
 Robert Hughson White
 Robert William McDonald

Hazelton Medals in Military Science

January:
 Melvin Potter Straus

May:
 Kenneth Wayne Anderson

Home Economics Club Cup
Phyllis Ione MyersIntercollegiate Conference Medal
Edwin Scott ParkerIota Sigma Pi Prize in Chemistry
Frances Patty LivesayKappa Delta Pi Award in Education
Jack Lyle EyerlyKate Neal Kinley Memorial Fellowship in the
Fine Arts

Justine Emerson Fuller, A.B.,
 Colorado College, 1939

Dean Maria Leonard Prizes
Phyllis Muriel White
Alberta Carol Menzel

Omega Beta Pi Prizes in Pre-Medical Work

Joseph Michael Kiely, *Trophy*
 Ralph Pacini, Jr., *Scholarship*

Omicron Nu Plaque in Home Economics

Ruth Marie Peters

Pershing Rifles Award
Lucian Waller WilkesPhi Beta Kappa Scholarship
La Verne Eric AndersonPhi Chi Theta Key in Commerce
Adele DeWerff StevensPhi Lambda Upsilon Cup in Chemistry
August Joseph UttichPi Kappa Lambda Award in Music
Miriam Ruth Thrall

Plym Prizes in Architecture

Architectural Engineering:
 Norman Charles Millett, *First*
 William Emory Kellam, *Second*
 Roland Harvey Dagit, *Third*

Sketch Problems:
 Howard Lee White

Summer Sketches:
 Joseph Thomas Bear, Jr.

Ricker Prizes in Architecture
 Robert Henry Theis, *First*
 Evan McGlaun Terry, *Second*
 William Jontz Stoutenburg, *Third*Scarab Medals in Architecture
 William Berger Sayre
 Robert Paul Simon
 Earl Layton FlanaganScarab Medal in Architectural Engineering
Paul Carl BrandtSigma Delta Chi Awards in Journalism
 Eileen Enza Cameron
 William Jolley Drake
 Edith May Dyer
 Betty Lou Gibson
 Joan Joiner

Citation of Achievement:
 Kenneth Elgin Herron

Signal Corps Medals and Insignia

January:
 James Elmer Ward
 Alfred William Solbrig, Jr.
 Kenneth Robert Brunn

May:
 Alfred William Solbrig, Jr.
 Walter Philip Jones
 Kenneth Wayne Anderson

Sinai Temple Scholarship

Eden Nicholas

Spanish War Veterans Auxiliary Award

Everett Leo Shostrom

Theta Sigma Phi Award in Journalism

Norma Alice Adams

United States Coast Artillery Association Medal

Richard Lutley Diemer

United States Field Artillery Association Medals

January:

Daniel Joseph Perrino

May:

Francis Marion Wright

University Gold Medals in Military Science

January:

Theodore Ross MacKechnie

May:

Alfred William Solbrig, Jr.

Veterans of Foreign Wars Auxiliary Awards

January:

James Valentine Ryan

May:

John Glenn Schnizlein, Jr.

Colleges in Chicago

Alpha Omega Alpha Membership Awards in Medicine

Irwin Dvore

Sanford Asher Franzblau

Shervert Hughes Frazier

Willard Arthur Guyton, Jr.

Mervin Robert Harris

Chester David Johnson

Fernly Eldo Johnson

Edward Francis Lis

Carl Joseph Marienfeld

Joseph Grant Merrill

Phyllis Therese Mrazek

Colman Jerome O'Neill

Melvin Raymond Salk

Etheldred Louise Schafer

Morton Schaffran

Eli Shulruff

Alfred Lewis Siegel

Jean Lewis Stoelting

Harry Kenneth Waddington

Certificate of Merit of the American Society for the Promotion of Dentistry for Children

Alfred Nadel

Herman Elich Prize in Chemistry

Oscar Walter Neiditch

William Gray Prize in Pharmacy

Edward Charles Hawkins

Illinois Dental Club of New York Award

Alfred Nadel

Frederick B. Noyes Seminar Prize in Dentistry

Aubrey Morton Lauterstein

Wilbert Faermark

Julius Bud Menzin

Alfred Nadel

Omicron Kappa Upsilon Membership Awards in Dentistry

Alfred Nadel

Leo Harold Rudich

Harold Eldon Grundset

Ewart Frederick Berry

John Fitch Arnold

Robert Muni Katz

Rho Chi Prize in Pharmacy

Oscar Walter Neiditch

Andrew Scherer Prize in Pharmacy

Roy Otto Sebek

Sigma Xi Prize

Alene Freudenheim Silver

GRADUATE SCHOLARS AND FELLOWS

1943-1944

- Adams, Clark Edwards, *Fellow in Chemistry* (SFW)*
- Anderson, Elizabeth, *Fellow in Zoology* (FW)
- Aycock, Benjamin Franklin, Jr., *Fellow in Chemistry* (FW) (Resignation effective February 1, 1944)
- Bailey, Betty Ann, *Scholar in Chemistry* (Nominee of James Millikin University) (FW)
- Basolo, Fred, *Fellow in Chemistry* (SS)
- Bricker, Mildred Lavern, *Fellow in Animal Nutrition* (SFW)
- Budna, Anna Elizabeth, *Scholar in English* (Nominee of Rosary College) (FW)
- Canham, Doris Allene, *Scholar in History* (Nominee of Northern Illinois State Teachers College) (FW)
- Chess, Stephen John, *Fellow in Surgery* (12 months) (Resignation effective April 1, 1944)
- Chiddix, Max Eugene, *Fellow in Chemistry* (SS)
- Den Herder, Marvin, Jr., *Fellow in Chemistry* (FW) (Resignation effective May 1, 1944)
- DeVries, John Edward, *Aeration Processes Fellow in Chemistry* (FW)
- Dickman, Marion Lund, *Coca Cola Fellow in Chemistry* (SF)
- Enos, Herman Isaac, Jr., *Eli Lilly Fellow in Chemistry* (FW)
- Fiess, Harold Alvin, *Fellow in Chemistry* (SF)
- Fischer, Robert Blanchard, *National Lead Association Fellow in Chemistry* (SS)
- Friend, Helen, *Scholar in Mathematics* (FW)
- Galston, Arthur William, *Fellow in Botany* (SS) (Resignation effective August 1, 1943)
- Garber, John Douglas, *Fellow in Chemistry* (SS)
- Haines, William Joseph, *Fellow in Chemistry* (SS)
- Harper, Josephine Louise, *Fellow in History* (FW)
- Hasbrouck, Frank, Jr., *Fellow in Entomology* (FW)
- Hillis, Mary Olive, *Fellow in Chemistry* (FW)
- Hooper, Irving R., *DuPont Fellow in Chemistry* (FW) (Resignation effective April 24, 1944)
- Howson, John Arthur, *Fellow in Chemistry* (SF)
- Hubbard, Paul Gaylord, *Scholar in History* (FW)
- Johnson, Philip Colony, *Fellow in Chemistry* (SS)
- Kauffman, Harry Frey, Jr., *Fellow in Chemistry* (SF)
- Kaye, Wilbur Irving, *National Lead Association Fellow in Chemistry* (SS)
- Knobloch, Marie Bertha, *Scholar in Chemistry* (FW)
- Koch, Herman William, *Fellow in Physics* (SF)
- Kremers, Howard Earl, *Fellow in Chemistry* (FW) (Resignation effective January 1, 1944)
- Lambert, Glenn Frederick, *Fellow in Chemistry* (SF)
- Laughbaum, Anna Belle, *Scholar in English* (Nominee of Greenville College) (FW)
- Lees, Ruby Roxane, *Fellow in French* (FW)
- Lerret, Paul Edward, *Scholar in Mathematics* (SS) (Resignation effective July 13, 1943)
- Little, Marguerite, *Scholar in English* (Nominee of Eastern Illinois State Teachers College) (FW)
- Ludington, Ralph Seymour, *Allied Chemical and Dye Corporation Fellow in Chemistry* (SF)
- Lummis, Frank Max, *Fellow in Classics* (FW)
- Markley, Anne Ethelyn, *Katharine L. Sharp Scholar in Library Science* (FW)
- Mathy, Leonard George, Jr., *Fellow in Economics* (SFW)
- McManus, Margaret Clare, *Scholar in Education* (Nominee of Western Illinois State Teachers College) (FW)
- Meek, John Sawyers, *Fellow in Chemistry* (FW)
- Meinkoth, Marian Richards, *Fellow in Economics* (SFW)
- Merrill, Marjory Ann, *Scholar in Zoology* (Nominee of MacMurray College) (FW)
- Mills, Jack, *Carr Fellow in Chemistry* (FW) (Resignation effective April 30, 1944)
- Mueller, George Peter, *Fellow in Chemistry* (SS)
- Odor, Anna Frances, *Fellow in German* (FW)
- Oliver, Earl Lester, *Fellow in English* (SFW)
- Ortiz, Manuel Higinio, *Fellow in Orthodontia* (12 months)
- Overberger, Charles Gilbert, *Fellow in Chemistry* (SFW)
- Rafferty, Gertrude Therese, *Fellow in Zoology* (FW)
- Rebstock, Mildred Catherine, *Fellow in Chemistry* (FW)
- Reitsem, Robert Harold, *Fellow in Chemistry* (SFW) (Resignation effective February 1, 1944)
- Roberts, Royston Murphy, *Fellow in Chemistry* (FW)
- Robinson, Willard Bancroft, *Fellow in Animal Husbandry* (SS) (Resignation effective August 9, 1943)
- Shekleton, Joseph Francis, *Fellow in Chemistry* (SS)
- Sibley, Marjorie Hedrick, *Fellow in Sociology* (SFW)
- Smith, Vivian Sweibel, *Fellow in Zoology* (SF)
- Spangler, Fred Walter, *Fellow in Chemistry* (SF)
- Spradling, Arch Byron, Jr., *National Lead Association Fellow in Chemistry* (SS)
- Sundholm, Norman Karl, *Allied Chemical and Dye Corporation Fellow in Chemistry* (SF)
- Wicks, Zeno Waterbury, Jr., *Eastman Kodak Fellow in Chemistry* (12 months)
- Wilson, Ferne Lois, *Fellow in Bacteriology* (FW)
- Wood, Janet Lucile, *Scholar in English* (Nominee of Wheaton College) (FW) (Resignation effective November 1, 1943)
- Yalow, A. Aaron, *Fellow in Physics* (FW)
- Yalow, Rosalyn Sussman, *Fellow in Physics* (FW)
- Zerby, Margaret Schiller, *Fellow in English* (FW)

*The letters in parenthesis are abbreviations for the terms of the year for the Urbana departments: S—Summer, four months beginning June 1, 1943; F—Fall, four months beginning October 1, 1943; W—Winter, four months beginning February 1, 1944.

SUMMARY OF STUDENTS, BY COLLEGES AND SCHOOLS AND CLASSES, FROM JUNE, 1943, TO MARCH, 1944

URBANA DEPARTMENTS

	Winter Session		Seniors		Juniors		Sophomores		Freshmen		Unclassified		Irregular ¹		TOTALS	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
LIBERAL ARTS AND SCIENCES																
Chemical Engineering	41	41	14	14	17	17	57	4	61						129	4
Chemistry	20	3	23	15	8	6	14	27	13	40					67	25
Division of General Studies	7	7	2	5	1	13	14	11	96	107					14	121
General	57	281	333	33	317	355	90	423	518	160	652	812	1	1	348	4,692
Home Economics																2,049
Occupational Therapy																23
Pre-Dentistry																33
Pre-Dentistry	1	1	8	8	10	10	15	3	18						34	3
Pre-Journalism	2	1	2	3	4	26	30	5	32	37					11	62
Pre-Law	2	1	3	4	6	2	8	25	3	28					34	9
Pre-Medicine	14	5	19	39	10	49	72	8	80	75	29	104			202	52
<i>Total, Liberal Arts and Sciences</i>	135	392	437	116	359	475	208	494	702	375	853	1,228			839	2,024
COMMERCE																
Lower Division																
Upper Division	36	30	66	36	26	62	28	49	77	102	72	174			132	222
<i>Total, Commerce</i>	36	30	66	36	26	62	28	49	77	102	72	174			132	222
EDUCATION																
Industrial																
General	5	56	61	3	49	52				1	2	2			1	114
Smith-Hughes Agriculture															9	123
Smith-Hughes Home Economics																2
<i>Total, Education</i>	5	57	62	3	49	52				1	2	2			10	116
ENGINEERING																
Agricultural	3		3	3		3	1		1	1		1			9	9
Ceramic Engineering	7		7	3		3	2		2	4					16	16
Ceramics															1	1
Civil	36		36	30	13	33	13		33	33					112	112
Electrical	23		23	37	1	38	17		33	1	34				111	2
Engineering Physics	19		19	11		11			5	5					37	37
General	10		10	7		7	16		2	18		1			106	3
Mechanical	83		83	39		39	24		24	62					205	4
Metalurgical	14		14	2		2	7		7	7					30	30
Mining	2		2							2					4	4
<i>Total, Engineering</i>	197		198	132	1	133	82		2	84		1			631	9
AGRICULTURE																
Dairy Technology																
Floriculture																
General	13		13	9		10	9		9	47		2			3	6
Home Economics															90	4
Pre-Forestry															5	386
<i>Total, Agriculture</i>	13		13	85	9	130	139		10	72		82			89	383
FINE AND APPLIED ARTS																
Architecture	15		2	11	3	14	8		5	13					53	19
Art	20		20	3	16	19	3		38	41					14	143
Landscape Architecture															5	5
Music	1		1	1		1	2		2	1		5			10	10
<i>Total, Fine and Applied Arts</i>	17		48	15	37	52	16		71	87		3			79	272
PHYSICAL EDUCATION																
Physical Education for Men	4		4	3		3	11		11	11					70	70
Physical Education for Women																82
<i>Total, Physical Education</i>	4		4	3		3	11		11	11					70	82
JOURNALISM																
<i>Total, Journalism</i>	5		27	3	36	39	1		14	15					13	98
<i>Total, Undergraduates, Urbana</i>	412		562	317	630	967	356		730	1,088		834		1,196	2,630	5,118

SUMMARY OF STUDENTS (Continued)

URBANA DEPARTMENTS (Continued)

Winter Session	Third Year		Second Year		First Year		Unclassified		Irregular ¹		TOTALS			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
LAW COLLEGE.....	6	2	8	3	5	8	11	4	15	1	1	21	11	32
LIBRARY SCHOOL.....												2	30	32
GRADUATE SCHOOL, URBANA DEPARTMENTS.....					2	30	32					426	216	642
<i>Total, Urbana Departments, Winter Session.....</i>												2,395	3,129	5,524

Summer Semester of 1943

Undergraduate Students.....	1,282	878	2,160
Graduate Students.....	416	274	690
<i>Total, Summer Semester of 1943.....</i>	1,698	1,152	2,850

Deduct duplicates (students registered also for winter session, counted above).....

TOTAL, CIVILIAN ENROLLMENT IN URBANA DEPARTMENTS, FROM JUNE, 1943, TO MARCH, 1944.....

3,105,399⁷ 7,102

ARMY SPECIALIZED TRAINING PROGRAM..... 4,349 .. 4,349

NAVY COLLEGE TRAINING PROGRAM..... 749 .. 749

TOTAL, CIVILIAN AND ARMED FORCES IN URBANA DEPARTMENTS, FROM JUNE, 1943, TO MARCH, 1944..... 8,203 3,997 12,200

CHICAGO DEPARTMENTS

Winter Session	Fourth Year		Third Year		Second Year		First Year		Unclassified		TOTALS				
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
MEDICINE.....	154	7	161	162	8	170	167	8	175	159	12	171	642	35	677
DENTISTRY.....	55	1	56	50	1	51	62	68				68	235	2	237
PHARMACY.....	19	2	21	7	5	12	9	7	16	17	9	26	53	23	76
<i>Total, Undergraduates, Chicago.....</i>													930	60	990
PHYSICIANS, DENTISTS, AND SCIENTIFIC ILLUSTRATORS TAKING SPECIAL COURSES.....													33	4	37
GRADUATE SCHOOL, CHICAGO DEPARTMENTS.....													43	12	55
Deduct duplicates (students registered in more than one college or school).....													(6)	..	(6)
<i>Total, Chicago Departments, Winter Session.....</i>													1,000	76	1,076

Summer Quarter of 1943

Undergraduate Students.....	921	59	980
Graduate Students.....	38	9	47
<i>Deduct duplicates (students registered in more than one college or school).....</i>	(4)	..	(4)
<i>Total, Summer Quarter of 1943.....</i>	955	68	1,023

Deduct duplicates (students registered also for winter session, counted above).....

TOTAL, CHICAGO DEPARTMENTS, FROM JUNE, 1943, TO MARCH, 1944.....

1,028 84 1,112

EXTRAMURAL COURSES (Urbana Departments)

Graduate Students.....	159	150	309
Undergraduate Students.....	8	15	18
<i>Total, Extramural Students, 1943-1944.....</i>	167	165	332

Deduct duplicates (students registered also for winter session, counted above).....

TOTAL, CIVILIAN ENROLLMENT IN URBANA AND CHICAGO DEPARTMENTS, WINTER SESSION.....

3,557 3,670 7,227

TOTAL, CIVILIAN ENROLLMENT IN UNIVERSITY, FROM JUNE, 1943, TO MARCH, 1944.....

4,295 4,246 8,541

TOTAL, CIVILIAN AND ARMED FORCES IN UNIVERSITY, FROM JUNE, 1943, TO MARCH, 1944.....

9,393 4,246 13,639

¹ 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 students registered in the University of Illinois in the academic year 1943-1944, including the summer semester of 1943, 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, 1943; for those attending the first semester, it was taken from their records as of October, 1943; and for those attending the second semester, from their records as of February, 1944. For students in the Chicago departments, which operate on the quarter system, the information was taken from records of registration for the 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.

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 1. (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 1943 for students attending at Urbana, or summer quarter for those in Chicago; "I" indicates first semester of 1943-1944 at Urbana, or fall quarter in Chicago; and "II" indicates second semester at Urbana, or winter quarter in Chicago. (Records of the spring quarter in Chicago were not available when this list was compiled.)

Abbreviations of Colleges and Schools

AGR.—College of Agriculture	JNL.—School of Journalism
COM.—College of Commerce	LAS.—College of Liberal Arts and Sciences
DENT.—College of Dentistry	LAW.—College of Law
EDUC.—College of Education	LIB.—Library School
ENG.—College of Engineering	MED.—College of Medicine
FAA.—College of Fine and Applied Arts	PHARM.—College of Pharmacy
GRAD.—Graduate School	PE.—School of Physical Education

Abbreviations of Curricula and Major Subjects

Accy.....	Accountancy	JuvBehav.....	Juvenile Behavior
AgEcon.....	Agricultural Economics	LArch.....	Landscape Architecture
AgEduc.....	Agricultural Education	Laryng.....	Laryngology
AgEng.....	Agricultural Engineering	Latin.....	Latin
Agron.....	Agronomy	LD.....	Lower Division
Anat.....	Anatomy	LibSci.....	Library Science
AnHusb.....	Animal Husbandry	Math.....	Mathematics
AnPath.....	Animal Pathology	ME.....	Mechanical Engineering
Arch.....	Architecture	Med.....	Medicine
ArchEng.....	Architectural Engineering	MedIll.....	Medical Illustration
Art.....	Art	MetE.....	Metallurgical Engineering
ArtEduc.....	Art Education	MinE.....	Mining Engineering
Bact.....	Bacteriology	Mus.....	Music
BOO.....	Business Organization and Operation	MusEd.....	Music Education
Bot.....	Botany	MusLit.....	Music Literature
BusAdm.....	Business Administration	Neurol.....	Neurology
CE.....	Civil Engineering	NeurolSurg.....	Neurological Surgery
Cer.....	Ceramics	ObstetGyn.....	Obstetrics and Gynecology
CerE.....	Ceramic Engineering	OccTher.....	Occupational Therapy
Chem.....	Chemistry	Ophthal.....	Ophthalmology
ChEng.....	Chemical Engineering	OralSurg.....	Oral Surgery
Class.....	Classics	Orthod.....	Orthodontia
Dent.....	Dentistry	Orthopaed.....	Orthopaedics
DentPath.....	Dental Pathology	Path.....	Pathology
DGS.....	Division of General Studies	PDent.....	Pre-Dentistry
DHusb.....	Dairy Husbandry	PE.....	Physical Education
DMfg.....	Dairy Manufacturing	Pediat.....	Pediatrics
DTech.....	Dairy Technology	PFor.....	Pre-Forestry
Econ.....	Economics	Pharm.....	Pharmacy
Educ.....	Education	Pharmacog.....	Pharmacognosy
EE.....	Electrical Engineering	Pharmacol.....	Pharmacology
EJnl.....	Emergency Journalism	Philos.....	Philosophy
Engl.....	English	PhysChem.....	Physiological Chemistry
Entom.....	Entomology	Physics.....	Physics
EPhy.....	Engineering Physics	Physiol.....	Physiology
Flor.....	Floriculture	PJnl.....	Pre-Journalism
French.....	French	PLaw.....	Pre-Law
Genl.....	General	PMed.....	Pre-Medicine
Geog.....	Geography	PPharm.....	Pre-Pharmacy
Geol.....	Geology	PolSci.....	Political Science
Germ.....	German	Psychiat.....	Psychiatry
Greek.....	Greek	Psychol.....	Psychology
Gyn.....	Gynecology	Soc.....	Sociology
HEcon.....	Home Economics	SocAdm.....	Social Administration
Hist.....	History	SocSci.....	Social Science
Histol.....	Histology	Span.....	Spanish
Hort.....	Horticulture	Speech.....	Speech
InEduc.....	Industrial Education	Surg.....	Surgery
Italian.....	Italian	TAM.....	Theoretical and Applied Mechanics
Jnl.....	Journalism	UD.....	Upper Division
		Zool.....	Zoology

Student's Name (With previous degrees)	Legal Residence	College or School	Curricu- lum or Major	Classifi- cation	Semes- ters Attended
Aaron, Charlotte Helen	Chicago	LAS	Genl	Fr	I II
Abbate, Joseph Samuel, B.S.	Chicago	MED	Med	4	S I
Abbott, Floyd Thomas	Kenney	EDUC	Genl	Sr	S I
Abel, William Thomas, A.B.	Needham, Ind.	GRAD	Chem	U	I II
Abell, John Michael	Aurora	MED	Med	2	S I II
Abels, Norma Elaine	Freeport	COM	LD	Fr	I II II
Abendroth, Dean Steele	Vernon			Unc	S
Aber, Donna Carol	Pittsfield	LAS	Genl	So	I II
Abrams, Anita Ethyl	Chicago	JNL	Jnl	Sr	I
Abrams, Charlotte Jeanne	Chicago	JNL	EJnl	Fr	I II
Abrams, Chernie	Chicago	LAS	Genl	Fr	I II
Abrams, Walter, B.S.	Chicago	MED	Med	4	S I II
Ackert, Floyd N., B.S.	Chicago	GRAD	InEduc	EM	I
Acton, Robert D.	Danville	LAS	Genl	Jr	I II
Adair, Frances I., B.S.	Urbana	LAS	Genl	Irr	S I II
Adair, Helen Louise	Monmouth	FAA	Art	Jr	I II
Adams, Charles Howard, B.S.	Urbana	GRAD	TAM	U	I II
Adams, Clark Edward, A.B., M.S.	Chandler, Okla.	GRAD	Chem	U	S I II
Adams, Claude Edward, A.B.	Rushville	GRAD	EDUC	U	S S
Adams, Edward Francis	Centralia	ENG	CE	Sr	S S
Adams, Gail Dayton, Jr., B.S., M.S.	Urbana	GRAD	Physics	U	S S
Adams, John Franklin	Oak Park	JNL	Jnl	Sr	S
Adams, Leeman Alden	East St. Louis	LAS	Genl	Jr	II
Adams, Lula Margaret	Springfield	AGR	HEcon	So	I II
Adams, Mary Ladd	Urbana	LAS	Genl	Fr	S I II
Adams, Ralph Judson	Streator	COM	UD	Sr	S
Adams, Robert McLean, B.S.	Champaign	GRAD	Chem	U	S I II
Adams, Virginia Louise	Urbana	FAA	Art	Sr	I II
Adams, Willis L., Jr.	Elmora, Ind.	LAS	Genl	So	II
Adel, June Claire	Chicago	LAS	Genl	Fr	II
Adelberg, Arthur James	Chicago	LAS	PMed	Fr	S I
Adelman, Marilyn Sue	Chicago	LAS	Genl	Fr	I II
Adelman, Vincent Smith	Brooklyn, N.Y.	DENT	Dent	4	S I
Adler, Eileen	Chicago	LAS	Genl	So	I II
Adler, Leonard David	Chicago	ENG	Genl	Fr	S I
Adolph, Howard Jay	Chicago	ENG	MetE	So	S
Adragna, C. Michael, B.S., A.M.	Urbana	GRAD	Zool	U	I
Afremow, Blossom Shirley	Chicago	LAS	Genl	Jr	I II
Agett, Virginia Kaye	Kingsport, Tenn.	EDUC	Genl	Jr	II
Agnelo, John Jack	Chicago	LAS	Genl	Fr	S
Agnew, Harriet Elizabeth	Ogden	FAA	Mus	So	I II
Agnew, Marion Louise	Ogden	LAS	Genl	Fr	I II
Agnew, Robert Lewis	Springfield	COM	LD	So	II
Agostine, Ronald	Sioux City, Iowa	LAS	Genl	Fr	I II
Agron, Isidore M.	Chicago	MED	Med	2	S I II
Aguilar, Plubio Senen, Ph.C.	Guatemala, C.A.	GRAD	Chem	U	I II
Ahern, Robert Eugene	West Haven, Conn.	ENG	MetE	So	I II
Ahlf, Verta Jane	Sandoval	AGR	HEcon	Fr	I
Aiassi, Christina K., B.Ed.	Murphysboro	GRAD	Educ	EM	I II
Aiken, Hector Hunter	Winthrop Harbor	ENG	ME	Sr	S
Aimone, John Albert	Berwyn	MED	Med	2	S I II
Akset, Ali, B.S.	Istanbul, Turkey	GRAD	CE	U	I II
Aladjem, Nissim Tchelebi, B.S.	Boston, Mass.	GRAD	CE	U	S
Albaum, Morris	Chicago	LAS	Genl	Fr	II
Albers, Luree Floella, B.S.	LaMonte, Mo.	GRAD	SocSci	EM	I II
Alberts, Charles Lee	Centerville Station	PE	PE	Fr	S
Alberts, Dee Edward	Centerville Station	PE	PE	Fr	S
Albrecht, Miriam Jean	Tiskilwa	LAS	Genl	So	I II
Albright, Mary Helen	Owaneco	COM	LD	Fr	I II
Alby, Charlotte Ruth	Decatur	LAS	DGS	Fr	I II
Alcorn, Natica Pauline	Rantoul	LAS	Genl	Fr	I II
Alcorn, Robert	Champaign	LAS	Genl	Fr	I II
Alde, Robert Oliver	Pana	ENG	EE	Sr	I
Alderson, Leland Burdette, Ph.C.	Kilmundy	PHARM	Pharm	4	I
Alderson, Raymond Harold	Girard	AGR	Genl	Fr	I II
Aldrich, Anne	Riverside	LAS	Genl	So	I II
Alessio, Louis Alfred	Berwyn	DENT	Dent	1	S I II
Alexander, Alma Alice	Rochester, N.Y.	COM	UD	Sr	S I II
Alexander, Charles Willard	Chicago	LAS	Genl	So	S S S
Alexander, Dorothy Elizabeth, A.B.	Redfield, S.Dak.	LIB	LibSci	U	S S S
Alexander, Melancthon Herbert, B.S., M.S.	Champaign	GRAD	AnHusb	U	S S S
Alexander, Raymond Arthur	Carterville	MED	Med	1	S I II
Aliotta, Carmella Threse	Chicago	LAS	Genl	Jr	I II
Allan, Robert Howard	Jacksonville	ENG	ME	Sr	S
Allard, Mary Ellen	Vienna	AGR	HEcon	U	I II
Allen, Charles Moore, B.S., B.S., M.S.	Urbana	GRAD	Educ	U	I II
Allen, Clifford Harry	Rockford	ENG	CerE	Jr	I II
Allen, Dawn Elizabeth	Galena	LAS	Genl	Fr	I II
Allen, Dellora	Chicago	AGR	HEcon	So	I II
Allen, Doris Virginia	Armington	COM	UD	Jr	I II
Allen, Frederick Ward, B.S.	Watertown, N.Y.	MED	Med	3	S I II

Allen, Jerry	Denver, Colo.	FAA	Arch	Sr	S		
Allen, John Henry	Urbana	ENG	ME	Fr	I	II	
Allen, John Philip, B.Ed.	Lincoln	GRAD	Educ	EM	I	II	
Allen, John Robert	Riverton	ENG	EE	Fr	I	II	
Allen, Mary Anne	Springfield	LAS	Genl	Fr	I	II	
Allen, Mary Jean	East Moline	LAS	DGS	So	I	II	
Allen, Richard Reed	La Grange	LAS	PMed	So	I	II	
Allen, Robert Edward, A.B., M.S.	Hampton, Iowa	GRAD	Chem	U	S	I	II
Allen, Robert Leon	Belvidere	ENG	ME	U	Sr	I	II
Allen, Robert Marion, A.B.	Urbana	GRAD	PE	U	S	I	II
Allen, Robert Morgan	Decatur	COM	UD	U	S	I	II
Allen, Ruth	Green Valley	AGR	HEcon	Fr	S	I	II
Allen, Ruth Goldine	Gary, Ind.			Unc	S	I	II
Allen, Stella Beth	Delavan	AGR	HEcon	So	I		
Allen, Wendell Wilson	Champaign	COM	LD	Fr	I	II	
Allison, Arthur Wendell	Alvin	ENG	ME	Sr	S	I	II
Allison, Harry Bradford	Champaign	LAS	Genl	So	S	I	II
Allison, Margery	Champaign	LAS	Genl	Jr	I		
Allison, Robert Henry	Flat Rock	LAS	PMed	Fr	S	I	II
Allison, William Henry	Mattoon	ENG	CE	Fr	I		
Allison, Wilmore	Taylorville	JNL	Jnl	Jr	I	II	
Allmon, Charlesetta, A.B.	St. Louis, Mo.	GRAD	Engl	Jr	EM	I	II
Allrecht, Esther Andreen, A.B., A.M.	Chickilwa	GRAD	Engl	U	S	I	II
Alpern, Charles	Chicago	MED	Med	1	S	I	II
Alpers, Elbert Edmund	Danville	ENG	ME	Sr	S	I	II
Alt, Eugene Eldron	El Paso	ENG	EE	1	Sr	I	II
Alt, Katherine	Hillsboro	LAS	Genl	So	I	II	
Altay, Sakip Mehmet, B.S.	Ankara, Turkey	GRAD	CE	U	I	II	
Altenbern, Robert Allen, B.S.	Woodsville, N.H.	GRAD	Bact	U	I	II	
Altman, Alvin Seymour	Chicago	DENT	Dent	1	S	I	II
Altman, George Lawrence, B.S.	Chicago	MED	Med	2	S	I	II
Altorfer, Alpheus William, Jr., B.S.	Chicago	ENG	Genl	1	S	I	II
Altpeter, Lois Elaine	Peoria	ENG	Genl	Irr	S	I	II
Altschul, Ruth	La Grange	LAS	Genl	Sr	I	II	
Altschul, Sol, B.S.	Chicago	LAS	Genl	Jr	I	II	
Alvey, Dorys Jane	Chicago	MED	Med	1	S	I	II
Amdal, Marilyn Ann	Clinton	LAS	Genl	Sr	S	I	II
Amment, Ila Jane	Champaign	LAS	Genl	Sr	I	II	
Amundsen, Alvin Norman	Danville	EDUC	Genl	Jr	I	II	
Anastaplo, George	Chicago	ENG	CE	Fr	I		
Ander, Betty Jean	Carterville	ENG	Genl	Fr	I	II	
Andersen, Leonard Neale	Batavia	LAS	Genl	Jr	I	II	
Andersen, Lila Mae	Walnut	LAS	Genl	Fr	I	II	
Andersen, Bernice Ann	Sycamore	LAS	DGS	Fr	I	II	
Andersen, Bernice Rose	Princeton	FAA	Art	Fr	I	II	
Andersen, Carolyn	Evanston	PE	PE	Jr	S	I	II
Andersen, Charlotte Joan	Danville	PE	Genl	Fr	I	II	
Andersen, David Fredric	Peoria	LAS	Genl	Sr	S	I	II
Andersen, Don Robert	Chicago	LAS	Genl	So	I		
Andersen, Donald A.	Springfield	ENG	CE	Fr	I		
Andersen, Dorothy Corrine	Bloomington	PE	PE	Fr	I		
Andersen, Elizabeth, A.B., A.M.	Champaign	LAS	Genl	So	S	I	II
Andersen, Elma Peach, A.B., B.S.	Guilford College, N.C.	GRAD	Zool	U	I	II	
Andersen, Frank William	St. Catharine, Mo.	GRAD	LibSci	U	I	II	
Andersen, Gertrude Ruth	Evanston	ENG	Genl	Fr	S	I	II
Andersen, Grace Louise	Hinsdale	FAA	Art	So	I		
Andersen, Irene Mildred	Granville	AGR	HEcon	Fr	I	II	
Andersen, Jack Rae	Chicago	COM	LD	S	I	II	
Andersen, Jane Frank	Canton	LAS	DGS	Fr	I	II	
Andersen, Jean Marie	Oak Park	LAS	PMed	Fr	I	II	
Andersen, John Edward	Urbana	LAS	Genl	Fr	I	II	
Andersen, Judith John	Rockford	ENG	ME	So	S	I	II
Andersen, LeVerne Eric	Carlville	FAA	Art	Jr	I	II	
Andersen, Leonard Walter	Rockford	LAW	Law	1	I	II	
Andersen, Margaret Helen	Chicago	LAS	Genl	So	I	II	
Andersen, Margaret L., A.B.	Chicago	FAA	Art	Fr	I	II	
Andersen, Mary Elizabeth	Mt. Vernon	GRAD	Educ	U	S	I	II
Andersen, Melvin Ross, A.B., M.S.	Danville	FAA	Mus	Sr	S	I	II
Andersen, Norma Schafer	Urbana	GRAD	Educ	U	I	II	
Andersen, Nymis Clare	Port Byron	LAS	DGS	Fr	I	II	
Andersen, Phyllis M.	Springfield	LAS	OccTher	So	I	II	
Andersen, Robert Todd, A.B., A.M.	Kempton	LAS	Genl	Fr	I	II	
Andersen, Ruth Marie, B.Ed., A.M.	Urbana	GRAD	Physics	U	S	I	II
Andersen, Shirley Lorraine	Galesburg	GRAD	Educ	U	I	II	
Anderson, Sibil Arlene	Chicago	COM	LD	Fr	I	II	
Andich, Carol	Muncie	AGR	HEcon	Sr	S	I	II
Andrew, Lila Margaret	Rock Island	LAS	Genl	Fr	I	II	
Andrew, Russell, A.B.	Manhattan	EDUC	Genl	Jr	I	II	
Andrews, Alice Elizabeth	Palmyra	GRAD	Educ	U	S	I	II
Andrews, Avonne Lucretia	Champaign	LAS	Genl	Jr	I	II	
Andrews, Eion Norbert	Champaign	COM	UD	Jr	S	I	II
Andrews, Genevieve Irene	Georgetown, Br. Guiana	LAS	P Dent	Fr	I	II	
Andrews, Mary Ann	Villa Grove	LAS	Genl	Sr	S	I	II
Andrews, Norma Jean	Champaign	LAS	Genl	Fr	I		
Andrews, Rowena	Greenville	LAS	Genl	So	S	I	II
	Greenville	EDUC	Genl	Jr	S	I	II

Andrews, Virginia Marie	Chicago	PE	PE	So	I	II
Andrews, William Jay	Oak Park	LAS	PMed	Jr	S	I
Aney, June Jeanette	Chandlerville	AGR	HEcon	Sr	I	I
Angus, Barbara Jeannette	Chicago Heights	AGR	HEcon	Fr	I	II
Annan, Eunice Ruth	ClevelandHeights, Ohio	LAS	Genl	Fr	I	II
Annegers, Vida Fort, B.Ed.	Stronghurst	GRAD	SocSci	U	S	
Anning, Mary Frances	Aurora	Genl	Genl	Jr	I	II
Antes, Ruth Marie	Chicago	LAS	Chem	Jr	I	II
Anthofer, Irmgard	Chicago	LAS	Genl	Jr	I	II
Apblett, William Richard, Jr.	Springfield	ENG	MetE	Sr	S	I
Aplington, James Burton	La Salle	MED	Med	2	S	I
Apoyan, Alice Virginia	Oak Park	LAS	Genl	Fr	I	II
Appa, Madlyne L.	Chicago	LAS	Genl	Sr	I	II
Appel, Norma Ann	Chicago	PE	PE	Fr	I	II
Appel, Raymond Cornelius	Chicago	LAS	PLaw	Fr	S	I
Appel, Sherman Philip, A.B.	Chicago	DENT	Dent	2	S	I
Appelbaum, Marillyn Ruth	Decatur	EDUC	Genl	Sr	S	I
Apple, Russel Charles, A.B., M.C.S.	Harvel	GRAD	Educ	EM	I	II
Applegate, John Linn	Atlanta	AGR	Genl	Fr	I	I
Appuhn, Bernella June	Du Quoin	LAS	DGS	Fr	S	I
Aral, Mehmet Macit	Washington, D.C.	ENG	MetE	Sr	S	I
Aram, Hartley Herrick, A.B., M.S.	Chicago	MED	Med	1	S	I
Arch, Paul Conrad	Kewanee	COM	UD	Sr	S	I
Archbold, Helen Josephine	La Grange	LAS	Genl	Sr	S	I
Archer, Jean Louise	Sandoval	AGR	HEcon	Fr	S	I
Archer, Virginia Frances	Sandoval	AGR	HEcon	Jr	S	I
Arends, Marjorie Ann	Gilman	FAA	Art	Fr	I	II
Argabrite, John William, B.S., M.S.	Watertown, S.Dak.	MED	Med	2	S	I
Argenbright, Harriet Jane	Blandinsville	FAA	Mus	Sr	S	I
Argenbright, Mary Alicia	Blandinsville	LAS	Genl	Fr	S	I
Argianas, Deloris Louise	Cicero	LAS	Genl	Jr	S	I
Ariagno, Paul Richard	Joliet	LAS	PMed	So	S	I
Armages, Helene Marie	Freeport	LAS	Genl	Fr	I	II
Armitage, Janice Eileen	Morrisonville	AGR	HEcon	Fr	I	II
Armour, Patricia Anne	Rockford	LAS	Chem	So	I	II
Armour, Shirley Anne	Kewanee	LAS	Genl	Fr	I	II
Armstrong, Berthe Elizabeth, A.B.	River Forest	MED	Med	4	S	I
Armstrong, Mary Kathryn	Putnam	AGR	HEcon	Fr	I	II
Armstrong, Patricia Loraine	Springfield	LAS	Genl	Fr	I	II
Armstrong, William Robert	Paris	LAS	ChEng	Fr	I	
Arneson, Ruth La Verne	Chicago	LAS	Genl	So	I	II
Arnett, Henry Dilgard, A.B., M.S.	Champaign	GRAD	Physics	U	S	I
Arnett, Vitold, A.B., A.M., Ph.D.	Worcester, Mass.	MED	Med	2	S	I
Arnold, Carswella Jean	Hillview	LAS	Genl	Fr	S	I
Arnold, Charles C.	Fairbury	ENG	ME	Sr	I	II
Arnold, Marian Ruth	Carbondale	AGR	HEcon	Jr	I	II
Arntzen, Eta Mae	Serena	COM	UD	Jr	S	I
Arntzen, Mary Henrietta, B.Ed., B.L.S.	Serena	GRAD	LibSci	U	S	I
Aron, Dorothy R.	Chicago	LAS	Genl	Sr	S	I
Aron, Walter Arthur, A.B., A.M.	Urbana	GRAD	Physics	U	S	I
Aronoff, David Daniel	New York, N.Y.	ENG	ME	Fr	S	I
Aronov, Bernard Martin	Chicago	LAS	PMed	So	S	I
Aronov, Jack Solomon, B.S.	Chicago	MED	Med	1	S	I
Aroztegui, Idelfonso, Deg. of Arch.	Melo, Uruguay	GRAD	Arch	U	I	II
Arthur, Ruth Ann	Yonkers, N.Y.	LAS	Chem	Fr	I	II
Asch, Martin	Chicago	LAS	PMed	Fr	S	
Ascher, LaVerne Bobbette	Chicago	LAS	Genl	Fr	I	II
Ascher, Nancy Jean	Chicago	LAS	Genl	Fr	I	II
Ascherman, Joan Lucile	Chicago	LAS	DGS	Fr	I	II
Ascherman, John Calvin	Lovington	ENG	Genl	Sr	S	I
Asgeirsson, Haraldur	Onundarfjordur, Iceland	ENG	CerE	Sr	I	II
Asghar, Mohamed, B.S., A.M.	Kabul, Afghanistan	GRAD	Educ	U	S	I
Ash, Joseph	Chicago	LAS	PMed	Fr	I	II
Ash, Mildred	Webster, Iowa	LAS	PMed	So	I	II
Ashburn, James Gilbert	Winston-Salem, N.C.	LAS	Chem	Sr	S	I
Ashley, Frank John, B.M.	Cicero	MED	Med	3	S	I
Ashley, William Francis, B.S.	Cicero	MED	Med	4	S	I
Astor, Sally	Leavenworth, Kans.	LAS	Genl	Sr	I	II
Aten, Donald Eugene	Rushville	ENG	Genl	Fr	I	II
Atherton, Leon George	Peoria	MED	Med	1	S	I
Atkins, Robert Alan	Sumner	MED	Med	2	S	I
Atkinson, Barbara Jean	Champaign	MED	PJnl	Fr	I	II
Atlas, Gerald Donald, A.B.	Chicago	MED	Med	3	S	I
Atlas, Kasim, B.S.	Istanbul, Turkey	GRAD	CE	U	I	II
Attebery, Ellen Jane	East St. Louis	FAA	Art	So	I	II
Attebery, Harold Charles	Hillsboro	AGR	Genl	Fr	I	II
Attebery, Mary Ellen	Hillsboro	LAS	Genl	So	I	II
Attis, Russell Ralph	Chicago	PE	PE	Jr	I	II
Atzenhoffer, Phyllis Jane, A.B.	Northbrook	GRAD	Psychol	U	I	II
Aubineau, Jeanne Marie	Kenilworth	LAS	Genl	Jr	I	II
Auble, Helen Olene	Johnson City	PE	PE	So	I	II
Auerbach, Helen Mae	Chicago	LAS	Genl	So	I	II
Augello, Gaspare Michael, B.S.	Brooklyn, N.Y.	DENT	Dent	4	S	I
August, Sally Elaine	Topeka, Kans.	LAS	Genl	Fr	I	II
Augustine, Orville Edward	Decatur	ENG	Genl	Fr	I	II

Aulgur, Robert Tiermon	St. Louis, Mo.	ENG	Genl	Fr	II
Austin, Dorothy Nell, B.S.	Decatur	GRAD	Educ	EM	I
Austin, Ida Lee, A.B., A.M.	Jackson, Miss.	LIB	LibSci	1	S
Austin, Julia Caroline, B.S.	Decatur	GRAD	Educ	EM	I
Austin, Mary Elizabeth	Greenville	LAS	Genl	Jr	S
Austin, Roma Jeanette	Elgin	AGR	HEcon	Fr	I II
Austin, Warren William	Mendota	LAS	Genl	So	II
Auten, Donald Seymour, B.M.	Oak Park	MED	Med	3	S I II
Avery, Annette Elizabeth	Chicago	AGR	HEcon	So	I II
Avry, Ruth Cassey	Golconda	AGR	HEcon	So	S
Ayars, Allen Buck	Moweaqua	COM	LD	So	S
Aycock, Benjamin F., Jr., B.S.	Fremont, N.C.	GRAD	Chem	U	S I II
Ayers, Esther Mary, B.Ed.	Anna	GRAD	Hist	U	S
Ayers, Mary Brandenburg	Bement	LAS	Genl	Jr	II
Babb, Malcolm Carlyle, A.B., B.S.	Paris	MED	Med	4	S I
Babb, Martha Byne	Bondville	COM	LD	So	I II
Babb, Robert Gene	Murphysboro	PE	PE	Fr	S
Babbitt, Lewis Marvin	Chicago	ENG	Genl	Fr	II
Babcock, LeRoy Edmond, B.Ed.	Menard	GRAD	Math	U	S
Babcock, Mary Ella	Waterman	LAS	Genl	Fr	I II
Babicz, Irene Marie	Chicago	EDUC	Educ	Jr	I II
Bach, Anna Marie Elizabeth, B.Ed.	Oak Park	GRAD	Genl	U	S
Bach, Emma Louise, A.B., A.M.	Carbondale	GRAD	Engl	EM	I
Bachar, Steven William	Elmwood Park	DENT	Dent	1	S I II
Bachman, Peggy Jean	Champaign	LAS	Genl	So	S I II
Bachman, Robert Miles	Buchanan, Mich.	PE	PE	Fr	I II
Bachrach, Gloria	Decatur	LAS	Genl	So	I II
Back, Billie Lee	Belleville	ENG	CE	Fr	II
Backlund, Hannah Sophia, A.B.	Mullan, Idaho	GRAD	Span	U	S I II
Bacon, Louis Albert	Champaign	ENG	CE	Sr	S
Badisch, Esterann	Chicago	LAS	Genl	Fr	II
Bagdon, Frank Alexander	Rockford	ENG	Genl	Fr	S
Bahcall, June Millicent	Maywood	COM	LD	Fr	I
Bahcall, Ruth	Maywood	EDUC	Genl	Jr	I II
Bailey, Albert David, A.B., B.S.	Urbana	GRAD	EE	U	S I II
Bailey, Arlene Clara	Danville	LAS	Genl	So	I II
Bailey, Betty Ann, A.B.	Decatur	GRAD	Chem	U	I II
Bailey, Doris Marie	Chicago	LAS	Genl	Fr	I II
Bailey, John J.	Rockford	MED	Med	2	S I II
Bailey, William John, A.B.	Walker, Minn.	GRAD	Chem	U	S I II
Bair, George Willard, A.B.	Champaign	MED	Med	2	S I II
Bair, Nona Florence, B.Ed.	Normal	GRAD	Educ	EM	I II
Bajak, JoAnn Adeline	Chicago	AGR	HEcon	Fr	I II
Baker, Aileen Lucille	Alton	LAS	Genl	Jr	I II
Baker, Anna Frances	Urbana	LAS	OccTher	Fr	I II
Baker, Charles Edgar, Jr.	Franklin Grove	ENG	EE	So	S I II
Baker, Elizabeth	Litchfield	EDUC	Genl	Jr	S
Baker, Frances Lucille	Kankakee	LAS	DGS	So	I
Baker, Harriet Anne	Heyworth	AGR	HEcon	Jr	S I II
Baker, Indimiu D., B.S., M.S.	Melvin	GRAD	Educ	U	I
Baker, Joan Gretchen	Chrisman	PE	PE	Fr	I II
Baker, Lael Jeanne	Urbana	LAS	Genl	Fr	S I II
Baker, Lester, B.S.	Chicago	MED	Med	2	S I II
Baker, Margaret Lee	Decatur	LAS	Genl	Jr	I II
Baker, Margaret Yvonne	Windsor	LAS	Genl	Sr	S I II
Baker, Mary Lee, A.B.	Marion	GRAD	Soc	U	S
Baker, Philip Schaffner, A.B., A.M.	New York, N.Y.	GRAD	Chem	U	S
Baker, Robert Whitney, A.B.	Chicago	MED	Med	2	S I II
Baker, Vivian L.	Chicago	LAS	PMed	So	S I II
Baldrige, Mary Rachel, B.S.	Chicago	MED	Med	4	S I II
Baldry, Joan	Astoria	LAS	Genl	Fr	I II
Baldwin, Annabelle Jean	Greenville	FAA	Art	Fr	I
Balestri, Alicia June	Riverton	LAS	Genl	Sr	S I II
Ball, Dorothy Rhoads	Lincoln	LAS	Genl	Sr	S
Ball, John Frederick	Chicago	ENG	ME	So	S
Ball, Marion Lucille	Urbana	LAS	Genl	Fr	S I
Ball, Richard William	Cairo	LAS	Genl	Sr	S I II
Ballis, Mayta Fern	Chicago	LAS	Genl	Jr	I II
Ballis, Ruby	Chicago	LAS	Genl	Fr	I II
Balsley, Alice Ruth	Chicago	EDUC	Genl	Fr	S I II
Balter, Bernard	St. Louis, Mo.	EDUC	Dent	1	S I II
Balter, Betty G.	Chicago	DENT	Dent	Jr	I II
Bamber, Edward Joseph	Chicago	LAS	Genl	Fr	II
Bandy, Dorothy Marguerite, B.Ed.	White Hall	GRAD	Latin	U	S
Banes, Fred Wendell, B.Ed.	Urbana	GRAD	PhysChem	U	S
Bangert, June Audrey	Wood River	FAA	Mus	So	I II
Bangiolo, Joyce June	Paris	LAS	PMed	Fr	I II
Banister, Nadine Christena, B.S.	Kansas City, Kans.	LAS	Genl	Irr	I II
Banks, Bette Ruth	Moline	LAS	Genl	So	I II
Banks, Edwin Melvin	Chicago	LAS	Genl	Fr	S
Banner, Dorothy Eileen	Dewey	AGR	Genl	Fr	S I II
Banner, Morris Harold, B.S.	Dewey	GRAD	AgEduc	U	S I II
Banner, Wilber Keith	Dewey	ENG	ME	Sr	S I II
Bannister, Loren Willard	Dewey	ENG	ME	Sr	S I II
Bannon, Margaret Theresa M.	De Kalb	LAS	ChEng	Fr	I II
Baranowski, Leo Francis	Joliet	COM	UD	Jr	I II
	Chicago	DENT	Dent	3	S I II

Barasch, Clarence J., B.S.	Chicago	MED	Med	4	S	I
Barbee, Katie Phyllis, A.B., M.S.	Mound City	GRAD	Hist	EM		II
Barber, Elizabeth Florence	Joliet	AGR	HEcon	Sr	I	II
Barber, Mary Lou	Springfield	LAS	Genl	Fr	I	II
Barbolak, Mary	Riverside	LAS	Genl	Fr	I	II
Barclay, Paul Seitz, B.S.	Moline	DENT	Dent	3	S	I II
Bard, George William	Donovan	LAS	PMed	Fr	S	I
Bard, Marguerite Lillian	Maywood	LAS	Genl	Fr	I	II
Bard, Richard Kennard	Oak Park	ENG	Genl	Fr	S	
Barker, Anne Pearl	Camp Hulen, Tex.	LAS	Genl	So	I	
Barker, Mary Deborah	Onarga	LAS	Genl	Jr	I	II
Barkin, Emanuel M.	Chicago	LAS	Chem	Fr	I	II
Barland, Florence Gertrude	Waukegan	LAS	OccTher	Fr	I	II
Barlow, Mary Alice	Urbana	JNL	EJnl	Fr	I	II
Barnard, Eryn G.	Lexington	LAS	Genl	Sr	S	I
Barnes, Betty Alice	Oak Park	JNL	EJnl	Fr	I	
Barnes, Blaine	Chicago	LAS	PLaw	Fr	I	
Barnes, Erma Lee	Danville	EDUC	Genl	Unc	I	II
Barnes, Mary Elizabeth, B.S.	Lexington, Ky.	GRAD	Geol	U	I	II
Barnes, Richard Oliver, B.S.	Chicago	MED	Med	3	S	I II
Barnes, William Speight, A.B., J.D., A.M.	Tucson, Ariz.	GRAD	Physics	U	S	I
Barnett, Elizabeth Jean	White Hall	LAS	Genl	Jr	I	II
Barnett, Laverne	Equality	LAS	Genl	So	S	I II
Barnett, Ruth Marilyn	Chicago	LAS	Genl	Fr	I	II
Barney, Dorothy Virginia	Evanston	LAS	Genl	So	I	II
Barns, Eugene Paule	Burnside	ENG	EE	Fr	I	
Baron, Geraldine Millicent	Chicago	LAS	Genl	Fr	I	
Barr, Alta Ferne	Mahomet	LAS	Genl	Fr	I	
Barr, Miriam Marie	Beason	LAS	DGS	Fr	I	II
Barrer, Marian Lois	Springfield	LAS	Genl	Fr	I	II
Barrett, Caroline Ambler	Washington, D.C.	FAA	Arch	Fr	I	II
Barrick, Beulah Bernice, B.S., A.M.	Urbana	GRAD	Educ	U	S	
Barron, Edgar Gordon, B.S.	Urbana	GRAD	TAM	U	I	II
Barron, Thomas Sherwood, B.Ed.	Marion	MED	Med	4	S	I II
Barrow, Joseph Mertton	New York, N.Y.	FAA	Arch	Sr	S	I II
Barrow, Martha Lee	Gibson City	LAS	Genl	Fr	S	I II
Barry, Lester Burrage	St. Louis, Mo.	ENG	EE	Jr	S	I II
Barsky, Sidney, B.S.	Maywood	MED	Med	4	S	I
Barstow, Bernard Dale	Galesburg	ENG	Genl	Fr	I	
Bartel, Janie Elizabeth	Sterling	AGR	HEcon	So	I	II
Bartels, Dorothy Helen	Chicago	MED	Med	1	S	I II
Bartels, John Frederick	Chicago	MED	Med	3	S	I II
Bartelt, Doris Mae	Fox Lake	LAS	Genl	Fr	I	II
Barthel, Harold Oscar	Milledgeville	ENG	ME	Fr	I	
Bartley, Mary Frances	Joliet	LAS	Genl	Sr	S	
Barton, David Campbell	Rochester, N.Y.	LAS	Genl	So	S	
Barton, Priscilla Ellen	Rochester, N.Y.	LAS	Genl	Sr	S	
Bartosch, Joseph William	Champaign	ENG	EE	Jr	I	II
Bartosek, Emily Josephine	Chicago	LAS	Genl	Jr	I	
Barty, Eleanor Mathilda	Chicago	LAS	Genl	Sr	I	
Bartusek, James Frank	Chicago	ENG	Genl	Fr	I	II
Bartz, Elenor M.	Chicago	LAS	Genl	Sr	I	II
Baruch, Seymour Russell	Chicago	LAS	PMed	So	I	II
Bascom, Frederick Harold	Decatur	ENG	ME	Sr	S	I
Baskal, Mehmet	Kastamonu, Turkey	ENG	MetE	Sr	S	I II
Baskin, Bernice Barbara	Chicago	LAS	Genl	So	I	II
Basner, Eleanore Mae	Chicago	LAS	PMed	Fr	I	II
Basolo, Fred, B.Ed., M.S.	Christopher	GRAD	Chem	U	S	I
Bass, Joseph	Chicago	FAA	ArchEng	Fr	S	I II
Bass, Paul Brian, Ph.G., D.D.S.	Olney	GRAD	OralSurg	C	S	
Bassey, Ralph Chester	Walpole, Mass.	PE	PE	Fr	I	
Bastien, Eugene Harold, B.S.	Vergennes	MED	Med	3	S	I II
Bastis, Aldona Valeria	Chicago	AGR	HEcon	Jr	S	I II
Bastnagel, William Francis	Mt. Carmel	LAS	PMed	Fr	I	II
Bateman, Amy Lucille	Mansfield	COM	UD	Sr	S	I
Bateman, Vivian Isabell	Mansfield	LAS	Genl	Fr	I	
Bates, Alan Chaloner J. M., A.B.	Champaign	GRAD	Latin	U	I	II
Bates, Marthenia Yvonne, A.B.	St. Louis, Mo.	GRAD	Educ	EM	I	II
Bates, Robert Eugene, A.B.	Oak Park	DENT	Dent	2	S	I II
Battaglio, John Wesley	Belleville	COM	LD	Fr	I	II
Batten, Dorothy Anne	Oak Park	LAS	Genl	So	I	II
Battershell, Bernus Berry, B.S.	Shelbyville	GRAD	Educ	EM	I	
Batts, John Walker	Mt. Vernon	COM	LD	Fr	I	II
Baude, Patricia Jeanne	Oak Park	LAS	Genl	So	I	II
Bauer, Shirley Jane	Urbana	LAS	HEcon	Jr	I	II
Bauer, Virginia Amy	Urbana	LAS	HEcon	So	I	II
Baughman, Mary Louise	Athens	AGR	HEcon	So	I	II
Baughman, Melva Florence	Edinburg	LAS	HEcon	Fr	I	II
Bauling, Frederick George	Beloit, Wis.	ENG	Genl	Fr	I	II
Baum, Geneva Junc	Canton	AGR	HEcon	Fr	I	II
Bauman, Rita L.	Martinton	AGR	HEcon	Sr	I	II
Baumman, Robert Andrew, B.S.	Rochester, N.Y.	GRAD	Chem	U	I	II
Baumrind, Irving	Brooklyn, N.Y.	LAS	PMed	Jr	S	
Baxter, Janice Dale	Downers Grove	LAS	DGS	Fr	I	II
Baxter, Mary Carolyn	Clayton, Mo.	COM	UD	Jr	I	II
Baxter, Raymond Wickham	Burlington, Iowa	COM	LD	Fr	I	

Baxter, William Lindsay	Kansas City, Mo.	ENG	ME	Sr	S		
Bayer, Robert Oliver	Wood River	ENG	MEtE	Sr	S	I	II
Baylor, Martha Barnes, A.B., M.S., Ph.D.	Chicago			Irr	S		
Baylor, Winnie	Urbana	LAS	GenI	Fr	S	I	II
Baysinger, Jean Mae	Streator	LAS	PJnl	So	S		
Bazer, Samuel Zangville	Chicago	LAS	GenI	Fr	S	I	
Bazilchuk, William	Walpole, Mass.	LAS	PMed	Fr	S		II
Beach, Helen Bernice	Jerseyville	LAS	GenI	So	S	I	II
Beall, Betty Jane	Princeville	AGR	HEcon	Fr	S	I	II
Beall, James Morfoot	Alton	COM	UD	Jr	S	I	II
Beaman, Ralph Gardner, A.B.	Plymouth, Mass.	GRAD	Chem	U	S	I	II
Beamer, Paul Donald, D.V.M.	Urbana	GRAD	AnPath	U	S	I	II
Bean, Dixie	Winchester	LAS	Chem	Jr	S	I	II
Bean, Frances Marguerite, B.S.	Golconda	AGR	HEcon	Irr	S	I	II
Bean, Jessie Lee	Golconda	AGR	HEcon	Jr	S	I	II
Bean, Marjory Ruth	Urbana	COM	LD	Fr	S	I	II
Beane, Winifred June	Aurora	EDUC	GenI	Jr	S	I	II
Beard, James Garl, Jr.	Little Rock, Ark.	ENG	EE	Sr	S		
Beaumont, Margaret Johnston	Urbana	AGR	HEcon	Sr	S	I	II
Beavins, Lionel Emerson, B.Ed.	Danforth	GRAD	Educ	U	S		
Becher, Sheldon Wayne	Chicago	AGR	GenI	Fr	S	I	II
Bechly, Fred Lorin	Urbana	ENG	EE	Fr	S	I	II
Beck, Barbara Ann	Ottawa	AGR	HEcon	Sr	S	I	II
Beck, Donald Lee	Springfield	ENG	EE	Fr	S	I	II
Beck, George Wallace	Berwyn	LAS	ChEng	Sr	S	I	II
Beck, Gerald Paul, B.S.	Urbana	GRAD	Physics	U	S	I	II
Beck, Karl Maurice, B.S.	Springfield	GRAD	Chem	U	S	I	II
Beck, Norman W., B.Ed.	Hoyleton	GRAD	Educ	EM	S	I	
Becker, Bernard Nathan	Chicago	LAS	PMed	Fr	S		II
Becker, Charles Francis	Chicago	PE	PE	Fr	S	I	II
Becker, Constance Arline	Mason City	AGR	HEcon	Sr	S	I	II
Pecker, Donald Eugene	Greenview	AGR	GenI	Jr	S	I	II
Becker, Elmer Lewis, B.S., M.S.	Chicago	MED	Med	3	U	S	I
Becker, Elsie Jane, B.Ed.	Moweaqua	GRAD	Econ	U	S		II
Becker, Helen Wynette	Sterling	LAS	GenI	Fr	S	I	II
Becker, Robert Jerome	Rock Island	LAS	PMed	So	S	I	II
Becker, Samuel William, Jr.	Olympia Fields	LAS	PMed	So	S	I	II
Becker, Sarajane Sherri	Chicago	LAS	GenI	So	S	I	II
Bedell, Nellie Helene	Chicago	LAS	GenI	Fr	2	S	I
Bederman, Stuart Stanley	Chicago	MED	Med	2	S	I	II
Bedrick, Cyra	Chicago	LAS	GenI	So	S	I	II
Bee, Margaret Isabel	Aima	FAA	Mus	So	U	I	
Beench, Mayme Josephine, B.S., A.M.	McClure	GRAD	Hist	U	I		
Beeres, Muriel	Chicago	COM	LD	Fr	I		II
Beers, Elizabeth Joyce	McLean	LAS	GenI	Fr	I		II
Beers, Nora Irene	Sidell	GenI	GenI	Fr	I		II
Beezy, Reuben	Chicago	MED	Med	1	S	I	II
Begale, Andrew Michael	Chicago	PHARM	Pharm	4	S	I	II
Behnke, John Adolph	Bloomington	ENG	ME	Fr	I		II
Behnke, Mary Grace, A.B.	Hamilton	GRAD	Educ	EM	I		
Behrends, Dale Franklin	Manteno	ENG	CE	Fr	I		
Behrens, Jacqueline Marvelle	Quincy	FAA	Mus	Fr	S		II
Beidelman, Betty Jane	Naperville	AGR	HEcon	Jr	S	I	II
Beitel, Ruth Jeanne	Chicago	AGR	HEcon	Jr	S		II
Belaire, Wilfred Maurice, D.D.S.	Rochelle	GRAD	Orthod	C	S	I	II
Belcher, Eleanor	Marinette, Wis.	GRAD	GenI	Fr	S	I	
Belden, Thomas Graham	Chicago	LAS	GenI	Fr	I		
Bell, Frederick Douglas	Coral Gables, Fla.	ENG	EPhy	Jr	I		
Bell, Jesse Emerson, B.Ed.	Champaign	LAS	GenI	Fr	I		II
Bell, Virginia Lyle	Pulaski	GRAD	Zool	EM	S	I	II
Bell, William Wenland, A.B.	Toledo, Ohio	DENT	Dent	Unc	S	I	II
Belland, Mary Rose Antoinette	Chicago	LAS	GenI	2	So	I	II
Belluomini, Henry Angelo	Chicago	LAS	ME	So	S	I	II
Below, Helen Irene	Maywood	ENG	GenI	Jr	S	I	II
Belson, George Peter	Danville	ENG	ME	Sr	S	I	II
Belting, Dorothy Jean, A.B.	Chicago	ENG	ME	Sr	S	I	II
Bendas, Michael	Urbana	FAA	Mus	Irr	S	I	II
Bendel, Theodore Murley	Yonkers, N.Y.	ENG	ME	Jr	S		II
Bender, Eugene Jacob	Plano	LAS	PLaw	Jr	S		II
Bender, Harvey H.	East St. Louis	LAS	GenI	Sr	S	I	II
Bender, Marion Ruth	Chicago	COM	LD	Fr	S	I	II
Bendinelli, Walter Peter, B.S.	Chicago	AGR	HEcon	So	S	I	II
Bengelsdorf, Irving Swem	Chicago	DENT	Dent	1	S	I	II
Benjamin, Betty Beryngton	Chicago	LAS	Chem	Sr	S		
Benjamin, Vivian Audrey	Glen Ellyn	LAS	GenI	Sr	S	I	II
Benna, Marion Dorothy	Chicago	FAA	Art	Fr	S	I	II
Benner, Laura Hester	Cicero	AGR	HEcon	Fr	S	I	II
Bennett, Alfred McDowell	Urbana	AGR	GenI	Fr	S	I	II
Bennett, Alice Catherine	Cairo	LAS	PMed	So	S	I	II
Bennett, Bette Louise	Brownstown	AGR	HEcon	Sr	S	I	II
Bennett, Doris Lucile	Rochelle	JNL	EJnl	Fr	S	I	II
Bennett, Edmond H., B.S., M.S.	Farmer City	LAS	GenI	Jr	S		
Bennett, Elsie Beth	Urbana	GRAD	Agron	U	S	I	II
Bennett, Mary Rosleyn	Erie	AGR	HEcon	Jr	S	I	II
Bennett, Richard Menefee, B.S.	Evanston	LAS	GenI	Fr	S	I	II
Bennett, Richard Paul	Decatur	GRAD	Educ	U	S		
Bennett, Richard Paul	Vancouver, Wash.	FAA	ArchEng	Sr	S	I	

Bennett, Ruth Lorraine, B.Ed.	Farmer City	GRAD	HEcon	U	S	
Benning, Shirl Helmts	Davis	DENT	Dent	2	S	I II
Bennitt, Ralph Anderson, Jr.	Barrington	ENG	CE	Sr	S	
Benno, Theodore John	Chicago	LAS	PLaw	Fr		I
Benson, Allen Merrill	Akron, Ohio	ENG	ME	Fr		I
Benson, John Stephen	Chicago	MED	Med	1	S	I II
Benson, Lou Ann	Robinson	LAS	Genl	Jr		I II
Benson, Martha F. Schroeder, B.S.	Gibson City	AGR	HEcon	Irr		I II
Benson, Martha Louise	Harrisburg	JNL	Jnl	Sr		I II
Benson, Martin	East St. Louis	COM	LD	Fr	S	
Benson, Phyllis Arlene Roberts	Akron, Ohio	LAS	Genl	Jr		I
Bent, Mary Katherine	Joliet	LAS	Genl	Jr	S	I
Benton, Barbara Ann, A.B.	Champaign	GRAD	Psychol	U	S	
Benton, Eva Faye, A.B., A.M., B.S., M.S.	Champaign	LAS	Genl	Irr		I II
Benvenuti, Hansel, B.S.	Cicero	MED	Med	1	S	I II
Ben Zion, William Hesser	Chicago	COM	LD	So		I
Berg, Betty Lee	Maywood	LAS	Genl	Fr		I II
Berger, Arthur William	Maywood	LAS	ChEng	Fr	S	I
Berger, Joseph William, B.S.	Paxton	GRAD	Educ	U	S	
Berger, Lois Jane	Chicago	AGR	HEcon	Fr		I
Berger, Myra Henrietta	St. Louis, Mo.	LAS	Genl	Fr		I II
Berger, Robert Law	Danville	ENG	EE	Sr		I
Bergren, Lillian Yvonne	FANG	Mus	Fr	I		I
Bergman, Laverne Ann	Chicago	PE	PE	Sr	S	I II
Bergman, Ralph Alexander	Chicago	COM	UD	Sr	S	I
Bergmann, Harriet Josephine	Oak Park	LAS	Genl	Sr	S	I II
Bergmann, Harry Willard	Beardstown	MED	Med	4	S	I
Bergquist, Stanley Frithof	Rockford	LAS	PMed	So	S	I
Berkman, Patricia Lotta	Chicago	COM	LD	Fr		I II
Berkowitz, Pernice	Chicago	LAS	Genl	So		I
Berkowitz, David Leonard	Bayonne, N.J.	LAS	PDent	Fr		I
Berkowitz, Esther Ann	Mattoon	LAS	Genl	Sr		I II
Berkowitz, Evelyn	Chicago	LAS	Genl	Jr		I
Berkowitz, Joseph Samuel	Danville	LAS	Chem	So	S	I II
Berkowitz, Marion	Mattoon	LAS	Genl	So		I II
Berkson, Myra	Chicago	LAS	Genl	Fr		I II
Berland, Albert Edward	Chicago	LAS	PMed	Fr		I
Berman, Barry Leonard	Chicago	LAS	Chem	Fr	S	I II
Berman, Charles Franklyn	Chicago	LAS	ChEng	Sr		I
Berman, Gloria	Detroit, Mich.	EDUC	Genl	Jr		I II
Berman, Mynette Miriam	Peoria	LAS	Genl	Fr		I
Berman, Sidney Martin	Chicago	LAS	PJnl	Fr		I II
Berman, Walter Elliott	Chicago	MED	Med	1	S	I II
Bernardi, Hugh, B.S.	Highwood	MED	Med	4	S	I
Berne, Bernard	Brooklyn, N.Y.	LAS	PMed	Fr		I II
Berner, Marshall Keith, B.Ed.	Sparland	GRAD	Educ	EM	S	I
Berngen, Dorothy	Park Ridge	LAS	HEcon	Jr		I II
Berns, Bertha Clara, B.S.	Oconee	GRAD	Educ	U	S	I II
Bernsohn, Joseph, B.S., M.S.	Champaign	GRAD	AnHusb	U	S	
Bernstein, Haskell Eugene, A.B., B.S.	Chicago	MED	Med	4	S	I
Bernstein, Lionel Mandel	Chicago	MED	Med	2	S	I II
Bernstein, Marjorie S.	Chicago	LAS	Genl	Jr		I II
Bernstein, Paul, B.S.	Bronx, N.Y.	DENT	Dent	4	S	I II
Bernstein, Yetta Lillian	Sterling	LAS	Genl	So	S	I II
Berry, Marion	Chicago	EDUC	Genl	EM		I II
Berry, Thelma Anna Jane	Carrollton	AGR	HEcon	Jr		I II
Bert, Helen Elizabeth	Chicago	EDUC	Genl	Sr	S	I II
Bertagnolli, Albert Joseph	Benld	LAS	Chem	Fr	S	I
Bertelsen, William Robert	Rock Island	LAS	PMed	Jr		I
Berthrong, Edna E. Marr, B.S.	Champaign	GRAD	Psychol	U	S	
Bertoni, Waldo Emmerson	Mt. Pulaski	ENG	CE	Fr		I II
Bertrand, Raynold Peter, A.B.	Kankakee	GRAD	Educ	EM	S	I
Bertrando, Bertrand Robert	Chicago	LAS	ChEng	Fr		I II
Beshers, Mary Jane, A.B.	El Paso	LIB	LibSci	1	S	
Besore, Francis Shelby	Wheaton	LAS	ChEng	Fr	S	
Besperska, Jack Charles	St. Louis, Mo.	LAS	ChEng	So		I II
Bessinger, Herbert Edwin	Chicago	DENT	Dent	1		I II
Beste, Lawrence Forwood, B.Mus., M.Mus., B.S.	Monmouth	GRAD	Chem	U	S	I II
Betzberger, Gilbert Ray	Delavan	AGR	Genl	Sr	S	I
Bevan, Carolyn Louise	Champaign	LAS	Genl	So		I II
Bever, Robert Joseph	Danville	LAS	Chem	U	S	I II
Beverly, Hazel Lillian, A.B.	Elgin	GRAD	Engl	U	S	
Beyer, Donald	Chicago	PE	PE	Sr	S	I II
Bezans, Chrysanthe	Chicago	LAS	Genl	Jr		I II
Bialas, Francis Joseph	Chicago	ENG	CE	Sr	S	I
Bialik, Rachele	Chicago	LAS	Genl	Fr		I II
Bianchetta, John Francis	So. Standard	ENG	FE	Jr		I
Biasi, Charlotte Jean	Normal	PHARM	Pharm	1	S	I
Biasi, Helen Nancy	Normal	PHARM	Pharm	2	S	I II
Bickel, Jane Lutrelle	Chicago	LAS	Genl	Jr		I II
Bickel, Lucile Clark	Chicago	LAS	Genl	1		I
Bicknell, William Orvis	Greenville, Ohio		Unc	2	S	I II
Bierbaum, Elizabeth Ann	Yankton, S.Dak.	DENT	Dent	2	S	I II
Biermann, Hans Joadrim	Anna	LAS	Genl	Sr		I II
Biggers, John Tollie	Champaign	AGR	Genl	Jr	S	I II
	Springfield	ENG	CE	Fr	S	I II

Bilder, Helen, B.S.	Chicago	GRAD	Psychol	C	S		
Bilderback, Jean	Danville	LAS	OccTher	Jr		I	II
Biliskis, Albert George, B.S.	Chicago	DENT	Dent	3	S	I	II
Billingsley, Margaret Kathaleen	Arcola	LAS	Genl	Fr		I	II
Birch, Barbara Jean	Western Springs	LAS	Genl	So		I	II
Bird, Harris Hamilton, B.S.	Quincy	DENT	Dent	1	S	I	II
Bird, Ruth, B.S.	Oak Park	GRAD	PE	U	S		
Birdzell, Samuel Henry, B.S.	Champaign	GRAD	Educ	U		I	II
Birk, Russell Charles	Chicago	LAS	PLaw	Fr		I	II
Birkner, Marion Louise	Chicago	LAS	Zool	Jr		I	II
Birr, Robert Edward	Lombard	LAS	Chem	Fr	S	I	II
Bishop, Ruth Stewart	Tucson, Ariz.	LAS	Genl	Sr		I	
Bisk, Sylvia Celia	Chicago	LAS	Genl	Fr		I	II
Biska, Harold Vincent	Niles	LAS	PMed	So	S	I	
Biss, Lucille Elizabeth	Chicago	LAS	Genl	So	S	I	
Bissell, Dorothy May	Elgin	LAS	Genl	Sr	S	I	II
Bisson, William David	Oak Park	FAA	LArch	Fr		I	II
Bitzer, Margie Blanche	Collinsville	LAS	DGS	Sr	S	I	
Bjelland, Robert Emmons	Millbrook	COM	UD	Sr	S	I	
Black, Alma Madeline	Fairmount	AGR	HEcon	So		I	II
Black, Lois Ellen	Rockford	COM	LD	So		I	II
Black, Mary Ann	Fairmount	LAS	Genl	Fr		I	II
Black, Mary Moscrip	Chicago	LAS	Genl	Sr		I	II
Black, Minnie Lou	Chicago	LAS	Genl	Fr		I	II
Blackburn, Walter Evans, A.B., M.S.	Urbana	GRAD	Chem	U	S	I	II
Blacker, George Curtis, A.B.	Norris City	GRAD	Educ	U	S		
Blackford, Betty Chesnut	Danville	AGR	HEcon	Fr		I	
Blackman, Jack Colwell	Danville	FAA	ArchEng	Fr		I	II
Blackstone, Louise	Walkerton, Ind.	LAS	DGS	So		I	II
Blackwell, Booker Taliaferro, A.B.	Madison	GRAD	Educ	EM		I	II
Blackwell, Perry Lee	Maywood	FAA	Mus	Fr		I	II
Blaha, Elsie Elizabeth	North Riverside	LAS	DGS	Fr		I	II
Blair, Betty Lou	Springfield	FAA	Art	Fr		I	II
Blair, McKendree McElfresh, A.B., S.T.B.	Jacksonville	GRAD	Philos	U	S		
Blanchard, Ida Jayne	Sterling	LAS	Genl	So		I	II
Blankinship, William Aubrey, A.B.	Urbana	GRAD	Math	U		I	II
Blatt, Julia Ann	Waukegan	LAS	Genl	Fr		I	II
Blazier, Elenora Irene	East St. Louis	AGR	HEcon	Fr		I	II
Blechman, Harold	Chicago	LAS	PDent	Fr	S	I	II
Blimling, Lois Lee	Dixon	LAS	Genl	Fr		I	II
Blinder, Bernice	Chicago	COM	LD	Fr		I	II
Bliss, Paula Marie	Glencoe	LAS	Genl	Jr		I	II
Blix, Fred Mayor, A.B.	Chicago	MED	Med	4	S	I	
Block, Bernard	Chicago	LAS	PMed	So	S	I	
Bloem, Harold Henry, A.B.	Glenvil, Nebr.	GRAD	Physics	U	S	I	
Blomquist, John Robert	Neoga	LAW	Law	3	S	I	
Bloom, Estella Maxine	Urbana	LAS	Genl	Fr		I	II
Bloom, Philip, B.S., M.S.	Syracuse, N.Y.	DENT	Dent	1	S	I	II
Bloom, Sally Jean	Chicago	LAS	Genl	So		I	II
Bloomberg, LaVerne Sylvia	Chicago	LAS	Genl	So		I	II
Blount, Bradford Goff	Evanston	COM	UD	Sr	S		
Bluefarb, Eva Louise	Chicago	LAS	Genl	Sr		I	II
Blum, Arthur Jay	Chicago	ENG	Genl	Fr		I	II
Blum, Eleanor, A.B., B.S.	Urbana	GRAD	LibSci	U	S	I	II
Blum, Florence	Champaign	LAS	Genl	So	S		
Blum, Sylvia Antoinette	Chicago	LAS	DGS	Fr		I	
Blumenschein, Joan Marie	Tremont	LAS	PJnl	Fr		I	II
Blumenthal, Samuel Corman	Chicago	FAA	Arch	Sr	S	I	
Blunt, Frances Marie	Elmhurst	COM	UD	Sr		I	II
Blythe, Granville Verne, B.Ed.	Westfield	GRAD	Educ	U	S		
Bobick, Melvin Theodore	Chicago	LAS	PMed	Fr		I	II
Bobinski, Virginia Harriet	Chicago	LAS	Genl	Jr		I	II
Bodenbach, Florence Caroline, B.S., M.S.	Waterloo	GRAD	Educ	U		I	II
Boe, Harriet June	Lemont	JNL	Jnl	Sr	S	I	
Boesenberg, Earl Harold	Elmhurst	ENG	EE	Sr		I	
Boettcher, June Madelyn	Rockford	LAS	Genl	Fr		I	II
Boettcher, Selma E.	Chicago	LAS	Genl	Jr	S	I	II
Boettcher, Stephen Arthur	Evanston	LAS	Genl	Fr		I	II
Bogan, Naomi Roxanna	Mt. Vernon	EDUC	Genl	Sr	S	I	
Bogatto, John Lito	Chicago	ENG	CE	So	S	I	II
Boggio, Joseph Alexander	Auburn	PHARM	Pharm	1	S	I	II
Boggs, Andrew Thompson, III	Westfield, N.J.	ENG	EPhy	Fr		I	
Bohbrink, John Robert	Nashville	COM	LD	Fr		I	II
Bohl, Helen Frances	Peoria	LAS	Genl	Sr	S	I	II
Bohl, Robert Walter	Peoria	ENG	MetE	So		I	II
Bohon, Robert Lynn	Decatur	LAS	ChEng	Fr		I	II
Bokenkamp, Harry Jack	Clay City	ENG	Genl	Fr	S		
Bold, Shirley Dorothy	Chicago	LAS	Genl	Fr		I	II
Boley, Charles Chilton, B.S., M.S.	Champaign	GRAD	MinE	U	S	I	II
Bolliger, Shirley Jean	Tremont	LAS	DGS	Fr		I	II
Bollinger, Marion	Chicago	LAS	Genl	Fr		I	II
Bolman, Paul Meredith, B.S.	Champaign	GRAD	Speech	U	S	I	II
Bolton, Wilbur Earl	Chicago	AGR	Genl	Fr		I	
Bomash, Gloria	Chicago	LAS	Genl	Fr		I	II
Bonauo, Anna Carola, B.Ed.	Zeigler	GRAD	Educ	U	S		
Bond, Florence Irene, B.Ed.	Abingdon	GRAD	Educ	U	S		

Bondy, Rochelle Hella	Chicago	AGR	Genl	Jr		I	II
Bone, Ernst Chester, A.B., A.M.	Prairie City	MED	Med	Jr	S	I	II
Bonhardt, Marilyn Irene	Belleville	LAS	Genl	Fr		I	II
Bonne, Barbara Jeanne	Genoa	LAS	DGS	Fr		I	II
Bonner, Elizabeth Catherine	Fairfield	AGR	HEcon	Fr		I	II
Bonner, Lyman James	Lake Villa	COM	LD	Fr		I	II
Bonnett, Ann Thrower, B.S.	Chicago	MED	Med	3		S	II
Bonnett, Dovell Nicholas, A.B.	Tuscola	MED	Med	4		S	II
Bonnett, Orville Thomas, Jr.	Urbana	LAS	PMed	So		I	II
Bonney, Marian Ann	Staunton	LAS	Genl	Sr		I	II
Bontemps, Carl Willis	Taylorville	LAS	ChEng	Jr		S	II
Booker, Jo Anne	Illioipolis	PE	PE	Sr		S	II
Booker, Ruth Beatrice	Lovington	LAS	Genl	Fr		I	II
Boor, Alden Kinney	Chicago	MED	Med	2		S	II
Booth, Margaret Rae, A.B.	Oxford, Ohio	GRAD	Span	2		S	II
Borak, Walter John	So. River, N.J.	MED	Med	2		S	II
Borchers, Betty Jane	Gibson City	COM	LD	So		I	II
Borde, Patsy Ruth	Chicago	FAA	Art	Fr		I	II
Borgerson, Robert James, A.B., B.S.	Grafton, N.Dak.	MED	Med	4		S	II
Borgsmiller, William Jennings	Murphysboro	MED	Med	1		S	II
Borin, Ralph	Detroit, Mich.	ENG	CE	So		I	II
Borkenhagen, Raymond Herbert, A.B.	Chicago	DENT	Dent	3		I	II
Borkenhagen, Robert Herbert, B.S.	Chicago	DENT	Dent	1		I	II
Borklund, Maurice Kennedy	Chicago	DENT	Dent	3		I	II
Borman, Aleck, B.S.	Morocco, Ind.	LAS	Genl	Sr		I	II
Born, Harold Willard, A.B.	Toledo, Ohio	GRAD	Chem	U		S	II
Born, Ruth Katherine	Elgin	DENT	Dent	4		I	II
Bornstein, Herschel	Bensenville	AGR	HEcon	Fr		I	II
Bossing, Mildred Elise	Gary, Ind.	LAS	PMed	Fr		I	II
Boston, Ostra Marie	Western Springs	LAS	Genl	Fr		I	II
Boswell, James Lowe, III, B.S.	Champaign	LAS	Genl	Fr		I	II
Bothwell, Martha Lou	Collegetville, Pa.	GRAD	Math	U		I	II
Botteron, Dorothy Louise	Urbana	LAS	Genl	Sr		S	II
Bouer, Robert	Wood River	LAS	Genl	Jr		I	II
Boulanger, Jeanne Deloris	Chicago	LAS	PMed	So		S	II
Boulware, Barbara Ann	Peoria	JNL	EJnl	Fr		I	II
Bounds, Logan Keith	Champaign	LAS	Genl	So		I	II
Bouslog, Nye Fulton	Dieterich	COM	UD	Sr		S	II
Boutillier, Louis Philippe, B.S., M.S.	Paris	AGR	Genl	U		S	II
Bowditch, Frederick Wise	Montreal, Canada	GRAD	Chem	U		S	II
Bowditch, Helen Elizabeth	Lakewood, Ohio	ENG	Genl	Sr		S	II
Bowen, Anna Marie	Lakewood, Ohio	AGR	HEcon	Fr		S	II
Bowen, Dorothy Jeanne	Herrin	LAW	Law	2		S	II
Bower, Irene Rose	Delphi, Ind.	FAA	Art	Jr		I	II
Bower, Robert Davidson, B.S.	La Moille	EDUC	Genl	Jr		S	II
Bower, Shirley Claire	Bement	MED	Med	4		S	II
Bowers, Emma Kay	Champaign	LAS	Genl	Fr		I	II
Bowers, LeRoy John, Ph.C., B.S.	Gibson City	FAA	Mus	Sr		I	II
Bowles, Theola Deloris	Waukegan	MED	Med	4		S	II
Bowman, Eleanor Mae	Champaign	LAS	Genl	Fr		I	II
Bowman, Elizabeth Dale	Kankakee	LAS	Genl	Fr		I	II
Bowman, Marcia Brown, A.B., A.M.	Gillespie	LAS	Speech	Sr		S	II
Bowman, Mary Jean	Champaign	GRAD	Engl	U		I	II
Bowman, Rebecca Jane, A.B.	Monticello	AGR	HEcon	Fr		I	II
Bowman, Russell Allen	South Bend, Ind.	LIB	LibSci	1		S	II
Bowton, Forrest Lowell, A.B.	South Bend, Ind.	COM	UD	Jr		S	II
Bowton, Virginia Eleanor	Sheldon	MED	Med	2		S	II
Boyd, Hugh Thomas	Sheldon	COM	LD	Fr		S	II
Boyd, Samuel Neil, Jr., B.S.	Aroma Park	ENG	CE	Sr		S	II
Boyer, Lois Reace	Penns Grove, N.J.	GRAD	Chem	U		I	II
Boyle, Francis Albert	Chicago	AGR	HEcon	Sr		I	II
Boyle, Margaret Woodroe	McNabb	AGR	Genl	Sr		S	II
Bozarth, Charles Miller, B.Ed.	Fairmount	JNL	Jnl	Sr		I	II
Braaten, Lawrence Christ, B.S.	McLeansboro	GRAD	Educ	EM		I	II
Braband, Shirley Alice	Chicago	GRAD	Educ	EM		I	II
Brace, Kirkland Clifford, A.B.	Chicago	LAS	Genl	Fr		I	II
Braden, Doris Aileen	Maywood	MED	Med	2		S	II
Brader, Marie Louise	LaFayette	LAS	Genl	Fr		I	II
Bradley, Anne Harriet	Barrington	LAS	Genl	So		I	II
Bradley, Betty Frances	Peoria	LAS	Genl	Sr		S	II
Bradley, Charles E., Jr., B.S.	Springfield	LAS	Genl	Jr		S	II
Bradley, Dorothy Frances	Blue Mound	GRAD	Econ	U		S	II
Bradley, Joseph Jeremiah	Lombard	PHARM	Pharm	2		S	II
Bradley, Margaret Tague	Chicago	LAS	Genl	Sr		S	II
Bradley, Roberta Ann	Chicago	MED	Med	3		S	II
Bradley, Theron Arnold	Greenview	LAS	Genl	Jr		S	II
Bradley, William Alfred	Avon	PE	PE	So		S	II
Brady, Chris Robert	Springfield	LAS	Genl	Fr		S	II
Braeuninger, William Bryan, B.S., M.S.	Champaign	PHARM	Pharm	4		S	II
Bragazzi, Olive L.	Athens	GRAD	Agron	EM		I	II
Brahana, Thomas Roy	Batavia, N.Y.	FAA	Art	1		I	II
Brahin, Leona	Urbana	LAS	So	So		S	II
Brain, William Herbert	Waukegan	LAS	DGS	Fr		I	II
Brainin, Norinan Herbert	Chicago	ENG	Genl	Sr		S	II
Braunlet, June Ruth	Chicago	LAS	ChEng	Fr		I	II
	Peoria	LAS	Genl	Fr		I	II

Brand, Carol Thrift	Oak Park	LAS	Genl	Jr	I	II
Brandenburger, Ann	Belleville	PE	PE	Jr	I	II
Brandes, Dorothy June, A.B.	Evanston	LIB	LibSci	1	S	
Brandt, Raymond Arthur, B.S.	Chicago	MED	Med	4	S	I
Brandwein, Herbert Allen	Chicago	COM	LD	Fr	S	I II
Brandwein, Ruth Eleanor	Chicago	EDUC	Genl	So	I	II
Branigan, Imogene Wolfe	Aledo	LAW	Law	2	I	II
Brann, William Faul	Equality	AGR	Genl	So		II
Brannon, Mildred Jeannette, A.B.	Urbana	FAA	Arch	Irr	I	II
Bransky, Gloria	Chicago	LAS	DGS	Fr	I	II
Brant, Naomi Ruth	Oelwein, Iowa			Unc	S	
Bratt, Lorene Ethel, B.Ed.	Washburn	GRAD	Bot	U	S	
Braude, Clara Belle	Chicago	LAS	Genl	Fr	I	
Brauerman, Doris Natalie	Chicago	LAS	Chem	Fr		II
Braun, William Joseph	Belleville	PE	PE	Fr	S	
Braun, Willis Henry	Williamsville	ENG	EPHy	Sr	S	I
Bray, Edward Charles	Utica	PE	PE	Fr	S	I II
Brechtel, Ida Margaret, B.S.	Lena	MED	Med	1	S	I II
Breckenridge, Dorothy Lee	Granite City	PE	PE	So	S	I
Breckenridge, James Robert	Rockford	AGR	Genl	Jr	I	II
Breese, Esther Ruth	Yorkville	COM	LD	Fr	I	II
Breiner, Sander James	Chicago	FAA	LArch	So	S	I
Bremer, Dorothy Cathron	Danville	LAS	Genl	So		II
Bremer, Milton Irving	Pontiac	JNL	Jnl	Sr	S	
Breneman, Eunice Emma	Davis	AGR	HEcon	So	I	II
Brennan, Emmagene Margaret	Rochelle	JNL	EJnl	Fr	I	II
Brenneman, Marjorie Ann	Urbana	AGR	HEcon	Sr	S	I II
Brenner, Gilbert Ellis	Cissna Park	JNL	Jnl	Sr	I	II
Brenner, Joanna Mae	Cissna Park	LAS	Genl	Fr	I	II
Brenner, Muriel Hanna	Chicago	LAS	Genl	Sr	S	I
Brent, Booker Taliaferro	Washington, D.C.	FAA	Arch	Fr	I	
Bresce, James Collins	Champaign	LAS	ChEng	So	I	II
Bressler, Leonard	Chicago	LAS	PMed	Fr	S	I II
Bressler, Ralph Martin	Chicago	LAS	PDent	Fr	S	I
Brewer, Joseph Arthur, B.Ed.	Alton	GRAD	Educ	EM		I II
Brewer, Melvin Clay, B.S.	Carbondale	GRAD	PE	U	I	II
Bricker, Mildred Lavern, B.S., M.S.	Maroa	GRAD	AnHusb	U	S	I II
Bricker, Oliver Herbert, A.B.	Downers Grove	MED	Med	4	S	I
Brickman, Isold Jean	Chicago	LAS	Genl	Jr		II
Brickner, Cecil Wright, A.B.	Peoria	GRAD	Educ	EM		II
Brickner, Renee	New York, N.Y.	LAS	Genl	Fr		II
Brigham, William Henry	Urbana	AGR	AnHusb	Fr	S	
Bright, Helen Louise	Champaign	LAS	PJnl	Sr	S	I
Brinkerhoff, Claire	Flossmoor	LAS	Genl	Jr		II
Briscoe, Helen Fern	St. Joseph	LAS	Genl	Fr	I	II
Brisendine, Bruce Friederich	Seneca	LAS	ChEng	Fr	S	
Britan, Seymour	Chicago	LAS	Genl	Fr	S	I II
Britton, Estelle R., B.Mus., M.Ed.	Chicago	GRAD	Mus	U	I	II
Broady, Audrey	Chicago	LAS	PLaw	Fr	I	II
Brock, Jean Audrey Mae	Kirkwood, Mo.	LAS	ChEng	Fr	I	II
Brock, Marilyn Jean, B.S.	Indianapolis, Ind.	GRAD	Chem	U	I	II
Brockman, Seymour Joseph, B.S.	Chicago	MED	Med	3	S	I II
Brode, Elaine Lila	Detroit, Mich.	LAS	Genl	Fr		I II
Broderick, Francis William, A.B.	Atchison, Kans.	GRAD	Educ	U	S	
Brodie, Margaret Ruth	Mellington	LAS	Genl	Fr		II
Brodsky, Erna Reeva	Quincy	LAS	Genl	Fr	I	II
Brodsky, Martha	Chicago	LAS	Genl	Sr	S	I
Brody, Jerome	Chicago	PHARM	Pharm	2	S	I II
Brome, Charles Norman, B.S.	Chicago	ENG	AgEng	Irr	S	
Brons, Joan Frances	Chicago	LAS	OccTher	Fr	S	I II
Brons, Patricia Louise	Chicago	EDUC	Genl	Sr		II
Bronstein, Irving	Chicago	LAS	PMed	Fr	I	II
Brooks, Charlotte	Chicago	LAS	Genl	Fr	I	
Brooks, Frances Carol, A.B.	Vermillion, S.Dak.	LIB	LibSci	1	S	I II
Brooks, Helen Irene	Stronghurst	LAS	Genl	So	I	II
Brooks, Marillyn	Springfield	LAS	Genl	Jr	I	II
Brooks, Shirley Knuckey	Winchester	PE	PE	Jr		II
Broom, Ernest Vail	Alma	ENG	AgEng	Sr	S	I
Broome, Netajean Grace	East St. Louis	LAS	PMed	Jr		II
Brophy, Edmond Michael, A.B.	Peoria	MED	Med	1	S	I II
Brosilow, Jerrold Layton	Chicago	LAS	ChEng	Fr		II
Brothers, Paul La Vere	Lawrenceville	LAS	PMed	Fr	S	I II
Brouillette, Frederick, Jr.	Palmer, Mass.	ENG	ME	Jr	I	
Brous, Nelson James	Brooklyn, N.Y.	ENG	EE	Fr	S	I II
Brous, Phyllis	Woodmere, N.Y.	AGR	HEcon	Fr	I	II
Browdy, Howard Harry	Chicago	ENG	CerE	Fr	S	I II
Brown, Adolf, A.B.	Wilkes-Barre, Pa.	DENT	Dent	4	S	I II
Brown, Audrey Jane	Hillsboro	LAS	Genl	So	I	II
Brown, Barbara E.	Chicago	LAS	Genl	So	I	II
Brown, Carl Frank, Jr.	Oak Park	ENG	ME	Sr	S	I
Brown, Carol	Pekin	PE	PE	Fr		II
Brown, Cayloma, A.B.	St. Louis, Mo.	GRAD	Educ	EM		II
Brown, Charles Edgar	Danville	ENG	ME	Fr	I	II
Brown, David Robert	Kewanee	LAS	PLaw	Fr	I	II
Brown, Dollie Dolores, B.S.	East St. Louis	GRAD	Educ	EM	I	

Brown, Donald Q.	Chicago	ENG	Genl	Fr	S	I
Brown, Dorothy Lou	Whiting, Ind.	EDUC	Genl	Sr	S	I
Brown, Douglas Arthur	Joliet	ENG	Genl	Fr	S	I
Brown, Elizabeth Harriett, B.S.	Peoria	GRAD	Educ	EM		II
Brown, Harold McLin	Hillsboro	LAS	Genl	Fr	S	I
Brown, Hazel La Verne	Monticello	LAS	DGS	Fr		II
Brown, Helen Hart Rumble, B.S., A.B., A.M.	Urbana	GRAD	Educ	U	S	I
Brown, Joan Elizabeth	Wyoming	LAS	Genl	So		II
Brown, John Frawley, B.S., A.M.	Springfield	GRAD	Educ	EM		I
Brown, Lyman Robert, B.S.	Peoria	GRAD	Educ	EM		II
Brown, Mark Shields, B.S.	Latham	GRAD	Agron	EM		I
Brown, Mary Ellen	Clifton	LAS	PJnl	So		II
Brown, Maurice Lee	Kansas City, Mo.	ENG	Genl	So		II
Brown, Maynard Herbert	Kansas City, Mo.	AGR	Genl	Fr		II
Brown, Miriam Phyllis, A.B.	East Liverpool, Ohio	LIB	LibSci	1	S	I
Brown, Naomi Gloria	Chicago	PHARM	Pharm	2	S	I
Brown, Otis Barton, B.S.	Beason	GRAD	AgEcon	U		II
Brown, Patricia Jane	Urbana	LAS	Genl	Fr		II
Brown, Phyllis Jean	Urbana	LAS	Genl	So	S	I
Brown, Robert Milan	Western Springs	LAS	ChEng	Fr		II
Brown, Robert Waldo	Oak Park	ENG	EPhy	Fr		II
Brown, Ronald H.	Chicago	ENG	Genl	Fr	S	I
Brown, Sarah Elizabeth, A.B., A.M.	Rockford	GRAD	Educ	EM		I
Brown, Sharon Hortense	Chicago	LAS	DGS	So		II
Brown, Theodore Jackson	Crawfordsville, Ind.	LAS	Genl	So		I
Brown, Victor La Verne, B.Ed.	Urbana	GRAD	PE	U		I
Brown, Virginia Helene	Springfield	JNL	Jnl	Sr	S	I
Brown, William McKinley	Chicago	LAS	PMed	Fr		II
Browne, Lewis Carlton Lindsey	Abilene, Tex.	ENG	CE	Fr		II
Browne, Robert Bell	Urbana	ENG	ME	Sr		II
Browne, Robert Span	Chicago	LAS	Genl	Sr	S	I
Browne, Samuel Prescott	Hoopeston	COM	LD	So		II
Browning, Carroll Welles, B.M.	Chicago	MED	Med	4	S	I
Browning, Elizabeth Jeanette	Potomac	LAS	Educ	Jr	S	II
Browning, H. Levi, B.Ed.	Valier	GRAD	Educ	EM		II
Browning, Loren Clyde, B.Ed.	Clinton	GRAD	Educ	U		II
Browning, Marie H.	Urbana	FAA	Art	So	S	I
Broyles, June	Mt. Vernon	LAS	Genl	Fr		I
Brubaker, Martin Edward	Litchfield	LAS	Genl	Fr	S	I
Bruce, Nancy Jane	Lockport	LAS	Genl	Fr		II
Bruecker, John Frank	Milwaukee, Wis.	ENG	CE	Sr	S	I
Bruell, Lawrence Lyle	St. Charles	ENG	ME	Fr		I
Brumbach, Barbara Louise	Dwight	LAS	Genl	Sr	S	I
Brumbach, Joyce Elaine	Lake Villa	AGR	HEcon	Fr		II
Brumbaugh, Elizabeth Kathryn	Benton	LAS	PMed	Sr		II
Bruner, Bernice Isabelle, A.B.	Evansville, Ind.	LIB	LibSci	1	S	I
Bruner, Ida Blanche, B.Ed.	Fairview	GRAD	HEcon	U	S	I
Bruner, Mary Elizabeth	Urbana	FAA	Art	Fr		II
Brunskill, Dorothy Marie	Reddick	LAS	HEcon	So	S	I
Brunst, Millie Anne	Chicago	LAS	Genl	Fr		II
Brussell, Gerald	Chicago	LAS	PMed	So	S	I
Brusslan, Dan	Chicago	LAS	Genl	Fr	S	I
Bryant, Evelyn Joyce	Xenia	LAS	DGS	Fr		II
Bryant, Gertrude	Chicago	AGR	Genl	Fr		II
Bryant, Mary Carolyn	Danville	JNL	EJnl	Fr		II
Bucher, Kenneth Ivan, B.S.	Peoria	GRAD	Educ	EM		I
Buchholz, Olive Peterson	Urbana	LAS	Genl	Fr		I
Buck, Eunice B.	Sheldon	LAS	Genl	Fr		II
Buck, Virginia Margaret	Champaign	LAS	Genl	So		II
Buckingham, Richard Albert	Oak Park	MED	Med	1	S	I
Buckman, Jane Marie	River Grove	LAS	PE	Fr		II
Buckner, Jean Simmons	Northboro, Mass.	LAS	Genl	So		II
Buddenbaum, Ralph Louis	Indianapolis, Ind.	FAA	Art	So		II
Budna, Anna Elizabeth, A.B.	Forest Park	GRAD	Engl	U		II
Budwig, Ira Adolph, Jr.	Chicago	MED	Med	1	S	I
Budwig, Samuel Mark, Jr.	Chicago	LAS	Genl	Fr	S	I
Budzik, Barbara Helene	Chicago	LAS	Genl	Jr		II
Buettner, Elza Rosalie, B.Mus., B.S.	Chicago	MED	Med	1	S	I
Buettner, Robert Paul	Dayton, Ohio	FAA	ArchEng	Sr		II
Buford, John Lester, B.Ed., A.M.	Mt. Vernon	GRAD	Educ	U	S	I
Bujan, George Paul	Christopher	PE	PE	Fr		II
Bukovsky, Rudolph Steven	Berwyn	LAS	PMed	Fr	S	I
Bulger, Joseph Imburgio, Jr.	Melrose Park	LAS	PLaw	Sr	S	I
Bullard, Marjorie Lorene	Morrisonville	LAS	Genl	So		II
Bullinger, Faye Imo	Mansfield	LAS	HEcon	Fr		II
Bullitt, Orville Horwitz, Jr., A.B., M.S.	Urbana	GRAD	Chem	U	S	I
Bunch, Hildred George, B.S.	Blythville, Ark.	GRAD	AgEcon	U	S	I
Bunch, Mayme Josephine, B.S., A.M.	McClure	GRAD	Hist	U	S	I
Bunch, Shirley Jean	Decatur	LAS	OccTher	Jr		II
Bunn, Charles Nixon	Springfield	ENG	ME	Fr		II
Bunyan, Emmet X.	Lawrenceville	AGR	Genl	Sr	S	I
Bunyan, Patricia Yvonne	Lawrenceville	COM	LD	Fr		II
Burbridge, Hester Cape, B.S.	Pittsfield	GRAD	Educ	U	S	I
Burch, Johanna Mayors	Westville	LAS	HEcon	Sr		II
Burch, John Oyer, A.B., A.M.	Springfield	GRAD	Educ	U		II
Burdick, Annabelle Fae	Farina	LAS	Genl	So		II

Burdon, John	Low Point	MED	Med	1	S	I	II
Burdon, Stephen Banta	Low Point	MED	Med	4	S	I	
Burgener, Warren Estel	Moweaqua	AGR	Genl	Sr	S		
Burger, Jack Bryan	Joliet	ENG	ME	Jr			II
Burger, Wilbert Eugene	Morton	PE	PE	Jr	S		
Burgeson, Vivian Annette	Geneseo	LAS	Genl	Fr		I	II
Burgess, Carolyn Frances	Tonica	COM	LD	Fr		I	II
Burgett, Patricia	Urbana	FAA	Art	Fr			II
Burgh, Joseph Frederick, Jr.	Chicago	DENT	Dent	2	S	I	II
Burgwald, Elroy George	Dwight	MED	Med	2	S	I	II
Burk, James Orval	Wood River	FAA	ArchEng	Jr		I	II
Burke, Doris Ann	Evanston	LAS	Genl	Jr		I	
Burke, Harold William	Collingswood, N.J.	LAS	Genl	Jr		I	
Burley, Lois La Vina	Homer	LAS	Genl	Jr		I	II
Burlison, David George	Urbana	LAS	Genl	Sr	S	I	II
Burness, Donald MacArthur, B.S.	Urbana	GRAD	Chem	U	S	I	II
Burness, Mary Anne	Urbana	GRAD	HECon	Fr		I	II
Burnett, John Carlos	Pittsfield, Mass.	AGR	PMed	Jr	S	I	
Burnette, Verle A., B.S.	Eldorado	LAS	Educ	U		I	
Burrell, Basil Swinford	Fithian	GRAD	Educ	U		I	
Burrell, Jack Baker, B.S.	Dartien, Conn.	ENG	ME	Sr		I	
Burroughs, Everett Gene	Peoria	DENT	Dent	3	S	I	II
Burroughs, Nelle Jane	Collinsville	LAS	Genl	Fr		I	II
Bursack, Kenneth Frederick, A.B.	Catlin	COM	LD	Fr		I	II
Burson, Samuel Bradley, A.B., LL.B.	Urbana	GRAD	Chem	U	S	I	II
Burt, Donald William	Chicago	GRAD	Physics	U	S	I	II
Burtch, Lorraine Cruse	Chicago	COM	LD	So	S	I	
Burton, Donald Clarence	Farina	AGR	HECon	Jr			
Burton, Dorothy Eileen	Piedmont, Mo.	AGR	AgEduc	Fr		I	
Burton, Mary Jane	Armington	FAA	Art	Fr		I	II
Burton, Myrtle	Cisne	JNL	EJnl	Fr		I	
Burwash, Helen Louise	Seymour	COM	LD	Fr		I	II
Busby, Ann Middleton, B.S.	Champaign	LAS	Genl	So		I	II
Busby, Ruth Elizabeth	Champaign	LAS	Genl	Irr	S		
Busch, Harris	Pekin	LAS	Genl	So	S		
Busch, Joseph Sherman	Chicago	MED	Med	1	S	I	II
Busch, Rochelle B.	Chicago	LAS	PMed	Fr	S	I	II
Bush, Charline M.	Chicago	LAS	Genl	So		I	II
Bush, Virginia Mae	Chicago	LAS	Genl	So		I	II
Bushee, Eleanor Jane	Champaign	LAS	Genl	Fr		I	II
Bushee, Ralph Waldo, Jr., A.B.	Monticello	LAS	Genl	Sr		I	II
Bushman, John Conrad, A.B., A.M.	Monticello	GRAD	Engl	U	S		
Busiek, Angie	Champaign	GRAD	Engl	U	S		
Busk, Lorraine Eleanor	Springfield	AGR	HECon	Sr	S		
Buskirk, Roy Everett, B.Ed.	Chicago	AGR	HECon	Fr		I	
Busteed, Eileen De Von	Quincy	GRAD	Educ	EM		I	II
Butkovich, William Paul	Washington, Ind.	LAS	Genl	Jr	S	I	
Butler, Elizabeth Lee	St. David	PE	PE	Fr		I	II
Butler, Jean Ferguson	Sullivan	LAS	Genl	So		I	II
Butler, Virginia	Stockport, Iowa	LAS	Genl	Jr		I	II
Butler, Wayne Corwin, B.S.	Lansing, Mich.	LAS	Genl	Fr		I	II
Buttney, John Joseph	Rardin	GRAD	Educ	U	S		
Butz, Valentine Paul	Chicago	ENG	ME	Fr		I	II
Buxton, Jayne Natalye	Chicago	MED	Med	3	S	I	II
Buyer, Margaret Anne	Chicago	LAS	Genl	Fr	S		
Buzan, Edwin Forrest	New Rochelle, N.Y.	LAS	Genl	Jr		I	II
Buzzell, Miriam Virginia	Alton	LAS	PMed	So	S	I	
Byars, Winona	Chicago	LAS	Genl	So	S	I	II
Bye, William Edward	Kell	AGR	HECon	Sr		I	II
Byerrum, Richard Uglow, A.B.	Noble	ENG	Genl	Fr	S		
Bystrzycki, Eugenia R.	Warrenville	GRAD	Chem	U	S	I	II
Cabe, Carl	Chicago	PHARM	Pharm	2	S	I	II
Cable, Gray Hughes	Electra, Tex.	LAS	Genl	Sr		I	II
Cable, Kenneth Davis, A.B., A.M., M.Ed.	Chicago	FAA	Arch	Sr	S		
Cada, Lorraine Marie	Fairview	GRAD	Educ	U		I	
Cagle, Fredric William, Jr., B.S.	Cicero	EDUC	Genl	Jr		I	II
Cagle, Harry	Urbana	GRAD	Chem	U	S	I	II
Cabalan, Thomas Harold, A.B., B.S.	New Columbia	COM	LD	So	S	I	
Cahn, Nancy Lee	Urbana	GRAD	LibSci	U		I	
Cain, Gerald Irwin	Youngstown, Ohio	LAS	Genl	Fr		I	II
Cain, Mary Virginia	Champaign	FAA	ArchEng	So		I	II
Caldwell, Dorothy Jane	Centralia	LAS	Genl	Sr	S	I	
Caldwell, Eleanor Frances	Effingham	AGR	HECon	Fr		I	II
Caldwell, Everett Briggs, B.S.	Chicago	LAS	Genl	Jr		I	II
Caldwell, Mary Jean	Douglas, Ga.	LAS	Chem	Irr		I	II
Caldwell, Mildred Mellert, B.S., R.N.	Monticello	AGR	HECon	Jr	S	I	II
Caldwell, Pauline Alma, B.S.	Champaign	GRAD	Educ	U		I	
Calhoun, Judson Jennelle	Peoria	GRAD	Educ	EM		I	
Calhoun, Richard Allen	Chicago	DENT	Dent	2	S	I	II
Calimese, Ruth Naomi	Waukegan	ENG	Genl	Fr		I	II
Calkins, Robert George	Champaign	LAS	Genl	Sr	S	I	II
Call, Dorothy Mae	Plainfield, N.J.	ENG	ME	Sr	S		
Callaghan, Patricia Joyce	Ridgefarm	LAS	Genl	Fr		I	II
Callahan, Mary Jane	Chicago	LAS	Genl	So		I	II
Callas, May Catherine	Lowell, Ind.	LAS	Genl	Jr		I	II
Callaway, June Eugenia, B.S.	New York, N.Y.	FAA	Arch	Jr		I	II
	Pawnee	GRAD	Educ	EM	S	I	II

Calloway, Nathaniel, B.S., Ph.D.	Tuskegee, Ala.	MED	Med	4	S	I	I
Calvin, Ruth Almeta	Chicago	LAS	DGS	Fr		I	II
Cameron, Phyllis Nadine	St. Elmo	COM	LD	Fr		I	II
Cameron, Shirley Jeanne	Woodstock	FAA	Art	Fr		I	II
Camillo, Charles Carl	Cicero	LAS	Genl	So	S	I	II
Camina, Blanche	New York, N.Y.	LAS	PJnl	So		I	II
Camp, Barbara	Champaign	LAS	DGS	Jr		I	II
Camp, Cynthia Ruth	Streator	LAS	Chem	So		I	II
Camp, George Carr, A.B., A.M.	Urbana	GRAD	Engl	U		I	II
Camp, Jean Corr	Harristown	EDUC	Genl	Sr		I	II
Camp, Mary Jane, A.B.	Champaign	GRAD	Engl	U		I	II
Campana, Anna Marie	Wilmette	LAS	DGS	Fr		I	II
Campbell, Alvin Louis	Athens	LAS	Genl	Fr		I	II
Campbell, Edwin Ridgley	Urbana	ENG	EE	Sr		I	II
Campbell, Eleanor Frances, A.B.	Rochelle	GRAD	Engl	U		I	II
Campbell, George Alonzo	Newfoundland, N.J.	ENG	EPHy	Sr		I	II
Campbell, Harry Dean	Champaign	LAS	Genl	Fr		I	II
Campbell, Helen Shaw	Gillespie	AGR	HEcon	Sr	S	I	II
Campbell, Jean Marguerite	Champaign	LAS	Genl	Sr	S	I	II
Campbell, Joan Frances	Chicago	LAS	Genl	Fr		I	II
Campbell, La Verne C.	Gary, Ind.	PE	PE	Fr		I	II
Campbell, Robert D., A.B., B.S.	Urbana	GRAD	LibSci	U		I	II
Campbell, Robert James	Chicago	ENG	ME	Sr	S	I	II
Camras, Sidney, B.S.	Chicago	MED	Med	3		I	II
Canale, Alfred John, A.B.	Urbana	GRAD	Chem	U	S	I	II
Canham, Doris Allene, B.Ed.	Sandwich	GRAD	Hist	U		I	II
Canham, La Verne Emory	Emington	AGR	Genl	Sr	S	I	II
Canham, Robert Gerald	Oak Park	DENT	Dent	3	S	I	II
Cannon, Gene Warren	Freeport	COM	Genl	So	S	S	II
Cannon, John Deering, Jr.	Oak Park	ENG	Genl	Fr		I	II
Cannon, Joseph Phillip, A.B.	Chicago	MED	Med	4	S	I	II
Canter, Connie Jill	Cincinnati, Ohio	LAS	Genl	Fr		I	II
Canter, Edwin Lester, Jr.	Metcalf	ENG	Genl	Fr		I	II
Cantrall, William Randolph	Springfield	LAS	Genl	Fr		I	II
Canty, Alice Marie	Chicago	LAS	Genl	Fr		I	II
Cap, Thaddens Walter	Elizabeth, N.J.	MED	Med	1	S	I	II
Capito, Benjamin	New York, N.Y.	ENG	ME	Sr	S		
Capizzi, John Paul	Chicago	LAS	Chem	Fr			II
Capp, Arthur Oliver, Jr.	Zion	ENG	Genl	Fr	S		
Carapanos, George Evans	Elgin	ENG	Genl	Fr		I	II
Cardozo, Richard Lawrence	Chicago	COM	LD	Fr		I	II
Carey, Milburn Ernest, B.Mus., M.Mus., B.S.	Urbana	GRAD	Mus	U	S		
Carius, Marvin Wilbur	Morton	DENT	Dent	1	S	I	II
Carleton, Barbara Joyce	Gary, Ind.	LAS	Genl	Fr		I	II
Carlson, Betty Jane	Sycamore	EDUC	Educ	Jr		I	II
Carlson, Catherine	Oneida	AGR	HEcon	Jr		I	II
Carlson, Constance Arlene	Rockford	LAS	Genl	Fr		I	II
Carlson, Jeannette E., A.B.	Chicago	GRAD	Engl	U	S	I	II
Carlson, Jo Elaine	Oneida	LAS	Genl	Fr	S	I	II
Carlson, John Bernhard	Cicero	LAS	PJnl	Fr			II
Carlson, Norris Warren	Rockford	ENG	ME	Sr		I	II
Carlson, Ralph Everett, A.B.	Iron Mountain, Mich.	MED	Med	1	S	I	II
Carlson, Richard Ekstrom	Rockford	LAS	PMed	Fr		I	II
Carlson, Theodore Leonard, A.B.	Macomb	GRAD	Hist	U		I	II
Carlson, Violet Marion	Beresford, S.Dak.	AGR	HEcon	Jr	S	I	II
Carlsten, Margaret Ann	Paxton	COM	LD	Fr		I	II
Carlstrom, Richard E.	Rockford	COM	LD	So		I	II
Carmody, Thomas Aloysius	Peoria		Unc		S		
Carnahan, Sally Elizabeth, A.B., A.M.	Urbana	LAS	Genl	Irr	S		
Carney, Frederick John	Chicago	JNL	Jnl	Sr	S		
Caron, Joseph George	Manteno	ENG	CE	Fr		I	II
Carpenter, Jean Fae	Urbana	LAS	Genl	So		I	II
Carpenter, Mary Louise	Streator	FAA	Mus	Fr		I	II
Carr, Helen Mae	Scales Mound	COM	LD	So		I	II
Carr, Laura S., A.B.	St. Louis, Mo.	GRAD	Educ	EM			II
Carrell, David Neal, B.S.	Sidell	AGR	Irr			I	
Carrier, Fred Wesley	Decatur	ENG	ME	Jr	S	I	II
Carroll, John McClure	Kewanee	LAS	PMed	Fr	S	I	II
Carroll, Lawrence William	Chicago	LAS	PLaw	Jr		I	II
Carroll, Thomas Thurlow, B.S.	Chicago	MED	Med	4	S	I	II
Carroll, Virginia Patricia	Joliet	LAS	Genl	Fr		I	II
Carrubba, Vincent Lucian	Chicago	LAS	DGS	Fr		I	II
Carsel, Jack	Chicago	LAS	Genl	So		I	II
Carson, Dorotha Ann	Altamont	LAS	Genl	Fr		I	II
Carson, Edna, A.B., A.M.	Waverly	LAS	Genl	Irr	S		
Carson, Helen Grace	Maywood	LAS	Genl	So		I	II
Carson, Raymond Power, B.Ed.	Perry	GRAD	Educ	EM		I	
Carter, Betty Anne	Urbana	LAS	Genl	Fr	S		
Carter, Freda Lois, B.Ed.	Patoka	GRAD	Engl	U	S		
Carter, Gerard Thomas	Annapolis, Md.	ENG	ME	Sr		I	II
Carter, Phyllis Ann	Trenton	LAS	Genl	Sr		I	II
Carvis, James Albert	Waukegan	LAS	DGS	Fr		I	
Casale, Charles Gilbert	Chicago	ENG	ME	Fr			II
Case, Flora Beth	Urbana	LAS	Genl	So		I	II
Casey, Dorothy Ann	Potosi, Mo.	LAS	Genl	Sr		I	II
Casey, Edwin James	Altoona, Pa.	PHARM	Pharm	1		I	II

Casey, Johanna Ellen	Lacon	EDUC	Genl	Sr	S	
Casey, William Carleton	Chicago	MED	Med	1	S	I II
Casper, Bert, B.Ed., A.M.	Cobden	GRAD	Educ	EM	I	
Casper, Ruth Anne	Champaign	COM	UD	Sr	S	I II
Cassman, Frederick Stanley	Freeport	LAS	PLaw	Fr	I	II
Cast, Robert Eugene	Anna	COM	LD	Fr	I	II
Castel, Virgil Clayton, B.Ed.	Peoria	GRAD	Educ	EM	I	II
Castle, Arlene Ruth	Champaign	LAS	Genl	Fr	I	II
Castles, James Noelle	Evanston	AGR	Genl	Sr	S	I
Castree, Samuel John	Rockford	COM	LD	Fr	I	II
Caswell, Helen Louise	Belleville	LAS	Genl	Fr	I	II
Caswell, Robert Carr	Riverside	COM	LD	Fr	I	II
Catron, Damon Von, B.S.	Champaign	GRAD	AnHusb	U	S	I II
Cathcart, Elizabeth Ann	De Land	FAA	Mus	Sr	I	II
Cattaneo, Lester Charles	Spring Valley	LAS	PMed	Fr	S	I
Caughlan, Jeanette	Pittsfield	JNL	Fr	Fr	I	II
Causey, David Frederic	Urbana	ENG	CE	So	S	I II
Cavenagh, John Baird	Chicago	LAS	PMed	So	S	I
Cavenee, Joanna	Champaign	LAS	Genl	Fr	I	II
Cavette, Lillian Goddard	Peoria	LAS	Genl	Sr	S	I
Cazemier, Margaret	Westmont	EDUC	Genl	Jr	I	II
Cech, Robert Franklin	Berwyn	MED	Med	1	S	I II
Cedeyco, Alberdena Wall, B.Mus., A.B., A.M.	Carlinville	GRAD	Engl	U	S	
Cerney, Alan James	Oak Park	DENT	Dent	1	S	I II
Cerullo, Genaro Michael, B.S.	Brooklyn, N.Y.	DENT	Dent	2	S	I II
Cessna, Nancy Alma	Danville		Unc	S		
Chaches, Dolores Miriam	De Soto, Mo.	LAS	Genl	Fr	I	II
Chaddjck, Camille D.	Chicago	LAS	Genl	Fr	I	II
Chadwick, David Henry, B.S., M.S.	Sutton, N.H.	GRAD	Chem	U	S	I II
Chajiland, Amy Lou	Kennett, Mo.	EDUC	Hist	Jr	I	II
Chalmers, Nate, B.M.	Chicago	MED	Med	2	S	I II
Chambas, Harry Dan	Chicago	MED	Med	1	S	I II
Chamberlain, Barbara Louise	Peoria	PE	PE	Fr	I	II
Chamberlain, Joyce Louise	Herrick	AGR	HEcon	Sr	S	I II
Chamberlain, William Duquesne	East Chicago, Ind.	LAS	Genl	Fr	S	
Chambers, Edwin Everett, B.S.	Chicago	GRAD	Educ	EM	I	
Chambers, Harriet Sheets, B.S.	Pecatonica	GRAD	Educ	EM	I	II
Chambliss, Gwendolyn, A.B.	Mounds	GRAD	Educ	EM	S	I II
Chandler, Charles Stewart	Carbondale	FAA	Arch	So	S	
Chaney, Melvin Coleman	Wheaton	ENG	CE	So	S	I II
Chang, Cheng Chung, B.S., M.S.	Shanghai, China	GRAD	CE	U	I	II
Chang, Katherine Kam-Ho, B.S.	Lihue, Kauai, Hawaii	GRAD	Educ	U	S	
Chang, Kathleen Kam-Lin, B.S.	Lihue, Kauai, Hawaii	GRAD	Educ	U	S	
Changnon, Pauline Elva, A.B., A.M.	Kankakee	GRAD	Educ	U	I	
Channon, Mayer Hirsch, B.S.	Chicago	GRAD	Educ	U	I	II
Chao, Charles Fong	Palo Alto, Calif.	LAS	ChEng	Sr	I	II
Chapin, John Harry	Danville	AGR	Genl	Fr	I	II
Chaplin, Carl Edward, B.S.	Olney	GRAD	Hort	U	I	
Chapman, Adrienne Shirley	Chicago	LAS	Genl	Fr	I	II
Chapman, Allan A.	Chicago	ENG	CE	So	S	I II
Chapman, Asa Zerne, B.S.	Evanston	MED	Med	4	S	I
Chapman, Eva Belle	Chicago	COM	LD	Fr	I	II
Chapman, Florence Julia, B.S., A.M.	Louisiana, Mo.	GRAD	Educ	EM	I	II
Chapman, Frank William	Hanover	COM	LD	Fr	I	II
Chapman, Ione Minervia, A.B.	Greencastle, Ind.	LIB	LibScl	1	S	I II
Chapman, Jack William	Freeport	ENG	Genl	Fr	S	
Chapman, Marilyn Louise	Freeport	FAA	Art	So	I	II
Chapman, Martha Louise	Champaign	LAS	Genl	Fr	I	
Chapman, Robert Arthur, A.B.	Oak Park	MED	Med	2	S	I II
Chapman, Vaughn Vickers	Evanston	DENT	Dent	3	S	I II
Chard, Richard Edwin	Rochester	LAS	ChEng	Fr	I	II
Charleworth, Harold Karr, A.B., M.B.A.	Clear Lake, Iowa	GRAD	Econ	U	S	I
Charnes, Edith Fern	Champaign	LAS	Genl	So	I	II
Chase, Barbara Louise	Champaign	LAS	Genl	So	I	II
Chase, Martin Nixon	Toulon	LAS	Genl	Sr	S	I
Chase, Richard Golden, A.B., A.M.	Rensselaerville, N.Y.	GRAD	Chem	U	S	
Chase, Robert Ellis, B.S.	Gardner	MED	Med	4	S	I
Chase, Shirley Anne	Westchester	LAS	Genl	Fr	I	II
Chayken, Betty Fae	Hammond, Ind.	LAS	Genl	Fr	I	II
Cheaney, Edgar S.	Springfield	ENG	ME	Sr	S	
Checkley, Betty	Mattoon	FAA	Art	So	I	II
Chelemer, Pauline	Chicago	LAS	Genl	So	I	II
Chen, Kuang Hsu, B.S., M.S.	Kingtze Kwan, Honan, China	GRAD	Chem	U	I	II
Chenoweth, Carlin Velde	Urbana	LAS	PMed	Jr	S	I
Chenoweth, Ralph Waldo, B.S., M.S.	Christopher	GRAD	Educ	U	S	
Cherbo, Jack Cecil	Chicago	LAS	Genl	Fr	S	II
Cherry, James Harrison, B.Ed., A.M.	Olney	GRAD	Educ	U	S	
Chertack, Melvin M.	Chicago	MED	Med	1	S	I II
Chesne, Josephine Shirley	Chicago	LAS	Genl	Fr	I	II
Chess, Stephen John, B.S., M.S., M.D.	Chicago	GRAD	PUR	C	S	I II
Chianakas, George Michael	Eureka	PE	PE	Fr	S	
Chiang, Ming-Chien, B.S., M.S.	Szechwan, China	GRAD	Chem	U	S	I II
Chickris, George Peter	East Moline	COM	LD	Fr	S	
Chicoine, Duane Ronald	Decatur	ENG	ME	Fr	I	II
Chiddix, Max Eugene, B.Ed., M.S.	Normal	GRAD	Chem	U	S	

Childress, Jack Raymond, B.Ed.	Normal	GRAD	Educ	EM	I II
Chilenskas, Robert Leon Lawrence	Chicago	LAS	ChEng	Fr	S I II
Chin, Stephen Yook	New York, N.Y.	ENG	Genl	Fr	S I II
Ching, Clement Kon Yuan	Honolulu, Hawaii	COM	UD	Sr	S I II
Chipp, Alta Fern	La Grange	LAS	Genl	Jr	S I II
Chiropoulos, William	Chicago	ENG	CE	So	S I II
Chmielewicz, Zdzislaw	Chicago	LAS	Genl	Sr	S I II
Chodnowsky, Max	Chicago	PHARM	Pharm	I	S I II
Chouinard, Virginia Helen	Glen Ellyn	LAS	Genl	Jr	S I II
Christ, Marena Lorraine	Elgin	AGR	HEcon	So	S I II
Christensen, Eldis Marvin, A.B., B.S.	Wheaton	MED	Med	I	S I II
Christensen, Georgianne	Marion	AGR	HEcon	Fr	S I II
Christensen, Rose Bernice	Cicero	COM	UD	Sr	S I II
Christiansen, Claire Leslie	Chicago	LAS	Genl	Sr	I
Christiansen, Valerie West	Chicago	LAS	Genl	Jr	I II
Christianson, Margaret Olive	Savanna	LAS	Genl	So	I
Christie, Charlotte Margaret	Champaign	LAS	PMed	Fr	I II
Christie, Robert William	New York, N.Y.	ENG	EPhy	Fr	I
Christoff, Demeter	Chicago	DENT	Dent	I	S I II
Christoff, Irmgard	Chicago	LAS	Genl	Sr	S I II
Christopher, Emily Lou	Urbana	FAA	Art	Sr	S I II
Chu, Pao, B.S., M.S.	Nantung, Kiangsu, China	GRAD	Entom	U	S I II
Chubb, Thomas Robert	Champaign	EDUC	Genl	Jr	S I II
Chukwuemeka, Nwankwo, B.S.	Nigeria, Africa	ENG	ME	U	S I II
Chumbley, Jeanette	Champaign	LAS	Genl	Jr	I II
Chumbley, Phyllis Beth	Champaign	LAS	Genl	Fr	I II
Churan, Elaine Caroline	Chicago	LAS	Genl	Jr	I II
Churan, Irene Lorraine	Chicago	PE	PE	So	I II
Church, Margaret Ann	Sidell	LAS	Genl	Fr	I II
Church, Robert Robins	Chicago	LAS	PDent	Fr	I II
Churchill, Erlene Mae	Chicago	AGR	HEcon	Jr	I II
Chute, Oscar Moody, B.S., M.Ed.	De Kalb	GRAD	Educ	U	S I
Chval, Martha Ruth	Chicago	LAS	Genl	Sr	S I
Ciavarella, Peter John	Chicago	ENG	ME	Sr	S I
Ciboch, Lorraine Anne	Cicero	LAS	Genl	Sr	S I
Cimino, Gloria Mae	Chicago	LAS	Genl	Fr	I II
Cirlin, Vivian Rosylin	Miami Beach, Fla.	LAS	Genl	Jr	I II
Cirzan, John Lawrence, B.S.	Chicago	MED	Med	4	S I
Ciszek, Raymond Arthur Charles	Hobart, Ind.	PE	PE	4 Fr	I II
Clapp, Cliff Jack, A.B., A.M.	Champaign	GRAD	Educ	U	I II
Clapper, Maurice Raymond, B.Ed.	De Land	GRAD	Educ	U	I II
Clark, Benjamin Bruce	Urbana	ENG	Genl	Fr	I
Clark, Donald Ray, B.S., M.S.	Mahomet	GRAD	Educ	U	S I
Clark, Dorothy Beecher	Urbana	FAA	Unc	S	S I II
Clark, Frances Suzanne	Urbana	FAA	Art	Fr	S I II
Clark, George Mason	Urbana	FAA	Arch	Sr	S I II
Clark, Helen Erle	Farmersville	Unc	Unc	S	S I II
Clark, J. Lindon	Champaign	ENG	Genl	Jr	S
Clark, James Case Williamson	Indianapolis, Ind.	PE	PE	So	I
Clark, Joan	Pana	AGR	HEcon	Fr	I II
Clark, Keith S., B.S.	Wheaton	GRAD	PE	U	I II
Clark, Laurel Kleiner	Greenville	LAS	Genl	Jr	S I II
Clark, Leadie Mae	Urbana	LAS	Genl	Jr	S I II
Clark, Lola Gertrude	Mt. Sterling	JNL	Jnl	Jr	I II
Clark, Norma Jean	Benton	LAS	Genl	So	I II
Clark, Raymond August	Grayslake	ENG	ME	Jr	S I II
Clark, Robert Kenley, A.B., M.S.	Urbana	GRAD	Physics	U	S I II
Clark, Robert Kingsbury, Jr.	Peoria	LAS	Chem	Sr	I II
Clark, Ronald William, B.S., A.M.	Quincy	GRAD	Educ	U	S I II
Clark, Shirley Jean	La Fayette	AGR	HEcon	Fr	I II
Clark, Sue	Pana	LAS	Genl	Jr	I II
Clark, Wilma Jean	Urbana	LAS	Genl	Fr	I II
Clarke, Marjorie A.	Centralia	LAS	Genl	So	S I II
Clausen, Virginia Sophia	Chicago	EDUC	Genl	Sr	S I II
Claus, Alvin Herbert	Chicago	DENT	Dent	2	S I II
Clausen, Harvey Wayne	Genoa	ENG	CE	Fr	I
Clausen, Kenneth John	Chicago	ENG	EE	Fr	S I
Claussen, Ruth Esthet J.	Gilman	AGR	HEcon	Jr	I II
Claxton, Margaret Jean	Chicago	LAS	Genl	Fr	I II
Claxton, Robert Franklin	Winnetka	COM	LD	Fr	I II
Clay, Anita Wascher, B.S.	Champaign	EDUC	Genl	Irr	S II
Clay, Jack De Wayne	Kankakee	LAS	PMed	Fr	S I
Claybrooks, Robert Ernest	Chicago	LAS	Genl	Jr	S I
Claypool, Blaine Wilson, Jr.	Oak Park	LAS	PMed	So	S I
Clayton, Barbara Jean	Villa Park	LAS	Genl	So	I II
Clemens, Francis Xenia	Riverside	LAS	HEcon	Fr	I II
Clemens, Charles Frank	Bluford	COM	LD	Fr	I II
Clemmons, Thomas Robert, A.B., B.S.	Riverside	MED	Med	3	S I II
Clendenin, William Herman, B.S., B.S.	Bloomington	GRAD	PhysChem	C	S I II
Cleveland, Marvin Allan	Chicago	COM	LD	Fr	I II
Clifford, Jacqueline Louise	Tamms	Unc	Unc	S	S I
Clifford, Marjorie Ellen	Cambridge	LAS	DGS	Fr	I II
Clifford, Ruth Cass	Champaign	LAS	Genl	Jr	I II
Cline, Hippie Lucy Jeanette	Catlin	AGR	HEcon	Sr	S I
Clinebell, Helen Louise	Peoria	COM	UD	Sr	I II

Clinton, Harold, B.S.	Belleville	GRAD	CE	U	S	I	II
Clodfelter, Mary Fern	Bement	LAS	Genl	Fr		I	II
Clorfene, Bruce Edward	Chicago	LAS	Genl	So		I	II
Clotfelter, Laura Jane	East Moline	EDUC	Genl	Sr	S		
Cloud, Doris Roberta, A.B.	St. Louis, Mo.	GRAD	Educ	EM		I	
Clow, Nathan Pierce, B.Ed.	Rockford	GRAD	Educ	EM		I	
Cloyd, Robert Charles	Chicago	ENG	ME	Jr	S		
Clyde, Andrew Jackson	Chicago	FAA	Arch	Jr		I	II
Clyde, Katherine Maybelle	La Grange	COM	UD	Sr	S	I	II
Coard, Robert Lawrence	Quincy	GRAD	Engl	U	S		
Coale, H. Kelso, B.S.	Peoria	GRAD	Educ	EM			II
Coates, Edward Francis	Marseilles	LAS	Genl	Fr		I	
Cobb, Kathryn Avery	Urbana	LAS	Genl	Fr		I	II
Cochran, Paul Lipton	Decatur	ENG	EE	Sr	S		
Cocking, Winona, A.B.	Champaign	GRAD	Educ	U	S		
Cockrum, Earl Conway, A.B.	Benton	GRAD	Geol	U	S		
Cocose, Paul	Chicago	ENG	Genl	Fr	S	I	II
Coderre, Juliette Adele	St. Anne	LAS	Genl	Jr		I	II
Coderre, Richard Alfred	St. Anne	LAS	ChEng	Fr	S	I	II
Coe, Molly Ann	Streator	LAS	Genl	So		I	II
Coffler, Martin Hill	Chicago	LAS	PMed	Fr	S		
Coffman, Emily Ann, B.Ed.	Cerro Gordo	GRAD	Engl	U	S		
Coffman, Orma Jean	Champaign	COM	LD	So		I	
Cohen, Adrian, B.S.	Chicago	MED	Med	4	S	I	
Cohen, Barnett	Brooklyn, N.Y.	DENT	Dent	1	S	I	II
Cohen, Bernard B.	Brooklyn, N.Y.	DENT	Dent	1	S	I	II
Cohen, Bettie Eileen	Quincy	LAS	Genl	Fr		I	II
Cohen, Cyril S.	Chicago	MED	Med	1	S	I	II
Cohen, Davis S.	Chicago	ENG	ME	So	S	I	
Cohen, Dorothy	Chicago	LAS	Genl	Fr		I	II
Cohen, Ethel	Chicago	LAS	Genl	Jr		I	II
Cohen, Geraldine Beulah	Vandalia	LAS	Genl	Fr		I	II
Cohen, Harold Robert, B.S., M.S., Ph.D.	Chicago	MED	Med	2	S	I	II
Cohen, Harvey Paul	Chicago	LAS	Genl	Jr		I	II
Cohen, Joseph Avon, B.S.	Chicago	MED	Med	3	S	I	II
Cohen, Joseph Leon, A.B., B.S.	New York, N.Y.	DENT	Dent	4	S	I	II
Cohen, Marian D.	Chicago	LAS	Genl	So		I	II
Cohen, Marvin Irving	Chicago	COM	UD	Jr	S		
Cohen, Mischa	Peoria	COM	LD	So	S	I	II
Cohen, Morris	Chicago	COM	UD	Jr		I	II
Cohen, Myra M.	Pittsburgh, Pa.	LAS	Genl	Fr		I	II
Cohen, Roberta Goldeyne	Chicago	LAS	Genl	So		I	II
Cohen, Roberta Sue	Chicago	LAS	Genl	Fr		I	II
Cohen, Sheldon Alvin	Chicago	LAS	Genl	Fr	S	I	
Cohen, Suzanne Dorothy	Mattoon	FAA	Mus	Sr	S	I	
Colaw, Emma Lou	Atlanta	AGR	HEcon	Jr		I	II
Colbert, Dana F.	Champaign	COM	UD	Sr	S	I	
Colby, William Wellington, A.B.	East St. Louis	GRAD	Hist	EM		I	II
Colclasure, Inez Vernice	Farina	AGR	HEcon	Sr		I	
Cole, David Herold, B.S., M.S.	Champaign	GRAD	ME	U	S	I	II
Cole, Harriet Rhoada	Chicago	LAS	Genl	So		I	II
Cole, Louise Anne	Champaign	LAS	Genl	Jr	S	I	II
Cole, Mildred Berniece	Harvard	EDUC	Genl	Sr	S		
Coleman, Georgiana LaVera, B.Ed.	Greenup	GRAD	Educ	EM		I	II
Coleman, Louise Jeanette	Canton	LAS	Genl	Sr		I	II
Coleman, Richard David	Chicago	PHARM	Pharm	4	S	I	II
Colen, Barbara Helene	Chicago	LAS	Genl	So		I	II
Coles, Marilyn Ruth	Chicago	PE	PE	So	S		
Colin, Edward Cecil	Chicago	FAA	Arch	Fr		I	II
Coll, Mary Alice	Canton	LAS	Genl	So		I	II
Collard, Earl Samuel, B.Ed.	Carbondale	GRAD	Educ	EM		I	II
Collier, Dorothy Mae	Picayune, Miss.	COM	LD	So		I	II
Collier, Florence Mary	Picayune, Miss.	LAS	Genl	Fr		I	II
Collier, June Rose	Chicago	LAS	Genl	So		I	II
Collins, Elizabeth Louise	Portland, Ore.	LAS	PMed	Fr		I	
Collins, Goefrey Philip, B.S.	Stillwater, Okla.	GRAD	AgEcon	U	S		
Collins, Gerald Edward	South Lee, Mass.	ENG	EPHY	Fr		I	
Collins, Glenna Maxine	Pittsfield	LAS	DGS	Fr		I	II
Collins, Perry Vashon, A.B.	St. Louis, Mo.	GRAD	Educ	EM	S	I	II
Collins, Wynona Ruth	Hemlock, N.Y.	AGR	HEcon	Sr		I	II
Collom, Robert Keith	Wichita, Kans.	PE	PE	Jr		I	II
Colp, Caroline, A.B.	Cartersville	GRAD	French	U	S	I	II
Colton, Marjorie Ellen	Kirkland	AGR	HEcon	Sr		I	II
Colwell, Maurice Joseph	Chicago	LAS	Genl	Sr		I	II
Comassar, Seymour	Brooklyn, N.Y.	ENG	ME	Sr	S		
Combs, Winifred Mabel	Olney	LAS	Genl	Fr		I	II
Comegys, Mary Elizabeth, A.B.	Seneca	GRAD	Engl	U	S		
Comer, William Fletcher	Indianapolis, Ind.	LAS	ChEng	Fr		I	II
Concheff, Michael Francis	Peru	LAS	Chem	Fr		I	II
Congleton, Mary Sue	Pesotum	AGR	HEcon	Jr		I	II
Conklin, Richard Louis	Rockford	ENG	EPHY	Sr	S	I	II
Conley, Kathryn Jean	Urbana	AGR	HEcon	Fr		I	
Conley, Phyllis	Streator	LAS	DGS	So		I	II
Conlin, Mary Jane	Steward	LAS	Genl	So		I	II
Connell, Bonita Blanche	Kewanee	LAS	Genl	Fr		I	II
Connell, Kenneth James	Chicago	LAS	Genl	Fr		I	II
	Wauwatosa, Wis.	FAA	Arch	Fr		I	II

Connell, Pearl Antoinette, A.B.	Zion	LIB	LibSci	1	S	
Conner, Judith R.	Vandalia	FAA	Art	Jr	S	II
Connolly, Martin Joseph	Chicago	LAS	Genl	So	S	II
Connors, James Ignatius	New York, N.Y.	PE	PE	Sr	I	II
Conrady, Herman Henry, A.B.	Shirley	GRAD	Educ	EM	S	II
Consoer, Rosemary	Sidney	LAS	Genl	Fr	I	II
Constantine, Roslyn Elaine	Chicago	LAS	Genl	So	I	II
Converse, Louise D.	Urbana	LAS	PMed	Fr	I	II
Conway, Lawrence Vincent	Moline	COM	UD	Sr	S	
Conybear, Lois June	Chicago	LAS	Genl	Fr	S	II
Cook, Charles Roscoe, Jr.	Decatur	ENG	MetE	Sr	S	II
Cook, Paul Edward	Casey	COM	LD	Fr	I	
Cook, Ralph Laverne, B.S., M.S.	Urbana	GRAD	CerE	U	S	II
Cook, Robert Morris	Steward	ENG	ME	So	S	II
Cook, Shirley	Decatur	LAS	Genl	Fr	I	II
Cooke, Jane Carol	Terre Haute, Ind.	FAA	Art	Fr	I	II
Cooke, William Robert	Springfield	LAS	ChEng	Fr	S	II
Cooley, Weston Chauncey	Granby, Mass.	ENG	ME	Fr	I	II
Coombe, Betty Helen	Painesdale, Mich.	LAS	Genl	Fr	I	II
Coon, Minor Jessor, B.S.	Denver, Colo.	GRAD	Chem	U	I	II
Coon, William McIntosh, A.B.	Greenfield, Ind.	MED	Med	2	S	II
Cooney, Elaine Marion	Oak Park	LAS	Genl	Sr	S	II
Cooper, Daniel Abraham	Argo	AGR	Genl	Fr	S	II
Cooper, Helen Nale	Pittsburgh, Pa.		Unc			
Cooper, James Ralston	Paris	LAS	Genl	Sr	S	II
Cooper, Marvin Earl	Chicago	MED	Med	2	S	II
Cooper, Miriam Raisa	Argo	LAS	Genl	So	S	II
Copeland, Margaret Jane, A.B.	New York, N.Y.	GRAD	Geol	U	I	II
Copito, Benjamin	New York, N.Y.	ENG	CE	Fr	I	II
Coppolillo, Henry Peter	Chicago	LAS	Genl	Fr	I	II
Corbett, Richard Miles	Oak Park	COM	LD	Fr	I	II
Cordes, Betty Jeanne	Rockford	LAS	Genl	Fr	I	II
Corey, Helen Jean	Park Ridge	LAS	Genl	Sr	I	II
Coriden, Thomas Lou, A.B.	Ottawa	MED	Med	2	S	II
Corkery, Martha	Urbana	LAS	Genl	Jr	S	II
Corkery, Ruth Elizabeth	Urbana	LAS	Genl	Sr	S	II
Corley, Constance Louise	Springfield	LAS	Genl	Sr	S	II
Cormack, Mary Lou	Glencoe	LAS	Genl	Sr	S	II
Corman, Jacqueline Beth	Urbana	AGR	HEcon	Fr	I	II
Cornelius, Hollis Clarence, Jr.	Chicago	LAS	ChEng	Fr	I	II
Cornfield, Leslie Sidney	Chicago	MED	Med	2	S	II
Corpe, Raymond Francis, B.S., M.D.	Colfax	GRAD	Surg	C	S	
Correll, Flora Arlene	Grand Haven, Mich.	LAS	Genl	So	S	II
Correll, Walter Kemp	Lincoln	PE	PE	Sr	I	II
Corrie, Savannah June	Petotum	AGR	Genl	Fr	I	II
Corson, Thelma M.	Metropolis	AGR	HEcon	So	I	II
Coss, Joan Marie T.	Seneca	AGR	HEcon	So	I	II
Cotariu, Philip Gabriel	Chicago	PHARM	Pharm	4	S	II
Coté, Robert Daniel	Chicago	ENG	ME	Sr	S	II
Cotler, Norman	Chicago	LAS	Genl	Fr	S	II
Cottingham, Martha Lois	Danville	LAS	Genl	Fr	I	II
Couch, Mary Ellen	Marionville, Mo.	LIB	LibSci	1	I	II
Coults, Thomas Anson	Winchester	AGR	Genl	Fr	I	II
Council, Helen Janet	Sherman	HEcon	HEcon	Jr	S	II
Countryman, Jacquelyn Jean	Rochelle	LAS	DGS	Fr	I	II
Cover, Cathrine Jane	Toulon	LAS	Genl	Fr	I	II
Cover, Patricia Ann	Toulon	COM	UD	Jr	S	II
Covey, Joy Helen	Poplar Grove	LAS	DGS	Fr	I	II
Cowan, William John	Elburn	ENG	ME	Fr	I	II
Cowling, Marjorie Ruth	Albion	AGR	HEcon	Sr	S	II
Cox, Betty, B.Ed.	Carbondale	GRAD	Accy	U	S	
Cox, Ethel Elizabeth	Oak Park	LAS	Genl	Sr	S	
Cox, Helen Fern	Grayville	LAS	DGS	Fr	I	II
Cox, John	Chicago	DENT	Dent	1	S	II
Cozak, Marion	Chicago	LAS	Genl	So	S	II
Crabtree, Daniel Raymond	Alton	EDUC	Genl	EM	S	
Crader, Jeanette Natalie	Hamburg	LAS	Arch	So	I	II
Craft, Glenn Edwin	St. Charles	FAA	Arch	So	S	II
Craft, Herbert O., B.S.	Williamsville	GRAD	Educ	EM	S	II
Craft, Irene Louise, B.S., A.M., B.S.	Urbana	GRAD	LibSci	U	S	
Craig, Mabel, B.Ed.	Chatterville	GRAD	Educ	U	S	
Craig, Nancy Jean	Champaign	LAS	Genl	Fr	I	
Crain, Sue, B.Ed.	Carbondale	GRAD	Educ	EM	S	II
Crain, Wilburn B., B.S.	Percy	GRAD	Educ	U	S	
Cramer, Amos Frank	Greenview	ENG	ME	Fr	I	II
Cramer, Howard Ross	Chicago	FAA	Mus	Fr	S	II
Crandell, Shirley Louise	Aurora	EDUC	Genl	So	I	II
Craven, James Cletus	Chicago	LAS	PMed	Fr	I	II
Crawford, Barbara Lec	Sandoval	ENG	Genl	Fr	I	II
Crawford, Isabelle Mary	Urbana	LAS	Genl	EM	S	II
Crawford, Richard Cloughton	Chicago	LAS	PLaw	Fr	I	II
Crawford, Richard Donald	Mt. Carmel	ENG	EE	Jr	I	II
Crawford, Verla Mae	Harrisburg	JNL	EJnl	So	I	II
Crebo, Alice Kathleen	Harrisburg	JNL	EJnl	Fr	I	II
Creech, Jeanette Gwendolyn	Monticello	LAS	Genl	Fr	I	II
Creek, Ed Melvin, Jr.	Harrisburg	ENG	EE	Fr	S	II

Crego, Mary Janet	Plainfield	FAA	Art	Jr	S	I	II
Crenshaw, Esther Mary, B.S., B.S.	Xenia, Ohio	GRAD	LibSci	U	S		
Crews, Claribel Emma, B.S.	Champaign	GRAD	Econ	U		I	
Crews, Osborne Phillip	Champaign	LAS	Genl	Sr		I	II
Crim, Viola Alba, B.Ed.	Carbondale	GRAD	Educ	U	S		
Crisler, Catherine Marie	Peoria	LAS	Genl	So		I	II
Crist, Jacqualen J.	Urbana	LAW	Law	1	S	I	II
Crist, Joan Lenore	Danville	LAS	Genl	Sr		I	II
Crittenden, Alden La Rue, B.S.	Wichita, Kans.	GRAD	Chem	U	S	I	II
Crnoevich, Violet	Gary, Ind.	PE	PE	So		I	II
Crössmann, Frances Jane	Du Quoin	LAS	Genl	Jr	S	I	II
Croninger, Robert Arthur	Miami, Okla.	ENG	EPhy	Sr		I	
Cross, Fowler Border, A.B., A.B.	Mangum, Okla.	GRAD	LibSci	U	S		
Cross, Shirley Neal	Chicago	LAS	Genl	Sr		I	II
Crossley, Clarence Francis, B.S.	Urbana	GRAD	Educ	U		I	II
Crouch, Marilyn Edith	Custer Park	LAS	Genl	So		I	II
Crowder, Hazel Thelma	Bridgeport	EDUC	Genl	Jr	S		
Crowder, Helen Cornelia	Bridgeport	EDUC	Genl	Jr	S		
Crowe, Irene Mary	Riverside	COM	LD	Fr		I	II
Crowe, Jacqueline Nell	Pana	AGR	HEcon	Jr	S	I	II
Crowell, Richard Neville	Oregon	LAS	Genl	Fr	S		
Croxton, Orson Hinman, B.S.	Watseka	GRAD	Educ	U	S		
Crozier, Elizabeth Ann, B.Ed.	Le Roy	GRAD	Engl	U	S	I	II
Crum, Glen Francis	Humboldt	LAS	ChEng	So	S	I	
Crum, William	Dallas City	ENG	ME	So	S	I	II
Crumrine, Harold Eugene	LaFontaine, Ind.	FAA	Arch	So		I	II
Crumrine, Joseph Lyle	Flanagan	MED	Med	2	S	I	II
Cruise, Shirley Maxine	West Frankfort	LAS	Genl	Fr		I	II
Cruzat, Edward Ted Pedro	Alton	LAS	Genl	Fr		I	II
Cudney, Ruth M., B.Ed.	Quincy	GRAD	Educ	EM		I	II
Cullen, Ann Louise	Chicago	AGR	HEcon	So		I	II
Cullen, John Patrick	Rockford	LAS	Genl	So		I	II
Cullen, Stella F., B.S.	Flanagan	GRAD	Educ	U	S		
Culver, Bernalea, B.Ed.	Maquon	GRAD	HEcon	U	S		
Cummings, Blanche Crabtree	Pontiac	EDUC	Genl	Jr			II
Cummings, Margaret Maclay	Summit, N.J.	LAS	PMed	Fr		I	II
Cundall, Zella Caster	Chesterfield	LIB	LibSci	1	S		
Cunningham, Irene	Plainville	COM	UD	Jr	S	I	II
Cunningham, Jean Elizabeth	Chicago	LAS	Genl	Jr		I	II
Cunningham, John Edward	Chicago	ENG	ME	Sr	S	I	II
Cunningham, Martha Jane	Arcola	FAA	Arch	So		I	II
Cunningham, Phyllis	Martinsville	PE	PE	Jr		I	II
Cunnington, Margery Ellen	Piper City	LAS	Genl	So	S	I	II
Curcio, Rinaldo Mario	Chicago	ENG	ME	Sr	S	I	II
Cureton, Portia Miller, A.B.	Urbana	GRAD	PE	U			II
Currie, Althea Elizabeth	Chicago	LAS	Genl	Sr	S		II
Currimbhoy, Allan Ebraheim	Bombay, India	COM	UD	Sr	S	I	II
Curry, Jack Cooper	Detroit, Mich.	ENG	Genl	Fr	S	I	
Curry, Margaret Elizabeth, B.S.	Charleston	GRAD	Educ	U	S		
Curtin, David Yarrow, A.B.	Webster Springs, W.Va.	GRAD	Chem	U	S	I	II
Curtis, Alice Irene	Wyoming	LAW	Law	4	S	I	II
Curtis, Barbara Mary	La Grange	LAS	PolSci	Sr	S	I	II
Curtis, Doris Mildred	Murrayville	LAS	Genl	Sr	S		
Curtis, Dorothy Jane	Wyoming	COM	LD	Fr		I	II
Curtis, June	Springfield	LAS	PolSci	EM			II
Curtis, Onilee Elaine	Lansing	COM	LD	So		I	II
Curtis, Virginia Mae	Downers Grove	LAS	Genl	So		I	II
Cushing, Lorna Mary	Oak Park	LAS	PJnl	Fr		I	II
Cusick, George Robert	Allendale	AGR	Hort	So		I	II
Custer, James Ben, B.Ed.	Normal	GRAD	Educ	EM		I	II
Cvikota, Evelyn Ann	Chicago	AGR	HEcon	Fr		I	II
Cwalina, Thaddeus, B.S.	Chicago	MED	Med	3	S	I	II
Czech, Audrey Ruth	Kenilworth	LAS	Genl	So		I	II
Daab, Robert John	Columbia	FAA	ArtEdu	Sr	S		
DaBoll, Homer Franklin	Hinsdale	LAS	Genl	Sr	S		
Dackman, Robert	Chicago	LAS	PMed	Fr			II
Dady, William George	Waukegan	LAS	Geol	Jr		I	II
Daehler, Eileene Louise	Chadwick	LAS	Genl	Fr		I	II
Dagovitz, Leonard Irving	Chicago	LAS	Genl	Sr	S	I	
Dahlquist, Arthur Reuben	Chicago	LAS	Genl	Fr			II
Dahlstrand, Elva Jean	Indianapolis, Ind.	LAS	Genl	Sr	S		
Daigh, Alice Marilyn	Champaign	LAS	Genl	Fr		I	II
Dailey, Dorothy Jean	Rockford	LAS	Genl	Jr		I	II
Dailey, Joseph Patrick	Danville	LAS	Chem	Sr	S	I	
Daily, Genevieve Mary	St. Anne	EDUC	Genl	Sr	S		
Daily, Martha Ann	St. Anne	EDUC	Genl	Jr	S		
Dale, Helen Jean	Latham	LAS	Genl	Sr	S		
Dale, Virginia Helen	Oak Park	LAS	Genl	Fr		I	
Dallessandro, William	Chicago	LAS	PDent	Jr	S	I	II
Dällenbach, Frederick Douglas	Champaign	LAS	PMed	Jr	S	I	
Dallenbach, Rosanna Carolyn	Champaign	LAS	Genl	Fr		I	II
Dammann, Joseph A., A.B.	Dayton, Ohio	GRAD	Chem	U		I	II
Dammers, Warren Robert, B.M.	Oak Park	MED	Med	4	S	I	
Dana, Gloria	Kansas City, Mo.	LAS	Genl	So		I	II
Daniel, Jessie Marie	Murphysboro	PE	PE	So		I	II

Daniels, Frank, Jr.	Far Rockaway, N.Y.	ENG	Genl	Sr	S	
Daniels, Georgia Ruth	Champaign	LAS	Genl	So		I II
Danielson, Charlene Ruth	Riverside	FAA	Arch	Fr		I II
Dann, Ruth Edna	Chicago	JNL	Jnl	Sr	S	I II
Dannenfeldt, Carl Ernest, B.S.	Rock Island	GRAD	Educ	U	S	
Danner, Maurice Juston, B.S., M.S.	Champaign	GRAD	AgEcon	U	S	
Danner, Roland Victor	Chicago	ENG	EE	Sr	S	I II
Darling, Dorrence Kenneth, A.B.	Collinsville	GRAD	Educ	EM	S	I II
Darmstadt, Martha Joanne	Waukegan	FAA	Arch	Fr		II
Darrah, Elizabeth Ann	Oak Park	JNL	Jnl	Jr		I II
Darrough, Jeannette M., B.Ed.	Sheldon	GRAD	PolSci	U		I II
Darst, Major, Jr.	Morton	MED	Med	1	S	I II
Dashkind, Shirley Ruth, A.B., A.M.	New York, N.Y.	GRAD	Educ	U		I
Dashut-Dante, Edward, D.D.S.	Chicago	MED	Med	2	S	I II
Daub, Marian Costello	Reading, Pa.		Unc			
Daugherty, Arthur C., B.S., M.S.	Palestine	GRAD	Educ	U	S	
Daugherty, Margery Jean	Champaign	FAA	Arch	Fr	S	I II
Daugherty, Marjorie R.	Mendon	AGR	HEcon	Sr		I II
David, Marion June	Chicago	AGR	HEcon	Fr		II
Davidson, Bobbie Jean	Little Rock, Ark.	LAS	Genl	Jr		I II
Davidson, Donald Ray	Salem	AGR	Genl	Fr		I II
Davidson, Geraldine	Detroit, Mich.	LAS	Genl	So		I
Davidson, John Richard, B.S.	New Holland	GRAD	Educ	U	S	
Davidson, Lois Mary, B.Ed., A.M.	Salem	GRAD	Educ	U	S	
Davidson, Marian Joyce	Little Rock, Ark.	COM	UD	Jr		I II
Davidson, Rachel Mae	Eureka	LAS	DGS	Fr		I II
Davies, Alice Ann	Spring Valley	LAS	DGS	Jr	S	I II
Davies, Beverly Virginia	Spring Valley	LAS	Genl	Fr	S	
Davis, Adrian Walter, B.S.	Champaign	MED	Med	4	S	I
Davis, Bernell Vernon, B.S.	Sparta	MED	Med	4	S	I II
Davis, Diana	St. Louis, Mo.	AGR	HEcon	Fr		I II
Davis, Doris Louise	Homewood	AGR	HEcon	Fr		I II
Davis, Etta Lee, B.Ed.	Urbana	GRAD	Educ	U		I
Davis, Fred Leonard, Jr.	Geneva	LAS	Genl	Fr	S	I
Davis, Hallie Paxson	Cleveland, Ohio	LAS	Genl	Sr		I II
Davis, Hillaine June	Toledo, Ohio	LAS	Genl	Fr		I II
Davis, Howard Warren	Sandwich	COM	UD	Sr	S	I II
Davis, Jack Eugene, B.S.	Chicago	MED	Med	4	S	I
Davis, Jane Leita	Collinsville	LAS	Genl	So		I II
Davis, June Estella	Rockford	LAS	Genl	Fr		I
Davis, Loretta Lee	Chicago	LAS	Genl	Fr		I II
Davis, Merlyn Le Roy	Batavia	ENG	ME	Jr	S	
Davis, Millege Miller, B.Ed.	Shawneetown	GRAD	Educ	EM		I II
Davis, Newell Edward	Vandalia	LAS	PMed	So	S	I
Davis, Norma Jean	Potomac	LAS	Genl	Fr		I II
Davis, Shirley Jean	Chicago	LAS	PMed	So		II
Davis, William Scott	Chester	MED	Med	1	S	I II
Davis, Wintress Naomi	Potomac	AGR	HEcon	Sr		I II
Davis, Yetra Rhae	Tulsa, Okla.	LAS	OccTher	So		I II
Davison, Robert Morrison	Fairmount	LAS	Genl	Fr	S	
Davitz, Joel Robert	Chicago	LAS	PMed	So	S	I
Dawson, Carrie Belle, B.S.	East St. Louis	GRAD	Educ	EM	S	I II
Dawson, Ira Tremble	Chicago	LAS	PMed	FR		I II
Dawson, Irma Alaine	Chicago	LAS	Genl	Sr		I
Dawson, Robert Neil	Macomb	LAS	Genl	Sr	S	I
Day, John Withington	Earlsville, Va.	ENG	CE	Sr		I II
Day, Joseph John, Jr.	Chicago	LAS	Genl	Jr		II
Day, Katherine	Ft. Lauderdale, Fla.	JNL	Jnl	Sr	S	
Day, Robert Louis	Park Ridge	ENG	ME	So		I II
Dayton, Ann Louise	Champaign	LAS	Genl	So	S	I II
Dayton, Bonnie May	Champaign	LAS	Genl	Sr	S	II
Dayton, Laura May, A.B.	Urbana	GRAD	Latin	U		I
Deabler, Harold Herbert	Lake Odessa, Mich.	MED	Med	1	S	I II
Deakun, Alice	Calumet City	LAS	Genl	So		I II
Deal, Winifred Mae	Morrisonville	LAS	Genl	Jr		I II
Dean, Betty Lou	Harrisburg	FAA	Art	So		I II
Dean, Janet Barbara	Evanston	LAS	Genl	Fr		I II
Dean, Phyllis Marjorie	Chicago	LAS	Genl	Fr		II
Dean, Shirley Lois	Chicago	LAS	PJnl	So		I II
Dean, Shirley Wilson	Prophetstown	EDUC	Genl	Sr		I
Deane, Joseph David	Bloomington	FAA	Art	Jr	S	
Deanin, Rudolph, A.B., M.S.	Urbana	GRAD	Chem	U	S	I II
Dearborn, Robert John, A.B., M.S.	Muncie, Ind.	GRAD	Chem	U	S	I II
Dearbarger, Carrie Lucille	Chesterville	AGR	HEcon	So		I II
Debevoise, Martha Ketchum, A.B.	Urbana	GRAD	Engl	U		I II
DeBruler, Olive Cleo, A.B.	Huntingburg, Ind.	LIB	LibSci	1	S	I
Decker, Sam, B.S., M.S.	Chicago	MED	Med	2	S	I II
Deege, John Phillip	Quincy	LAW	Law	3	S	I
Dees, Helen Jean	Vandalia	LAS	Genl	Jr		I II
Defenbaugh, Marilyn Ann	Bloomington	LAS	Genl	Fr		I
Deffenbaugh, Eunice Verneal	Dewey	LAS	Genl	So		I II
Degnan, Angela McCarthy, B.Ed.	Chenoa	GRAD	Educ	U	S	
Dehning, Marilyn	Chicago	FAA	LArch	Fr		II
Dehr, Arlin Marion	Chicago	LAS	Genl	Jr	S	I II
Deichmann, Elizabeth Ann	Springfield	AGR	HEcon	Jr	S	I

Deichmiller, Arthur Chris	Danville	ENG	ME	Fr	I	
Deiss, William Paul	Shelbyville	MED	Med	2	S	I II
Deistung, Annett Marblo	Oak Park	LAS	Genl	So	I	II
Deitchman, George Lee	Chicago	LAS	Genl	Sr	S	I II
Dekker, Charles Abram, A.B.	Urbana	GRAD	Chem	U	S	I II
Delaney, Frederick Henry, B.Ed.	Peoria	GRAD	PE	U	I	II
Delaney, George Wesley	Virden	LAS	Chem	Fr	I	II
Delaney, Mary Patricia	Seneca	FAA	Art	Fr	I	II
De Lapp, Gloria Jean	Chicago	LAS	Genl	So	I	II
DeLarco, Yolanda Rita, B.S.	Chicago	EDUC	Genl	Irr	S	
Delevitt, Estelle Billie	Chicago	LAS	Genl	Fr	I	II
Delforge, Adrien, Jr.	Taylorville	LAS	Chem	Fr	I	II
Delman, Vincent A.	Brooklyn, N.Y.	DENT	Dent	4	I	II
De Luca, Louis James	Chicago	JNL	EJnl	Fr	I	II
Demaree, John Dale	Dixon	LAS	Genl	So	S	
Deming, Carol Rebecca	Chicago	JNL	EJnl	Fr	I	II
DeMoulin, Raymond Leroy	Mulberry Grove	PE	PE	Fr	I	
Dempsey, Thomas Francis	Oak Park	ENG	Genl	So	S	I II
Denell, Cecily Louise	Evanston	LAS	Genl	Fr	I	II
DenHerder, Marvin, A.B.	Urbana	GRAD	Chem	U	S	I II
Denny, Dorothy Denise	Vandalia	LAS	Genl	Jr	I	II
Denson, Ernest John	Wheaton	PHARM	Pharm	1	I	
Depke, Josephine May	Danville	LAS	PJnl	So	S	I II
Derr, Elizabeth Anne	Downers Grove	FAA	Mus	Fr	I	II
Derrington, Thomas Arthur	Centralia	DENT	Dent	4	S	I II
Derrough, Elizabeth Dolores	Champaign	FAA	Arch	Sr	S	I II
Desens, Althea Lily	Union Hill	PE	PE	Fr	I	II
Desmond, Richard Lee	Milton, Mass.	ENG	CE	Sr	I	
DeSollar, Erna Eleanor	Beardstown	EDUC	Genl	Jr	I	II
Dessen, Edward Herbert	Chicago	LAS	Genl	So	I	
DeStefano, Vincent George, B.S.	Brooklyn, N.Y.	DENT	Dent	4	S	I II
Dethloff, Phillip Arthur	Chicago	ENG	ME	Sr	S	I
Detmer, Maude, B.S.	Peoria	GRAD	Educ	EM	I	
Deuchler, Elizabeth Ann	Aurora	COM	LD	Fr	I	II
Deutch, Marjorie Rose	Tulsa, Okla.	LAS	Genl	Jr	I	II
Deutsch, Alfred Henry, A.B., A.M.	Collegesville, Minn.	GRAD	Engl	U	S	I II
Deutsch, Betty	Detroit, Mich.	LAS	Genl	Fr	I	II
Deutsch, David Louis, B.S.	Chicago	MED	Med	4	S	I
Deutsch, Dorothy J. Schlesinger	Urbana	LAS	Genl	So	I	
Deutsch, Johannes Leopold, B.S.	Urbana	GRAD	LibSci	U	S	I II
Devine, Helen Harriett	Watsoka	LAS	DGS	Fr	I	II
DeVries, Grace Mary	Chicago	EDUC	Genl	Sr	I	II
DeVries, John Edward, A.B.	Fenton	GRAD	Chem	U	S	I II
DeWall, Hazel Louise	Melvin	AGR	HEcon	So	I	II
Dewhirst, Emily Jane	Maroa	LAS	Genl	Sr	S	
Dexter, Laura Edith	Champaign	LAS	Genl	Fr	I	II
Dey, Raymond H., B.S., M.S.	Rankin	GRAD	Educ	U	I	
DeYoung, Henry D.	South Holland	MED	Med	1	S	I II
Diaguila, Anthony Joseph	Waukegan	ENG	ME	So	I	II
Diakiw, Forrest Robert	Chicago	ENG	EPhy	Sr	S	I
Diamond, Cecilia Ann	Maywood	LAS	Genl	Fr	I	
Diaz, Rogelio	Panama City, Republic of Panama	FAA	Arch	Sr	I	II
Dibble, Dorothy Fay	Arlington Heights	LAS	Jr	So	I	II
Dibble, Mary Louise	Gibson City	LAS	Genl	So	S	
DiCiro, Charles Marcus	Olney	LAS	PMed	Fr	S	I II
Dick, Carl Rankin, Jr.	Decatur	ENG	Genl	Sr	S	I
Dickinson, Patricia Claire	Skokie	FAA	Art	Fr	I	II
Dickman, Marion Lund, B.S., M.S.	Urbana	GRAD	Chem	U	S	I II
Dickson, Barbara Jean	Danville	LAS	Genl	So	I	II
Dickson, George Grashorn	Winnetka	LAS	Genl	Fr	I	
Dickson, Richard Kellogg	Wauwatosa, Wis.	ENG	MetE	Jr	I	II
Dictor, Theodore Allen	Chicago	LAS	Genl	Fr	I	II
Diedrich, Norma Del	Chicago	LAS	PJnl	Fr	I	II
Diehl, Albert Henry	Columbia	AGR	Genl	So	I	II
Dierkes, Loretta Jean	Edwardsville	AGR	HEcon	Fr	I	II
Dierkes, Melva Lee, B.Ed.	Quincy	GRAD	Educ	EM	I	II
Diers, Florence Viola, B.Mus., M.Mus.	San Jose	GRAD	Engl	U	S	
Dietemann, Eleanore, A.B.	Champaign	GRAD	Educ	U	I	II
Dietz, Elsie Marjorie, A.B.	Urbana	GRAD	Hist	U	S	
Dietz, Pauline Augustina	Urbana	LAS	Genl	Fr	S	
DiJulio, Helen Anna	Chicago	LAS	PLaw	So	I	II
Dill, Betty Jean	Rushville	AGR	HEcon	So	I	II
Dillard, Elizabeth Ramel	Chicago	LAS	Genl	Jr	I	II
Dillavou, Eleanore Anne	Champaign	FAA	Art	Sr	S	I
Dille, James M., B.S., M.S., Ph.D.	Chicago	MED	Med	1	S	I II
Dillow, Edith Esma, B.Ed.	Carbondale	GRAD	Educ	U	S	II
Dilworth, Harriett Helen	Table Grove	AGR	HEcon	So	I	
Dimitrukovich, Michael Roman	Gary, Ind.	ENG	MetE	Fr	I	
Dingerson, Agnes Mae	Berwyn	PE	PE	Fr	I	II
Dingman, John Donald, B.S.	Decatur	GRAD	Educ	EM	I	II
Dini, Arthur Eugene	Pekin	ENG	ME	Jr	I	
Dippel, Kenneth August	Granville	ENG	Genl	Fr	I	II
Dippel, Nedra Eileen, B.Ed., A.M.	Carbondale	GRAD	Educ	U	S	
Dirks, Anne Elizabeth	East Lansing, Mich.	AGR	HEcon	Sr	I	II

Ditto, Winston Blaine	Burlington, Iowa	LAS	Genl	Fr		I	II
DiVall, Robert Keith	Bensenville	COM	LD	So		I	II
Divan, Marilyn Jean	Champaign	FAA	Art	Sr		I	II
Diveley, Roy Everett, B.Ed.	Bloomington	GRAD	Educ	U	S		
Dix, Muriel Elaine	South Bend, Ind.	LAS	PJnl	Fr		I	II
Dixon, Emily Caroline	Elmhurst	JNL	EJnl	So		I	II
Dixon, Vivian Juanita	Chicago	LAS	Genl	Sr	S		
Dixson, Joseph Dean, B.S.	Monmouth	GRAD	Educ	U	S		
Dobbin, Ward Manker	Chicago	ENG	CE	So		I	II
Dobrian, Edward Vincent	Gary, Ind.	COM	LD	So		I	II
Dobrovolsky, Jerry Stanley	Lyons	ENG	Genl	Sr	S		
Dobrow, Bernard	Chicago	MED	Med	U	S		
Dodd, Mildred Beatrice, A.B.	Champaign	GRAD	Latin	U	S		
Dodd, Virginia Elizabeth	Dixon	PE	PE	So		I	II
Dodds, Helen Chambers	Champaign	LAS	Genl	Fr	S		
Dodds, Shirle Marie	Chicago	LAS	Genl	So		I	II
Dodson, Ralph Daniel, B.Ed.	Martinton	GRAD	Educ	U	S		
Doepel, Gertrude Marie	Newton	AGR	HEcon	Sr	S		
Doering, Barbara Jean	East Peoria	JNL	EJnl	So	S		
Doerscheln, Wilbur John, B.S.	Chicago	MED	Med	4	S		
Dolan, Dorothy Alice	Urbana	PE	PE	Fr		I	II
Dolan, Maurice Joseph	Champaign	FAA	Arch	Jr		I	II
Dolan, Phyllis Evelyn	Robinson	EDUC	Genl	Sr	S		
Dolder, Robert Hinky	Katowa	AGR	Genl	Sr	S		
Dolginow, Isaac Newton	Kansas City, Mo.	COM	LD	Fr		I	II
Dolin, Paul Robert	Chicago	LAS	PDent	Fr		I	II
Doll, Phillip Brock	Crete	ENG	Genl	Fr	S		
Dombro, Lillian Dorothy	Chicago	LAS	Genl	So	S		
Domgall, Zeta Mary	Danville	LAS	Genl	So		I	II
Don, Sharon Gertrude	Chicago	LAS	Genl	Jr		I	II
Donald, David Herbert, A.B., A.M.	Goodman, Miss.	GRAD	Hist	U		I	II
Donath, Fred Otto	Chicago	LAS	Genl	Jr		I	II
Doney, Louis M., B.S.	Urbana	GRAD	Cer	U		I	II
Donine, Marvin David	Chicago	LAS	Genl	Fr	S		
Donnel, Curtis, Jr.	Decatur	ENG	EE	Fr	S		
Donnelly, Shirley Ann	Ohio	PE	PE	Fr		I	II
Donner, Gene Leonard	Chicago	ENG	EE	So		I	II
Donohue, Mary Kathryn	Urbana	COM	LD	So		I	II
Dooley, Robert Daniel	Oak Park	MED	Med	1	S		
Dooley, Roger Earle	Des Plaines	ENG	EE	Sr		I	II
Doppelt, Shirley Bernice	Chicago	LAS	Genl	Jr		I	II
Doran, Ellen Dorothy	Chicago	LAS	Genl	Sr		I	II
Dorch, Mildred Ruth	Dallas City	AGR	HEcon	Jr	S		
Dorfman, Arnold	Chicago	LAS	PMed	Fr	S		
Dorman, Bernard Albert	Chicago	COM	LD	So		I	II
Dorman, Marion Phyllis	Tolono	LAS	Genl	Fr		I	II
Dorsey, Sydney Beverly	Chicago	LAS	Chem	Fr		I	II
Dortch, Dorothy Frances	Granite City	LAS	Genl	Fr		I	II
Dotson, Paul Robert	Tuscola	ENG	Genl	Fr	S		
Doubet, Charles Junior	Williamsfield	AGR	Genl	Sr		I	II
Doubet, Kathryn Bowers, B.S.	Hanna City	GRAD	Educ	EM			
Dougherty, Martin Paul, A.B.	Decatur	GRAD	Engl	U	S		
Douglas, Dale Wooley, A.B.	Bushnell	MED	Med	3	S		
Douglass, Marilyn Joan	Aurora	LAS	Genl	So		I	II
Douthitt, Gloria Fay, B.Ed.	Waukegan	GRAD	Educ	U		I	II
Dovitch, Victor, B.S.	Brooklyn, N.Y.	DENT	Dent	4	S		
Dowd, George Matthew	Oak Park	ENG	EE	Sr		I	II
Dowling, Enos Everett, B.D.	North Vernon, Ind.	LIB	LibSci	1	S		
Dowling, James Walter	Champaign	LAS	PLaw	Fr		I	II
Dowling, Ralph Gibson	Chicago	PE	PE	Fr		I	II
Dowling, William Kelso	Lincoln	ENG	ME	Jr		I	II
Downing, Charles	Reevesville	AGR	Genl	Sr	S		
Downing, Nancy Ruth	Decatur	LAS	Genl	Sr		I	II
Downs, Lois Katherine	Cincinnati, Ohio	LAS	Genl	Fr		I	II
Downs, Nancy Louise, B.S.	Proctor, Minn.	GRAD	Educ	U		I	II
Doyle, Joan Mary	Champaign	LAS	Chem	Fr		I	II
Doyle, John Thomas	Moline	LAS	Genl	Fr		I	II
Drabek, Betty Ann	La Grange	LAS	Chem	So		I	II
Drago, Rosario Philip, B.S., A.B., B.S.	New York, N.Y.	MED	Med	3	S		
Drake, Charles Francis	Chicago	MED	Med	U	S		
Drake, Lyle Walter, B.Ed.	Kilbourne	GRAD	Educ	U	S		
Drake, Stevens Stewart, B.S., M.S.	Urbana	GRAD	Chem	U	S		
Dranoff, Jennie, A.B.	New York, N.Y.	GRAD	Engl	U		I	II
Draper, Lee Brink	Franklin Park	ENG	ME	Fr		I	II
Dray, Sheldon, B.S.	Chicago	MED	Med	1	S		
Drell, Hyman Joseph, B.S.	Chicago	MED	Med	4	S		
Drennan, Elwanda June	Etna	AGR	HEcon	Sr		I	II
Drew, Clifford Lee, B.S.	Irving	GRAD	Educ	U	S		
Drewnicky, Olga Catherine	Chicago	COM	UD	Jr		I	II
Driscoll, John Edward	Chicago	LAS	PMed	So	S		
Driscoll, William Robert	Chicago	COM	LD	Fr		I	II
Driskell, Donald Hugh	Eldorado	ENG	Genl	Fr		I	II
Dritz, Harvey Fred, B.S.	Chicago	MED	Med	3	S		
Dritz, Irwin, B.S.	Chicago	MED	Med	4	S		
Driver, Ben Carl, A.B., B.S.	Midland, Texas	GRAD	LibSci	U	S		
Droll, Billy Joe	Whittington	LAS	Genl	Fr		I	II

Droste, Elaine Virginia	Springfield	LAS	Genl	Sr	S	I	II
Drucker, Edgar Francis, A.B., B.S.	Chicago	MED	Med	4	S	I	
Drugof, Martin Samuel	Chicago	LAS	PMed	Fr	S		
Drum, Mary Louise	Decatur	LAS	Genl	So	S	I	II
Drury, Lois Maude, B.S.	Urbana	GRAD	Educ	U			
Drusch, Helene Elizabeth	Lincolnwood	EDUC	Hist	Jr		I	II
Dubach, Emil Edmund	Ottawa	LAS	Plaw	Fr		I	
Dubinetz, George Gregory	Chicago	FAA	Art	Sr	S		
DuBois, Jane Byers, B.S.	Champaign	GRAD	Educ	U		I	II
Ducat, Dorothy, A.B.	Pitman, N.J.	LIB	LibSci	1	S		
DuComb, Gertrude Smith	Boulder	LAS	Genl	Jr	S		
Duddy, Anna Janice	Canton	LAS	PJnl	So		I	
Duensing, Robert William	Algonquin	ENG	CE	Sr	S	I	II
Dueringer, Ver Jean Hazel	Elgin	EDUC	SocSci	Jr		I	II
Dugan, Patricia Ann	Winchester	FAA	Mus	Jr		I	
Dugas, Frank Emil, B.S.	Westville	GRAD	Soc	U		I	
Dugas, Marie Elizabeth	Westville	LAS	PMed	Fr		I	II
DuHamel, Raymond Horace	Springfield	ENG	EE	Jr		I	II
Dulla, Marian Gladys	Cicero	PHARM	Pharm	4	S	I	II
Dumas, Carol May	Park Ridge	LAS	Genl	Fr		I	II
Dumelow, Joan Margaret	River Forest	LAS	Genl	Fr		I	II
Dumes, Naomi Rebecca	Terre Haute, Ind.	LAS	Genl	Fr		I	II
Duncan, Emmanuel	Colp	COM	LD	Fr		I	
Duncan, Gwendolynn Ethel	Chicago	LAS	Genl	Sr		I	
Duncan, Jeanne Anne	DeKalb	LAS	Genl	Jr		I	II
Duncan, Mary	Alvin	LAS	Genl	Fr		I	II
Duncan, Ray O., LL.B., A.M.	Springfield	GRAD	Educ	U		I	II
Dunlevy, Robert Edwin, A.B.	Chicago	MED	Med	4	S	I	
Dunlop, Kathleen Edith	Clarendon Hills	LAS	Genl	Sr	S	I	
Dunn, Dorothy Fay	Champaign	AGR	H Econ	Sr	S	I	
Dunn, Ford Robert, B.Ed.	Pinckneyville	GRAD	Educ	EM	S	I	
Dunn, Gertrude Edith	Sycamore	AGR	H Econ	So	S		
Dunn, Lewis Judson	New London, Conn.	COM	LD	Fr		I	
Dunn, Margaret Jane	Champaign	FAA	Art	Fr		I	II
Dunovsky, Dorothy Blanche	Chicago	PHARM	Pharm	3	S	I	II
DuPre, Frances Elizabeth, B.S.	Chey Chase, Md.	GRAD	Mus	U	S		
Dupré, George Thomas	Oak Park	ENG	ME	Fr	S	I	
Durbin, Paul Eugene, B.S.	Bement	AGR	Irr	U	S	I	
Durham, Betty Ray	Harrisburg	FAA	Mus	Fr		I	II
Durham, Evelyn Elizabeth, B.Ed.	Bloomington	GRAD	Educ	U	S		
Durham, Marjorie Armstrong, A.B., A.M.	Beatrice, Nebr.	LAS	Irr	U	S		
Durre, Lloyd Albert, A.B.	Wood River	GRAD	Hist	EM		I	II
Dusek, Frank Charles	Downers Grove	DENT	Dent	2	S	I	II
Dushkind, Shirley Ruth, A.B., A.M.	New York, N.Y.	GRAD	Physic	U		I	II
Dusik, Thaddeus Frank, A.B., B.S.	Chicago	DENT	Dent	4	S	I	II
Dust, Joseph Vincent	Effingham	ENG	CE	Sr	S	I	
Duster, Benjamin Cecil	Chicago	ENG	EE	Fr		I	II
Duval, Barbara Mae	Kankakee	LAS	Genl	So		I	II
Dvoret, Jerome Walter	Chicago	LAS	PMed	Fr	S		
Dwyer, Alice Irene	Forest Park	COM	LD	Fr		I	II
Dwyer, John Cornelius, Jr.	Vancouver, Wash.	MED	Med	2	S	I	II
Dwyer, William Burel, B.S.	Chicago	MED	Med	1	S	I	II
Dyer, Betty Jane	Chicago	PE	PE	Fr		I	
Dyer, Darrell Bruce	Clinton	ENG	Genl	Fr		I	II
Dyer, Ruth	Indianola, Iowa	LIB	LibSci	1	S		
Dysinger, Robert Holmes	Jacksonville	MED	Med	2	S	I	II
Dzik, Samuel	New York, N.Y.	ENG	EPhy	Sr	S	I	II
Eads, Bernice	Hamilton, Mo.	FAA	Mus	Sr		I	II
Eads, David Kirk	Longview, Texas	LAS	ChEng	Sr	S	I	
Earhart, Benjamin Harlin	Albion	COM	LD	So		I	II
Earle, Marjorie Pearce	Champaign	PE	PE	Jr		I	II
Earlenbaugh, Margaret Anna	Forreston	LAS	OccTher	So		I	II
East, Jeanne Marie	Evanston	LAS	Genl	Fr		I	
Easton, Nelson Roy, A.B.	Craftsbury Common, Vt.	GRAD	Chem	U		I	II
Eaton, Gordon Willard	Chicago	ENG	AgEng	Jr	S	I	II
Ebel, A. James, A.B.	Champaign	GRAD	EE	U	S		
Ebel, Theodore Hans	Elgin	FAA	LArch	Sr	S		
Eber, Mary Elizabeth	Rochelle	LAS	Genl	So		I	II
Eberhart, Lavina Edna	Cissna Park	AGR	H Econ	Jr		I	II
Eberle, Allene Edna	Glen Ellyn	AGR	H Econ	So	S	I	II
Ebert, Mary Ellen	Urbana	LAS	Genl	Fr		I	II
Ebisch, Adelheid Elli, B.S.	Chicago Heights	MED	Med	3	S	I	
Ebner, Ethel, B.Ed.	Tonica	GRAD	Educ	EM	S	I	
Echols, Orpheus Chester, B.Ed., A.M.	Urbana	GRAD	Educ	U		I	
Echt, Raymond Jacob	Chicago	MED	Med	1	S	I	II
Echternach, Leona Frances	Genoa	AGR	H Econ	Sr	S	I	II
Ecke, Lyda Mae	Vandalia	LAS	Genl	So	S	I	II
Eckel, Earl Joseph, B.S.	Champaign	GRAD	MetE	U		I	II
Eckert, Alfred Carl, Jr., B.S.	Wheaton	GRAD	Chem	U	S	I	II
Eckhoff, Harold Eugene	Harvel	ENG	CE	Jr	S	I	II
Economon, Colleen Billie	Oakland, Calif.	FAA	Art	Fr		I	II
Eddy, Robert Lorenzo	Decatur	ENG	ME	Jr	S		
Eddy, Rosemary	Harrisburg	JNL	EJnl	So	S	I	II
Edelson, Frances Elaine	Chicago	LAS	Genl	Fr		I	II
Edgar, Rowena Elizabeth	Urbana	PE	PE	So		I	II

Edlin, Rose	Peoria	LAS	DGS	So	I	II
Edlund, Mervale Louis	Royersford, Pa.	ENG	Genl	Fr		II
Edmison, Arthur Calvin, B.Ed., M.S.	Mt. Vernon	GRAD	Educ	U	S	
Edmonds, James Richard	Bloomington	JNL	EJnl	Fr		II
Edwards, Clayton DeLellis	Chicago	LAS	ChEng	Fr		II
Edwards, Gerald Dec	Crossville	ENG	ME	So	S	I
Edwards, Lawrence John	Waukegan	LAS	Cbem	Jr		II
Edwards, Virginia Schooley	Oak Park	MED	Med	2	S	I
Egan, Virginia Guertin	Chicago	LAS	DGS	Fr		II
Egbert, Doris Winifred	LaFayette	LAS	Genl	Sr		II
Egbert, Maria Faith	LaFayette	AGR	HEcon	Sr		II
Egdorf, McDonald F., B.S., M.S.	Watske	GRAD	Educ	U	S	I
Ege, Carol Catherine	Oak Park	ENG	Genl	So		II
Eggen, Kolbjorn Gudmund, B.S.	Chicago	MED	Med	3	S	I
Eggers, Eugene Ross	Chicago	ENG	ME	Fr		II
Ehle, Janice Rhoda	Rock Island	LAS	DGS	Fr		II
Ehle, William Henry	Rock Island	ENG	EE	Jr	S	
Ehmann, Robert William	Chicago	LAS	Genl	Fr		I
Ehrhart, Mae, B.Ed.	Quincy	GRAD	Educ	EM		I
Ehrlich, Lee, B.S.	Chicago	MED	Med	3	S	I
Ehrlich, Martha, B.S.	Chicago	GRAD	Educ	U	S	I
Eichstaedt, Howard M.	Arcadia, Calif.	ENG	CE	Sr		II
Eickleberry, Doris Lucile, B.S.	Fairfield	GRAD	Engl	U	S	
Eidelmann, Wanda May	Champaign	LAS	DGS	Fr		II
Eikleberry, William Glen, A.B.	Niantic	GRAD	Educ	EM	S	I
Eilen, Rhoda	Woodmere, N.Y.	LAS	DGS	Fr		II
Eilert, Virginia Lorraine	Chicago	LAS	Genl	Sr		II
Einbecker, Betty Jean	Highland Park	AGR	HEcon	Sr		II
Einbecker, Kathryn	Highland Park	COM	LD	Fr		II
Einbecker, Margaret Louise	Highland Park	PE	PE	So		II
Eriksson, Inge Elly Schepler	Reykjavik, Iceland	LAS	Chem	Sr	S	I
Eisenberg, Beatrice	Little Rock, Ark.	LAS	Genl	Fr		II
Eisenberg, Harold Joseph	Chicago	MED	Med	2	S	I
Eisenberg, Leland Lincoln	Chicago	LAS	Genl	Fr		II
Eisenberg, Miriam Hope	Chicago	LAS	Genl	Sr	S	I
Eisenberg, Myrtle	Chicago	PE	PE	Fr		II
Eisenberg, Robert Stanley, A.B., B.S.	New York, N.Y.	DENT	Dent	4	S	I
Eisenberg, Sylvia	Chicago	AGR	HEcon	Fr		II
Eisenbrandt, Betty Jean	Plainfield	EDUC	Genl	Sr		II
Eisenbrandt, Helen Virginia	Plainfield	EDUC	Genl	Jr		II
Eisenrich, Rita Marie	Amboy	FAA	Mus	Fr		II
Eisenstaedt, Richard Henry	Chicago	COM	UD	Sr	S	I
Eisman, Morris Phil	Chicago	DENT	Dent	2	S	I
Eisner, Katharine Emmeleine	Rockford	LAS	Genl	Jr		II
Ekins, Bette Elaine	Hinsdale	LAS	Genl	Fr		II
Ekstrand, Richard William	Waukegan	MED	Med	4		I
Ekstrom, Eric Carl	Rockford	COM	LD	Fr		II
Elder, Harry Eugene	Eldorado	LAS	ChEng	Jr	S	I
Eldridge, William James	Clinton	COM	LD	Fr		II
Elias, Hyman Jack	Rochester, N.Y.	LAS	ChEng	So		II
Elich, Robert William, B.S., B.S.	Chicago	GRAD	Pharm	C	S	I
Elsberg, Edward Ira, B.S.	Chicago	MED	Med	3	S	I
Elkin, Gertrude	Chicago	LAS	Genl	So		II
Elliott, Annabelle Geneva	Morrisonville	COM	LD	So		II
Elliott, Joseph Norman	Bloomington	LAW	Law	3		I
Elliott, Leroy Patton, A.B., A.M.	Peoria	GRAD	Educ	EM		II
Elliott, Robert Troy	Rock Island	ENG	ME	Jr		I
Ellis, Barbara Lee	Clayton, Mo.	LAS	Genl	Jr	S	I
Ellis, Geneva Eileen	Rinard	LAS	Genl	Fr		II
Ellis, Loras Jane	Tullahoma, Tenn.	LAS	Genl	Fr		II
Ellis, Paul Neimeier	Urbana	LAS	Genl	Jr		II
Ellis, Sarah Lou	Champaign	EDUC	Genl	Sr		II
Ellman, Harvard	Chicago	COM	PMed	So	S	I
Ellrich, Ardis Ilene	Moweaqua	COM	UD	Jr	S	I
Elson, Thelma Coe, A.B.	Peoria	GRAD	Educ	EM		II
Embry, Eloise Earl	Champaign	LAS	Genl	Fr		II
Emery, Herschell Gene	Mt. Vernon	GRAD	PolSci	Jr		II
Emig, Herbert Martin, Ph.G., B.S., M.S.	Chicago	GRAD	Pharmacol	C		II
Emling, Maurice William	Du Quoin	ENG	ME	ME	S	I
Emling, Roger E.	Du Quoin	ENG	ME	Sr		II
Emly, Barbara Jaue	Urbana	ENG	ME	Fr		II
Emmick, Robert D., A.B.	Holland, Mich.	GRAD	Chem	U		II
Emshoff, William Gordon	Chicago	LAS	Chem	Fr	S	I
Emsing, Dorothy Ann	Urbana	LAS	Genl	Jr		II
Endless, Anita Shirlee	Chicago	LAS	Genl	Fr		II
Engbrecht, Edith Laura	Chicago	JNL	Jnl	Jr		II
Engel, Edith Nita	Chicago	LAS	Genl	Jr	S	I
Engerman, Audrey Helena	Chicago	LAS	Genl	Fr		II
Engle, Shirley H., B.S., M.S.	Urbana	GRAD	Educ	U	S	I
Englis, Robert McLean	Urbana	ENG	Genl	Fr	S	
Engstrom, Theodora Juanita	Marseilles	AGR	HEcon	Jr		II
Enlow, Alberta Nellie	Martinton	LAS	Genl	Fr		II
Ennis, Robert Dean	Springfield	LAS	Genl	Fr		II
Enos, Herman L., Jr., A.B., M.S.	Wilmar, Calif.	GRAD	Chem	U		II
Enos, Yuba Dean	Clinton	LAS	Genl	Fr		II
Epperson, Amzi Theodore, B.S., A.M.	Mt. Vernon	GRAD	Educ	U		I

Epstein, Arthur Irwin	Dwight	DENT	Dent	1	S	I	II
Epstein, Edward Sidney	Chicago	LAS	Genl	Fr		I	II
Epstein, Elaine Janet	Chicago	LAS	Genl	Jr		I	II
Epstein, Ida Miriam	Chicago	LAS	Genl	Fr		I	II
Epstein, Lois Fern	Chicago	LAS	Genl	Jr		I	II
Epstein, Marjorie Lois	Chicago	LAS	Genl	Fr		I	II
Epstein, Sydney	Chicago	ENG	CE	Sr	S		
Epton, Jerry William	Chicago	COM	LD	Fr			II
Ercegovac, Rudy Frank	Chicago	LAS	ChEng	Fr		I	
Ergüven, Ali	Turkey	ENG	MetE	Sr	S	I	II
Erickson, Addison Howard	Rockford	LAS	PMed	So		I	II
Erickson, Anton Earl, B.S.	Urbana	GRAD	Agron	U		I	II
Erickson, John Elmer	Paxton	DENT	Dent	3	S	I	II
Erickson, Marjorie Ann	Urbana	FAA	Mus	Jr		I	
Erickson, Waldemar Eugene	Park Ridge	COM	LD	Fr	S	I	II
Erikson, Grace Marion	Winnetka	LAS	Genl	Jr	S	I	II
Erikson, Roland Edward, A.B.	Moline	MED	Med	3	S	I	II
Eris, Mustafa Cuneyt	Turkey	LAS	Genl	Fr	S	I	II
Ernst, Thelma	Warsaw	AGR	HEcon	Fr	S	I	II
Erwin, Kenneth Aldrich	Keene, N.H.	ENG	EPhy	Sr		I	
Erwin, William Walter	Bourbon, Ind.	AGR	Genl	Fr	S	I	
Erzen, Cevdet Ali, B.S., M.S.	Izmir, Turkey	GRAD	CE	U		I	II
Esbensen, Victor George	Eagle River, Wis.	DENT	Dent	1	S	I	II
Escomel, Marcelo	Lima, Peru	ENG	Genl	Fr		I	II
Esenther, Shirley Eileen	Chicago	LAS	Genl	Fr		I	II
Eshelman, Robert Fornay, B.S.	Florin, Pa.	GRAD	AgEcon	U	S	I	II
Eslinger, Kenneth Nelson, A.B., A.M.	Downs	GRAD	Educ	U		I	
Espenschied, Roland Frederick	Marine	AGR	Genl	Sr	S		
Espy, Ralph Miller, B.Ed.	Danville	GRAD	Educ	U		I	
Esrom, Marie	Chicago	FAA	Mus	Jr		I	II
Esselbaugh, Charles Orris, B.S., M.S.	Urbana	GRAD	Entom	U	S	I	II
Essenpreis, Maryanne Louise	Champaign	FAA	Art	Fr		I	II
Esser, La Verne Madeleine	Washington	LAW	Law	3	S	I	II
Esters, Betty Jeanne	Indianapolis, Ind.	LAS	Genl	Fr		I	II
Estes, John Earle, Jr., B.S.	Oak Park	MED	Med	4	S	I	
Etges, Frank Joseph	Chicago	LAS	PMed	So	S	I	
Etherton, Edson Lester, B.S.	Le Roy	MED	Med	2	S	I	II
Eubanks, Audrey Yvonne	Chicago	EDUC	Genl	Jr	S	I	II
Eumont, Harry Wesley	Casey	ENG	CE	Fr	S	I	
Evangelatos, Frances	Chicago	LAS	Genl	Fr		I	II
Evans, Charles R., B.S., M.S.	Clinton	GRAD	Educ	U		I	II
Evans, Elizabeth Rose	Murphysboro	LAS	Genl	So		I	II
Evans, Helen Rae	Chicago	LAS	Genl	Fr		I	II
Evans, Mary Edna	Racine, Wis.	FAA	Mus	Sr	S	I	II
Evans, Mary Eugenia	Murphysboro	LAS	PolSci	Jr	S	I	
Evans, Mary Louise, B.Ed., A.M.	Urbana	GRAD	Engl	U		I	II
Evans, Maxine Mildred	Effingham	LAS	PMed	Fr		I	II
Evans, Patricia Helen	Peoria	LAS	Genl	Fr		I	II
Evans, Robert Allen, B.Ed.	Saunemin	GRAD	Educ	U		I	II
Evans, Ruth Frantz	Palestine	AGR	HEcon	Jr	S		
Evans, Tony Wright	Mason	ENG	ME	Sr	S		
Evans, Ulmont Lorden, B.Ed.	Shelbyville	GRAD	Educ	Jr	EM		
Everett, Harry Schiedy, Jr.	Chicago	ENG	EPhy	EM		I	II
Evers, Henry Herbert	Chicago	LAS	ChEng	Sr	S	I	
Eversole, Charles Anthony	Sterling	ENG	EE	Sr	S		
Eversole, John Wayne	Onarga	LAS	Genl	Fr	S		
Eversole, William Paul	Shelbyville	ENG	Genl	Fr	S	I	II
Everson, Dorothy Mae	Champaign			Unc	S		
Ewan, William Armstrong, B.S.	Cuba	MED	Med	4	S	I	
Ewart, Fred Egerton, B.S.	New York, N.Y.	MED	Med	3	S	I	II
Ewart, Hugh Winchester	Chicago	FAA	Mus	So	S	I	
Ewing, Lillian Avis, B.Ed.	Benton	GRAD	Educ	U	S		
Eyler, Robert Wilson, B.S.	Urbana	GRAD	Chem	U	S	I	
Fagan, George Edward	Springfield	LAS	PMed	Jr	S		
Fahler, Charles Franklin	Mendota	COM	UD	Sr	S	I	II
Fairbank, Margery	West Chicago	FAA	Art	So		I	II
Fairbanks, Aline Margaret	Urbana	FAA	Mus	So		I	II
Faletto, Philip John	Marseilles	ENG	CE	Sr	S	I	II
Falkoff, Esther Penelope	Chicago	LAS	PMed	Fr		I	II
Faller, Richard William	Waukegan	FAA	Mus	Sr	S		
Falls, John Laurance	River Forest	FAA	PMed	So	S	I	
Falstein, Phyllis Dale	Chicago	LAS	Genl	So		I	II
Fanning, William Joseph	Chicago	COM	LD	Fr		I	II
Fanta, Barbara Marie	Cicero	EDUC	Genl	Sr		I	II
Farkas, Marilyn Jean	Chicago	JNL	ENJl	Jr		I	II
Farley, Betty Jean	Chatham	LAS	Genl	Jr		I	II
Farley, Norma Jean	Sadorus	LAS	Genl	Fr		I	II
Farlow, Ida Mae	Urbana	LAS	Genl	Fr	S	I	II
Farnen, William White	Kansas City, Mo	ENG	ME	Sr	S	I	
Farnham, Ruth Mary	Normal	LAS	Genl	Sr	S		
Farr, Margaret Ann	Urbana	FAA	Mus	Jr		I	II
Farris, Randall Scott	Springfield	ENG	Genl	Fr		I	II
Farris, William Dale	Champaign	LAS	Genl	Fr		I	
Fascilla, Lenore Marie	Chicago	LAS	PlnI	Fr		I	
Faul, Clarice Rose	Peoria	MED	Med	1	S	I	II
Faulkner, Charles Draper, Jr.	Chicago	FAA	ArchEng	Fr		I	II

Faull, Harold Warren	Kewanee	ENG	ME	Jr	S	I	II
Faye, Christopher	Urbana	ENG	Genl	Fr		I	II
Fazekas, Matilda Veronica	Georgetown	LAS	PJnl	Fr		I	II
Fedosky, Virginia Grace	Calumet City	PE	PE	So		I	II
Feeney, John Paul	Springfield	ENG	Genl	Fr	S		
Fefer, Cyril	Chicago	LAS	ChEng	Fr		I	
Fehrenbacher, Florence Christine	Olney	LAS	Genl	Fr		I	
Fehrs, Mary Anne	La Grange	JNL	Jnl	Jr		I	II
Feiertag, Lester August, B.S., M.S.	Milwaukee, Wis.	GRAD	Pharmacog	C			
Feiler, Leonard Gottfried	Chicago	LAS	Genl	Jr	S	I	II
Feingold, Ann Babcock	Chicago	LAS	Genl	Fr		I	
Feinstein, Jeanne	St. Louis, Mo.	LAS	Genl	So		I	II
Feitshans, Myron Hayes	Laura, Ohio	ENG	EPhy	Jr		I	II
Feld, Myron, B.S.	Chicago	MED	Med	1	S	I	II
Feldman, Abraham I.	Kingston, N.Y.	LAS	PMed	Sr		I	
Feldman, David Hyman	Chicago	LAS	PMed	Sr		I	
Feldman, Herman	Chicago	LAS	PMed	So		I	
Feldman, Lloyd Solomon	Chicago	LAS	Genl	Sr		I	II
Feldman, Philip Jesse, Ph.G., B.S.	Mt. Vernon, N.Y.	DENT	Dent	4		I	II
Feldman, William Carl	Kingston, N.Y.	LAS	PMed	Fr		I	II
Feldmann, Earl Edwin	Mt. Vernon	DENT	Dent	2		I	II
Fellenstein, Raoul Glenn	St. Louis, Mo.	ENG	ME	Fr		I	
Felker, Robert Harold	Rockford	LAS	Genl	So	S		
Felsenthal, David Samuel, Jr.	Chicago	ENG	AgEng	Jr		I	II
Felsenthal, James Gabriel	Glencoe	LAS	Genl	Fr	S	I	
Felsenthal, Shirley Jane	Chicago	LAS	PMed	Fr		I	II
Feltman, Shirlee Rose	Huntington, Ind.	AGR	HEcon	So		I	II
Felton, Johnella Bennie	Chicago	LAS	Genl	Jr		I	II
Fenchel, Robert Miles	Chicago	LAS	ChEng	Sr	S	I	
Fenchel, Shirlee Anne	Chicago	LAS	Genl	Fr		I	II
Fenoglio, Pete	Canton	ENG	EE	Sr		I	
Ferguson, Nora Young, B.S., B.Ed.	Danforth	GRAD	Educ	U		I	II
Ferguson, Richard Gillum	Harrisburg	LAS	ChEng	Fr	S		
Ferguson, William Clyde, B.S., M.S.	Wilkinsburg, Pa.	GRAD	Entom	U		I	II
Ferranti, Frank Raymond	West Springfield, Mass.	PE	PE	Fr	S		
Ferree, Alice Jane	Decatur	LAS	Genl	Jr		I	II
Ferree, Mary Katherine	Decatur	JNL	Jnl	Sr		I	II
Ferreira, Cesar Guillermo	Asuncion, Paraguay	COM	LD	Fr		I	II
Ferrer, Gloria	Chicago	LAS	Genl	So		I	II
Ferris, John Harrison	Princeton	ENG	Genl	Fr	S	I	
Ferry, George Francis, Jr.	Chicago	LAS	Genl	Sr		I	
Ferry, John Donald	Chrisman	MED	Med	1		I	II
Ferstandig, Louis Lloyd	Brooklyn, N.Y.	LAS	Chem	Jr		I	II
Fetherston, John Mulholland, Jr.	Pittsburgh, Pa.	ENG	ME	Sr		I	
Ficker, Alfred James	Decatur	ENG	Genl	Fr	S		
Fickle, Winfield McClellan	Chicago	LAS	Genl	Fr		I	
Fielding, James Franklin	Champaign	LAS	Genl	Sr		I	
Fierce, Francis Marion, Jr.	Westmont	DENT	Dent	1		I	II
Fiess, Harold Alvin, B.S., M.S.	Urbana	GRAD	Chem	1		I	
Figueroa, Liborio, B.S., M.D.	Chicago	GRAD	Surg	C			
Fijan, Kenneth James	Granite City	MED	Med	2		I	II
Fillman, Eldon Mayo	Gardner	MED	Med	3	S	I	II
Fincham, Nellie Jean	Pratt, Kans.	COM	LD	So		I	
Finder, Earl Frederick	Champaign	COM	LD	So		I	
Fine, Albert M.	Chicago	LAS	PMed	Fr	S	I	II
Finegan, Robert Franklin	Evanston	LAS	ChEng	Fr		I	II
Finegold, Leonard Andrew	Chicago	LAS	PDent	Fr	S		
Finger, Dorothy	Bloomington	LAS	Genl	Fr		I	II
Finger, Jean Dorothy	Downers Grove	LAS	DGS	So	S	I	II
Finger, Shirley Jane	Marissa	AGR	HEcon	Sr	S		
Fink, Aaron	Chicago	LAS	PMed	Fr		I	II
Fink, Carolyn Bea	Chicago	LAS	PMed	So		I	II
Fink, Dorothy Rose	Berwyn	PE	PE	So		I	II
Finkelstein, Harold	Chicago	LAS	PMed	So	S	I	II
Finkelstein, Sam	Chicago	DENT	Dent	3		I	II
Finley, Clara Mildred	Sparta	AGR	HEcon	So		I	II
Finley, Dale Claude, Jr.	Urbana	LAS	Genl	Fr	S		
Finney, Martha Jane	Urbana	LAS	Genl	Fr		I	
Fiocchi, Charles Anton	Cherry	EDUC	Med	1	S		
Fischer, Arthur Robert	Berwyn	MED	Med	1	S	I	II
Fischer, Francis Elmer	Waukegan	LAS	Chem	Jr		I	II
Fischer, Harold Carl, A.B.	Chicago	MED	Med	4	S	I	II
Fischer, Mary Glick	Mt. Carmel	LAS	Genl	Sr		I	II
Fischer, Regina W., A.B.	New York, N.Y.	GRAD	PhysChem	U	S		
Fischer, Robert Blanchard, B.S.	Wheaton	GRAD	Chem	U	S	I	II
Fischman, June Miriam	Chicago	LAS	Genl	Fr		I	
Fisli, Phyllis Drennan	Taylorville	JNL	Jnl	Jr		I	II
Fisher, Doris Mae	Onarga	FAA	LArch	Jr		I	II
Fisher, Edith	Chicago	LAS	Genl	Fr		I	II
Fisher, Faye Elizabeth	Champaign	LAS	Genl	Fr		I	
Fisher, George Edison, A.B., A.M., B.D.	Champaign	GRAD	Engl	U		I	II
Fisher, Geraldine Mary	Chicago	LAS	PMed	So		I	II
Fisher, Gwendolyn, A.B., B.S.	Chicago	LAS	LibSci	U	S		
Fisher, Lowell B., B.Ed., A.M.	South Bend, Ind.	GRAD	LibSci	U	S		
Fisher, Margaret Louise	Muncie	GRAD	Educ	U	S		
Fisher, Mary Louise, B.S.	Roseville	LAS	Genl	Jr		I	II
	Bement	GRAD	Math	U	S	I	

Fisher, Robert William	Chicago	LAS	ChEng	Fr	I	
Fisher, Willard	Chicago	DENT	Dent	2	S	I II
Fishman, Lorraine Marsha	Chicago	LAS	Genl	So		I II
Fishman, Shirley Edythe	St. Louis, Mo.	FAA	Art	Fr		II
Fissel, Madonna Jeanne	Danville	LAS	Genl	Fr		II
Fitch, Grace Louise, A.B.	Jacksonville	GRAD	Educ	EM		I II
Fitch, John Gene	Barry	ENG	ME	Fr	S	I II
Fitch, Mary Ethelyn	Barry	AGR	HEcon	Sr	S	
Fitch, Vernon	Omaha, Nebr.	ENG	CE	Jr		II
Fitton, Bertron Reed	Peoria	ENG	CE	Sr		II
Fitton, Margaret Jeanne	Rantoul	COM	Genl	Fr		I II
Fitzsimmons, Cleo, B.S., M.S.	Urbana	GRAD	Econ	U		II
Flaherty, James Joseph	Spring Valley	MED	Med	1	S	I II
Flaherty, Neil Francis	Oak Park	MED	Med	1	S	I II
Flaks, Betty Mae	Denver, Colo.	LAS	Genl	So		I
Flando, Andrew Joseph	Chicago	LAS	Genl	Fr	S	I
Flanigan, Jean	Champaign	LAS	Genl	Jr	S	I II
Flannery, Francis Edward	Decatur	MED	Med	2	S	I II
Fleischman, Laura Mae	University City, Mo.	LAS	Genl	Fr		I II
Fleishman, Mitzi Marion	Chicago	LAS	Genl	So		I II
Fleming, Betty Lou	Indianapolis, Ind.	LAS	Genl	Fr		I II
Fleming, Earl W.	Riverside	COM	UD	Jr		II
Fleming, Eleanor Inez	Chicago	LAS	Genl	Sr		I II
Fleming, George	Thayer	EDUC	Genl	Sr		I
Flenniken, Bonnie Jean	St. Joseph	FAA	Mus	Fr		I II
Flesher, Barbara Bell	Champaign	AGR	HEcon	So	S	I II
Flesher, Raymond Cyril	Westville	JNL	Jnl	Jr	S	I II
Flesner, Mildred Freda	Rantoul	COM	LD	Fr		I II
Flessner, Henry Andrew	St. Joseph			Unc	S	
Fletcher, Barbara Jeanne	Chicago	FAA	Art	Fr		I
Fletcher, Charlotte Anne	Urbana	LAS	Genl	So		I II
Flinn, Lewis E., B.S., M.S.	Mansfield	GRAD	Educ	U		II
Florence, Betty Leigh	Erie	FAA	Mus	Jr	S	
Flo, Jack Edwin	Benton	LAS	ChEng	Fr		II
Flowers, Jay Charles, A.B.	Bondville	LAW	Law	1		I II
Fluegge, June Claire	Chicago	FAA	Art	So		I II
Fluent, Edgar Otis	Moline	ENG	EE	So	S	I
Flum, Paul Lewis	Oak Park	ENG	ME	So	S	I II
Flynn, Ruth Gertrude, B.Ed.	Danville	GRAD	Educ	U		II
Foard, Frederick Hayden	Clinton	LAS	Genl	So	S	I II
Foerster, Lillian Henrietta	Maywood	LAS	Genl	Jr		I II
Fogelman, Morris Joseph, A.B.	Chicago	MED	Med	3	S	I II
Fogg, Robert Ellis	Chicago	ENG	ME	Sr	S	I II
Fohrell, Elmer Henry, A.B.	Staunton	GRAD	Chem	U		I II
Folds, Jessie Mary	Chicago	LAS	Genl	Fr		I
Foley, Donald James, A.B., A.M.	Chicago	GRAD	Class	U	S	
Foley, Richard Hamilton	Paris	LAS	ChEng	Fr		I
Folger, Robert Lancaster	Winter Haven, Fla.	LAS	Chem	Fr	S	I II
Foli, Caesar James, B.S.	Morton	GRAD	Educ	EM		II
Folk, Stewart H. W., A.B., M.S.	Champaign	GRAD	Geol	U	S	
Folliard, Marilyn June	Beloit, Wis.	FAA	Mus	So		I II
Follmer, John Richard	Pontiac	COM	UD	Jr		I II
Fonger, Annabelle Mary	Chicago	LAS	Genl	So		I II
Foot, Donald Lee	Urbana	LAS	Genl	Fr		I II
Foot, Robert Stephen	Urbana	ENG	EPhy	Sr		II
Foran, Zoe	Sorento	LAS	Genl	Sr	S	
Ford, Alice Elmina	Bone Gap	AGR	HEcon	So	S	I II
Ford, Edwin Leon	Chicago	LAS	Genl	Sr	S	
Ford, Irene Carroll, A.B., B.S.	Urbana	GRAD	LibSci	U	S	I II
Ford, James Robert	Greenfield	AGR	Genl	So		I II
Foreman, Maurice Everett, B.Ed., A.M.	Fisher	GRAD	Educ	U	S	
Forgacs, Joseph, B.S., M.S.	Nokomis	GRAD	Hort	U	S	I II
Forman, Irving Morton	Chicago	MED	Med	1	S	I II
Forney, Ellen Elizabeth	Varna	AGR	HEcon	Jr	S	I II
Forrest, Russell Arthur	Quincy	MED	Med	3	S	I II
Forsberg, David Gordon	Hibbing, Minn.	ENG	ME	Fr	S	
Forst, Lawrence Henry	Chicago	ENG	CE	So		I II
Fort, Donald Marion, A.B., A.M.	Sioux Falls, S.Dak.	GRAD	Econ	U	S	
Fort, Lulu Louise, B.Ed.	Clinton	GRAD	Educ	U		I
Fort, William Beggs, B.S., Ph.D.	Chicago	MED	Med	4	S	I
Fortess, Lillian Piconi, B.S.	Chicago	GRAD	Bact	U		I II
Fortner, Joseph Gerald	Vincennes, Ind.	MED	Med	2	S	I II
Fosnaugh, Ruth Conley, A.B.	Champaign	GRAD	Span	U	S	I II
Foss, Addison Burr	Rockford	LAS	Chem	So		I II
Foss, LeRoy Merrill, B.S.	Rockford	GRAD	Zool	EM		II
Fossel, Agnes Berniece	Paxton	LAS	Genl	So		I II
Foster, Elizabeth Jane	Oak Park	LAS	Chem	Fr	S	I II
Foster, Harley Whitney, B.Ed.	Deer Creek	GRAD	Educ	U	S	
Foster, Robert Everett, A.B., A.M.	Champaign	GRAD	Chem	U	S	I II
Foulon, Ethel Marie	Greenville	EDUC	Engl	Sr	S	
Fouty, Billy Dean	Yale	LAS	PMed	Fr		I
Fowler, Edson Fairbrother, A.B., B.M., M.D., M.S.	Evanston	GRAD	Surg	C		I II
Fox, Benuum Wesley, B.S.	Oak Park	MED	Med	4	S	I
Fox, Eleanor Ruth	Chicago	LAS	Genl	So		I II
Fox, H. Herbert, A.B.	Jamestown, N.Y.	GRAD	Math	U		I II

Fox, Marjorie Eileen	East Alton	LAS	Genl	Jr		I	II
Fox, Ralph Kenneth, B.Ed.	Augusta	GRAD	Educ	U	S	I	II
Fox, Ruth Rich	Harvard	PE	PE	Jr		I	II
Fox, Wilma Josephine, B.S., M.S.	Urbana	GRAD	HEcon	U			
Frale, Frank Leroy	Highland Park	LAS	PMed	So	S	I	II
Frale, Joan Geraldine	Highland Park	LAS	Genl	Sr	S	I	II
FraiPont, Joy Margaret, A.B., A.M.	Rockford	GRAD	Educ	EM		I	II
Fraley, Irene Francis Diehl, B.S.	Bloomington	GRAD	Educ	EM			
Fraley, Karyl Jane	Crystal Lake	LAS	DGS	So		I	II
Frame, Helen Kathleen	Hoopeston	LAS	Genl	Fr		I	II
Frame, Mary Ruth	Hoopeston	AGR	HEcon	Sr	S	I	II
Frankpton, Margaret Frances, B.S.	Urbana	GRAD	Engl	U		S	I
France, Bruce Abraham, Jr.	Brentwood, Md.	LAS	Genl	Sr		S	I
France, Haven	Colmar Manor, Md.	LAS	Chem	Sr	S	I	II
Francis, E. Lillian Grose, B.Ed.	West Frankfort	GRAD	Educ	EM			
Francis, Hilda	Chicago	LAS	Genl	Fr		I	II
Frank, Andrew Julian	Chicago	ENG	EE	So	S	I	II
Frank, Beverly Doris	Joliet	LAS	Genl	So	S	I	II
Frank, Emily Lou	Golconda	COM	LD	Fr	S	I	II
Frank, Gloria Jane	Lombard	LAS	Genl	3		S	I
Frank, James Louis, Ph.C., B.S.	Cicero	DENT	Dent	1		S	I
Frank, Norman Morton	Chicago	MED	Med	1		S	I
Frank, Wallace Storton	Golconda	LAS	ChEng	Jr	S	I	II
Frankel, Elayne Judith	Chicago	LAS	Genl	Fr		I	II
Frankel, Harriet	Chicago	FAA	Art	So			
Frankel, John Martin	Winnetka	DENT	Dent	4	S	I	II
Frankel, Nancy Patricia	Peoria	LAS	Genl	So		I	II
Franklin, Connie Mae	St. Anne	LAS	DGS	Fr		I	II
Franklin, Howard Bernard	Chicago	ENG	EE	So			
Franklin, Leonard	Chicago	DENT	Dent	4	S	I	II
Franklin, Martha Dell	DeKalb	PE	PE	So		I	II
Frankovgelja, Nicholas Richard, B.S.	Chicago	MED	Med	4	S	I	II
Franks, Dorothy Kember	Serena	EDUC	Genl	Sr		I	II
Frantz, Royene Dry	Palestine	AGR	HEcon	Sr		I	II
Frasure, Kenneth Jones, B.Ed., A.M.	Waltonville	GRAD	Educ	U		S	I
Frawley, Jean Magdalene	Chicago	LAS	Genl	Sr		I	II
Frazier, Elda Louise	Centralia	FAA	Art	Sr		S	I
Frazier, Glenn Greve	Centralia	FAA	Arch	Fr	S	I	II
Frazier, Todd M., Ph.B.	Centralia	GRAD	Educ	U		S	I
Frechette, Marcella Mary	Kankakee	LAS	OccTher	Fr		S	I
Frederick, Lawrence Davis, Jr.	Chicago	MED	Med	2		S	I
Frederick, William Ehlen, B.S.	Maywood	MED	Med	3	S	I	II
Freeberg, William Henry, B.Ed.	Carbondale	GRAD	PE	EM		I	II
Freedman, Daniel	Chicago	LAS	DGS	Fr		I	II
Freedman, Sidney	Chicago	LAS	Genl	Fr		I	II
Freeman, Dorothy Crawford	Urbana	LAS	HEcon	Jr		I	II
Freeman, Dorothy Mae	Tuscola	LAS	Genl	Fr		I	II
Freeman, Florine	Chicago	LAS	Genl	Jr		I	II
Freeman, John Louis	Muncie	ENG	ME	Fr		I	II
Freeman, Marian Palmer, A.B.	Urbana	GRAD	HEcon	U		I	II
Freese, Homer Benjamin, B.S.	Chicago	MED	Med	3	S	I	II
Fregan, Edward Joseph	Brookfield	ENG	Genl	Jr	S	I	II
Freiburg, Max Edward, Jr., B.S.	Quincy	LAW	Law	1		I	II
Freides, Ruth	Chicago	LAS	Genl	Jr		I	II
Freier, Herbert Edward, A.B.	Delmont, S.Dak.	GRAD	Chem	U		I	II
Freinberg, Norman, B.S.	Plainfield, N.J.	DENT	Dent	4	S	I	II
Freireich, Betty Elaine	Chicago	FAA	Mus	Fr		I	II
Freireich, Cecile	Chicago	LAS	Genl	Sr	S		
Freireich, Emil	Chicago	LAS	PMed	Fr			
French, Georgia Evelyn	Rantoul	AGR	HEcon	Sr	S	I	
French, John Henry, B.Ed., A.M.	Pawpaw	GRAD	Educ	U	S		
Frerichs, LaVeryl	Gilman	COM	LD	Fr		I	II
Frerichs, Leona Mae	Gilman	LAS	Genl	So		I	II
Freundenberg, Maxwell Charles	La Salle	ENG	EE	Fr	S	I	II
Freundlich, Marianne Ruth, B.S.	Rosedale, N.Y.	GRAD	Physics	U	S	I	II
Frey, Helmuth W.	Urbana	LAW	Law	2	S	I	II
Frey, Sydney William, B.S., M.S.	Roxana	GRAD	Educ	EM		S	I
Friedberg, William Jerome	Yorkville	COM	UD	Jr	S	I	II
Friedlander, Raymond-Nathan	Chicago	ENG	ME	Fr		S	I
Friedley, Alyce Carlene	Forest Park	PHARM	Pharm	1		S	I
Friedman, Alan Stuart	Chicago	ENG	ME	Fr	S	I	II
Friedman, Albert Samuel	Chicago	AGR	Genl	Fr		I	II
Friedman, Delores Jean	Chicago	LAS	Genl	Fr		I	II
Friedman, Eugene	Rochester, N.Y.	DENT	Dent	2	S	I	II
Friedman, Evelyn	Chicago	LAS	Genl	Fr		I	II
Friedman, Helen Lois	Chicago	LAS	Genl	Fr		I	II
Friedman, Irving Abraham, A.B.	Chicago	MED	Med	2	S	I	II
Friedman, Irving Bernard	Rochester, N.Y.	ENG	EE	Jr	S	I	II
Friedman, Marilyn Betty	Danville	COM	LD	Fr		I	II
Friedman, Morton Harold	Chicago	LAS	Genl	Fr		I	II
Friedman, Ruth Frances	Indianapolis, Ind.	FAA	Art	So		I	II
Friedman, Seymour	Chicago	JNL	Jnl	Jr	S	I	II
Friedman, Seymour	Chicago	COM	LD	Fr		I	II
Friedman, Simon Lee, A.B.	Springfield	LAW	Law	3	S	I	II
Friedrich, Dorothea W., B.S.	Hobart, Ind.	LIB	LibSci	1		I	II

Friedrich, Lois Marie	Hammond, Ind.	LAS	Genl	So	I	II
Friedrich, Margaret Anne	Hammond, Ind.	LAS	Genl	Sr	I	II
Friend, Helen Louise, B.Ed.	Royalton	GRAD	Math	U	I	II
Friese, Northam B.	Chicago	ENG	CE	Sr	I	II
Frisch, Marvin William	Cary	COM	UD	Sr	S	
Frisina, Rose Marie	Taylorville	LAS	DGS	Fr	I	II
Frisk, Inga Britt	Chicago	LAS	Genl	So	I	II
Fritz, John William, B.S.	East Peoria	GRAD	Educ	EM	I	II
Froehlich, Raymond J., A.B., B.S.	Rockford	GRAD	Educ	EM	I	
Froelich, William E.	Gridley	LAS	Genl	So	S	I
Froning, Edward Cain	South Bend, Ind.	MED	Med	1	S	I II
Froom, Jack	Chicago	MED	Med	1	S	I II
Frosh, Bernice Shirley	Denver, Colo.	LAS	Genl	So	I	II
Frost, Robert Fitts	Oak Park	DENT	Dent	1	S	I II
Fruin, Robert Cornelius	El Paso	LAS	PMed	Fr	I	II
Frutchey, Vera Jean	Youngstown, Ohio	LAS	PJnl	Fr	I	II
Fry, Harold	Chicago	ENG	ME	Sr	S	I II
Frye, Frances Milliken, B.Ed.	Decatur	GRAD	Educ	U	I	
Frye, Leland Ray	Louisville	AGR	Genl	Fr	S	I
Fryman, Joseph Donald, A.B.	Decatur	MED	Med	2	S	I II
Frymire, John Arthur, A.B.	Monmouth	MED	Med	1	S	I II
Fuchino, Wilfred Kassumi	Honolulu, Hawaii	FAA	Arch	Sr	S	I II
Fuchs, Paul	Chicago	ENG	CE	Fr	S	I II
Fulkerson, Jessie Ruth M., B.Ed., A.M.	Carterville	GRAD	Educ	U	S	
Fuller, Mary Helen	Elmhurst	LAS	Genl	Fr	I	II
Fullerton, Mary Louise	Tuscola	LAS	Genl	Fr	I	II
Fullerton, Thomas Coxey	Barrington	ENG	CE	Sr	S	I II
Fulmer, Arthur Eugene	Indianapolis, Ind.	COM	UD	Sr	S	I
Fulton, Rose Lila, B.S., B.S.	Champaign	GRAD	LibSci	U	S	I
Funk, Loraine W.	Beverly	LAS	Chem	Sr	S	I
Furby, Margaret Singleton	Urbana	LAS	Genl	Jr	I	II
Furutu, William Junji, A.B., M.S.	Chicago	GRAD	Anat	C	I	II
Fuzak, John Alexander, B.S., M.S.	Champaign	GRAD	Educ	U	S	I
Gabel, Alice Ruth	West Allis, Wis.	LAS	Genl	Jr	I	II
Gabrielson, Glenn Eugene	Woodstock	ENG	ME	Fr	S	I
Gaddis, Clara May	Mt. Sterling	AGR	HEcon	Sr	S	
Gaebe, Eleanor Emma	Addieville	AGR	HEcon	Sr	I	II
Gaffney, Carrie Sharp, B.Ed.	Springfield	GRAD	Educ	EM	I	II
Gagan, Joan Elizabeth	Oak Park	LAS	Genl	Fr	I	II
Gagan, Patricia Mary	Oak Park	LAS	Genl	Sr	I	II
Gage, Rosemary Elizabeth	Hamden, Conn.	LAS	Genl	So	I	II
Gagen, Jean Elisabeth, A.B., A.M.	Marion, Ohio	GRAD	Engl	U	I	II
Gahlbeck, Margie Louise	Morris	LAS	Genl	Fr	I	II
Gail, William Albert	Highland Park	ENG	ME	So	S	I II
Gaines, Alvin Avrom	Chicago	LAS	PMed	Fr	I	II
Gaines, Jeanne Marie	Maywood	COM	LD	So	I	
Gaines, Joseph Allen	Chicago	ENG	MetE	Sr	S	I
Galavan, Thomas Edward	Chicago	FAA	Arch	Jr	I	
Galbreath, Dorothy Joyce	Mattoon	AGR	HEcon	Fr	I	II
Galbreath, Margaret N., A.B., A.M.	Springfield	GRAD	Educ	U	S	
Gale, Ruth Marie	Mclean	LAS	Genl	So	I	II
Galeener, Oleeta Blanche	Champaign	AGR	HEcon	Fr	I	
Galek, Jean Ann L.	Chicago	COM	LD	Fr	I	II
Gallhouse, Bradley Leonard, B.S.	Chicago	DENT	Dent	4	S	I II
Gallagher, Frances Louise	Dushore, Pa.	JNL	EJnl	Fr	I	II
Galloway, Claud Edison, B.S.	Pleasant Hill	DENT	Dent	4	S	I II
Galloway, Richard A., B.Ed.	Baylis	GRAD	Educ	U	S	I
Gallup, Everett Leroy, B.S.	Chillicothe	GRAD	Educ	EM	I	II
Galston, Arthur William, B.S., M.S.	Champaign	GRAD	Bot	U	S	
Gamm, Stanford Ralph, A.B.	Chicago	MED	Med	4	S	I
Gander, Robert John, B.S., M.S.	Eagle River, Wis.	GRAD	Chem	U	S	I II
Gansberg, Vivianne Joyce	Chicago	LAS	Genl	So	I	II
Ganson, Doris Marie	Havana	AGR	HEcon	Jr	I	II
Gantz, Aline Nelle	Industry	LAS	Genl	Fr	I	II
Ganz, Victor	Chicago	DENT	Dent	2	S	I II
Garbe, Leroy Bernard	Aurora	MED	Med	3	S	I
Garber, John Douglas, B.S.	State College, Pa.	GRAD	Chem	U	S	
Garcia, James, Jr.	Chicago	LAS	DGS	Fr	I	II
Garcia-Colin, Pepita Rosary Ellen	Mexico City, Mexico	LAS	Genl	So	I	II
Gard, Eleanor Lorene	Champaign	LAS	Genl	Jr	I	II
Gardiner, Geraldine Helen	Evanston	LAS	Genl	So	I	II
Gardner, Ellen Melinda	Mt. Erie	LAS	Genl	So	I	II
Gardner, Judith	Chicago	COM	LD	So	I	II
Gardner, Lola Faye	Mt. Erie	AGR	HEcon	Sr	S	
Gardner, Ralph Alexander	Cleveland, Ohio	LAS	Chem	Sr	S	
Garfein, Jean Helen	Louisville, Ky.	LAS	Genl	Fr	I	II
Garfield, Adeline June	Chicago	LAS	Genl	Fr	I	II
Garfield, Marvin Jerry	Chicago	LAS	PMed	Fr	S	I
Garfinkel, Frank	Chicago	DENT	Dent	2	S	I II
Garland, Donald James, A.B., B.S.	Orlando, Fla.	MED	Med	3	S	I II
Garner, Betty Louise	Danville	PE	PE	So	I	II
Garnitz, Lucille B.	Chicago	LAS	Genl	Jr	I	II
Garnitz, Howard	Chicago	FAA	Art	Fr	S	I II
Garrard, Margaret R.	Robinson	COM	UD	Sr	S	I II
Garrard, Sterling Davis	La Salle	MED	Med	2	S	I II

Garrels, Austin Eugene, B.S., B.Mus.	Urbana	GRAD	Mus	U	S	
Garren, Dorothy Faye	Pawnee	AGR	HEcon	Sr	S	I II
Garren, Thelma Louise	Pawnee	AGR	HEcon	Sr	S	I II
Garrett, William, B.S.	Grant Park	MED	Med	4	S	I
Garrigan, Lois Ann	Galva	AGR	HEcon	So	S	I II
Garrigus, Charles Byford, A.B., A.M.	Rantoul	GRAD	Engl	U	S	I
Garrigus, Hope Estelle	Rantoul	PE	PE	Jr	S	I II
Garrison, Hugh	Monmouth	MED	Med	1	S	I II
Garrison, Madeleine	Centralia	LAS	Genl	Fr	S	I II
Garst, Lily Magdelene	Urbana	AGR	HEcon	So	S	I
Garst, Theodore Raymond	Urbana	ENG	ME	Fr	S	I
Garstang, Honor Frances	St. Louis, Mo.	LAS	Genl	Fr	S	I II
Garvey, Neil Ford, B.S., M.S.	Urbana	GRAD	PolSci	U	S	
Garvin, Glenn Stewart, B.S.	Sycamore	AGR	Genl	Irr	S	I
Garvin, Harold Ward	Mascoutah	MED	Med	2	S	I II
Garvin, John Samuel, A.B., B.S.	Windsor	MED	Med	3	S	I II
Gary, Richard Youngmans	Chicago	LAS	Genl	So	S	I II
Gasaway, Sadie Catherine, B.S.	Memphis, Tenn.	GRAD	Math	U	S	I
Gaspich, Robert James	Joliet	MED	Med	1	S	I II
Gassmann, Elizabeth Ann	Olney	EDUC	Genl	Jr	S	I
Gasson, Harry Homer	Chicago	LAS	Genl	Fr	U	I II
Gasteiger, Edgar Lionel, A.B.	Harrisburg, Pa.	GRAD	Physics	U	S	I II
Gates, Helen Jane, B.Ed.	Champaign	EDUC		Irr	S	I II
Gates, Mary Alice	Columbia City, Ind.	JNL	Jnl	Sr	S	I II
Gattas, Fred Albert	Chicago	MED	Med	2	S	I II
Gaudette, Oliver John	Chicago	LAS	PMed	Fr	S	I II
Gault, Elizabeth D.	Chicago	LAS	Genl	Jr	S	I
Gaumer, Juanita Marie	Danville	LAS	Genl	Fr	S	I II
Gavenda, Bette Jane	Canton	LAS	Genl	Fr	S	I II
Gay, Patricia Haines	Griggsville	LAS	Genl	Sr	S	I II
Gaydos, Andrew Bernard	Benld	AGR	Genl	Sr	S	I
Gaziano, Angelina Rosemarie	Rockford	LAS	Genl	So	S	I II
Geartts, Joanne Helen	Escanaba, Mich.	LAS	Genl	Fr	S	I II
Gedrilas, Leo Leonard	Spring Valley	PE	PE	Fr	S	I II
Gee, Ruth Helen	Orland Park	LAS	Genl	Fr	S	I II
Gehle, Marion Elizabeth	Glendale, Mo.	AGR	HEcon	Sr	S	I
Gehring, Betty Arlene	Sterling	LAS	Genl	So	S	I
Geissendoerfer, Mary Elizabeth	Urbana	LAS	Genl	So	S	I II
GeLaz, Patricia Sylvia	Sterling	LAS	Genl	Fr	S	I II
Gelbard, Diane Louise	Detroit, Mich.	LAS	Genl	Fr	S	I
Gendvilas, Mildred Bernice	Chicago	PHARM	Pharm	1	S	I II
Gentle, Colleen Claire	River Forest	LAS	Genl	Fr	S	I
Gentle, Patricia Jane	River Forest	LAS	DGS	Fr	S	I II
Genzer, Isadore Jay	Chicago	LAS	PDent	Jr	S	I
Georges, Robert Max	Savanna	LAS	ChEng	So	S	I II
Gerber, Aaron Bernard, A.B., B.S.	Chicago	MED	Med	4	S	I
Gerber, Ann Elizabeth	Robinson	AGR	HEcon	Jr	S	I II
Gerber, Myron Jule	Chicago	LAS	PMed	Jr	S	I
Gerber, Vivian Noskig, B.S., M.S.	Chicago	GRAD	Bact	C	S	I II
Gerdes, Anona Mae	Mt. Olive	AGR	HEcon	Fr	S	I II
Gerding, Paul August	Ottawa	ENG	ME	Sr	S	I II
Germain, Roy Clifton	Belleville	ENG	EE	Sr	S	I
Gernon, Gerald Deland	Champaign	LAS	Genl	Fr	S	I II
Gerometta, Arthur Louis	Gary, Ind.	FAA	Arch	Fr	S	I
Gerring, Betty, B.S.	Peoria	GRAD	Educ	EM	S	I
Gerstein, Harold	Chicago	DENT	Dent	2	S	I II
Gerwing, Robert Walter	Chicago	LAS	Genl	Fr	S	I
Geske, Winifred June	Woodstock	LAS	PMed	So	S	I II
Gessner, Marcia Marie	Scales Mound	LAS	PLaw	Fr	S	I II
Gest, Adelaide Jane	Rock Island	LAS	Genl	Jr	S	I II
Gethner, Paul Julius	Chicago	LAS	PMed	So	S	I
Getman, Shirley Ann	Terre Haute, Ind.	COM	LD	So	S	I II
Gettelman, Sidney Tanner	Chicago	MED	Med	3	S	I II
Gettleman, Gloria	Chicago	LAS	Genl	So	S	I II
Getty, Margaret Adeline	Hampshire	AGR	HEcon	Jr	S	I II
Gher, Virginia Lee	Urbana	LAS	Genl	Jr	S	I II
Gianasi, Charles Attilio, A.B.	Kincaid	MED	Med	4	S	I
Gibbons, James Richard	Brighton	AGR	Genl	Sr	S	I II
Gibbs, Harold William	Quincy	COM	UD	Sr	S	I
Gibbs, Martin, B.S.	Philadelphia, Pa.	GRAD	Chem	U	S	I II
Gibson, Edwin Arthur	Indianapolis, Ind.	FAA	Arch	Jr	S	I II
Gibson, Lowell Charles	Westmont	LAS	ChEng	Sr	S	I
Gibson, Mary Louise	Mason City	JNL	EJnl	Fr	S	I II
Gibson, Opal Ruth	Mt. Carmel	LAS	Genl	Jr	S	I II
Giebelhausen, Gustav William, B.S.	Peoria	MED	Med	4	S	I
Gicker, Clara Jane	Barry	AGR	HEcon	Fr	S	I II
Giffhorn, Walter, Jr.	Columbia	ENG	CE	Sr	S	I
Gilbert, Allyn Ellsworth	Chrisman	LAS	Genl	So	S	I II
Gilbert, Edgar Nelson, B.S.	Woodhaven, N.Y.	GRAD	Physics	U	S	I
Gilbert, Sandra	Chicago	LAS	Genl	Fr	S	I II
Gilbertsen, Doris Mac	Chicago	LAS	Genl	Fr	S	I II
Gilborne, Jean Elizabeth, B.Ed.	Kankakee	GRAD	Engl	U	S	I
Gilbreath, Barbara Venton	Lansing	LAS	PJnl	Fr	S	I II
Gilchrist, Geraldine Janet	Elmhurst	FAA	Art	Jr	S	I II
Giles, Betty Lea	Marion	EDUC	Genl	Jr	S	I
Giles, Jay Hugh	Wood River	LAS	PLaw	Jr	S	I II

Giles, Lewis Wentworth, Jr.	Washington, D.C.	FAA	Arch	Sr	S	I
Giles, Margaret May	Marion	AGR	HEcon	Sr	S	I II
Gilford, Richard Ira	Chicago	LAS	PMed	So	S	I II
Giller, Margaret Emily	Chicago	LAS	PMed	So	S	I II
Gillespie, Gordon Alexander	Chicago	PE	PE	Fr	I	II
Gillick, Dorice Veronica	Evanston	LAS	Genl	Fr	I	
Gillman, Harold	Chicago	LAS	Genl	So		II
Gillum, Kemp Frederick	Lawrenceville	LAS	Genl	Jr	S	I II
Gilmore, Robert Lee	Peoria	MED	Med	1	S	I II
Ginos, Evangeline Sarah	Hillsboro	LAS	Genl	So	I	II
Ginsburg, Aileen Lois	Toledo, Ohio	LAS	Genl	So	I	II
Ginsburg, Bob Nathan	Mt. Vernon	ENG	Genl	So	I	
Ginsburg, Diana	Chicago	LAS	PMed	Fr	I	II
Ginsburg, Natalie Shirley	Chicago	COM	LD	Fr	I	II
Ginsburg, Victor	Chicago			Unc	S	
Giannini, Annette, B.Ed.	Farmington	GRAD	Engl	U	S	I II
Giosh, Joseph Daniel	Chicago	MED	Med	1	S	I II
Girhard, Marie Louise, A.B.	Newton	GRAD	Educ	U	S	I II
Girhard, Mary Nancy	Hillsboro	LAS	Genl	So	I	II
Gitlitz, Lorraine Harriet	Chicago	LAS	Genl	Jr	I	II
Gitlitz, Mayora June	Chicago	LAS	Genl	So	S	I II
Gittelson, Barbara Faye	Chicago	LAS	Genl	Fr		II
Gittleman, Gladys Miriam	Louisville, Ky.	FAA	Art	Jr	I	II
Gladfelter, Betty Jean	Ottawa	AGR	HEcon	Fr	I	II
Gladson, Maxine Marilyn	Urbana	LAS	Genl	Sr	S	I II
Gladville, Violet Mary, A.B.	Homewood	GRAD	Soc	U	S	
Glasgow, Betty Ruth	Kennett, Mo.	ENG	Genl	So	I	
Glasgow, Katherine Margaret	Thaxton, Miss.	LAS	DGS	Fr	I	II
Glass, Elaine Rae	Detroit, Mich.	LAS	Genl	Fr	I	II
Glasser, Jean, A.B.	New York, N.Y.	GRAD	Bact	U		II
Glassman, Jeanne Lorraine	Chicago	LAS	Genl	Fr	I	II
Glatt, Edward Eugene, Jr.	Chicago	AGR	Genl	Fr	S	I
Glatt, Maurice Molner	Chicago	ENG	CE	Sr	I	II
Glavan, Richard	Lockport	ENG	ME	Fr	I	
Glazier, Howard Elk	Chicago	LAS	PMed	Fr		II
Gleich, Beverlae Cecilia	Champaign	LAS	Genl	Fr	S	
Glenn, Clarence Gibson, A.B.	Macon	MED	Med	3	S	I II
Glenn, Helen Cecile	Chicago	JNL	Jnl	Jr	I	II
Glenn, Helen Hilda	Urbana	LAS	PLaw	Jr	I	II
Glenn, Jacqueline Yetta	Tulsa, Okla.	LAS	Genl	So	I	II
Glenn, Kathleen Mary Erwin	Champaign	LAS	Genl	Fr	I	II
Glick, Audrey Jane	St. Louis, Mo.	LAS	Genl	Fr	I	II
Glick, Gayle Gwendolyn	Mt. Carmel	LAS	Genl	Fr	I	II
Glick, Marilyn Rose	Chicago	COM	LD	Fr	I	II
Glick, Mary Frances	Mt. Carmel	LAS	Genl	Sr	S	
Glickman, Irving Arthur	Chicago	DENT	Dent	2	S	I II
Glidden, Mary Ann	De Kalb	LAS	Genl	So	I	II
Glidewell, Warren Alfred	Chicago	PHARM	Pharm	4	S	I II
Glynn, Will Edward, B.Ed.	Cerro Gordo	GRAD	Educ	EM	I	
Gnippe, Erwin	Summit	LAS	DGS	Fr	I	
Goben, Harold Charles, B.Ed.	San Jose	GRAD	Educ	EM	I	II
Gochanour, Mary Elizabeth	Streator	LAS	DGS	Fr	I	II
Goddin, Fergene, A.B., B.S., M.Ed.	Jacksonville	GRAD	Speech	U	S	
Godoy, Israel Peratta	Freirina, Chile	ENG	ME	Sr	S	I II
Godzesky, Carl William	Chicago	LAS	DGS	Fr	I	II
Goepfert, Delores Marie	Belleville	LAS	PMed	Fr	I	II
Goers, Walter Earl	Brookfield	ENG	ME	Fr	I	II
Goessling, Vera Evelyn, A.B., B.S.	Centralia	GRAD	LibSci	U	S	
Goethe, Norma Mildred	Oak Park	LAS	Genl	Fr	I	II
Goetz, Dorothy Beverly	Cleveland Heights, Ohio	FAA	Art	Fr	I	II
Goggin, Michael James	Elgin	LAS	Genl	So	S	
Goggin, Nadine Hilma, B.S.	Granite City	LIB	LibSci	1	S	
Goglia, Mario Joseph, B.S.	Urbana	GRAD	ME	U	S	I II
Goins, Marshall Earl, B.Ed., M.S.	Payson	GRAD	Educ	EM	I	
Golan, Bernard Joseph	Chicago	COM	LD	Fr	I	II
Gold, Robert	Chicago	LAS	ChEng	Fr	S	I II
Goldberg, Arthur Melvin	Chicago	MED	Med	2	S	I II
Goldberg, Barbara Jane	Chicago	LAS	Genl	Fr	I	II
Goldberg, Betty	Chicago	LAS	Genl	Fr	I	II
Goldberg, Betty Mae	St. Louis, Mo.	LAS	Genl	Fr	I	II
Goldberg, Burton Irving	Chicago	LAS	Genl	So	S	I
Goldberg, Dorothy Sandra	Chicago	LAS	Genl	Fr	I	II
Goldberg, Edna Edith	Chicago	EDUC	Genl	Sr	I	II
Goldberg, Edward Michael	Chicago	LAS	PMed	Jr	S	I
Goldberg, Henry Irving, A.B.	Brooklyn, N.Y.	MED	Med	2	S	I II
Goldberg, Ira Louis, B.S.	Chicago	DENT	Dent	2	S	I II
Goldberg, James Block	Kansas City, Mo.	ENG	ME	Sr	S	I
Goldberg, Josef Stanley	Joliet	LAS	PDent	Fr	I	II
Goldberg, Joseph Lewis	Chicago	DENT	Dent	1	S	I II
Goldberg, Melvin Asher	Chicago	LAS	PMed	Jr	S	I
Goldberg, Milton L., B.S., M.S., M.D.	Chicago	GRAD	Physiol	C	S	I
Goldberg, Richard	Chicago	FAA	Art	Fr	I	
Goldberg, Roslyn M.	Chicago	LAS	Genl	Jr	S	I II
Goldberg, Ruth Doris	Chicago	PE	PE	So	I	II
Goldberg, Stanley Zane	Chicago	MED	Med	2	S	I II

Golden, Alice Elizabeth, A.B.	Houston, Texas	LIB	LibSci	1		I	II
Goldenberg, Charles	Chicago	MED	Med	1	S	I	II
Golder, Marjorie Louise	Chicago	COM	LD	Fr		I	II
Goldman, Albert	Chicago	LAS	PMed	So	S	I	II
Goldman, Bernard	Rock Island	LAS	PMed	Fr		I	II
Goldman, Leo Milton	Chicago	MED	Med	2	S	I	II
Goldman, Leonard, B.S.	Chicago	MED	Med	3	S	I	II
Goldman, Morton A.	Chicago	MED	Med	1	S	I	II
Goldman, Muriel Joy	Chicago	LAS	Genl	Jr		I	II
Goldman, Sol, B.S.	Chicago	DENT	Dent	1	S	I	II
Goldmann, Ursula Beate	Carlock	LAS	Genl	Fr		I	II
Goldsand, Lawrence Janis	Chicago	AGR	Genl	So	S	I	II
Goldsmith, Gail Lucille	Aurora	LAS	Genl	Fr		I	II
Goldsmith, Norman Albert, B.Ed., A.M.	Stewardson	GRAD	Math	EM		I	
Goldstein, Arthur Robert	Chicago	ENG	MetE	Fr		I	II
Goldstein, Gerald	Chicago	ENG	ME	Fr		I	
Goldstein, Jody Anne	Chicago	JNL	Jnl	Jr	S		
Goldstein, Lois	Chicago	LAS	Genl	Fr		I	II
Goldstein, Ralph Morton, B.S.	Chicago	MED	Med	3	S	I	II
Goldstein, Sidney	Rock Island	LAS	PMed	So	S	I	
Gollin, Vivian L.	Chicago	FAA	Art	Fr		I	II
Golubski, Hillard William Joseph	Chicago	ENG	CerE	Fr		I	II
Golum, Abraham, B.S.	Newark, N.J.	MED	Med	2	S	I	II
Gonzalez, Marcelino	Gary, Ind.	PE	PE	Fr		I	II
Good, Fred Clifton	Oak Park	COM	LD	Fr		I	II
Good, Marcia Bell	Robinson	LAS	Genl	So	S	I	
Goode, Dolores Rosalind	Chicago	LAS	Genl	Fr		I	II
Goodell, Warren Franklin, Jr.	Urbana	ENG	EPhy	Sr	S	I	
Goodfriend, Julian D.	Chicago	DENT	Dent	4	S	I	II
Goodin, Clara Elizabeth	Vermont	LAS	PMed	Jr	S	I	II
Goodman, Dila Theresa	Tulsa, Okla.	LAS	Genl	Fr		I	II
Goodman, Jack	Chicago	LAS	PDent	Jr		I	II
Goodman, James Eugene, Jr.	Pleasant Hill	MED	Med	3	S	I	II
Goodman, James Flatt	Champaign	COM	UD	Sr	S		
Goodman, Marcella Bernice	Pontiac	LAS	Genl	Sr		I	II
Goodrum, William Robert, B.S.	Paris	MED	Med	3	S	I	II
Goodson, Margaret Schnapp, B.S.	Urbana	GRAD	Educ	U	S	I	II
Goodson, Max Reed, A.B., A.M.	Urbana	GRAD	Educ	U	S	I	II
Goodwin, Everett, Jr., B.S.	Decatur	DENT	Dent	4	S	I	II
Goodwin, Paul Joseph, B.S.	Freeport	MED	Med	1	S	I	II
Goodwine, Martha	Urbana	LAS	Genl	Jr		I	II
Gorchoff, Burton Arthur	Chicago	LAS	Genl	So		I	
Gorday, Rose Lillian, B.S., Ph.C.	Chicago	MED	Med	4	S	I	
Gordley, Carmen Alene	Springfield	LAS	Genl	So		I	II
Gordon, Archer Samuel, A.B.	Aurora	MED	Med	2	S	I	II
Gordon, Bernard Nathan	Chicago	COM	LD	Fr		I	II
Gordon, Doris Edell, B.Ed.	Blandinsville	GRAD	Educ	EM	S	I	
Gordon, Jack Robert	Chicago	ENG	Genl	Fr	S	I	
Gordon, Jerry	Waukegan	ENG	EE	Fr		I	II
Gordon, Julia	Waukegan	LAS	Genl	Fr		I	II
Gordon, Kenneth Hickok, Jr.	Drexel Hill, Pa.	LAS	PMed	So	S		
Gordon, Lowell Wilson, B.S.	Chicago	GRAD	Educ	EM		I	
Gordon, Mary Margaret	Urbana	LAS	Genl	Sr	S	I	II
Gore, Annella Denby	Carlville	LAS	Genl	So		I	
Gore, Dorothy Anne	Hempstead, N.Y.	LAS	Genl	Fr		I	
Gorham, Edwards D., A.B., M.S.	Broadlands	AGR	Genl	Irr	S		
Gorman, Helen Marie	Champaign	LAS	Genl	Sr		I	II
Gorney, Idell	Chicago	LAS	DGS	Fr		I	II
Goshgarian, Robert Ara	Waukegan	DENT	Dent	1	S	I	II
Gothwaite, Joyce Charlotte	Chicago	LAS	Genl	Fr		I	II
Gottfried, Leon Albert	Chicago	LAS	ChEng	Jr	S	I	II
Gottmann, Ernst Adolph	Glenview	ENG	Genl	Fr		I	II
Gottschalk, Robert Herbert, A.B.	Benkelman, Nebr.	MED	Med	4	S	I	
Gougar, Elizabeth Jane, B.Ed.	Joliet	GRAD	Educ	U	S		
Gould, Joseph, Jr.	Champaign	LAS	Genl	Sr		I	
Gould, Naomi Lois	Chicago	LAS	HEcon	Jr		I	II
Goulet, Elizabeth Diane	Chicago	LAS	Genl	Jr		I	II
Goulet, Lionel Joseph	Chicago	LAS	Genl	Sr	S		
Gourley, Luella Campbell	Karnak	AGR	HEcon	Sr		I	
Govostis, Michael Costas, B.S.	Chicago	MED	Med	4	S	I	
Grabek, Loretta Gene	Chicago	LAS	PMed	Jr		I	II
Grabill, Marian Magdalyne	Walnut	LAS	Genl	Jr		I	II
Grady, Edgar Dunkley, B.S.	Chicago	MED	Med	3	S	I	II
Graf, William Sherman	Chicago	ENG	Genl	Fr		I	II
Graff, Charles Wesley	Quincy	ENG	CE	Sr	S	I	
Graff, William Arthur	Highland	ENG	CerE	So		I	II
Graham, Edward David	Oak Park	ENG	Genl	Fr	S		
Graham, Eleanor Harriet	West Point	LAS	Genl	So		I	II
Graham, Gordon Cloyes	Belvidere	LAS	PMed	So	S		
Graham, Helen Judith	Lewistown	LAS	Genl	Fr		I	II
Graham, John Robert	Peoria	FAA	Mus	Fr	S	I	
Graham, Mary Whiteford, A.B., A.M.	Urbana	GRAD	Speech	U	S		
Graham, Peggy Ann	Macomb	LAS	Genl	Jr		I	II
Grant, Frances Lou Ann	Mt. Vernon	LAS	Genl	Fr		I	II
Grant, Mary Janet	Chicago	PHARM	Pharm	3	S	I	II
Grassi, Joseph	Chicago	COM	LD	Fr		I	II

Grater, William Casper, A.B.	Equality	MED	Med	2	S	I	II
Gratkins, Leonard Vincent, B.S.	Chicago	MED	Med	4	S	I	I
Gratzinger, Max, M.D., D.D.S.	Chicago	GRAD	DentPath	C	S	I	II
Graue, Thelma Mildred, B.S.	Philo	GRAD	HEcon	U	S		
Gravenhorst, Juanita Barbara	Effingham	FAA	Mus	So		I	II
Graves, Florence Marion	Joliet	LAS	Genl	Jr		I	II
Graves, Mary Pauline	Champaign	COM	UD	Jr		I	II
Gravette, Mary Kathryn, A.B.	Jefferson City, Mo.	GRAD	Educ	U	S		
Gravit, Julia Evelyn	Springfield	AGR	HEcon	So	S	I	II
Gray, Bruce Edgar, A.B.	Springfield	GRAD	Educ	EM	S	I	II
Gray, Helen Theodora	Springfield	LAS	Genl	So		I	II
Gray, Nancy Jane	Chicago	FAA	Art	So		I	II
Gray, Roscoe Neil, B.Ed., A.M.	Noble	GRAD	Educ	U	S		
Grayhack, Marilyn Carol	Ottawa	LAS	PMed	So	S	I	II
Greanias, Eyon Constantine, B.S.	Chicago	GRAD	Physics	U	S	I	II
Greaves, Robert Jesse	Collinsville	MED	Med	3	S	I	II
Grebetz, Rosaline	Chicago	LAS	Genl	So		I	II
Greco, James Frank	Chicago	DENT	Dent	1	S	I	II
Greco, Louis Raymond	Maywood	MED	Med	2	S	I	II
Green, Dorothy Beatrice	Urbana	LAS	DGS	Fr		I	II
Green, Bernice Fay	Chicago	LAS	Genl	Sr	S	I	I
Green, Harry Baughman, B.Ed.	Decatur	GRAD	Educ	EM		I	II
Green, Helen Marie	Chicago	JNL	EJnl	Fr		I	II
Green, Jerome Gabriel, B.S.	Chicago	MED	Med	3	S	I	II
Green, John Elwyn	Cleveland, Ohio	FAA	Mus	Sr		I	II
Green, Mandel David	Chicago	COM	LD	Fr		I	II
Green, Mary Francis	Decatur	LAS	Genl	Fr		I	II
Green, Nathaniel Belnap, B.S.	Chicago	GRAD	Educ	U	S		
Green, Philip	Chicago	DENT	Dent	1	S	I	II
Green, Raymond, A.B., M.D.	Chicago	GRAD	Surg	C	S	I	II
Green, Roberta Lee	Chestnut Hill, Mass.	LAS	Genl	Fr		I	II
Green, Ruth	Chicago	LAS	Genl	So	S	I	II
Green, Samuel Wilson, Jr.	Chicago	LAS	PMed	Fr		I	II
Green, William Dewey, B.Ed.	Cave in Rock	GRAD	Com	U	S	I	II
Green, William Gordon	Arlington Heights	LAS	ChEng	Fr	S	I	I
Greenberg, Alan Stuart	Chicago	COM	LD	Fr		I	II
Greenberg, Edwin Arnold	Newark, N.J.	LAS	Genl	Sr		I	II
Greenberg, Fern A.	Chicago	LAS	DGS	Fr		I	II
Greenberg, Irving Meyer	Chicago	MED	Med	2	S	I	II
Greenberg, Lucille Ruth	Joliet	JNL	Jnl	Sr		I	II
Greenberg, Ralph Albert	Chicago	ENG	ME	Sr	S	I	I
Greenblatt, Saralee	Chicago	LAS	Genl	Fr		I	II
Greenfield, Robert Edman, Jr., B.S.	Decatur	MED	Med	2	S	I	II
Greening, Gershon Keys, B.S.	Springfield	MED	Med	4	S	I	I
Greenman, Marshall Bernard	Champaign	LAS	PMed	Fr	S	I	II
Greenspan, Irving	Chicago	LAS	PMed	Jr		I	I
Greenstein, Bernard	Chicago	DENT	Dent	2	S	I	II
Greenwald, Arlene Ruth	Chicago	LAS	Genl	So		I	I
Greenwald, Bernard Meyer, B.S.	Chicago	MED	Med	4	S	I	I
Greenwald, Lester Eugene, B.S.	Bronx, N.Y.	DENT	Dent	4	S	I	II
Greenwood, Don Adams	Kenilworth	PE	PE	Jr		I	II
Greenwood, Joseph Martin	Chicago	COM	UD	Sr	S	I	I
Greer, Emily Lucile	Harristown	EDUC	Genl	Sr		I	II
Greer, Howard Eugene, B.Ed., A.M.	Humboldt	GRAD	Educ	U	S		
Greesson, Joe Calvin, B.Ed.	Toledo	GRAD	Educ	U	S	I	II
Gregg, Marilyn Frances	Fort Wayne, Ind.	FAA	Art	Fr		I	II
Gregory, Louis Joseph, B.S.	Petersburg, Mich.	MED	Med	2	S	I	II
Gregory, Thomas Richard	Chicago	MED	Med	1	S	I	II
Greider, Janice Elaine, A.B., A.M.	Springfield	GRAD	Educ	EM		I	II
Grellner, Richard John	Chicago	ENG	ME	Jr	S		
Gressens, Robert James	Highland Park	ENG	Genl	Fr	S		
Gretencord, Dolores Mary	Ottawa	LAS	Chem	Jr		I	
Grider, Virginia Lee	Tallula	AGR	HEcon	Fr		I	
Grieme, Donald Leroy	Edinburg	LAS	PMed	Fr	S	I	II
Griesbaum, Delores Jean	Cicero	EDUC	Genl	Sr	S	I	II
Grieser, DePaul John	Metamora	FAA	Mus	Jr	S		
Griffin, Joe Jinnett, A.B.	Ramsey	MED	Med	3	S	I	II
Griffith, Annabel	Amboy	LAS	Genl	Sr		I	II
Griffith, Gordon Lamar, B.S.	Champaign	GRAD	Physics	U	S	I	II
Griffith, James Dell	Clinton	ENG	CerE	Jr	S	I	II
Griffith, Lora Mae	Dewey	LAS	Genl	So		I	II
Griffith, Walter George	Amboy	COM	UD	Sr	S		
Griffiths, Elmara Margaret	Granite City	COM	LD	Fr		I	II
Griftner, Howard Durst	Champaign	COM	UD	Sr	S	I	II
Grimm, Paul Frederick, Jr.	Chicago	LAS	PDent	Fr	S		
Grippio, Michael Charles	Chicago	DENT	Dent	1	S	I	II
Grissom, Freda Belle	Canton	LAS	Genl	Fr		I	II
Grizzell, Leland H., B.Ed.	Murphysboro	GRAD	Mus	U	S		
Grobstein, Dora	Sokolka, Russia	LAS	Genl	Sr	S	I	II
Grodski, Gertrude Valentina, B.S.	Cicero	GRAD	Econ	U	S	I	II
Grodsky, Edward	Chicago	LAS	Genl	Fr		I	II
Groenke, Charles Burkholm, B.S.	Maywood	MED	Med	3	S	I	II
Groh, William Arthur	Chicago	ENG	CE	Sr		I	II
Gronberg, Frances Ruth	Kingston	AGR	HEcon	Fr		I	II
Gross, Robert Francis	Oak Park	ENG	ME	Fr	S		
Grossman, Alvin	Chicago	LAS	Genl	So	S		

Grossman, Herbert Jules	Chicago	MED	Med	1	S	I	II
Grossman, Richard Marshall	Chicago	COM	LD	Fr	I	II	
Grove, Benjamin H., B.Ed.	Springfield	GRAD	Educ	EM	I	II	
Grove, William Johnson, B.S.	Ottawa	MED	Med	4	S	I	
Grover, Anne Louise	Ottawa	LAS	Genl	Jr	I	II	
Groves, Jayne Alice	Bloomington	LAS	Chem	Fr	I	II	
Gruba, Martha Ellen	Peoria	FAA	Mus	Fr	I	II	
Grubb, Barbara Jean	Chicago	LAS	Genl	So	I	II	
Grubb, Helen Louise	Champaign	COM	LD	So	I	II	
Grubb, Lucille Elizabeth, A.B.	Bradford	GRAD	Educ	U	S		
Grudsky, Betty	Chicago	LAS	Genl	Fr		II	
Grumbley, William Dean	Paris	LAS	Genl	Fr	I		
Grundin, Rosemary	Oak Park	LAS	Genl	Fr		II	
Grzeda, Stanley Cyril, B.S.	Chicago	GRAD	Psychol	U	S	I	II
Guajardo, Ciro Padilla	Chicago	ENG	EE	Jr	S	I	II
Guardia, Jorge Aurelio	Champaign	ENG	Cer	Fr		II	
Gubbins, Dale George	Quincy	ENG	ME	Fr	S		
Guberman, Beatrice Shirley	Chicago	LAS	PJnl	Fr	I		
Gucker, Pauline	Monticello	LAS	PJnl	Fr	I	II	
Gudder, Marian Esther	Centralia	EDUC	Genl	Jr	I	II	
Guffey, Lowell, Jr.	Danville	LAS	Genl	Fr	S		
Guge, Kenneth John	Elgin	ENG	EE	Sr			
Gugler, Betty Jane	Wheaton	LAS	Genl	Jr	S	I	II
Guimaraes, Cicero de Castro	Belo Horizonte, Brazil	LAS	Genl	So	S		
Gulbis, Eleanor Rasma	Chicago	LAS	PJnl	So	S	I	II
Gullaksen, John Ragnvald	Chicago	FAA	Arch	Sr			
Gullett, Jeanne Mitchell	Decatur	LAS	Genl	So	S	I	II
Gullette, Cameron Charles	Urbana	ENG	CE	Sr	I	II	
Gulley, Barbara	Urbana	LAS	Genl	Fr	I	II	
Gulyash, Joseph F. J., A.B.	Racine, Wis.	MED	Med	3	S	I	II
Gunn, Edwin Norman	Chicago	LAS	Genl	So	S	I	II
Gunning, Helen Ruth	Tolono	LAS	Genl	Fr		II	
Gunter, Glenn Hamel	Rockford	LAS	Genl	Sr	S		
Gunther, Walter Dudley	Summit, N.J.	ENG	CE	Sr	I		
Guptill, Helen Baldwin, B.S.	Champaign	GRAD	HEcon	U	I	II	
Gustin, Wanda, B.Ed.	Harrisburg	GRAD	Educ	EM	I		
Gustoff, Flora Anna, B.S.	Manito	GRAD	Educ	EM	I		
Guthier, Ruth Marie	Chicago	LAS	Chem	Sr	I	II	
Guthman, Gertrude Judith, B.S.	Chicago	LIB	LibSci	1	S		
Guthrie, David Burrill, A.B.	Clendale, Mo.	GRAD	Chem	U	S	I	II
Gutierrez, Pedro, A.B.	Rock Island	LAW	Law	2	S		
Gwynn, Vernon LaMarr	Dewey	LAS	Genl	Jr	S	I	II
Gwynn, Sarah Duff	Louisville, Ky.	AGR	HEcon	Jr	S	I	II
Gylden, Helen Louise	Chicago	LAS	Genl	Fr	S	I	II
Haan, Mary Jane	Decatur	LAS	Genl	Fr	S	I	II
Haan, Robert Edward, A.B.	Decatur	MED	Med	2	S	I	II
Haas, Daniel Fred	Chicago	ENG	Genl	Fr	I	II	
Haas, Mary Louise	Danville	FAA	Mus	Sr	I	II	
Haber, Ruth	Chicago	LAS	Chem	Fr	I	II	
Hader, Rodney Neal	Kansas City, Mo.	LAS	ChEng	Sr	S	I	II
Hadley, Richard M., A.B.	Cuyahoga Falls, Ohio	GRAD	Physics	U	S		
Haeger, Reed Ross, B.S.	Berwyn	MED	Med	4	S	I	II
Haendle, Martin Day	Nedrow, N.Y.	ENG	ME	Sr	I	II	
Haffner, Richard Glenn	Maywood	ENG	ME	Fr	S	I	II
Haflinger, Donald Leon	Taylorville	COM	UD	Fr	S	I	II
Hagen, Mary Claire	Champaign	LAS	Genl	So		II	
Hagen, Walter Arnold	Maywood	PE	PE	Fr	I	II	
Hagger, Helen J., B.S., B.S.	Syracuse, N.Y.	GRAD	LibSci	U	I	II	
Hagopian, Nikies Kavork	Waukegan	LAS	PLaw	Fr	I	II	
Hagstrom, Anita Virginia	Waukegan	LAS	Genl	So	I	II	
Haigh, William Arthur	Riverside	ENG	AgEng	Fr	S	I	II
Haines, Betty Elinor	Vermont	LAS	Genl	So	I	II	
Haines, Victor A., B.S.	Peoria	GRAD	Educ	EM	I	II	
Haines, William Joseph, A.B.	Urbana	GRAD	Chem	U	S		
Haish, Mary Lou	Aurora	EDUC	Genl	Jr	S	I	II
Haisler, Richard	Chicago	ENG	Genl	So	S		
Hakewill, Merri Francine	Park Ridge	LAS	Genl	Fr	I	II	
Halden, Una Lyman, B.S.	Evanston	GRAD	Chem	C	I		
Hall, Alice Hester, A.B.	Hindsboro	GRAD	Engl	U	I		
Hall, Bonnie Jean	Urbana	LAS	Genl	Sr	I	II	
Hall, Dorothy Gail	Oak Park	LAS	Genl	Fr	S	I	II
Hall, George Mifflin, Jr.	St. Louis, Mo.	FAA	Mus	So	S	I	II
Hall, Grace, B.Ed.	Quincy	GRAD	Educ	EM	S	I	II
Hall, Isabelle Marie	Kankakee	AGR	HEcon	Sr	S	I	II
Hall, James Melvin, A.B.	Seattle, Wash.	GRAD	Span	U	S	I	II
Hall, Jean, A.B.	Springfield, Mo.	LIB	LibSci	1	S	I	II
Hall, Louise McGwigan, A.B., B.S.	Scotland Neck, N.C.	GRAD	LibSci	U	S	I	II
Hall, Marian Arlene	Palos Heights	LAS	Genl	Sr	I	II	
Hall, Ruth Marilyn	Versailles, Mo.	AGR	HEcon	Jr	S	I	II
Hall, Wilson Dudley	Rantoul	LAS	Genl	Sr	S		
Halla, Louis George	Cicero	ENG	CE	Fr	I	II	
Hallam, Robert Moore	Springfield, Mass.	ENG	ME	Fr	I		
Halligan, Virginia Anne	Springfield	LAS	OccTher	So	S	I	II
Hallowell, Eleanor	Farmer City	AGR	HEcon	Fr	S	I	II
Halper, William Howard	Chicago	COM	LD	Fr	S	I	
Halyama, Eugene E.	Granite City	FAA	Arch	Fr	I	II	

Hambrook, Jeanne Dorothy	Oak Park	LAS	Genl	Fr	I
Hamburg, Shirley Ruth	Evansville, Ind.	LAS	Genl	Jr	I II
Hamer, Donald Wilson	Byron	ENG	CerE	So	S I II
Hamer, William M.	Chicago	LAS	Genl	Fr	II
Hamilton, Clara Eddy, B.S.	Augusta, Ga.	GRAD	Zool	U	S I II
Hamilton, Corinne Joyce	McLeansboro	AGR	HEcon	Fr	I II
Hamilton, Franklin Willard	McLeansboro	LAS	Genl	Fr	I
Hamilton, Geraldine May	Decatur	LAS	PJnl	Fr	I II
Hamilton, James Walter, B.S.	Champaign	MED	Med	4	S I
Hamilton, Jane Annabell	Chicago	LAS	Genl	So	I
Hamilton, Jean E.	Morrison	LAS	DGS	Fr	II
Hamilton, John Handley	Chicago	LAS	PLaw	Fr	S I
Hamilton, Marietta	Golconda	LAS	PJnl	Fr	I II
Hamlin, Rachel Rebecca	Chicago	LAS	Genl	Jr	I II
Hamlyn, Alvera Ethel	Kankakee	EDUC	Genl	Sr	S
Hamm, Betty Lou	Quincy	FAA	Mus	So	I II
Hamm, Helen Lucille	Danville	LAS	Genl	Fr	I II
Hammer, Wayne LeRoy	Genoa	LAS	Genl	Fr	I
Hamming, Wanda Little, A.B., A.M.	Urbana	GRAD	Zool	U	S
Hammon, Neal Owen	Louisville, Ky.	FAA	Arch	So	S I
Hampton, Charles, B.Ed.	East St. Louis	GRAD	Educ	EM	II
Hampton, James Randall	Champaign	AGR	Genl	Sr	I
Hamrick, Catherine	Urbana	FAA	Mus	Fr	II
Hanahan, Donald James, B.S., M.S.	Springfield	GRAD	Chem	U	S I II
Hanawalt, Vera Matilda, A.B., M.S.	Galva	GRAD	Bact	U	S
Handley, Mildred Kathryn, B.Ed., A.M.	Charleston	GRAD	Latin	U	S
Haner, Charles Frederick, A.B.	Globe, Ariz.	GRAD	Psychol	U	S I II
Haney, Miriam Florise	Mattoon	LAS	Genl	Fr	S I
Hanisch, William Robert	Oak Park	ENG	EE	So	S I II
Hanisee, Betty Jeanne	Winnetka	LAS	Genl	Sr	S
Hanmer, Margaret Eva Penrose	Chicago	LAS	Genl	Jr	S I II
Hanmer, Robert Stuart, B.S., M.S.	Urbana	GRAD	ChEng	U	S I II
Hanmore, Mary Ellen	East St. Louis	LAS	Genl	So	S
Hanna, Karl Hilmy	Alton	LAS	Genl	Fr	II
Hannah, Eleanor Durand	Chicago	LAS	Genl	Jr	II
Hannah, Marilyn Vivian	Mattoon	FAA	Mus	Fr	S I II
Hannan, Patricia Ann	Evanston	LAS	Genl	Jr	I II
Hanneman, Katharine Virginia	Oak Park	FAA	Art	Fr	I II
Hanselman, Marian Ruth	Wood River	LAS	Genl	Fr	I II
Hanselman, Paul A., A.B.	Springfield	GRAD	Educ	EM	II
Hansen, Barbara Jean	Waukegan	LAS	Genl	Fr	I II
Hansen, Marjorie Louise	Chicago	LAS	Genl	Fr	I
Hansmeyer, Barbara Jean	Beardstown	LAS	Genl	So	I II
Hanson, Walter Edmund, B.S.	Champaign	GRAD	CE	U	S
Hanssen, Stanley Benzie	Chicago	ENG	Genl	Sr	S
Hanzel, Sam Edgar	Chicago	AGR	Genl	Fr	II
Hao, Chao Chien, B.S., M.S.	Chungking, China	GRAD	CE	U	S I II
Hao, Chao-Mi, A.B.	Kiangsu, China	GRAD	BOO	U	II
Harbeson, Georgia, B.Ed.	Harrisburg	GRAD	Educ	EM	I
Harden, William Leon	Clarksdale, Miss.	COM	UD	Jr	I II
Hardenbrook, Harry H., Jr., D.V.M.	Urbana	GRAD	AnPath	U	S I II
Harding, Edward Thomas	Maywood	ENG	ME	Sr	S I
Harding, Richard Albert	Maywood	ENG	ME	Fr	S I II
Hardinger, Mavis Lorraine, A.B.	Mattoon	MED	Med	3	S I II
Hargrave, Marilyn	McLeansboro	LAS	Genl	Fr	I II
Harlan, Ethel Rose, A.B.	Markleville, Ind.	LIB	LibSci	1	S
Harlan, Virginia Joyce	Chicago	LAS	Genl	Fr	I II
Harland, Helen Watts	Charleston	LAS	Psychol	Sr	S
Harland, Margaret Blanche	Urbana	LAS	Genl	Fr	I II
Harlin, Harriet Ann	Chicago	AGR	HEcon	So	I II
Harlow, William John	Belvidere	COM	UD	Sr	S I
Harmon, Alice Jeanne	Monica	JNL	Jnl	Jr	I II
Harmon, Bernard L.	Princeville	LAS	Chem	Fr	S I II
Harmon, Betty Louise	Glen Ellyn	AGR	HEcon	Jr	II
Harmon, John T.	Chicago	ENG	EE	Jr	I
Harmon, Winnie	Lebanon	LAS	Genl	Jr	I II
Harms, Glenn Raymond, B.S.	Chatsworth	LAW	Law	2	S
Harper, Eugenie Alice, A.B., A.M.	Chicago	GRAD	Engl	U	I
Harper, Jerral Talbot	Springfield	LAS	PDent	Fr	S I II
Harper, Josephine Louise, A.B., A.M.	Minneapolis, Minn.	GRAD	Hist	U	I II
Harper, Katie Florence	East St. Louis	LAS	Genl	Jr	I II
Harper, Madge Perry, B.S.	Orangeburg, S.C.	GRAD	Educ	U	S I II
Harper, Marianna	Champaign	LAS	Genl	Jr	I II
Harpham, Dorothy L.	Riverside	LAS	Genl	Fr	S
Harrell, Josiah Du Bose, B.Ped., B.S., A.M.	Madison, Mo.	GRAD	Educ	EM	II
Harrell, Virginia Carolyn	Peoria	LAS	Genl	Fr	I II
Harris, Betty Irene	Decatur	LAS	Genl	Fr	I
Harris, Heloyse Sydel	Chicago	LAS	Genl	Fr	I
Harris, Howard Hamilton	East St. Louis	ENG	Genl	Fr	I
Harris, Jack Armstrong	East St. Louis	LAS	Genl	Fr	S
Harris, James Howard	Rochelle	MED	Med	1	S I II
Harris, James R., B.S.	Herrin	GRAD	AgEcon	U	S I II
Harris, June Marie	Chicago	LAS	Genl	Fr	I II
Harris, Louise	Jacksonville	LAS	Genl	Jr	S I II
Harris, Mack Joseph	Calumet City	MED	Med	2	S I II
Harris, Payne Senseman, B.S.	Monticello	MED	Med	1	S I II

Harris, Susie Lee, B.S.	Harrisburg	GRAD	Educ	U	S	
Harris, Wendall Jasper	Chicago	PE	PE	Fr		11
Harris, William Kenner	Macomb	LAS	Genl	Sr		11
Harrison, Ruth Elsie	Chicago	LAS	DGS	Fr	1	11
Harrold, Norman Minton	Great Neck, Long Island, N.Y.	ENG	ME	Sr	S	
Harry, Martha Louise	Indianapolis, Ind.	LAS	Genl	So		1 11
Harshbarger, Leslie Perkins, B.Ed.	Monticello	GRAD	Educ	U		1 11
Hart, Clinton Eugene, A.B.	Murphysboro	MED	Med	3	S	1 11
Hart, Richard Howe	Chicago	MED	Med	1	S	1 11
Hart, Robert Wendell	Carlinville	EDUC	Genl	Sr		11
Hart, Shirley Bane	Carlinville	LAS	Genl	Jr		11
Harte, Mary Eileen	Western Springs	COM	LD	So		1 11
Hartley, Thomas Clayton	Shabbona	ENG	ME	Sr	S	1 11
Hartman, Arlyne Joy	Chicago	LAS	Genl	Fr		1 11
Hartman, Hester Miriam, A.B.	Cambridge, Ohio	LIB	LibSci	1		1 11
Hartman, Shirley Ann	Durand	LAS	Genl	Fr		1 11
Hartman, Verna D., B.S.	Wood River	GRAD	Engl	EM		11
Hartmann, Fred Wesley	Villa Park	ENG	EE	Fr	S	1 11
Hartrick, John E.	Champaign	ENG	CE	Sr		1 11
Hartsheld, Howard	Chicago	PE	PE	Fr		11
Hartshorn, Ralph Walter	Ottawa	LAS	ChEng	Fr		1 11
Hartwood, Jean Lee	Champaign	LAS	Genl	Jr		1 11
Hartzell, Jack Warren	Beardstown	ENG	EE	Sr		1 11
Harvey, Barbara Ellen	Chicago	LAS	Genl	So		1 11
Harvey, Corinne Marion	Chicago	LAS	Genl	Jr		1 11
Harvey, Elizabeth Marie	Rockford	LAS	Genl	Sr		1 11
Harvey, John Frederick, A.B.	Maryville, Mo.	LIB	LibSci	1		1 11
Harvey, Margaret Jean	Manteno	AGR	H Econ	Jr		1 11
Harwell, Dwight Wesley	Maywood	LAS	PMed	Fr		1 11
Hasbrouck, Frank, Jr., A.B.	Peoria	GRAD	Entom	U		1 11
Hasely, Elizabeth Ann	Chicago	LAS	Genl	Fr		1 11
Hasemeyer, Carol Irene	Yorkville	COM	LD	So	S	1 11
Haskin, John Winthrop	Sandwich	LAS	PMed	So		1 11
Hasse, Gorden Wilbur, A.B., Ph.D.	Cleveland, Ohio	MED	Med	2	S	1 11
Hasse, Leatrice Wanda	Staunton	LAS	Genl	Jr	S	1 11
Hastings, James Jay	Bloomington	LAS	Genl	Fr		1 11
Hatch, Edmond Keith	Maywood	ENG	ME	So	S	1 11
Hatchard, William Reginald, B.S.	Urbana	GRAD	Chem	U	S	1 11
Hatcher, Grace Clara	Quincy	COM	LD	So		1 11
Hatcher, James Gregson, B.S., M.S.	Morton	GRAD	Educ	EM		1 11
Hatcher, Margaret Jackson	Hamden, Conn.	JNL	Jnl	Jr		1 11
Hatcher, Mary Adeline	Evanston	EDUC	Art	Sr		1 11
Hathaway, Robert Joseph	Chicago	LAS	Genl	Sr	S	1 11
Hattan, Corinne Rose, B.S., A.M.	Urbana	GRAD	Math	U	S	1 11
Hattensburg, Frances Anne	Kankakee	JNL	Jnl	Sr	S	1 11
Hattendorf, Renelva Ann	Burlington	COM	UD	Sr		1 11
Hattenhaus, Helen	Springfield	EDUC	Genl	EM		11
Hauffe, Meta Irene, B.S.	Lincoln	GRAD	HEcon	U	S	1 11
Haugens, Edward Emmett	Wenona	COM	UD	Sr	S	1 11
Haun, Raymond L., B.S.	McLeansboro	GRAD	AgEcon	U	S	1 11
Hauser, Esther Marie	Urbana	AGR	HEcon	Fr		1 11
Hausser, Arthur Glenn, B.Ed., A.M.	Pekin	GRAD	Educ	EM		1 11
Haven, Shirley Jeanne	Granite City	AGR	HEcon	Fr		1 11
Havens, Daniel Wolf	Chicago	LAS	Genl	Sr	S	1 11
Hawkes, Judith	Springfield	FAA	Art	Fr		11
Hawkins, Estelle Mae, A.B.	St. Louis, Mo.	GRAD	Educ	EM	S	1 11
Hawkins, Marjorie Louise	Springfield	LAS	Genl	Sr		1 11
Hawkins, Mary Kay	Oak Park	LAS	Genl	Fr		1 11
Hawks, Thisbe Arnoldson E., A.B.	Galva	GRAD	Educ	U	S	1 11
Haworth, Ruth Mina	Urbana	COM	LD	Fr		1 11
Hawthorne, Helen Marie	Granville	AGR	HEcon	Fr	S	1 11
Haycock, Harriet Ella	Springfield	FAA	Mus	Fr		1 11
Hayden, Donna Jane	Hammond, Ind.	FAA	Art	Jr		1 11
Hayden, Jeanne Marilyn	Park Ridge	FAA	Genl	Fr		1 11
Hayes, Dorcas Anne	Pana	AGR	HEcon	Jr		1 11
Hayes, Edward Lowell, B.Ed.	Humboldt	MED	Med	4	S	1 11
Hayes, Jean Margaret	Urbana	LAS	PMed	Fr	S	1 11
Hayes, John Durham	Huntington, W.Va.	ENG	EPhy	Sr	S	1 11
Hayes, John William, B.Ed.	Pontiac	GRAD	Educ	EM		1 11
Hayes, Joseph Claudius	Indianapolis, Ind.	FAA	Arch	Fr		1 11
Hayes, Mary Lou	Mattoon	FAA	LArch	Fr		1 11
Hayes, Melvin John	Bloomington			Unc	S	
Haygood, John McMillan	Gainesville, Fla.	LAS	ChEng	So		1 11
Haygood, Margaret C.	Montgomery, Ala.	LAS	Genl	So		1 11
Haygood, Robert Collins	Washington, D.C.	LAS	PMed	Fr		1 11
Hays, Robert Lewis	Decatur	LAS	ChEng	Fr	S	1 11
Hazelkorn, Herbert Nathaniel, B.S.	Brooklyn, N.Y.	GRAD	Zool	U	S	1 11
Hazelkorn, Jules	Brooklyn, N.Y.	DENT	Dent	1	S	1 11
Hazen, Marian Louise	Urbana	LAS	Genl	Jr		1 11
Head, Annabelle	Springfield	EDUC	Genl	Sr	S	1 11
Head, Glenn Oakes	Springfield	ENG	Genl	Fr	S	1 11
Healy, Edward Daniel	St. Francisville	AGR	Genl	Sr	S	1 11
Healy, Frances	Wynnewood, Pa.	LAS	Genl	Jr		1 11
Heaney, Lucille Anne, B.Ed.	Charleston	GRAD	Engl	U	S	

Heap, William Otto	Minooka	ENG	EE	Jr	S	I	II
Heath, Gwyneth Hartman	Elgin	AGR	HEcon	So	S	I	II
Heath, Helen Mae, A.B.	Mattoon	GRAD	Educ	U	S		
Hebenstreit, Richard Henry	Villa Park	ENG	CE	So	S	I	II
Hebert, Mary Cecilia, B.S.	Assumption	GRAD	Educ	EM	S	I	II
Heck, Charles Voisin, A.B., B.S.	Collinsville	MED	Med	4	S	I	
Heck, Margie Josephine	Collinsville	LAS	Genl	Fr	I	I	II
Heckert, Floweree, A.B., B.S.	Urbana	GRAD	LibSci	U	I	II	
Hecteman, Mary Carlene	Quincy	FAA	Mus	Fr	I	II	
Heda, Richard	Chicago	LAS	PMed	Fr	I	II	
Hedges, Edith Mildred	Wichita, Kans.	PE	PE	Jr	S	I	II
Hedges, Elaine Grace	Wichita, Kans.	COM	UD	Jr	S	I	II
Hedges, Vernon Dale	Ewing	EDUC	InEduc	Fr	I	II	
Hedges, Virginia Mable	Wichita, Kans.	COM	UD	Sr	S	I	
Hediger, Edward Louis	Pocahontas	MED	Med	1	S	I	II
Hedrick, Betty Jean	Champaign	EDUC	Genl	Sr	S	I	II
Hedrick, Carol Louise	Grand Rapids, Mich.	FAA	Art	Jr	I	II	
Hedrick, Florence Evelyn	Longview	LAS	DGS	Fr	I	II	
Hedrick, Robert Dwight	Freeport	COM	UD	Sr	S		
Hedstrand, Lillian Elvira, B.S., B.S.	Chicago	GRAD	LibSci	U	I	II	
Heeschen, Paul Edward	Davenport, Iowa	COM	UD	Jr	I	II	
Hefter, Dorothy Elaine	Kankakee	LAS	Genl	Fr	I	II	
Hegeler, Edward Carl	Danville	LAS	Genl	Fr	I	II	
Heggemeier, Margaret M.	Nashville		Unc	S			
Heidler, Louise	Mt. Vernon	LAS	Genl	Fr	I	II	
Heifetz, Milton David	Chicago	MED	Med	2	S	I	II
Heil, Patricia Lorraine	Chicago	LAS	Genl	So	S	I	II
Heil, Richard Wendell	Chicago	ENG	CE	Fr	S		
Heiman, Jane	University City, Mo.	FAA	Art	So		I	II
Heimerdinger, Shirley	Riverside	COM	LD	Fr	I	II	
Heimsath, Francis Joseph	Aurora	PHARM	Pharm	3	S	I	II
Heintzen, Erich Hugo	Champaign	GRAD	Hist	U	S	I	II
Heinz, Lee Donovan	Kewanee	LAS	ChEng	Fr	S	I	II
Heitz, Harold Walter, Jr.	Chicago	ENG	EE	Fr	S		
Hejtmanek, Lillian B., A.B., A.M.	Buhl, Idaho	GRAD	Span	U	S	I	II
Helbling, James Louis	Champaign	PE	PE	Fr	I		
Held, Elizabeth Anne	Farmer City	LAS	Genl	Fr	I		
Helfert, Byron Alvis, B.S.	Chanute Field	GRAD	Educ	U	S	I	II
Helfrich, Betty, A.B.	Paris	GRAD	Educ	EM	S	I	
Hellen, Leslie Phillips, Jr.	Chicago	LAS	Genl	Sr	S		
Heller, Cara Margery	Chicago	LAS	Genl	So		I	II
Heller, Gershon Leo, B.S.	Chicago	GRAD	Chem	C	S	I	II
Heller, Lester	New York, N.Y.	LAS	Genl	So	S	I	II
Hellwig, Gordon Charles	Maywood	ENG	ME	Fr	S	I	II
Helman, Janice Marie	Gary, Ind.	LAS	Genl	So	I		
Helmreich, Robert Felix	Chicago	LAS	Genl	Jr	S	I	II
Helms, William John	Urbana	ENG	CE	Fr	I	II	
Helper, Sylvia	Magnolia	LAS	DGS	Fr	I	II	
Helton, Wilbur L., B.Ed.	Poplar Grove	GRAD	Educ	EM			
Hemer, Phyllis	Ida Grove, Iowa	LAS	Genl	Fr	I	II	
Hempel, Roy Wilbur	Chicago	AGR	Flor	Fr	I		
Hemstreet, Thomas Martin	Kankakee	COM	LD	Fr	I		
Hendel, Catharine Jane	Riverside	LAS	Genl	Fr	I	II	
Hendel, Dorothy Ann	Riverside	LAS	DGS	Jr	I	II	
Hendershot, Mary K., A.B.	Chicago	GRAD	Educ	U		II	
Henderson, Elizabeth Thrall, A.B.	Danville	MED	Med	4	I	II	
Henderson, Fern Irene, B.Ed.	Hopedale	GRAD	Educ	EM	S	I	II
Henderson, Harriet Evelyn	Edwardsville	LAS	Genl	Sr	I		
Henderson, John Arthur	Tolono	MED	Med	2	S	I	II
Hendricks, Allan Ross, A.B., B.S.	Oak Park	MED	Med	4	S	I	II
Hendricks, Frederick Harold	Homewood	LAS	ChEng	Fr	I		
Hendrix, Paul Max	Washington, D.C.	ENG	CerE	Jr	I	II	
Henley, Wanda	Mt. Vernon	EDUC	Genl	Jr	I		
Henn, Constance Margaret	Champaign	LAS	Genl	So	S		
Henn, Elizabeth Jacqueline	Champaign	LAS	Genl	Sr	S	I	II
Hennig, Robert William	Aurora	ENG	Genl	Fr	S	II	
Henry, Boyd Alonzo	Champaign	COM	LD	Fr	I		
Henry, John Adams, B.S.	Urbana	GRAD	ME	U		I	II
Henry, John William	Rock Island	ENG	EE	So	S	I	
Henry, Joseph Clark, A.B.	Taylorville	GRAD	Educ	U	S		
Henry, Marvin David	Chicago	MED	Med	1	S	I	II
Henry, Richard Ernest	Chicago	LAS	Genl	Fr	I		
Hepler, Sherman Eugene	Maracaibo, Venezuela	ENG	EE	Sr	S	I	
Herath, William Albert	Joliet	MED	Med	2	S	I	II
Herbert, Mary Elizabeth	Champaign	LAS	Genl	Fr	I		
Herbrandson, Harry Fred, B.Chem.	Urbana	GRAD	Chem	U	S	I	II
Herbrig, Ina Nancy	Decatur	LAS	DGS	Fr	S	I	II
Herbst, John Herman, B.S.	Valmeyer	AGR	Genl	Irr	S	I	II
Hercules, Alice Jones	Howard	LAS	Genl	Fr	I	II	
Herda, Matthew George, A.B., M.S.	Lisle	GRAD	Chem	U	S		
Herman, Grace Marie	Deerfield	LAS	DGS	Jr	I	II	
Hermann, Peggy Ruth	Chicago	FAA	Art	So	I	II	
Hermie, Mabel Mildred	Urbana	LAS	HEcon	So	I	II	
Hernandez, Donald	Roselle	ENG	CE	Jr	S	I	II
Herr, Ross Robert	Chicago	LAS	ChEng	Fr	I	II	

Herrick, Dora Katharine	Clinton	LAS	Genl	So	I	II
Herriot, Helen Eileen, B.S.	Champaign	GRAD	HEcon	U	S	I
Herrmann, Mary Kathryn, B.Ed.	Rochelle	GRAD	Educ	U	I	II
Herron, Ann Lou, B.S.	Hazel, Ky.	LIB	LibSci	1	S	II
Herscovitz, Alvin	Chicago	LAS	PMed	Fr	S	I
Hershbarger, James Edward	Champaign	PE	PE	Fr	S	I
Hershenhouse, Clarence	Chicago	LAS	Genl	Fr	S	I
Hershenhouse, Samuel Benjamin, B.S.	Chicago	MED	Med	3	S	II
Hershey, Isabel	Effingham	LAS	Genl	Jr	I	II
Hersman, Elizabeth	Grand Rapids, Mich.	LAS	Genl	Jr	I	II
Hertenstein, Dorothy Ida, A.B.	Lebanon	GRAD	Educ	U	S	I
Hertenstein, Herman Otto	Mt. Vernon	COM	LD	Fr	I	II
Hertenstein, Norma Joan	Mt. Vernon	FAA	Mus	So	I	II
Hertz, Constance Shirley, A.B.	Chicago	GRAD	Zool	U	S	I
Hertz, James Phillip	Chicago	ENG	Genl	Fr	S	I
Hertz, Thelma	Chicago	LAS	Genl	Fr	I	II
Hertzberg, Geraldine Harriet	Chicago	LAS	Genl	Fr	I	II
Herzog, Hershel Leon	Brooklyn, N.Y.	LAS	ChEng	Jr	S	II
Herzon, Herbert, B.S.	Chicago	MED	Med	3	S	II
Herzon, Nita Sheila	Chicago	LAS	Genl	Fr	I	II
Hess, Anita Joy	Litchfield	LAS	Genl	So	I	II
Hess, Georgine Mary, A.B.	Galena	LAS	Educ	EM	S	I
Hess, Harvey Joseph	New Brunswick, N.J.	ENG	ME	So	I	II
Hess, Jean Eleanor	Chicago	LAS	Genl	Fr	I	II
Hesselschwerdt, Gernon Paul	Urbana	MED	Med	2	S	II
Hesselschwerdt, Pauline Louise	Urbana	LAS	Genl	Jr	I	II
Hetrick, John Henry, B.S., M.S.	Urbana	GRAD	DHusb	U	S	II
Hettinger, Clarence Joseph	Pesotum			Unc	S	I
Heun, Dolle Almeda	Naperville	LAS	Genl	Fr	I	II
Heyde, John Bradley	Marion	LAS	PMed	Fr	I	II
Heyman, Celia Joy	Tulsa, Okla.	LAS	Genl	So	I	II
Heyse, Elizabeth Jean	Newark, N.J.	LAS	Genl	So	I	II
Hickam, Ita Irene, B.Ed.	Waltonville	GRAD	Educ	U	S	I
Hickey, Mary Margaret, A.B.	Champaign	GRAD	Span	U	S	I
Hickey, Mary Margaret	Webster Grove, Mo.	LAS	Genl	U	S	I
Hickman, William Albert, B.S.	Decatur	GRAD	CE	U	S	I
Hicks, Ernestine	Chicago	LAS	Genl	So	I	II
Hicks, Martha Kay	Tulsa, Okla.	FAA	Art	Sr	I	II
Hicks, Ruth Claire, B.S.	Urbana	GRAD	Educ	U	S	II
Hierth, Harrison Ewing, A.B., B.Ed., A.M.	Clinton	GRAD	Educ	EM	I	II
Hiett, Martha Ellen	Monticello	LAS	Genl	Jr	I	II
Higgins, Frank Michael	Oak Park	LAS	PMed	Fr	S	I
Higgins, Thomas Orson	Lancaster	LAS	Genl	Fr	I	II
Higgs, Louis Wilson, B.Ed., A.M.	Urbana	GRAD	Educ	U	S	I
Hight, Marilyn L.	Mt. Auburn	JNL	Jnl	Jr	I	II
Hightower, Howard Wayne, B.S., M.S.	Effingham	GRAD	Educ	U	S	II
Hilker, Gloria L. J., B.S.	Chicago	MED	Med	1	S	II
Hill, Alma Dutschke, A.B.	Cecilia, Ky.	LIB	LibSci	1	S	II
Hill, Donald Howard	Alton	LAS	ChEng	Sr	S	II
Hill, Doris Floy	Chicago	PHARM	Pharm	2	S	II
Hill, Evelyn Camille	Findlay, Ohio	MED	Med	1	S	II
Hill, Frank John	Princeville	COM	UD	Jr	I	II
Hill, Harriett Elizabeth	Galatia	FAA	Arch	So	S	II
Hill, Harry Wright, C.E.	Springfield	GRAD	Educ	EM	I	II
Hill, John Flack	Oak Park	LAS	Genl	Fr	I	II
Hill, Margaret Austin	Hinckley	LAS	Genl	Fr	I	II
Hill, Marie	Champaign	FAA	Art	So	S	II
Hill, Mary Margaret	Benton	LAS	DGS	Fr	S	II
Hill, Vincent Rue, B.S.	Springfield	MED	Med	3	S	II
Hiller, Virginia Lee	Taylorville	COM	LD	Fr	I	II
Hillier, Charles William, B.S.	Chicago	DENT	Dent	4	S	II
Hillis, Mary Olive, A.B., M.S.	Beardstown	GRAD	Chem	U	I	II
Hills, Joanne Hutchinson	Champaign	LAS	Genl	Jr	I	II
Hilton, George Woodman	Chicago	LAS	Genl	So	I	II
Hilts, Robert Gifford	Wilmington	LAS	Genl	Fr	I	II
Himelman, Seymour Solomon	Bradley Beach, N.J.	LAS	Genl	Fr	I	II
Himes, Peggy Jean	Urbana	LAS	Genl	So	I	II
Hinden, Violet Jean	Pana	AGR	HEcon	Fr	I	II
Hindman, Shirley Edith	Urbana	LAS	Econ	Fr	I	II
Hines, Burton Abbott	Springfield	COM	LD	Fr	S	I
Hines, Evelyn Bernice	Arthur	LAS	Genl	So	I	II
Hines, James Rodger	Kewanaw, Ind.	MED	Med	1	S	II
Hines, Joseph	Chicago	LAS	Genl	Sr	I	II
Hines, Vynce Albert, B.S., M.S.	Urbana	GRAD	Educ	U	I	II
Hinkle, Robert Stanfield	East St. Louis	PE	PE	Fr	I	II
Hinman, Jack Wiley, A.B., M.S.	Gowrie, Iowa	GRAD	Educ	U	I	II
Hinton, Marian Helene	Foosland	AGR	HEcon	So	I	II
Hinton, Mary Laverne	Foosland	AGR	HEcon	So	I	II
Hinton, Mildred Marie	Fisher	LAS	Genl	So	S	I
Hinton, Robert Stanley	Foosland	AGR	Genl	Sr	S	I
Hipp, Donna Fac	Aurora	LAS	Genl	Fr	I	II
Hirsch, Gertrude Madeline	Chicago	LAS	Genl	Jr	I	II
Hirschick, Edwin Joseph, B.S.	Chicago	DENT	Dent	3	S	II
Hirschtritt, Alan	Chicago	FAA	Arch	Fr	S	I
Hirshfield, Hymen Jack Bernard, B.S.	Chicago	MED	Med	3	S	II
Hirst, Gordon Scott, B.Ed.	Foosland	GRAD	Educ	U	I	II

Hise, Ella Elizabeth, B.Ed.	Harrisburg	GRAD	Educ	EM	I	
Hiser, Kenneth Dean	Cerro Gordo	EDUC	InEduc	Jr	S	I
Hissong, Frances Dayne	Urbana	FAA	Mus	So	S	I II
Hissong, Marjorie Frances	Chicago	FAA	Art	Fr	I	II
Hitte, Kathryn May, A.B.	Jacksonville	LIB	LibSci	1	I	II
Hobbs, Sylvia Louise	Winnetka	LAS	Genl	Fr	I	II
Hobson, Patricia Ann	Rantoul	EDUC	Genl	Jr	I	II
Hochhauser, Martin	Linden, N.J.	LAS	PMed	Jr	S	I
Hodges, Carolene	Champaign	JNL	Jnl	Jr	I	II
Hoekelman, Ralph Frank	Quincy	LAS	ChEng	So	I	II
Hoekstra, Justin Bernard, A.B.	Grand Rapids, Mich.	GRAD	Physics	U	I	II
Hoelscher, Betty Marie	Urbana	JNL	Jnl	U	S	I
Hoelscher, Laura Charlotte, A.B.	Champaign	GRAD	Educ	U	S	I II
Hoelscher, William Randolph	Urbana	LAS	Genl	Fr	S	I
Hoepfner, Maria Johanna	Lincoln	LAS	Genl	Jr	S	I
Hofer, Donald Adelbert, A.B.	Dana	GRAD	Educ	U	S	I
Hoffing, Edgar Howard	Chicago	LAS	ChEng	Sr	S	I
Hoffman, Beatrice S.	Chicago	LAS	ChEng	Jr	I	II
Hoffman, Betty Bernice	Edgewood	LAS	Genl	Fr	I	II
Hoffman, Elinor Dorothy	Chicago	LAS	Genl	Fr	I	II
Hoffman, Helen Pauline, B.Ed.	Fillmore	GRAD	Educ	U	I	II
Hoffman, James Joseph	Racine, Wis.	FAA	Arch	Fr	I	II
Hoffman, Jean Mary	Rockford	JNL	Jnl	Jr	I	II
Hoffman, Joseph Julius	Chicago	LAS	Genl	Fr	I	II
Hoffman, Phyllis	Wilmette	LAS	Genl	Jr	I	II
Hoffman, William Asa, Jr.	Chicago	LAS	Genl	So	S	I
Hoffs, Albertus John	Grand Rapids, Mich.	MED	Med	3	S	I II
Hogan, Betty Baker	McLeansboro	LAS	PLaw	Jr	I	II
Hoganson, Constance Burdelle	Morris	LAS	Genl	Jr	S	I II
Hoge, Doris Jane	Chicago	LAS	PJnl	Fr	I	II
Hogenson, Selma Ida, A.B.	Stewartville, Minn.	LIB	LibSci	1	I	II
Hoit, Anne Lu	Geneseo	LAS	Genl	So	I	II
Hoke, Gordon Austin	Arthur	PE	PE	Fr	I	II
Hokin, Irving Albert, B.S.	Chicago	DENT	Dent	3	S	I II
Holacher, Anna Elizabeth	Fairfield	AGR	HEcon	Jr	S	I II
Holacher, Mildred Genevieve	Fairfield	AGR	HEcon	Jr	S	I II
Holden, Lawrence Burt	New York	MED	Med	3	S	I II
Holden, Merrill Edward	Chicago	FAA	Art	Fr	I	II
Holder, Loy Gene	Pinckneyville	ENG	ME	Fr	S	I
Holdsworth, Phyllis Lorene	Viola	AGR	HEcon	Sr	S	I
Holiday, John Henry	Chicago	ENG	ME	Sr	I	II
Holl, Frances Virginia	Danville	FAA	Art	Fr	I	II
Hollandsworth, Lelia Elizabeth	Glasford	AGR	HEcon	Sr	S	I II
Holleb, Estelle	Chicago	LAS	Genl	Fr	I	II
Holleb, Robert Joseph	Chicago	LAS	PMed	Fr	I	II
Holleb, Rosemary	Chicago	LAS	DGS	Fr	I	II
Holliday, John Thomas, Jr.	Ocoee	ENG	ME	Fr	I	II
Holliday, Katherine Ethel, B.Ed.	Quincy	GRAD	Educ	EM	Sr	I II
Hollingsworth, Goyle Franklin	Urbana	LAS	Genl	Fr	I	II
Hollis, Charles Lee	Urbana	LAS	Genl	Fr	I	II
Hollmann, Bernice Jane	Larchmont, N.Y.	JNL	Jnl	Jr	I	II
Hollon, Esther Jeanne	Farmer City	LAS	Genl	So	S	I
Holloway, Margaret Ann	Cobden	FAA	Art	Fr	S	I
Holloway, Virginia Sue	Decatur	LAS	Genl	Sr	I	II
Hollowell, Mack William, B.S.	Newman	MED	Med	4	S	I
Holly, Timothy Arnold	Chicago	LAS	PLaw	Fr	I	II
Holman, Amanda Jewell	Mt. Vernon	LAS	OccTher	Sr	S	I II
Holman, Carroll Brown, B.S.	Effingham	GRAD	Educ	EM	I	II
Holmbeck, Marion Julia	Rockford	PE	PE	Jr	I	II
Holmer, Carl Thure Regner, A.B.	Irwin, Pa.	MED	Med	4	S	I
Holmes, Barbara Jean	Champaign	LAS	Genl	Jr	I	II
Holmes, Martha Marilyn	Urbana	LAS	Genl	Fr	I	II
Holmgrew, Nelda B., B.S.	Chicago	GRAD	Bact	C	S	I II
Holmstrom, Betty Ellen	Rockford	LAS	Genl	Jr	I	II
Holofie, Gertrude Nadene	West Frankfort	MED	Med	1	S	I II
Holston, Dorothy Ann	Nashville	PE	PE	1	I	II
Holt, Helen Louise, A.B.	Des Moines, Iowa	LIB	LibSci	1	I	II
Holtshlag, Theresa Ann, A.B., A.M.	Quincy	GRAD	Educ	EM	I	II
Holtzclaw, Henry Fuller, Jr., A.B.	Lawrence, Kans.	GRAD	Educ	U	I	II
Homan, Robert Louis, B.S.	Forestville, N.Y.	GRAD	Music	U	I	II
Homann, Wanda Lu	Altamont	COM	LD	So	S	I
Hommm, Jeanne Regina	Chicago	AGR	HEcon	Jr	I	II
Homrighous, Mary Elizabeth	Oak Park	LAS	Genl	Fr	I	II
Honsik, Cyril Jandus, A.B.	Oak Park	MED	Med	3	S	I II
Honsik, Frank Jandus	Oak Park	MED	Med	2	S	I II
Hood, Betty Jane	Strasburg	LAS	Genl	Fr	I	II
Hood, Clarence	Urbana	ENG	ME	Fr	S	I
Hood, Horace Edward	Urbana	LAS	Chem	Fr	S	I II
Hooker, James William, B.S.	Sparta	LAS	Chem	Fr	S	I II
Hooper, Irving R., A.B.	Springfield	MED	Med	4	S	I
Hoover, James Morris	South Lyon, Mich.	GRAD	Med	U	S	I II
Hopp, Charles Franklin	Joliet	LAS	Genl	So	S	I
Hopson, Charlotte Estella	Rockford	LAS	DGS	Fr	I	II
Hora, Jerry Rudolf, B.S.M., M.D.	Urbana	COM	LD	Fr	I	II
Hord, Lena, B.Ed.	Chicago	GRAD	Soc	C	I	II
Horner, Doris Jane	Boulder	GRAD	Educ	U	S	I
	Chicago	LAS	Genl	Fr	I	II

Horney, Harriet Elizabeth, B.Ed.	Littleton	GRAD	Educ	U	I	II
Horning, Lois Marion	Lancaster, Pa.	FAA	Mus	So	I	II
Hornor, Emma Ruth, A.B.	Danville	MED	Med	1	S	I II
Hornor, Merle Haroldene	Danville	LAS	Genl	Jr	S	I II
Hornstein, Howard Leslie	Chicago	MED	Med	1	S	I II
Hornung, Nancy Ann	Ottawa	LAS	Genl	Fr	S	I II
Horowitz, Lawrence	Chicago	LAS	Med	So	S	I II
Horrom, Bruce Wayne	Springfield	LAS	Genl	Jr	I	II
Hortin, Gordon Cromie	Albion	COM	UD	Jr	I	II
Horwitz, Irwin Daniel, B.S.	Chicago	MED	Med	4	S	I
Horwitz, Shirley Ruth	Chicago	LAS	Genl	Fr	I	II
Hosaesus, Marga, B.S.	Chicago	GRAD	PE	U	I	II
Hosch, Donald Harry	Danville	ENG	EE	Fr	I	II
Hoskisson, William Arnison, B.S., M.S.	Urbana	GRAD	DHusb	U	S	I II
Hosmer, Elizabeth Ruth, A.B., A.M.	Barre, Vt.	GRAD	Engl	U	S	I II
Hostetter, Jeannette	Mt. Carroll	LAS	Genl	Sr	S	I II
Hostinsky, L. Aileen, B.S.	Manhattan, Kans.	GRAD	Math	U	I	II
Hotz, Walter Leo	Glenside, Pa.	LAS	Genl	So	S	I II
Houbolt, Neal	Joliet	ENG	CE	Sr	S	I II
Hough, Leon Fredric, B.S., M.S.	Champaign	GRAD	Hort	U	I	II
Houghton, Arthur Vincent, III	Urbana	ENG	Genl	Fr	S	I II
Honse, Elizabeth Kay	Payson	LAS	Genl	So	S	I II
House, Lucille Rosetta	Mansfield	LAS	Genl	Jr	S	I II
Hovde, Dorothy Marie, B.Mus.	Hillsboro, N.Dak.	LIB	LibSci	1	I	II
Hovorka, John, B.S., M.S.	Urbana	GRAD	Physics	U	S	I II
Howard, Alma Anderson	Lexington	EDUC	Genl	EM	I	II
Howard, Barbara Jeanne	West Frankfort	LAS	Genl	Fr	I	II
Howard, Edgar, Jr., B.S.	Apponaug, R.I.	GRAD	Chem	U	I	II
Howard, Joseph Hannibal, A.B.	Chicago	DENT	Dent	1	S	I II
Howard, Lorn Lambier	Poplar Bluff, Mo.	ENG	EE	So	S	I II
Howard, Shirley Anne	Urbana	LAS	Genl	Fr	S	I II
Howe, Reid	Oak Park	LAS	ChEng	Fr	I	II
Howe, Robert Ellithorpe	Savanna	FAA	Arch	Sr	S	I II
Howell, Doris La Vera, B.Ed.	Winnebago	GRAD	Educ	EM	I	II
Howell, Eleanor Jean	Eureka	LAS	DGS	Fr	I	II
Howell, James Gay	Woodstock	ENG	Genl	So	S	I II
Howsmon, John Arthur, A.B.	Dayton, Ohio	GRAD	Chem	U	S	I II
Hrubecky, Henry Francis	Berwyn	ENG	ME	Sr	S	I II
Hruda, Laurel Emily	Berwyn	ENG	ME	Fr	S	I II
Hruda, Lillian Ruth	Berwyn	LAS	Genl	Sr	S	I II
Hsias, Kuang Hao, A.B., A.M.	Shanghai, China	GRAD	Eng	U	I	II
Hu, Yao-Yung, B.S., M.S.	China	GRAD	Eng	U	S	I II
Huang, Lin-Yao, B.S., M.S.	China	GRAD	CE	U	S	I II
Hubbard, Barbara J.	Rock Island	LAS	Genl	Fr	I	II
Hubbard, Geneva Rose	Champaign	LAS	Genl	So	S	I II
Hubbard, Paul Gaylord, Jr., A.B.	Minneapolis, Minn.	GRAD	Hist	U	S	I II
Hubbert, Russell Deane, B.S.	Winchester	GRAD	Educ	U	S	I II
Hubble, Ralph Hale	Decatur	MED	Med	1	S	I II
Huber, Helen Patricia	Olney	JNL	Jnl	Jr	I	II
Hubka, Emil F.	Oak Park	JNL	Genl	So	I	II
Huckaba, Donald Lester	Mattoon	ENG	CE	Sr	I	II
Hudak, Elizabeth Quinn	Decatur	LAS	HEcon	Jr	I	II
Hudecek, Henry William, Jr.	Decatur	ENG	ME	Fr	S	I II
Hudson, Gloria	Nauvoo	COM	LD	So	I	II
Hudson, Irene	Macomb	LAS	Genl	Fr	I	II
Hudson, James Edgar	Centralia	COM	LD	Fr	S	I II
Hudson, Margaret Anne	Lawrenceville	AGR	HEcon	Sr	S	I II
Huebner, Margaret Julia, A.B., A.M.	Alton	GRAD	Educ	EM	I	II
Huelbig, Patricia Jean	Marissa	FAA	Mus	Jr	I	II
Huelson, Alva Jeannette	Urbana	LAS	Genl	Jr	I	II
Huelson, William Bland	Urbana	ENG	Genl	Fr	S	I II
Huelster, Laura Jewel, B.S., A.M.	Champaign	GRAD	Educ	U	I	II
Huff, Helen Catherine	Homer	GRAD	Educ	Unc	S	I II
Huffman, Benny L., B.Ed.	Canton	GRAD	Educ	EM	I	II
Huffman, Margaret Jean	Palestine	FAA	Mus	So	I	II
Huffman, Warren Justus, A.B., A.M.	Champaign	GRAD	Educ	U	S	I II
Hufford, Audrey Dean	Urbana	LAS	DGS	Fr	S	I II
Huford, Duane Lamson	St. Charles	AGR	Chem	Sr	S	I II
Hughes, Clemens John	Okawville	AGR	Genl	Fr	I	II
Hughes, Elaine Mary	Aurora	JNL	Jnl	Sr	I	II
Huish, Melvin Theodore	Alton	LAS	Genl	So	S	I II
Huizenga, John Robert	Morrison	LAS	Chem	So	S	I II
Hulla, John Andrew	Chicago	ENG	EE	So	S	I II
Hultgren, Harold Hans	Chicago	FAA	Arch	Fr	I	II
Hume, Lois Patricia	Kansas City, Mo.	ENG	EE	Jr	I	II
Humerkoch, Alice	Brookport	LAS	Genl	Jr	I	II
Humphrey, Mary Louise	Moweaqua	LAS	Genl	So	I	II
Hundertmark, Elaine Milton, B.S.	East Palatka, Fla.	GRAD	Math	U	S	I II
Hunsaker, Curtis Eugene	Carbondale	MED	Med	2	S	I II
Hunt, Frances Jane	Decatur	LAS	Genl	Fr	S	I II
Hunter, Alonzo Linn	Urbana	COM	LD	So	S	I
Hunter, Gloria Ann	Hamilton	LAS	PMed	Fr	I	II
Hunter, Harry Laymond	Hamilton	LAS	PMed	Fr	I	II
Hunter, Vera Clark, A.B.	Girard, Kans.	MED	Med	1	S	I II
Hurd, Helen Virginia	Rockford	GRAD	Hist	U	I	II
Hurd, Margaret M.	Champaign	AGR	HEcon	So	I	II
	Champaign	LAS	Genl	Jr	I	II

Hurley, Frances Jarrell	Chicago	PE	PE	Fr	I	II
Hursey, Margarette Audry	Urbana	LAS	Genl	Fr	S	I II
Hurst, Ruby La Nau	Centralia	LAW	Law	1		II
Hurt, Alice Stover	Laguna Beach, Calif.	LAS	Genl	Fr		II
Hurt, Jean Florence	Chicago	PE	PE	Sr		I II
Hurt, Wilma Jean	Fairbury	JNL	EJnl	So		I II
Hurwich, Ethel Rose	Chicago	LAS	PMed	So		I II
Hurwitz, Charlotte Joan	Elgin	MED	Med	2	S	I II
Hurwitz, Harvey Louis	Rochester, N.Y.	COM	UD	Jr		II
Husband, Ruth Henrietta, B.S., A.M.	Carbondale	GRAD	Educ	EM		I
Husman, Delmar Wayne, B.S.	Urbana	ENG	AgEng	Irr		II
Huss, Norman Charles, B.S., B.S.	Chicago	MED	Med	4	S	I
Hussey, Mary Adeline, A.B., A.M.	Urbana	GRAD	Engl	U		I II
Husted, Haroldine Ruth	Virginia	AGR	HEcon	So		I II
Hustedt, Lois ElRose	Clifton	LAS	Genl	Fr		I II
Huston, Faye Bland	Champaign			Unc	S	
Huston, Genelle	Champaign	LAS	Genl	Fr		I II
Huston, Jeannette Strau	Concord, Mass.	JNL	Jnl	Jr		I II
Hutar, Laddie Frank	Lyons	ENG	ME	So	S	I II
Hutchens, Eleanor Sylvia Sweney, A.B., A.M.	Urbana	LAS		Irr		I II
Hutchinson, Gale Lynn, Jr.	Geneseo	ENG	CerE	Fr		I II
Hutner, Bernice Charlotte	Danville	LAS	Genl	Jr		I II
Hutner, Myron Irving	Danville	LAS	Genl	So	S	I II
Hutt, Betty Jane	Westchester	PE	PE	Sr	S	I II
Hutter, Ruth Maria	Forest Park	FAA	Mus	So		I II
Hutton, Patricia Jean	Maywood	LAS	OccTher	So		I II
Hyde, Elizabeth Louise	Symerton	FAA	Art	So		I II
Hyde, Helen Shirley	Symerton	EDUC	Genl	Sr		I II
Hyde, John Sydney, B.S.	Chicago	MED	Med	3	S	I II
Hyde, Russell Smith	Champaign	ENG	ME	So	S	I
Hyman, Maurice Melvin, B.S.	Joliet	MED	Med	4	S	I
Hyson, Archibald Miller, B.S.	Stewartstown, Pa.	GRAD	Chem	U	S	I II
Icenogle, Grover Donald, B.S., B.M., M.D.	Mattoon	GRAD	Med	C	S	S
Icenogle, Richard Eugene	Mattoon	MED	Med	1	S	I II
Igler, Toby Matilda	Chicago	LAS	Genl	Jr		I II
Iglow, Dorothy Lucille	Chicago	LAS	Genl	So		I
Ihnen, Menard Chalmer	Golden	MED	Med	1	S	I II
Iles, Bette Jeanne	Urbana	LAS	Genl	Fr		I II
Illiff, Donald Woodrow	Aurora	DENT	Dent	1	S	I II
Illich, Lorraine Jane	Riverside	LAS	Genl	So	S	I II
Indeck, Walter	Chicago	LAS	PMed	Jr	S	I
Ingles, Jane Noel	Indianapolis, Ind.	FAA	Art	So		I II
Ingles, Mary Esther	Indianapolis, Ind.	LAS	Genl	Fr		I II
Ingraham, Raymond Clifford, B.S., M.S., Ph.D.	Chicago	MED	Med	2		I II
Ingram, Annette Jane	Park Ridge	LAS	Genl	Jr		I II
Ingram, Eugene Reis	Peoria	ENG	EE	Fr		I
Inman, Russell James, B.S.	Grand Chain	GRAD	AgEcon	U	S	
Innis, Perry Nolan	Champaign	COM	UD	Sr		I II
Inskeep, George Esler, B.S., M.S.	Hercules, Calif.	GRAD	Chem	U	S	
Interlandi, Joseph, B.S.	Chicago	MED	Med	3	S	I II
Ipar, Mehmet Necip	Istanbul, Turkey	LAS	Genl	Fr		II
Ireland, Enid Emily, A.B., A.M.	Quincy	GRAD	Educ	EM		I II
Irion, Alma Mae	Ottawa	LAS	Genl	So		I II
Irish, Josephine, A.B., M.S.	Quincy	GRAD	Educ	U		I
Irish, Keith Randall	Chicago	MED	Med	2	S	I II
Irish, Robert Reon	Blandinsville	LAS	Genl	Sr	S	
Irvin, Marjorie Ruth	Harrisburg	LAS	Genl	Fr		I II
Irwin, Virginia Lister, A.B., B.S.	LeMars, Iowa	GRAD	LibSci	U	S	I II
Isaacs, Betty Eleanor	Havana	EDUC	Engl	Jr		I II
Isaacson, Edward Kenneth, B.S.	Chicago	MED	Med	4	S	I
Iseberg, Jerrol Lyon	Elgin	LAS	PMed	Fr		II
Iseminger, Eleanor Madge, A.B.	Heyworth	GRAD	Engl	U	S	
Isenhart, Della Louise, B.Ed.	Chadwick	GRAD	Math	U	S	
Isenhart, Harriet Alene	Chadwick	EDUC	Genl	Jr	S	
Isenstein, Charlotte Neomi	Chicago	LAS	Genl	Jr		II
Iser, Arline Lucille	Chicago	AGR	HEcon	Jr		II
Isley, Orville Glenn, B.S.	Polo	GRAD	Educ	U	S	
Iverson, Helen Victoria	Chicago	LAS	PMed	Jr		I II
Iwanaga, Richard Rokuro, B.S.	Honolulu, Hawaii	GRAD	ArchEng	U	S	I II
Izaks, Yale	Chicago	ENG	CE	Fr		I
Izard, Marilyn Pearl	Chicago	LAS	Genl	Fr		I II
Jack, Charles E., Jr.	Waukegan	AGR	PFor	Fr		II
Jack, Thomas Burrowes	Decatur	COM	UD	Sr		I
Jack, William Griggs	Herrin	COM	UD	Sr		I
Jackson, Agnes Elizabeth, B.S.	Danville	GRAD	Educ	U	S	
Jackson, Bonnie Julane	Champaign	LAS	Genl	Fr		I
Jackson, Dale Edwards	Decatur	LAS	Chem	Sr		II
Jackson, Doris Mae	Fisher	LAS	Genl	Jr		
Jackson, James Richard	Eldorado	LAS	HEcon	So	S	I
Jackson, Kathleen Swingley	Oregon	AGR	Genl	Jr		I II
Jackson, LaVerne Marillyn	Seneca	LAS	HEcon	So		I II
Jackson, Melvin Wheeler, B.E.	Hollywood, Calif.	GRAD	CE	U		I II
Jackson, Norma Jean	Decatur	LAS	Genl	Fr		I
Jackson, Sherwood Leighton	Seneca	AGR	Genl	Sr		I II
Jackson, William Gordon, B.S., M.S.	Detroit, Mich.	GRAD	Chem	U	S	I II

Jacob, Rolla Joanne	Detroit, Mich.	LAS	Genl	So		I	II
Jacobs, Lester, B.S.	Chicago	DENT	Dent	2	S	I	II
Jacobs, Shirley Ann	Escanaba, Mich.	LAS	Genl	Fr		I	II
Jacobs, Winifred Jeanne	Dundee	COM	LD	Fr		I	II
Jacobson, Bernard Weil	University City, Mo.	ENG	CE	Jr		I	II
Jacobson, Burton Martin	Chicago	LAS	PMed	So		I	II
Jacobson, Marvin, B.S.	Chicago	DENT	Dent	1	S	I	II
Jacobson, Mary Elizabeth	Galva	AGR	HEcon	Fr		I	II
Jacobson, Milton, B.S.	Westfield, Pa.	DENT	Dent	4	S	I	II
Jacobson, Robert William	Silvis	ENG	ME	Fr	S	I	
Jaeger, Jerald Francis	Freeport	ENG	ME	Jr		I	II
Jaffe, Bernard Mack	Chicago	LAS	Genl	Fr		I	II
Jaffe, Jacqueline Muriel	Kankakee	PE	PE	Fr		I	II
Jaffe, Phyllis Hazel	Chicago	LAS	Genl	Fr		I	II
Jaffe, Richard Lee	Chicago	LAS	Genl	Fr	S	I	
Jaffe, Sanford Irwin	Chicago	ENG	Genl	Fr		I	II
Jagers, Letha Frances	Easton	LAS	Genl	Fr	S	I	
Jakofsky, Morris, B.S.	Chicago	MED	Med	3	S	I	II
James, Helen Demeter	Springfield	LAS	Genl	So		I	
James, Katherine Demeter	Springfield	LAS	Genl	Fr		I	
James, Larene Berniece	Tiskilwa	LAS	Genl	Fr		I	
James, Megan, B.S.	Wales	MED	Med	4	S	I	
Jameson, Harriet Clara, A.B., A.M., Ph.D.	Wheaton	LIB	LibSci	1	S	I	
Jamison, Brownlee Ralph, D.D.S.	Rochester, N.Y.	GRAD	Orthod	C		I	II
Janda, Charles Albert	Brigham City, Utah	LAS	Genl	Fr		I	
Janes, Helena Doll, B.S.	Urbana	GRAD	Educ	U		I	II
Janeway, Ray Curtis, A.B., B.S.	Urbana	GRAD	LibSci	U	S	I	II
Janis, Martin Earl	Chicago	LAS	Genl	U	S	I	II
Jankers, Raymond Joseph Fred	Bensenville	LAS	PMed	Fr		I	II
Jankowski, Norbert Anthony	Chicago	DENT	Genl	Fr	S	I	
Janows, Sidney Marvin, B.S.	Chicago	DENT	Dent	2	S	I	II
Jansen, Charles Levi, Jr.	Urbana	ENG	ME	Jr		I	II
Janssen, Henry H., A.B.	Springfield	GRAD	Educ	EM		I	II
Janssen, Shirley Harriett	Pekin	LAS	Genl	Fr		I	II
Jantzen, Rosemary Eleanore, A.B., A.M.	Bartelso	GRAD	Engl	U	S	I	II
Jaques, Ruth Ann	Laura	AGR	HEcon	Fr		I	II
Jarand, Paul Ambuehl	Farina	MED	Med	1	S	I	II
Jarand, Pearl Lillian	Farina	LAS	PMed	Fr		I	II
Jarmin, Lucie Reeves	Carlock	FAA	Mus	Sr	S	I	
Jarock, Elaine Catherine	Chicago	LAS	Genl	Fr		I	II
Jaronik, Stanley John	Waukegan	COM	LD	So		I	II
Jarrell, Alice Pearl, B.S.	Harrisburg	GRAD	Educ	U	S	I	
Jarrell, Robert Homer	Harrisburg	COM	LD	So		I	II
Jarrett, Kathleen Cecilia, B.Ed.	Normal	GRAD	Educ	EM		I	
Jarvis, Darrell Vernon	Cisne	LAS	Genl	So		I	
Jarvis, Marilyn Frances	Elmhurst	AGR	HEcon	Jr	S	I	
Jarzynka, Joseph John Christopher	Fitchburg, Mass.	LAS	PMed	Fr		I	II
Jarzynski, Irene Marie	Chicago	PHARM	Pharm	2	S	I	
Jaworski, Ardelle Joan	Chicago	PHARM	Pharm	1		I	
Jeffries, John Urban	Charleston	ENG	EE	Jr		I	II
Jenicek, John Andrew, B.S.	Chicago	MED	Med	1	S	I	II
Jenkins, Edith Grace	River Forest	LAS	Genl	Jr		I	II
Jenkins, Jeanne Mary	Highland Park	COM	LD	Fr		I	II
Jenkins, Marion Edith	Park Ridge	LAS	Genl	Jr		I	II
Jenkins, S. Elizabeth Bowen	Champaign	LAS	Genl	Fr		I	II
Jenkins, William John	St. Louis, Mo.	ENG	ME	Sr	S	I	II
Jennings, Catherine Frances	Chicago	FAA	Art	Fr		I	II
Jennings, Curtis Howell, B.Ed.	Zeigler	GRAD	Educ	EM		I	II
Jensen, Arthur Louis	Rockford	LAS	Genl	So	S	I	
Jensen, Gale Edward, B.S.	Urbana	GRAD	Educ	U	S	I	II
Jepsen, Sue Elizabeth	Woodstock	LAS	DGS	Fr		I	II
Jepson, Dorothy Mae	Macon, Mo.	FAA	Mus	Jr	S	I	II
Jerdan, Andrew Houston	Mattoon	ENG	EE	Sr		I	
Jesberg, Robert Ottis	Springfield	ENG	ME	Sr		I	II
Johns, Harleigh Drewier	Rockford	AGR	Genl	Jr		I	II
Johns, John	Evanston	PE	PE	Fr		I	II
Johns, Mary Lee	Metropolis	LAS	Genl	Jr		I	II
Johnsen, Vernon Leroy	McNabb	LAS	Genl	Sr	S	I	II
Johnson, Alan Kron, A.B., B.S.	Chicago	MED	Med	3	S	I	II
Johnson, Ann Elizabeth	Alton	LAS	Genl	Fr		I	II
Johnson, Betty Marie	Maple Park	PE	PE	Fr	S	I	II
Johnson, Carol Louise	East Moline	FAA	Mus	Jr		I	II
Johnson, Clyde William, A.B.	Jacksonville	GRAD	Educ	EM		I	
Johnson, Dolores Helen	Rockford	EDUC	Genl	Jr		I	II
Johnson, Donald Max	Charleston	ENG	Genl	Fr		I	II
Johnson, Dorothy Bernice, B.S.	Seneca	GRAD	Geol	U	S	I	II
Johnson, Dorothy Lorraine	Chicago	AGR	HEcon	Fr		I	II
Johnson, Dorothy Z.	Champaign	LAS	Genl	So	S	I	II
Johnson, Earl Elmer	Centralia	AGR	Genl	Sr	S		
Johnson, Elizabeth Hughes	Jacksonville	EDUC	Genl	EM		I	II
Johnson, Eugene Gunnard	Chicago	LAS	DGS	Fr		I	II
Johnson, Eugene Lester, B.S., A.M.	Galesburg	GRAD	Educ	U	S	I	
Johnson, Ewerk Henry, B.Ed.	Flanagan	GRAD	Educ	EM	S	I	
Johnson, Florence Josephine	West Hartford, Conn.	JNL	Jnl	Jr		I	II
Johnson, Gladys Marion, Ph.B.	Springfield	GRAD	Educ	EM		I	II
Johnson, Gloria	Chicago	EDUC	Genl	Sr		I	II

Johnson, Gordon Harene	Chicago	ENG	CerE	Sr	S	I	II
Johnson, Harold Victor, B.S.	Canton	GRAD	Educ	EM	I	I	II
Johnson, Helen Sue	McLeansboro	COM	LD	Fr	I		
Johnson, Hubert Primm	Danville	FAA	ArchEng	Fr			II
Johnson, Jean Estelle Fackler	Tolono	FAA	Mus	Sr	I	I	II
Johnson, Kenneth Vernon	Granite City	MED	Med	3	S	I	II
Johnson, Laurabelle	Crossville	LAS	Genl	Jr	I	I	II
Johnson, Le Baron Paul	Geneva	MED	Med	3	S	I	II
Johnson, LeRoy Ellsworth, D.V.M., M.S.	Urbana	GRAD	AnPath	U			II
Johnson, Lizzie Davis, B.S.	Gibson City	GRAD	Educ	U			II
Johnson, Marena Josephine	Aledo	LAS	Genl	Jr	S	I	II
Johnson, Marshall Alvin	Chicago	COM	UD	Sr	S		
Johnson, Martin Eugene	Elburn	ENG	EE	Sr	S	I	
Johnson, Mary Helen	Jacksonville	EDUC	Genl	EM			II
Johnson, Morris Edwin	Galva	LAS	ChEng	Sr	S	I	
Johnson, Nicholas S.	Champaign	COM	LD	So	S	I	II
Johnson, Philip Colony, B.S.	Urbana	GRAD	Chem	U	S		
Johnson, Phyllis Ann	Frankfort, Ind.	LAS	Genl	Jr	I		
Johnson, Phyllis Marjorie	Chicago	AGR	HEcon	Fr	I	I	II
Johnson, Ralph Harry, A.B., M.S.	Champaign	GRAD	Educ	U			II
Johnson, Raymond Hal, B.S.	Norris City	GRAD	AgEduc	U	S		
Johnson, Richard Henderson	Danville	ENG	EE	Jr		I	
Johnson, Robert Curtis	Danville	LAS	ChEng	Sr	S	I	
Johnson, Roger Warren D.	Rockford	LAS	Genl	So	S		
Johnson, Rose	Mattoon	EDUC	Genl	Sr	S		
Johnson, Shirlee Esther	Annawan	FAA	Mus	Fr	I	I	II
Johnson, Susie Mareene	Wayne City	EDUC	Genl	Sr	S		
Johnson, Suzanne Loretta	Waukegan	LAS	Genl	Jr	I	I	II
Johnson, Theron Robert	Norris City	EDUC	Genl	Sr	S		
Johnson, Virginia Clare	Donovan	LAS	Genl	Jr	I	I	II
Johnson, Virginia Edith	Chicago	LAS	Genl	So	I	I	II
Johnson, William David	Alton	LAS	Genl	Fr	I		
Johnson, William Stark	Urbana	LAS	PMed	So	S		
Johnston, Barbara Kathleen	Kankakee	LAS	Genl	Sr	I	I	II
Johnston, Donna Chloe	Effingham	LAS	Genl	Fr	I	I	II
Johnston, Dorothy Jean	Urbana	LAS	Genl	Fr			II
Johnston, George Edward	Mt. Vernon	LAS	ChEng	Jr	S	I	II
Johnston, Hugh William, B.S.	Urbana	GRAD	Chem	U	S	I	
Johnston, Isola Nelson	Decatur	LAS	Genl	Jr			II
Johnston, James Grosvenor	Kankakee	LAS	Genl	So	S	I	II
Johnston, June Loretta	Buckley	AGR	HEcon	Jr	I	I	II
Johnston, Ruth Genevieve	Buckley	AGR	HEcon	Fr	I	I	II
Johnston, Thomas Sherman	Chicago	DENT	Dent	U	S	I	II
Johnston, Verna Ruth, B.S., M.S.	Berwyn	GRAD	Zool	1	S		
Johnston, Wilma Louise	Urbana	FAA	Art	Fr	I	I	II
Jokich, Michael Peter	Chicago	COM	UD	Sr	S		
Jolly, John Wesley	Chicago	COM	LD	So	I	I	II
Jones, Amedee Noella	Chicago	LAS	Genl	Fr	I	I	II
Jones, Barbara Nancy	St. Anne	LAS	Genl	So	I	I	II
Jones, Beatrice Margaret	Taylorville	LAS	Genl	Fr	I	I	II
Jones, Benjamin A.	Decatur	LAS	ChEng	Fr	S	I	
Jones, Beverly Mae	Park Ridge	JNL	Jnl	Jr	I	I	II
Jones, Donald Charles	Salem	LAS	Genl	Fr	S	I	II
Jones, Dorothy Nell, B.S.	East St. Louis	GRAD	Zool	U	S	I	II
Jones, Elmer Lewis	Benton	LAS	Genl	So	S	I	II
Jones, Estel Blake, B.Ed.	Industry	GRAD	Educ	U	S		
Jones, Esther Lillian	Chicago	LAS	Genl	Fr	I	I	II
Jones, Gertrude Elizabeth	Lawrenceville	LAS	Genl	Jr	I		
Jones, Grant Arthur, B.S.	La Salle	MED	Med	3	S	I	II
Jones, Isaac Kenneth, B.S.	Eagleville, Mo.	AGR	Genl	Irr	I		
Jones, John Milton	Williamsville	LAS	Chem	Fr	S	I	II
Jones, Katharine Lea	Chicago	LAS	Genl	So	I	I	II
Jones, Leo	Chicago	PE	PE	Fr	S	I	II
Jones, Leslie Levi	Benton	ENG	ME	Jr	S	I	II
Jones, Lloyd Walton, Jr.	Danville	ENG	CE	Jr	S	I	II
Jones, Mary Ann, A.B.	Greencastle, Ind.	LIB	LibSci	1	I		
Jones, Mary Frances	Benton	AGR	HEcon	Fr	I	I	II
Jones, Morris Thompson, A.B., M.S.	East St. Louis	GRAD	Bact	U	S		
Jones, Nancy Gaines	Buffalo	LAS	Genl	Jr	I	I	II
Jones, Richard Joseph	Dewey	ENG	Genl	Fr	S	I	II
Jones, Robert Ellery, A.B., M.S.	Urbana	GRAD	Chem	U	S	I	II
Jones, Rosemary Pallette	Wilmette	LAS	Genl	Jr	I	I	II
Jones, Ruth Alice	Wilmette	AGR	HEcon	Fr	I	I	II
Jones, William Donald	Steward	LAS	PMed	Fr	I	I	II
Jonesi, Dolores Arline	Decatur	LAS	Genl	Fr	I	I	II
Jonsson, Warren	Chicago	ENG	ME	Sr	S		
Joop, Lester Walter	La Salle	PE	PE	So	I	I	II
Jordan, Ellen Carol	Champaign	LAS	Geol	Jr	I	I	II
Jordan, Henry Frank, B.S.	Bastrop, Tex.	GRAD	Hist	U	I		
Jordan, Jane Gowans	Urbana	FAA	Mus	So	I	I	II
Jordan, Keith Redmon	Bement	LAS	ChEng	Fr	I	I	II
Jordan, Mary Anne	La Grange	LAS	Genl	Fr	I	I	II
Jorgensen, Inge Budta	Chicago	LAS	Germ	Fr	S	I	II
Jorgensen, La Verne Barbara	Chicago	LAS	PMed	Fr	I	I	II
Jorn, Albert Thomas	Waukegan	ENG	ME	So	S	I	II
Joseph, Betty Carol	Belleville	LAS	Genl	Fr			II

Joseph, David Meyer	Chicago	MED	Med	2	S	I	II
Joslyn, Alice Elizabeth	Woodstock	LAS	DGS	Fr			II
Joyce, Margaret, A.B.	Greenfield	GRAD	Engl	U			I
Jubelt, Hilbert Paul, B.S.	Gillespie	MED	Med	4	S	I	
Juby, Robert Clifford	Elgin	PHARM	Pharm	1			II
Judd, Dorothy Jean	Champaign	LAS	Genl	Fr			II
Judson, Doris Anne	Oak Park	EDUC	Genl	Jr			I
Judson, Howard Kolls	Hebron	PE	PE	Fr			II
Judson, Proal Berry	Evanson	ENG	ME	Fr			II
Juel, Roger A.	Oak Park	MED	Med	2	S	I	II
Julian, Marjorie Burford	Colchester	LAS	Genl	Fr			II
Julier, Rita Marie	Munster, Ind.	COM	LD	Fr		I	
Jungers, Richard Edward	Chicago	COM	LD	Fr			II
Juska, Elvira Ellyn	Chicago	LAS	Genl	Fr			II
Kacaliefi, Christ Dimitar	Madison	ENG	Genl	Sr	S	I	
Kachele, George, B.S.	Hoopeston	MED	Med	3	S	I	II
Kaden, Vera Caroline, A.B., A.M.	Champaign	GRAD	Educ	U	S		
Kadesky, Gloria Jane	Peoria	COM	LD	Fr		I	
Kadison, Elmer Rolfe	Chicago	LAS	PMed	Sr	S	I	
Kaemerle, Harold Karl	Chicago	MED	Med	3	S	I	II
Kagan, Ruthe Bernice	Chicago	LAS	Genl	So			II
Kagen, Irving Newton	Chicago	MED	Med	2	S	I	II
Kagy, John Murray	Salem	LAS	PLaw	So			II
Kagy, Kathryn Alice	Salem	PE	PE	So			II
Kahl, Leonard Musselman	Freeport	MED	Med	1	S	I	II
Kahlert, Mercedes G., A.B.	Ashkum	GRAD	Span	U	S	I	II
Kahn, David	Peoria	ENG	Genl	So	S	I	II
Kahn, Doreen Marilyn	Chicago	LAS	Genl	Fr		I	
Kahn, Harry S., B.S.	Chicago	MED	Med	3	S	I	II
Kahn, Lester Jay	Chicago	DENT	Dent	1	S	I	II
Kahn, Maurice	Peoria	LAS	Genl	Jr	S	I	II
Kahn, Natalie Ann	Chicago	LAS	Genl	Fr		I	II
Kahn, Rena Geraldine	Chicago	LAS	Genl	Jr			II
Kahne, Merton Jerome	Chicago	MED	Med	1	S	I	II
Kain, Rita Ann	Chicago	LAS	Genl	So			II
Kaiser, Alice Grace	Chicago	LAS	Genl	Fr			II
Kaiser, Dorothy Marie	Champaign	FAA	Art	Jr	S	I	II
Kaiser, George Daniel, M.D., B.S., M.S.	St. Paul, Minn.	GRAD	Surg	C	S	I	II
Kaiser, Lois Helen	Champaign	LAS	Genl	Fr			II
Kaiser, William Edwin, Jr.	Chicago	LAS	PLaw	Fr		I	
Kale, Ferzi L., B.S.	Ankara, Turkey	GRAD	Educ	U			II
Kalfen, Irwin	Chicago	PHARM	Pharm	3	S	I	II
Kalfen, Leonard	Chicago	PHARM	Pharm	3	S	I	II
Kallembach, Shirleen Pearl	Sycamore	COM	LD	So			II
Kallio, Dorothy Marie	Chicago	FAA	Arch	Fr			II
Kallstrom, Dale Wayne	La Grange	LAS	ChEng	Fr			II
Kallstrom, Etta Marguerite	La Grange	LAS	Genl	So			II
Kamarit, Edward John, B.S.	Pana	DENT	Dent	4	S	I	II
Kambarian, Charlotte	Granite City	LAS	Genl	Fr			II
Kamenaar, Harold Robert	Chicago	MED	Med	2	S	I	II
Kamenir, Edward	Chicago	DENT	Dent	1	S	I	II
Kammerman, Robert A.	Wilmette	LAS	Genl	Fr			II
Kammerling, Erwin M., B.S., B.S.	Chicago	MED	Med	4	S	I	
Kampf, Anton	Chicago	FAA	Arch	Sr	S	I	
Kane, Donald Vincent	Champaign	COM	LD	So	S	I	II
Kane, John Francis	Chicago	ENG	CE	Fr	S	I	
Kane, Rhoda Ruth	Chicago	LAS	Genl	Jr			II
Kaneski, John Joseph	Chicago	LAS	PMed	So	S	I	
Kannmacher, Bertha Mabel, B.S.	Marshall	GRAD	Educ	U	S	I	
Kantner, Maurine Lucille	Shelbyville	AGR	HEcon	So			II
Kantor, Harry	Los Angeles, Calif.	LAS	Genl	Fr			II
Kantor, Vivian Rubin	Chicago	FAA	LArch	Fr			II
Kantz, Asher Dale, A.B.	Wichita, Kans.	GRAD	Physics	U	S	I	II
Kaplan, Barbara Ann	Atlanta, Ga.	LAS	Genl	Fr			II
Kaplan, Belle Rose	Chicago	FAA	Arch	Fr			II
Kaplan, Charles Bended	Chicago	LAS	PMed	Fr	S	I	
Kaplan, David Harvey	Chicago	LAS	PMed	So			I
Kaplan, Dorothy Sandra	Chicago	LAS	Genl	Fr			II
Kaplan, Elaine	Chicago	LAS	PMed	Fr			II
Kaplan, Elaine Natalie	Chicago	LAS	DGS	Fr			II
Kaplan, Elliott Abner, B.S.	Chicago	MED	Med	4	S	I	
Kaplan, Harold Zelic	Chicago	LAS	PDent	So	S		
Kaplan, Joyce Ellen	Tulsa, Okla.	LAS	Genl	Jr			II
Kaplan, Leonard	Chicago	COM	LD	Fr			II
Kaplan, Norma	Whiting, Ind.	LAS	Genl	Fr			II
Kaplan, Oscar Meyer, B.S.	Chicago	DENT	Dent	2	S	I	II
Kaplan, Robert M., B.S.	Chicago	MED	Med	2	S	I	II
Kaplan, Seymour	Chicago	ENG	ME	Jr			II
Kaplan, Seymour Mayer, B.S.	Chicago	DENT	Dent	2	S	I	II
Kaplan, Sherman Donald	Chicago	LAS	PDent	Fr	S		
Kaplan, William, A.B., A.M.	Brooklyn, N.Y.	GRAD	Chem	U	S		
Kapola, Florence Ann	Chicago	LAS	ChEng	Fr			II
Karacan, Erument	Istanbul, Turkey	ENG	ME	Fr			II
Karandjeff, Apostle D., B.S.	Granite City	MED	Med	3	S	I	II
Karber, Fredrica Jane	Ridgway	AGR	HEcon	Fr	S	I	II

Karchmer, Charlotte	Tulsa, Okla.	LAS	Genl	Fr		I	II
Karlos, Theron Loren	Waukegan	COM	UD	Sr	S	I	
Karls, Elaine Marie	Chicago	LAS	Genl	Jr		I	II
Karp, Charles	Chicago	LAS	ChEng	Fr		I	II
Karpin, Bernice Barbara	Chicago	FAA	Art	Sr		I	
Karr, Betty Ruth	Chicago	LAS	Genl	Fr		I	
Karr, Carol Elsie	Rock Island	LAS	Genl	Fr		I	II
Karraker, Alvan Gene	Ewing	LAS	PMed	Fr	S	I	
Karraker, Robert Heilig, B.S.	Champaign	DENT	Dent	2	S	I	II
Kartinos, Nicholas James	Chicago	LAS	Chem	Sr	S	I	
Karva, Eva Belle	Urbana	LAS	Genl	Fr		I	
Karwacki, Florence Irene	Chicago	LAS	Genl	Fr		I	II
Kase, Lois Mae	Chicago	LAS	DGS	Fr		I	II
Kasik, Howard Jerome	Cicero	COM	LD	So		I	II
Kasiske, Florence Mathilda, A.B., A.M.	Warsaw	LIB	LibSci	1	S		
Kaspar, Anna	Benton	EDUC	Genl	Sr	S		
Kathmann, Ruth M., B.Ed.	Quincy	GRAD	Educ	EM		I	II
Katsinas, Christ John	Champaign	COM	UD	Jr		I	
Katz, Arthur W., A.B.	Syracuse, N.Y.	DENT	Dent	2	S	I	II
Katz, Constance Rita	Chicago	LAS	Genl	Sr	S		
Katz, Elaine Gwendolyn	Chicago	LAS	Genl	Fr		I	II
Katz, Irma Ruth	University Heights, Ohio	LAS	Genl	Fr			II
Katz, Irving Arron	Chicago	MED	Med	2	S	I	II
Katz, Isadore	Port. Chester, N.Y.	ENG	EPhy	Sr		I	
Katz, Marvin David	Aurora	COM	LD	Fr	S		
Katz, Phyllis Muriel	Indiana Harbor, Ind.	FAA	Art	Jr		I	II
Katz, Rheta Lee	Chicago	COM	LD	Fr		I	II
Katz, Ruth	Chicago	LAS	Genl	Fr		I	II
Katz, William Jacob	Chicago	LAS	ChEng	So	S		
Katzin, Robert Lloyd	Chicago	LAS	P Dent	Fr			II
Kauffman, Harry Frey, Jr., B.S.	Petersburg, Va.	GRAD	Chem	U	S	I	II
Kauffman, Lorraine Ellen	Chicago	AGR	HEcon	Fr		I	II
Kauffman, Harry	Chicago	MED	Med	1	S	I	II
Kauffman, Marguerite Sara, A.B.	Woodstock	LIB	LibSci	1	S		
Kauffman, Mathew Joseph	Lemont	LAS	Genl	Fr	S		
Kauffman, Norbert	Chicago	LAS	Genl	Fr			II
Kauffman, Robert John, A.B.	Decatur	MED	Med	1	S	I	II
Kauffman, William Harold	Chicago	LAS	Chem	Fr	S		
Kautz, Virginia L., A.B., LL.D., B.S.	Mt. Pulaski	LAS	Genl	Irr		I	
Kavka, Jerome, B.S.	Chicago	MED	Med	3	S	I	II
Kawin, Ellen Louise	University City, Mo.	JNL	EJnl	So		I	II
Kayayan, Bedros, B.S., M.S.	Istanbul, Turkey	GRAD	CE	U		I	II
Kaye, Wilbur Irving, B.S.	DeLand, Fla.	GRAD	Chem	U	S	I	II
Kayne, Edna	Chicago	LAS	Genl	Fr		I	II
Kazdal, Mustafa Nebil, A.B., A.M.	Rize, Turkey	GRAD	Econ	U		I	
Kearney, Herschel Peter	Gridley	PE	PE	Fr	S	I	
Kearns, James David	Indianapolis, Ind.	ENG	Genl	Fr		I	II
Keating, Clara Vivian	Ingleside	LAS	Genl	So		I	II
Keck, Margie Louise	Champaign	LAS	Genl	So		I	II
Keefer, Lois Lucene	Green Valley	AGR	HEcon	Jr	S	I	II
Keefrey, Elizabeth Ruth	Chicago	JNL	EJnl	So		I	II
Keene, Reid Wesley	Hanover	COM	UD	Sr		I	II
Keeney, Grace Emily	Lanark	AGR	HEcon	Fr		I	II
Keeshin, Carl	Chicago	AGR	Genl	Fr		I	
Kehlenbach, Lois Mildred	Chillicothe	LAS	Genl	Jr	S	I	
Kehoe, Jeanne Emily	Chicago	LAS	PMed	Jr	S	I	
Keilholz, Jane Lewis	Urbana	COM	LD	Fr		I	II
Keith, Edward Mitchell	Bridgewater, Mass.	ENG	ME	Sr		I	
Kelahan, Dorothy Jane	Granite City	LAS	Genl	So		I	II
Keller, Albert Louis, Jr.	Peoria	AGR	Genl	Fr		I	
Keller, Alvalin	Springfield	EDUC	Genl	EM		I	II
Keller, Alvin Russell, B.S.	Clinton	GRAD	Educ	U		I	
Keller, Carl Albert	Memphis, Tenn.	LAS	ChEng	Fr	S	I	II
Keller, Florence Irene, B.S.	Paris	EDUC	Genl	Irr	S	I	II
Keller, Gustav Adolph	Los Angeles, Calif.	FAA	Art	Fr		I	II
Keller, Wanda Lorene Cole	Ewing	EDUC	Genl	Jr	S	I	II
Kelley, Barbara Jane	Urbana	LAS	Genl	Fr	S		
Kelley, Betty Jeanne	Urbana	LAS	Genl	Fr		I	II
Kelley, Don Wayne	Springfield	LAS	Genl	So		I	II
Kelley, Dorothy Florence	Champaign	LAS	Genl	Jr		I	II
Kelley, Dorothy Jeanne	Danville	LAS	Genl	Fr		I	II
Kelley, Jeff Thomas, A.B., M.Ed.	Marianna, Fla.	GRAD	Educ	U	S		
Kelley, Patricia Jeanne	Champaign	LAS	Genl	Fr			II
Kelley, Ray, Jr.	Ina	LAS	DGS	Fr		I	II
Kelley, Robert Leon	Springfield	PE	PE	Jr		I	II
Kellner, Alfred Paul	Chicago	LAS	PLaw	So		I	II
Kellogg, Douglas Sheldon	Fort Sill, Okla.	LAS	Genl	Fr	S	I	II
Kelly, Dorothy Crane	Pittsfield	COM	LD	So		I	II
Kelly, Jean Marjorie	Oak Park	LAS	Genl	Fr		I	II
Kelly, Leonard John	Chicago	ENG	EE	Sr	S		
Kelly, Lloyd	Havre, Mont.	LAS	Genl	So		I	
Kelly, Ralph Elmer	Champaign	LAS	ChEng	So	S	I	II
Kelly, Robert Anthony	Chicago	PE	PE	Fr	S		
Kelsh, Marjorie Dorothy	Peoria	AGR	HEcon	Fr		I	II

Kember, Dorothy M.	Serena	EDUC	Genl	Sr	S
Kemena, Ann Lucille	Lincoln	EDUC	Genl	Sr	S
Kemp, Virginia Allen	Chicago	LAS	Genl	Fr	I II
Kendall, Hillis Ellsworth, B.S.	Villa Grove	MED	Med	4	S I
Kendall, Kenton Augustus, B.Ed., M.S.	Urbana	GRAD	DHusb	U	S I
Kendall, Mary Virginia	Danville	LAS	Genl	So	I II
Keneipp, Virginia Maxine	Allendale	AGR	HEcon	So	I II
Kenitz, Jeane Kathleen	Oak Park	LAS	Genl	Sr	S I
Kennedy, Alice E., A.B., A.M.	Springfield	GRAD	PolSci	EM	I II
Kennedy, Dorothy Blaine	La Grange	LAS	Genl	Fr	I II
Kennedy, Mary Kathryn	Plainfield	LAS	Genl	So	I II
Kennedy, Robert Paul	Byron	COM	LD	Fr	I II
Kennel, Robert Emil	Normandy, Mo.	ENG	ME	Sr	S
Kenner, Lillian Augusta, A.B.	Danville	LIB	LibSci	1	S
Kent, Mary Elizabeth	Morrisonville	JNL	Jnl	Sr	I II
Kephart, Rosella Mattie	Chicago	PE	PE	Sr	I II
Kepner, Clara, B.Ed., A.M.	Normal	GRAD	Educ	U	I
Kerchenfaut, Lois Carolyn, A.B.	Gibson City	GRAD	Speech	U	S I II
Kerfman, Herman D.	Chicago	LAS	ChEng	Sr	S I
Kerlin, Delmar Leroy, D.V.M.	Chicago	GRAD	AnHusb	U	S I II
Kern, Dorothy Beemer	Carmi	LAS	Genl	Sr	I II
Kern, James Fred	Pittsfield	LAS	Genl	So	S
Kern, Sidney Beemer	Carmi	LAS	PMed	Sr	S I
Kernis, Leonard, B.S.	Chicago	MED	Med	4	S I
Kerns, Freda Leora	Palmer	LAS	Genl	Fr	S
Kerns, Patricia Jean	Springfield	LAS	Genl	Fr	I II
Kernz, Vida Marie	Oglesby	COM	LD	So	I II
Kerr, Irma Elaine	Chicago	FAA	Mus	Jr	S I II
Kerr, Marilyn Jeanette	Urbana	LAS	Genl	Jr	S I II
Kerr, Walter Lawrence	Streator	COM	LD	Fr	S I II
Kerres, Esther Leota	East Moline	FAA	Mus	Fr	I II
Kersch, Mary Martha	Decatur	COM	LD	So	I II
Kesler, Joan	Oak Park	LAS	DGS	So	I II
Kessie, Muriel Jeanne	Chicago	AGR	HEcon	Sr	S I
Kessler, Doris Mae Margaret	Granville	LAS	Genl	Fr	I II
Kessler, Howard Quentin, A.B.	Waggoner	LAS	Genl	Irr	II
Kessler, Marion L. Skinner	Camden, Mich.	AGR	HEcon	Fr	S I II
Kessler, Morris Sylvanus, B.S.	Auburn	GRAD	Accy	U	S I II
Kessler, William, B.S.	Chicago	MED	Med	3	S I II
Kestenbaum, Jerome, A.B.	Peoria	GRAD	French	U	S
Ketay, Irving Leon	Peoria	LAS	PMed	Fr	II
Ketchum, Ann Matilda	Chicago	LAS	Genl	Sr	I II
Ketring, Eldon Grant	Troy	MED	Med	1	S I
Kettering, Harold Engle	Oley, Pa.	AGR	Unc	S	
Kevilus, Anne Margaret	Argonne, Wis.	LAS	OccTher	Fr	I
Keyes, Nancy Chloe	Urbana	FAA	Mus	So	S
Kharasch, Jerome Aaron	Chicago	LAS	PMed	Fr	S I II
Kjeffer, Donald Edward	Chicago	AGR	Genl	Fr	II
Kjenlan, Vivian Georgene	Chicago	LAS	DGS	Fr	II
Kjenzle, Frances Marguerite	Pittsfield	LAS	PMed	Fr	S I II
Kjenzle, Helen L., A.B.	Pittsfield	GRAD	Educ	U	S
Kjenzle, Loretta Antoinette	Pittsfield	LAS	Genl	Fr	I II
Kjer, William Jay	Chicago	LAS	ChEng	Fr	II
Kjesling, Robert William	Akin	ENG	ME	Fr	I
Kietzmann, Ruby Hilda	Varna	AGR	HEcon	Fr	I II
Kile, Otho	Homewood	LAS	ChEng	Fr	I II
Killian, William George	Little Rock, Ark.	FAA	Mus	Fr	II
Killion, Donald Wayne	Chicago Heights	LAS	PMed	Fr	I II
Killip, Devore Eugene	Roberts	LAS	PDent	So	S I
Kilpatrick, Marjorie Stephens	Memphis, Tenn.	LAS	Genl	Sr	II
Kilsberg, Marion Lois	Rockford	LAS	DGS	Fr	I
Kimball, Preston Whitcomb, B.S., M.S.	Nauvoo	LAW	Law	3	S
Kimbark, Jacqueline Elanore	Chicago	LAS	Genl	Fr	I II
Kimbrell, Ellen Carolyn	Chicago	LAS	Genl	Fr	I II
Kimbrough, Maurice Leroy	Sullivan	ENG	CE	So	S I II
Kimmel, Alan Dorf	Chicago	LAS	Chem	Fr	II
Kimmel, Levett, B.S.	Golconda	GRAD	Agron	U	S I II
Kimmel, Marybelle, A.B.	Du Quoin	LAW	Law	3	S
Kimmell, Eleanor Edwards, B.S.	Warsaw	EDUC	Genl	Irr	S
Kinch, Beatrice Moselle	Urbana	LAS	Genl	Fr	I II
Kindle, George Franklin, B.Ed.	Pittsfield	GRAD	Bot	U	S
Kindred, Laura Elizabeth	Beason	AGR	HEcon	So	I II
Kindt, Vera Elizabeth	Shelbyville	COM	LD	Fr	S I
King, Ernest Thomas, Jr.	Chicago	LAS	ChEng	Fr	I II
King, Harry	Brooklyn, N.Y.	MED	Med	1	S I II
King, Leonard Bushnell, B.S.	Canton	GRAD	Educ	EM	II
King, Mae Elizabeth, A.B.	Richmond, Ind.	LIB	LibSci	1	S
King, Muriel Lorraine	Chicago	LAS	Genl	So	I II
King, Richard Ewart	Chicago	MED	Med	3	S I II
King, Sam Seymour	Chicago	JNL	EJnl	Fr	I II
King, Sarah Louann	Harlingen, Tex.	LAS	Genl	Fr	I II
Kingsbery, Howard Curtis, A.B.	Chicago	MED	Med	4	S I
Kingsley, Cecelia M., A.B.	Dubuque, Iowa	LIB	LibSci	1	S
Kingston, Charlotte Catherine	Hammond, Ind.	LAS	Genl	Fr	I II
Kingston, Margaret Frances	Urbana	LAS	Genl	Fr	S II
Kinney, Harriett Jane	Tuscola	LAS	Genl	Fr	II

Kinsman, Ben Arthur	Royalton	LAS	PMed	Jr	I
Kinzer, Ella Finch	Ottawa			Unc	
Kipnis, Herbert Stanley	Chicago	LAS	Chem	Jr	SS I
Kipp, Koralee Madge	Annawan	AGR	HEcon	Sr	SS I
Kirby, Edward Vincent	Chicago	LAS	Genl	Sr	SS
Kirby, Emily Susanne	Oreana	AGR	HEcon	Sr	S I II
Kirby, Jean Ellen	Riverside	LAS	DGS	So	I II
Kirchoff, Clyde August, B.S.	Franklin Park	MED	Med	2	I II
Kirellis, Ramon Walter, B.S.	Urbana	GRAD	PE	U	SS I II
Kirk, Colleen Jean, B.S.	Champaign	GRAD	Mus	U	SS I II
Kirk, Karl Archer	Moweaqua	AGR	Genl	Sr	SS
Kirk, Mary Anne	Champaign	FAA	Mus	Jr	I II
Kirk, Mary Mae Maloney	Tower Hill	EDUC	Genl	Jr	I II
Kirk, Patricia Laura	Chicago	LAS	Chem	Fr	I II
Kirk, Walton, Jr.	Mt. Vernon	PE	PE	So	I II
Kirkpatrick, Gladys Ruth	Roseville	EDUC	Genl	Sr	S
Kirmse, Lorraine Elizabeth	Schiller Park	AGR	HEcon	Fr	I II
Kirschbaum, Ursula Emmy	Manteno	LAS	Genl	Jr	S I
Kirst, William James	Chicago	COM	LD	So	I II
Kiser, Betty Jane	Springfield	LAS	Genl	Jr	S I
Kisner, Mary Doris	Carmi	LAS	Genl	So	I II
Kissinger, Franklin Morley, Jr.	Peoria	LAS	PMed	Jr	S
Kistler, Mark Oliver, A.B., A.M.	New Tripoli, Pa.	GRAD	Germ	U	I II
Kitchell, Velma Irene, B.S., B.Mus., A.M.	Morrissonville	GRAD	Educ	U	I
Kitzis, Bernice	Chicago	LAS	Genl	Fr	I II
Klaiber, George Stanley, A.B., A.M.	Buffalo, N.Y.	GRAD	Physics	U	SS
Klaman, Marjorie Ann	Danville	LAS	Genl	Fr	SS
Klaren, Earl Vincent	Lake Forest	MED	Med	2	S I II
Klaving, Dale Albert	Barry	AGR	Genl	Jr	I II
Kleber, Bennett, A.B., B.S.	Baltimore, Md.	DENT	Dent	3	S I II
Kleber, Edward Bruce	Chicago	ENG	ME	Sr	S I II
Kleefeld, Leonard Jordan	Chicago	LAS	Genl	Fr	I
Kleefeld, Jerome	Chicago	ENG	ME	Fr	S I
Kleefeld, Robert Allan	Chicago	LAS	PLaw	Fr	I
Klein, Clarence	Chicago	LAS	PMed	Sr	S I
Klein, Elaine Betty	Springfield, Ohio	LAS	Genl	Fr	I II
Klein, Frances Wang	Kansas City, Mo.	AGR	HEcon	Sr	I
Klein, Jean Betty	Aurora	LAS	Genl	Fr	I II
Klein, Jerome George	Chicago	LAS	ChEng	Sr	S I
Klein, Marjorie Ruth	Chicago	LAS	Genl	Fr	I II
Klein, Mary Adella	Gridley	LAS	Genl	Fr	I II
Kleinfield, Irving	Clifton, N.J.	LAS	PDent	Sr	S
Kleitsch, Rhea Knight	Chicago	LAS	Genl	Jr	I II
Klemptner, Harold Edward	Chicago	MED	Med	3	S I II
Kletcher, Ruth	Chicago	LAS	Genl	So	I
Klie, Robert Elmer	East St. Louis	LAS	Genl	Jr	S I II
Klimek, Anthony Francis	Chicago	PE	PE	Fr	I
Kline, Dorothy Jean	Elgin	LAS	Genl	Fr	I II
Klingelhoffer, William Louis	Champaign	LAS	Genl	Fr	S I II
Klinsky, William B.	Chicago	LAS	PMed	Fr	I II
Kliszczewski, Chester Eugene	Chicago	LAS	ChEng	So	S I II
Klontz, Everett Earl, B.S., M.S.	Urbana	GRAD	Physics	U	S I
Klopot, Nancy Jean	Chicago	LAS	Genl	Fr	I II
Klopsch, Warren John	Chicago	MED	Med	2	S I II
Klose, Theodore Gerard, B.S.	Villa Park	GRAD	Educ	U	I II
Klucikowski, Norbert Andrew, B.S.	Chicago	MED	Med	4	S I
Klug, La Verne Valerie	Chicago	LAS	Genl	Fr	I II
Kmet, Virginia Larene	Springfield	AGR	HEcon	Fr	I II
Kmetko, Mildred Angeline	Chicago	LAS	Genl	Fr	S I II
Knaak, Christy Marmont	Highland Park	LAS	Genl	Sr	S I II
Knaphurst, Dorothy Marie	River Forest	LAS	Genl	Fr	I II
Knetsch, Kermit Lynn	Paw Paw	ENG	Genl	So	S I II
Knezevich, Helen	Chicago	LAS	PMed	Fr	I II
Knight, Rhea Clifford	Chicago	LAS	Genl	Jr	S I
Knight, Richard Tennant	Denver, Colo.	COM	Genl	So	I II
Knobeloch, Marie Bertha, B.Ed.	Belleville	GRAD	Chem	U	I II
Knodle, Richard Lee	Elgin	ENG	EPhy	Sr	S
Knoepfelmacher, Augusta Anna	Chicago	LAS	PMed	Fr	I II
Knofes, James Lyle	Chicago	COM	LD	Fr	S I II
Knopf, Dorothy Caroline	River Forest	LAS	Genl	Fr	I II
Knowlton, Joy	Evanston	LAS	Genl	Fr	I II
Kobberup, Elsie Madden, A.B.	Fox Lake	GRAD	Engl	U	S
Koch, Herman William, B.S., M.S.	Flushing, N.Y.	GRAD	Physics	U	S I
Koch, Ralph George	Champaign	COM	LD	Fr	I II
Kodosh, Milton M.	Chicago	DENT	Dent	2	S I II
Koec, Martin, III	Oshkosh, Wis.	MED	Med	1	S I II
Koehler, Alice Gene	Urbana	LAS	Genl	So	I II
Koehler, Carol Ann	Urbana	AGR	HEcon	Jr	S I II
Koehler, Kenneth Ralph	Chicago	ENG	Genl	Fr	I
Koeller, Raymond Charles	Chicago	LAS	ChEng	Fr	S
Koenig, Naomi Joanne	Chicago	LAS	Genl	Fr	I
Koenigsmark, Paul Morris	Waterloo	ENG	ME	Sr	S
Koepke, Carol Winifred	Lamoille	LAS	Genl	So	I II
Koesterer, Aloys George	Freeburg	LAS	PMed	Fr	S I
Koesterer, Richard Adolph	Freeburg	LAS	PMed	Sr	S I
Koffler, Bernice	Chicago	LAS	Genl	Fr	I

Koffman, Marian Hannah	Elmwood Park	LAS	Genl	So	I	II
Kohl, Darwin Louis	Chicago	LAS	PMed	So	S	I
Kohlenbrener, Robert Morton	Chicago	LAS	PMed	Fr		II
Kohlhauff, Ruth Helen	Sullivan	LAS	Genl	Jr	I	II
Kohtz, Constance Mari	Skokie	LAS	Genl	Fr	I	II
Kolinger, William Arthur	Riverside	ENG	ME	Fr	S	I
Kollar, Edward Joseph, B.S., A.M.	Streator	MED	Med	2	S	I
Kollman, Nancy Joyce	Park Ridge	LAS	DGS	So	I	II
Kolmer, Leah Marie	Waterloo	LAS	Genl	Fr	I	II
Kolodziejczyk, Joseph	Chicago	DENT	Dent	3	S	I
Kolpack, Sylvia Eleanore	Chicago	LAS	Genl	So	S	I
Komar, Marvin Arthur	Chicago	LAS	Genl	Fr	S	I
Komisor, Esther Molly	Cheyenne, Wyo.	LAS	Genl	Fr	I	II
Kommer, Wynette Helen	Chicago	LAS	Genl	Jr	I	II
Komnick, Thomas Edgar	Emden	COM	LD	Fr	I	
Konstant, Anthony Nicholas	Chicago	ENG	CE	Fr	I	II
Koonce, Jo Ann	Bridgeport	AGR	HEcon	Fr	I	II
Koontz, Francis Emanuel	Calumet City	ENG	Genl	Fr	I	II
Koontz, Helen Willella	Fairfield	AGR	HEcon	Jr	I	II
Koontz, Kathryn Lucille	Fairfield	AGR	HEcon	Fr	I	II
Koppel, Donald Maurice	Chicago	LAS	PMed	Fr	I	II
Kopriva, James Warren, A.B.	Cicero	MED	Med	4	S	I
Kopsa, Walter John	Cicero	MED	Med	2	S	I
Koptik, George	Cicero	LAS	PMed	So	I	II
Koren, Joseph Anton, B.S.	Chicago	GRAD	Pharm	C	S	I
Koritz, Mary Jean	Rochelle	LAS	HEcon	Jr	S	I
Korol, Herbert	Chicago	MED	Med	2	S	I
Kosa, Frances	Berwyn	LAS	Genl	So	I	
Kosar, Evelyn Dorothy	Chicago	MED	Med	2	S	I
Kosobud, Richard Francis	Riverside	LAS	ChEng	So	S	I
Kotcher, George Paul, B.S.	Westville	MED	Med	3	S	I
Koteff, Walter	East Hazel Crest	LAS	Genl	Fr	I	
Kothlow, Richard James	Hammond, Ind.	LAS	PMed	Fr	I	II
Kott, Harriet Sonia, B.S.	Chicago	MED	Med	3	S	I
Kousnetz, Irving	Chicago	MED	Med	1	S	I
Kovac, James Joseph	East Mollne	ENG	ME	Sr	S	I
Kovacic, Peter, A.B.	Washington, Pa.	GRAD	Chem	U		II
Kovats, Julius Joseph	Chicago	DENT	Dent	2	S	I
Kowalski, Casey Thomas, B.S.	Chicago	DENT	Dent	4	S	I
Kowalski, George R., A.B., B.S.	Chicago	MED	Med	3	S	I
Kowalski, Rita Mae Mary	Calumet City	LAS	Genl	Jr	I	II
Kowalski, Roland Anthony, B.S.	Chicago	DENT	Dent	3	S	I
Kozak, Stella M.	Chicago	PHARM	Pharm	2	S	I
Kozler, Elaine	Cicero	FAA	Arch	So	S	I
Krabbe, Betty Carmen	Champaign	LAS	Genl	So	I	II
Krabbe, Newton John, Jr.	Champaign	LAS	PMed	Fr	S	I
Kracaw, Josephine	Chicago	LAS	Genl	Fr	I	
Kraehenbuehl, Carol Jean	St. Joseph	LAS	Genl	So	I	II
Kraehenbuehl, John David	St. Joseph	LAS	Genl	Sr	S	I
Kraft, Felice Mary	Gilman	LAS	Genl	Jr	I	II
Kraft, Robert Eugene, B.S.	Chicago	GRAD	TAM	U	S	I
Krage, Joseph James	Chicago	LAS	Genl	Fr	I	II
Kral, Joseph Leslie	Chicago	ENG	ME	Sr	S	I
Krall, Rudolph Albert	Gary, Ind.	ENG	Genl	Fr	I	II
Kramer, Audrey Phyllis	Springfield	PE	PE	Fr	I	II
Kramer, Charles Henry	River Forest	MED	Med	2	S	I
Kramer, Donovan Mershon	Warsaw	LAS	PLaw	Fr	S	I
Kramer, James Harman	Havana	ENG	ME	So	I	
Kramer, Mildred Elaine	Kankakee	LAS	HEcon	Jr	I	II
Kranson, Eileen Hortense	University City, Mo.	PE	PE	So	I	II
Kranz, Richard Edmund	Chicago	LAS	PLaw	Fr	I	II
Krasne, Charlotte Mae	La Salle	LAS	PJnl	Fr	I	II
Krasnow, Sheldon Ellman, B.S.	Chicago	MED	Med	3	S	I
Krasowsky, Nicholas	Chicago	ENG	EE	Fr	I	II
Kratz, Stephen Chittenden, B.S.	Monticello	MED	Med	4	S	I
Krauss, Lydia Magdalena, A.B.	Carthage	GRAD	HEcon	U	S	I
Kravite, Harvey, A.B.	Chicago	MED	Med	3	S	I
Krbecc, Loraine Marian Loretta	Cicero	EDUC	Genl	Jr	I	II
Krebs, Anne Catherine	Belleville	FAA	Arch	So	I	II
Kref, Warren William, B.S.	Des Plaines	MED	Med	3	S	I
Kreiling, Carolyn May	Havana	LAS	DGS	Fr	I	II
Krejca, Frank Joseph, B.S.	Chicago	MED	Med	1	S	I
Krejci, Edward John	La Grange	LAS	Genl	So	I	II
Krell, Dorothy Mae	Chicago	LAS	Genl	Jr	I	II
Kremers, Howard Earl, A.B., M.S.	Champaign	GRAD	Chem	U	S	I
Krevitt, Norman David	Chicago	LAS	Genl	Fr	I	II
Krieg, Glen William	Forest Park	LAS	Genl	Fr	I	
Krjeger, Dorothy Mae	Calumet City	LAS	Genl	So	I	
Krieguer, Rosemary Louise	Serena	AGR	HEcon	Sr	S	I
Krigel, Edwin Milford	Kansas City, Mo.	ENG	ME	Jr	S	I
Kring, Wilma Louise, A.B.	Clinton	GRAD	Educ	EM	I	II
Krishen, George	Chicago	PHARM	Pharm	4	S	I
Kristy, Norton Frank	Chicago	LAS	Genl	Fr	I	II
Krit, Jean Agnes	Chicago	LAS	Genl	Fr	I	II
Kroll, George	Chicago	DENT	Dent	1	S	I
Krone, Ralph Werner, B.S., M.S.	Champaign	GRAD	Physics	U	S	I

Kronst, Robert Edward	Wilsonville	ENG	CE	Jr		I	II
Krotiak, Rudolph James	Chicago	ENG	CE	U	S	I	II
Krueger, Edward John	Chicago	ENG	ME	Sr			
Kruger, Gordon James, D.V.M.	Urbana	GRAD	AnHusb	U	S	I	II
Kruglick, Rae Lila	Chicago	LAS	Genl	Jr		I	II
Krulwich, Byron Arnold	Chicago	ENG	ME	Sr	S	I	II
Krull, Ann Ada	Chester	LAS	Chem	Fr		I	II
Krull, Irene Mary	Mazon	FAA	Art	So		I	II
Krumsick, Helen Elizabeth	Auburn	LAS	Genl	Fr		I	II
Krupnik, Adele Barbara	Chicago	LAS	Genl	So		I	II
Kruse, Donald Fredrick	Champaign	LAS	PJnl	Jr		I	II
Kruse, Faith Roberta	Chicago	LAS	Genl	Fr		I	II
Kruse, William George	Chicago	LAS	Genl	Fr		I	II
Kubelius, Thomas Charles	Kewanee	COM	LD	So		I	II
Kubitz, Karl Alfred	Champaign	LAS	Chem	So	S		
Kuby, Polly	West McHenry	FAA	Art	So		I	II
Kuderko, Max John	North Chicago	ENG	MetE	Sr		I	
Kudrna, Alice Grace	Berwyn	LAS	Genl	Jr	S	I	II
Kudzma, Anthony John, B.S.	Cicero	MED	Med	4	S	I	
Kueffner, Rita Ann	Chatsworth	LAS	Genl	Fr		I	II
Kuemmel, Virginia Shirley	Chicago	LAS	Genl	So		I	II
Kugler, Selma Marie Olson, A.B., A.M.	Gifford	LAS	Genl	So	S	I	II
Kuhl, John Marlin	Nokomis	MED	Med	3	S	I	II
Kuhlo, Elizabeth Marsh, B.S.	Quincy	LIB	LibSci	1	S		
Kuhn, LeRoy Metcalf	Maywood	LAS	ChEng	Fr		I	II
Kuhn, Verna Marie	Chicago	LAS	Genl	Jr	S	I	II
Kuhn, Wolfgang, B.Mus., M.S.	Roxana	GRAD	Educ	U	S		
Kuizina, Ursula Barbara	Waverly	JNL	Jnl	Jr	S	I	II
Kuizina, Victor Joseph	Waverly	COM	UD	Sr	S		
Kukral, Albert Joseph, Jr.	Chicago	MED	Med	3	S	I	II
Kulbarsh, Harold	Chicago	LAS	Chem	Fr		I	II
Kult, Milton Louis	Elgin	ENG	EE	Jr	S		
Kulwin, Myron Herman, B.S.	Chicago	MED	Med	3	Sr	I	II
Kunka, Henry Peter Gregory	Chicago	LAS	PMed	3	S		
Kunze, Helen Elizabeth, B.Ed.	Edwardsville	GRAD	Educ	EM	S	I	II
Kurowski, Thaddeus Roman	Chicago	LAS	Chem	Jr		I	II
Kurr, Ruby Helen	Louisville	AGR	HEcon	Jr	S	I	II
Kurt, Bernice Annette	Wichita, Kans.	LAS	Genl	Sr		I	II
Kussman, Earl James Peter	St. Louis, Mo.	ENG	ME	S			
Kustoff, Betty Rose	Freeman, Ark.	ENG	DGS	Fr		I	
Kutsunis, Harry Theodore, B.S.	East Moline	MED	Med	3	S	I	II
Kutz, Stephen	Chicago	LAS	Genl	Fr	S		
Kuwahara, Paul Kazuo	Chicago	ENG	ME	So		I	II
Kuyper, Betty Anne Grantham	Arthur	AGR	HEcon	Sr		I	
Kuznetsky, Earl Norman	Chicago	LAS	PDent	So	S		
Kuzniar, Chester	Sudbury, Ont., Canada	ENG	EE	Fr		I	II
Kvale, S. Karen	Chicago	COM	LD	Fr		I	II
Kwatnez, Allen Leslie	Fort Wayne, Ind.	COM	LD	Fr		I	II
Kwiatek, Jack	Kansas City, Mo.	LAS	Chem	Fr	S	I	II
LaBelle, Clifford Wesley	Zion	ENG	CE	Sr	S		
Lace, Jane Allen	Rockford	JNL	EJnl	Fr		I	II
Lacy, Anna Margaret, B.S.	Boonville, Mo.	GRAD	Bact	C	S		
Ladd, Betsy Ann	Peotone	LAS	Genl	Fr		I	II
Ladenson, Blanche	Chicago	LAS	Genl	Fr		I	II
Laeger, Julius Charles, Jr.	Highland Park	ENG	ME	Fr	S		
Laff, Robert Mayer	Chicago	LAS	PMed	So	S	I	II
LaForge, Eleanor Marie	New Holland	FAA	Mus	Jr		I	II
Laibly, Richard Boardman	Chicago	LAS	Genl	Sr		I	II
Lake, Mary Catherine	Athens	AGR	HEcon	Fr		I	II
Lakin, Donald Lamar	Clinton	LAS	Genl	Fr		I	II
LaLiberte, Mary Jane	La Grange	LAS	Genl	Fr		I	II
La Mandin, Virginia Ruth	Springfield	LAS	Genl	Fr		I	II
Lamar, Harold Thomas	Rosiclare	LAS	Genl	Fr	S		
Lamb, Bernice Rucker	Casey	AGR	HEcon	Jr	S	I	II
Lamb, James Donald	Bourbon	COM	UD	Sr	S		
Lamb, Leonard, A.B.	Cerro Gordo	MED	Med	4	S	I	II
Lamb, Suzanne Lois	Evanston	LAS	Genl	4	Fr	I	II
Lambdin, Helen Opal	St. Joseph	AGR	HEcon	Sr		I	II
Lambert, Christina Marian, B.S.	Taylorville	GRAD	HEcon	U	S		
Lambert, Glenn Frederick, A.B.	Fort Wayne, Ind.	GRAD	Chem	U	S	I	II
Lambert, Mary Alice	Mt. Carmel	LAS	Genl	So		I	II
Lamborn, Ellis Wiston, B.S.	Laketown, Utah	GRAD	AgEcon	U	S	I	II
Lambrecht, Paul Benjamin	Bloomington	MED	Med	4	S	I	II
Lamm, Arnold Bernard	Chicago	COM	LD	Fr		I	II
Lamm, Kenneth Lloyd	Oak Park	ENG	ME	Fr	S	I	II
Lammering, Donald Robert	Calumet City	ENG	ME	Sr	S	I	II
Lampert, Alvin Jerome	Chicago	LAS	Genl	Sr	S	I	II
Lampert, Vernon H.	Chicago	PHARM	Pharm	2	S	I	II
Lampitt, Frances	Pekin	PE	PE	Fr		I	II
Lanan, Martha Gene	Kingston	AGR	HEcon	Jr		I	II
Landa, Philip	Chicago	LAS	PMed	Fr		I	II
Landau, Carol Felecia	Detroit, Mich.	LAS	Genl	Fr		I	II
Landau, Richard Harold, B.S.	Paterson, N.J.	DENT	Dent	3	S	I	II
Landers, Joan Naomi	Chicago	LAS	Genl	Fr		I	II
Landes, Richard Washington	Little Rock, Ark.	FAA	Mus	Fr		I	II
Landis, James William, B.S.	Olney	MED	Med	3	S	I	II

Landis, Patricia	Birmingham, Mich.	AGR	HEcon	So	I	II
Landis, Wilma Daisy	Urbana	AGR	HEcon	So	I	II
Landon, Carrie Alice	Jerseyville	EDUC	Genl	Sr	S	
Landon, Lois Maxine	Chicago	FAA	Art	Fr		II
Landreth, Russel	St. Joseph	ENG	EE	Sr		I
Lane, Barbara McGhee	Peoria	LAS	OccTher	Fr	S	I II
Lane, Clifford Earl	Kilbourne	LAS	Genl	Fr	S	
Lane, Henry Noel	Wood River	ENG	ME	Sr	S	
Lane, Mabel Sickman, B.Ed.	Carbondale	GRAD	Educ	EM		I II
Lane, Robert Ellsworth	Gadsden, Ala.	MED	Med	1	S	I II
Lane, Verner Lee	Herscher	ENG	CE	Fr	I	II
Lanferman, Paul Edward	Urbana	ENG	ME	Sr	S	
Lang, Eleanor Jane	Urbana	LAS	Genl	Fr		I II
Lang, Evelyn Dorothy	Chicago	LAS	Genl	Fr		I II
Lang, Julie Maris	Melrose, Mass.	LAS	Genl	Sr	S	
Langan, Jack Gibbons	Chicago	AGR	PFor	Fr		I II
Lange, Lester David, B.Ed.	Minonk	GRAD	Educ	EM		I
Langebartel, Ray Gartner, A.B., A.M.	Quincy	GRAD	Math	U		I II
Langenbahn, Carl R.	Springfield	PHARM	Pharm	4		I II
Langer, Seymour Sidney	Chicago	LAS	PMed	Fr		I II
Langhorst, Myron William, B.S.	Chicago Heights	AGR	Irr	S		I
Lanham, Lucian Preston, Jr.	LaFox	ENG	EE	Sr	S	I
Laning, Marguerite Elaine	Champaign	FAA	Mus	Fr		I II
Lanning, Lyle Edgar	Rockford	ENG	CE	Jr		I II
Lannon, Barbara Ann	Saunemin	LAS	Genl	Fr		I II
Lantz, Doris Dee	Shelbyville	LAS	Genl	So	S	I II
La Palombara, Joseph Guido	Chicago	LAS	PLaw	Fr		II
Lapham, Gladys Elva	Champaign	FAA	Mus	Jr	S	I II
Lapka, William Frank, B.S.	Cicero	DENT	Dent	4	S	I II
LaPlante, Harry Edward	Park Ridge	ENG	Genl	Fr	S	I
Lapporte, Allan	Chicago	LAS	PMed	Fr		II
Laraway, Robert Bigelow	Joliet	LAS	Genl	Sr	S	I II
Larned, Barbara	Chicago	LAS	Genl	Fr		II
LaRosa, Rafael, Agr.Engr.	Lima, Peru	GRAD	AnHusb	U	S	I II
Larsen, Arnold Lester	Chicago	ENG	ME	Fr	S	
Larsen, Doris May	Evanston	LAS	Genl	Fr		I II
Larson, Dale Carter	Galva	LAS	Genl	Sr	S	
Larson, Doris Eileen	Evanston	LAS	PJnl	So		I II
Larson, Irene Miriam, B.Ed.	Rockford	GRAD	Educ	EM		I
Larson, John Dale	Riverside	PE	PE	Fr		I
Larson, John Wallace	Sioux City, Iowa	COM	UD	Sr		I
Larson, Lillian Anna	Chicago	FAA	Art	Fr		II
Larson, Lois Mae	Sycamore	EDUC	Genl	Jr		I II
Larson, Lowell Gerald	Sycamore	LAS	PMed	Jr	S	I
Larson, Margaret Wehrly, B.S.	Kane	GRAD	Bact	U		I
Larson, Reinhold F., B.S., M.S.	Urbana	GRAD	ME	U		II
Larson, Ruth Evelyn	Sycamore	LAS	Genl	Jr		I II
Lashbrook, Orrin M., B.Ed., A.B.	Bardolph	GRAD	Educ	U	S	
Lasty, Marvin Irving, B.S.	Batavia	MED	Med	3	S	I II
Lason, Blanche	Chicago	LAS	Genl	Jr	S	
Lasota, Marvin Jack	Oak Lawn	AGR	Genl	Fr		I
Lasser, Shirley Marian	Chicago	LAS	Genl	So		I II
Last, Jules Hibert, B.S., Ph.D.	Chicago	MED	Med	3	S	I II
Lateer, Norris Vennum, Jr.	Paxton	LAS	Genl	Sr	S	
Latham, Darrell E., B.S.	Champaign	GRAD	PE	U	S	I II
Lattyak, Bernard Joseph	Chicago	ENG	ME	Sr	S	I
Lauchner, Jane Faye	Greenville	COM	LD	Fr		I II
Lauder, Harriet Chamberlin	Monmouth	LAS	Genl	Sr	S	I II
Lauer, Marilyn Wilma	Chicago	LAS	Genl	Jr		I II
Laughbaum, Anna Belle, A.B.	Pellston, Mich.	GRAD	Engl	U		I II
Laughlin, John Seth, A.B., M.S.	Salem, Ore.	GRAD	Physics	U	S	I II
Laughlin, Robert McClelland	Moweaqua	ENG	Genl	Fr		I II
Laukitis, Michael William, B.S.	Peoria	GRAD	Educ	EM		I
Laurence, Phyllis Marie	Armstrong	LAS	DGS	Jr		II
Lava, Irving Myron	Chicago	MED	Med	3	S	I II
Lavin, Maureen Dorothy	Chicago	AGR	Flor	Fr		II
Lavin, Priscilla Ferne	Champaign	LAS	Genl	Sr		I II
Lawhead, Margaret Elayne	Champaign	AGR	HEcon	Jr		I II
Lawrence, Freda Grace	Urbana	AGR	HEcon	Jr	S	
Lawrence, Madonna Ruth, A.B.	Champaign	GRAD	French	U	S	I II
Lawrence, Nathaniel Sylvan	Chicago	LAS	PMed	So	S	I II
Lawson, Darleen Broughton	Springfield	LAS	OccTher	So		I II
Lawson, Marjorie Miller, Ph.B.	Chicago	MED	Med	2	S	I II
Lawson, Robert Kermit, B.S.	Galva	GRAD	Agr	U	S	
Lawton, Lucy Maud, A.B., A.M.	Dixon	GRAD	Engl	U	S	
Lay, Marjorie Emma	Jacksonville, Fla.	LAS	Genl	Jr		I II
Layden, Mary Ellen	Hoopeston	EDUC	Genl	Sr		I II
Layne, Marjorie Ellen	Wilmette	LAS	DGS	Fr		I II
Lazerson, Harriett	Chicago	LAS	Genl	Fr		I II
Leach, Byron Elwood, B.S., M.S.	Champaign	GRAD	Chem	U	S	I
Leach, Eris Evelyn	Mansfield			Unc	S	
Leavitt, Arnold Harold, A.B., B.S.	Champaign	GRAD	Path	C	S	I II
Leavitt, Devera Gergette	Chicago	LAS	Genl	Jr		I II
Leavitt, Harriet June	Chicago	LAS	DGS	So		I II
Leavitt, Sheldon Joseph	Chicago	ENG	CE	Sr	S	
Lebduska, Robert Louis	Berwyn	ENG	Genl	So	S	

Leber, Sam	Peoria	LAS	Chem	Fr	S	I	II
Leberstein, Haskell Richard	Chicago	JNL	EJnl	Fr			II
LeBoeuf, Helen Mignonne	Kankakee	LAS	Genl	Fr			II
Lebow, Robert Charles	Chicago	LAS	PMed	Sr	S	I	
Lebow, Sanford	Chicago	ENG	CerE	Sr	S		
Lechman, Rose	Chicago	LAS	Genl	Fr			II
LeCount, Glenn Seymour	Georgetown	EDUC	Genl	Sr	S	I	
Ledderboge, Betty LaVerne	Elmwood Park	FAA	Art	Fr			II
Lederer, Frederick Emanuel	Chicago	LAS	PMed	Fr			II
Lederman, Harold Joseph	Chicago	LAS	Genl	Jr	S	I	
Ledyard, Walter William, A.B.	Rockford	MED	Med	2	S	I	II
Lee, Marjorie Evelyn, B.Mus.	Urbana	GRAD	Educ	U	S	S	I
Lee, Virginia Ann	Chicago	AGR	HEcon	Sr	S	I	
Leedy, Gladys Lucille	Chicago	COM	UD	Jr	S	I	II
Leefeldt, Margaret Leone	Oak Park	LAS	Genl	Fr			II
Leek, John Ries	Decatur	ENG	MinE	U			II
Lees, Ruby Roxane, A.B., A.M.	Champaign	GRAD	HEcon	U			II
Lefever, Eleanor Ann	Bement	AGR	HEcon	Fr			II
Legare, Robert J.	Chicago	DENT	Dent	4			II
Legate, Dorothy Jean	Grafton	AGR	HEcon	Sr	S	I	
Leggett, Edith Bernice	Grafton	AGR	HEcon	Sr	S	I	
Lehmman, Stella Jean	Urbana	FAA	Mus	So			II
Lehn, Margery Louise	Du Quoin	EDUC	Genl	Jr	S	I	II
Leichling, Melvyn	Brooklyn, N.Y.	LAS	PDent	Fr			II
Leigh, Fred Dunshoe, B.S.	Mt. Carroll	MED	Med	4			II
Leighly, Elisabeth Ann	Rantoul	LAS	Genl	So	S	I	II
Leinbaugh, Margaret Louise	Lewistown	LAS	Genl	Fr			II
Leiser, Adrienne Louise	Cullom	COM	LD	So			II
Leistner, Charley August	Covington, Ky.	ENG	CE	Fr	S	I	
Leiter, Eleanor Ruth, B.S.	Van Wert, Ohio	LIB	LibSci	1			II
Leitner, Gordon Frank	Chicago	ENG	ME	Sr			II
Leland, Natalie Mary	La Salle	EDUC	Engl	Sr	S	I	
Leman, Mary M.	Peoria	LAS	Genl	Jr			I
LeMarr, Samuel Ernest	Palmyra			Uncc	S		
Lembcke, Ruby Darlene	Harvard	AGR	HEcon	So			II
Lembke, Lillian Luanne	Mascoutah	LAS	Genl	So	S	I	II
Leming, Ada Mae	Cutler	AGR	HEcon	Jr	S	I	II
Lemke, Rose Miriam	Berkeley	LAS	PMed	So			II
Lemmon, Edgar Guy, Jr.	Pleasant Hill	LAS	Genl	Fr	S	I	II
Lempert, Gloria	Chicago	LAS	Genl	So			II
Leniper, Arthur Frederick	Millstadt	LAS	ChEng	Sr			I
Lenny, Norman King	East St. Louis	LAS	Genl	So	S	I	
Lenowitz, Arlene Isabelle	Maywood	LAS	Genl	So			II
Lent, Dorothy Pearce	Hoopeston	AGR	HEcon	Jr			II
Lenthart, Robert George	Champaign	LAS	Genl	Fr			II
Lentin, Barbara Ruth	Chicago	FAA	Art	Sr			I
Lentz, Otto Frederick	Wauwatosa, Wis.	FAA	Arch	Fr			II
Lenz, Evelyn Mildred	Long Point	LAS	Genl	Sr			II
Leon, Edward	Benton	LAS	Chem	Fr	S	I	
Leonaitis, Leonard Leo	Waukegan	LAS	ChEng	Sr	S	I	
Leonard, Cecelia, B.S., M.S.	Decatur	GRAD	Educ	EM			I
Leonard, Faith Irene	Harristown	AGR	HEcon	Sr	S	I	
Leonard, James Nick	Edwardsville	LAS	Genl	So			II
Leonard, Marion Charline	Kansas City, Mo.	LAS	Genl	Fr			II
Leonard, Morton Harry, B.S.	Chicago	MED	Med	4	S	I	
Leonard, Nelson Jordan	Mt. Vernon, N.Y.	FAA	Mus	Fr			II
Leonard, Patricia	Columbus, Ohio	LAS	Genl	Fr			II
Leone, Catherine Mary	Chicago	LAS	Genl	Fr			II
Leone, Louis Benjamin	Chicago	MED	Med	1	S	I	II
Leong, Norman	Chicago	ENG	Genl	Fr			II
Lepovitz, Helen Margaret	Madrid, Iowa	LAS	Genl	Fr			II
Leppla, Dolores Marie	Chicago	AGR	HEcon	Jr			II
Leppla, Dorothy Ann	Chicago	AGR	HEcon	Jr			II
Lerman, Martin Dale	Chicago	DENT	Dent	3	S	I	II
Lerman, Norman Albert	Chicago	LAS	Genl	Fr			II
Lerner, Harry Barney	Kewanee	MED	Med	3			II
Lerret, Paul Edward, B.S., A.B.	Champaign	GRAD	Math	U	S	I	II
Lersch, Marjorie Louise	Galesburg	LAW	Law	1			II
Iesar, Missouri Mabel	Urbana	EDUC	Genl	Jr	S	I	II
Lesher, Don Juan	Chicago	PE	PE	Fr			II
Leshin, Arthur Arnold	Brooklyn, N.Y.	ENG	Genl	So	S	I	II
Lesko, Frank Louis, A.B.	Westville	MED	Med	2	S	I	II
Lesser, Charlotte Mae	Moline	ENG	EE	Fr			II
Lester, Gladys Evangeline	Urbana	FAA	Mus	Sr	S	I	II
Levatina, Bernard	Chicago	MED	Med	1	S	I	II
Levey, Robert Alan	Chicago	LAS	PMed	Fr			II
Levin, Albert Fred	Chicago	DENT	Dent	2	S	I	II
Levin, Alice	Chicago	LAS	PDent	Fr			II
Levin, Annette Louise	Vandalia	LAS	Genl	Fr			II
Levin, Bert, B.S.	Chicago	MED	Med	3	S	I	II
Levin, Harry	Rochester, N.Y.	DENT	Dent	1	S	I	II
Levin, Lorraine	Michigan City, Ind.	LAS	Genl	Jr			II
Levin, Louis	Chicago	DENT	Dent	1	S	I	II
Levin, Mayta	Chicago	LAS	Genl	Fr			II
Levin, Milton Mike	Chicago	MED	Med	1	S	I	II
Levin, Norma Jane	Centralia	LAS	Genl	Fr			II

Levin, Richard Malcolm	Belleville	LAS	Genl	Fr		II
Levin, Rosalie Harriet	Waukegan	FAA	Art	Fr	I	II
Levin, Ruth Dolores	Chicago	LAS	Genl	Fr	I	II
Levine, Helen Saxon, A.B.	Champaign	GRAD	Bact	U	I	II
Levin, Herman S., B.S.	Erie, Pa.	GRAD	Chem	U		II
LeVine, Lawrence	Chicago	LAS	PMed	So	S	I II
Levine, Philip Aaron	Chicago	COM	LD	Fr	S	I II
Levine, Robert Stanley, A.B.	Chicago	MED	Med	1	S	I II
Levine, Sarabelle	Chicago	LAS	Genl	Fr	I	II
Levine, Seymour, B.S.	Chicago	GRAD	Bact	C	I	II
Levine, Seymour	Chicago	ENG	ME	So	S	I II
Levinsky, Harold	Brooklyn, N.Y.	FAA	Arch	Fr	S	I
Levinson, David Simon	Wood River	ENG	ME	Fr	S	I
Leviton, Herbert Joseph	Chicago	AGR	Genl	Fr		II
Levy, Alberta Arlyne	Chicago	FAA	Art	Fr	I	II
Levy, Burton B.	Chicago	LAS	PMed	So	S	I II
Levy, Doris Marie	Lima, Ohio	COM	LD	So	S	I II
Levy, George N., B.S.	Chicago	MED	Med	4	S	I
Levy, Jack Lee	Brooklyn, N.Y.	DENT	Dent	2	S	I II
Levy, Janet Louise	Laurelton, N.Y.	LAS	Genl	Fr		II
Levy, S. Donald	New York, N.Y.	COM	UD	Sr	S	I II
Lewis, Asle Kingsley, A.B., B.S.	Grand Forks, N.Dak.	MED	Med	3	S	I
Lewis, Burton David	Chicago	AGR	Genl	Fr	S	I II
Lewis, Cameron David, A.B.	Urbana	GRAD	Chem	U	S	I II
Lewis, Carol	La Grange	ENG	EPhy	Jr	I	II
Lewis, Charlotte Winifred	Joliet	FAA	Art	So	I	
Lewis, Dorothy Catherine George	Chicago	LAS	Genl	Sr	S	
Lewis, Helen Simon	Chicago	LAS	Sr	Sr	I	
Lewis, Isabelle Ann	Benton	AGR	HEcon	Sr	I	II
Lewis, John Oliver	Danville	ENG	CE	Jr	S	
Lewis, John Wilson, A.B., A.M.	Champaign	GRAD	Engl	U	I	II
Lewis, Lorabelle	Champaign	LAS	Genl	Jr	S	I II
Lewis, Margaret Ann	Harrisburg	EDUC	Genl	Sr	S	I II
Lewis, Mary Barbara	Hinsdale	LAS	PLaw	So	I	II
Lewis, Philip Howard	Lawrenceville	LAS	PLaw	Fr	S	
Lewis, Rexford G.	Sibley	COM	UD	Sr	I	II
Lewis, Ruth Lorena	Ashland	LAS	Genl	So	I	II
Lewis, Ruth McGaw	Hersman	FAA	Art	Fr	I	II
Li, Lien-Chick, B.S., M.S.	Chungking, China	GRAD	Agron	U	S	
Libert, Sam Antoine	Chicago	LAS	PMed	So	I	II
Libman, Audrey Ann	Champaign	AGR	HEcon	Fr	I	
Lichtenstein, Irving Caleb	Chicago	LAS	Chem	Fr	I	II
Lichterman, Howard Jay	Detroit, Mich.	COM	LD	Fr	S	
Lichtman, William Frank, A.B.	Chicago	MED	Med	1	S	I II
Liddle, Gladys	Mt. Carmel	FAA	Art	Fr	I	II
Lideen, Betty Joan	Champaign	FAA	Art	Fr	I	II
Liden, Lillian Margaruita	Villa Park	LAS	Genl	Jr	I	II
Lieber, Frank Mautner	Chicago	ENG	EE	Fr	S	I II
Lieberman, Gloria Shirley	Momence	LAS	Genl	So	I	II
Lieberman, Howard Leslie	Chicago	MED	Med	1	S	I II
Lieberman, Lawrence	Chicago	LAS	Chem	Fr	I	II
Liebling, Wilbert	Chicago	LAS	PMed	So	S	I
Liebner, Edwin Joseph	Chicago	MED	Med	1	S	I II
Liederman, Meta	Chicago	LAS	PMed	Fr	I	II
Lierman, Pauline Ann	Champaign	COM	LD	Fr	S	I II
Lies, Donald Michael, B.S.	Aurora	DENT	Dent	3	S	I II
Lietz, Gerald Sylvane, B.S.	Bellwood	MED	Med	3	S	I II
Lifschutz, Ira Morton	Chicago	JNL	Jnl	Sr	I	
Lifschutz, Sherman Parker, B.S.	Chicago	DENT	Dent	3	S	I II
Lifshitz, Myron	Chicago	ENG	ChEng	Jr	S	I II
Ligon, Mary S., B.S.	Champaign	GRAD	HEcon	U	I	
Lill, Patricia Amy, B.Ed.	Mascoutah	GRAD	Educ	EM	I	II
Limbach, Bruno von, B.S., M.S.	Urbana	GRAD	Zool	U	S	I II
Limber, Alva Paul	Bloomington	ENG	EE	Fr	I	II
Limper, Arthur Frederick	Millstadt	LAS	ChEng	Sr	S	
Lin, Margaret HieDing, A.B., A.M., M.D.	Chicago	GRAD	Surg	C	I	
Lin, Ta Mei, B.S.	Nanchung, China	GRAD	Econ	U	S	I II
Lincicome, James Roger	Urbana	ENG	Genl	Fr	S	
Lindahl, Elbert Lee, B.S.	Crystal Lake	MED	Med	2	S	I II
Lindauer, Maurice William	Millstadt	ENG	Genl	Fr	S	
Lindberg, Anne Katherine	Champaign	ENG	ME	Jr	I	II
Lindblade, Victor Yngve, B.S.	Chicago	MED	Med	4	S	I II
Linder, Solomon Leon	Bayonne, N.J.	LAS	Genl	Fr	I	II
Lindgren, Leroy P.	Lanyon, Iowa	MED	Med	2	S	I II
Lindquist, William C.	University Heights, Ohio	COM	LD	Fr	I	II
Lindsay, Josephine Janell	Harrisburg	FAA	Mus	Fr	I	II
Lindsay, Mildred Kathryn	Lexington	LAS	Genl	So	I	II
Lindsley, Jane Gertrude	Chicago	LAS	Genl	Fr	I	II
Link, Albert Francis	Springfield	ENG	ME	Sr	I	II
Link, Robert Paul	Springfield	ENG	ME	Sr	S	I
Linsley, Sara Ellen	Little Rock, Ark.	JNL	EJnl	Fr	I	
Lipe, Kathryn Jean	Homewood	LAS	Genl	Fr	I	II
Lipkin, Elaine Ruth	Chicago	LAS	Genl	So	I	II
Lipman, Donna Audrey	Chicago	LAS	Genl	So	I	

Lipoff, Charlotte Faye	Port Arthur, Tex.	EDUC	Genl	Jr	I	II
Lippert, Virginia Merle	Chicago	LAS	Genl	Fr	I	II
Lippitz, Ivan	Chicago	LAS	PMed	Fr	S	I II
Lippman, Ruth Ellen	San Antonio, Tex.	JNL	Jnl	Jr	I	II
Lipscomb, Robert D., B.S., M.S.	Urbana	GRAD	Chem	U	S	I II
Lipsker, Lorayne Blanche	Chicago	LAS	Genl	Sr	I	II
Liskar, Oscar Marshall	Chicago	DENT	Dent	2	S	I II
Lisowski, Henry	Greenwich, Conn.	ENG	ME	Jr	I	
Lister, Franklin M.	Savanna	ENG	ME	Sr	S	I
Lite, Theodore	Brooklyn, N.Y.	DENT	Dent	2	S	I II
Lithgow, William Carroll, B.S.	Elmhurst	MED	Med	2	S	I II
Little, Ellis B., A.B.	Chicago	GRAD	Zool	U	S	
Little, Esther Gail	Farmer City	LAS	Genl	Fr	I	II
Little, Madge Linke, A.B.	Urbana	GRAD	HEcon	U	S	
Little, Margaret Isabel, A.B.	Newton, Iowa	LIB	LibSci	1	S	
Little, Marguerite, B.Ed.	Paris	GRAD	Engl	U	S	
Little, Mary Jane	Toledo, Ohio	LAS	Genl	So	I	II
Little, Norma Ruth	Kewanee	COM	LD	Fr	S	I II
Little, Wallace Irwin	Kewanee	COM	UD	Sr	I	II
Littlefoge, Hamilton Sterling, B.S., M.S.	Potomac	GRAD	Educ	U	S	
Littlemeyer, Mary Helen	Metropolis	LAS	DGS	Fr	I	II
Littler, John Robert	Urbana	LAW	Law	1	S	I II
Littman, Armand, B.S.	Chicago	MED	Med	4	S	I
Litwiller, Howard Dale	Champaign	ENG	Genl	Fr	S	I
Litwiller, Otto Bryan, B.S., D.D.S.	Hopedale	GRAD	OralSurg	C	S	I
Lively, Gladys Margaret, A.B.	Kansas	LIB	LibSci	1	S	I
Livesay, Elizabeth Ann	Elgin	LAS	Genl	Jr	I	II
Livesay, George Roger	Elgin	ENG	EPhy	Jr	S	I
Livesay, Naomi Mary	Elgin			Unc	I	
Llewellyn, David William	Belleville	LAS	Genl	Sr	S	I II
Llewellyn, Lucia Brooks	La Grange	LAS	Genl	Sr	S	I II
Lloyd, Helen Rachel, B.Ed.	Atkinson	LIB	LibSci	1	S	I
Lloyd, Lowell Thomas	Oak Park	ENG	ME	Sr	S	I
Lloyd, Robert LeRoy	Maywood	ENG	EE	Sr	I	
Lobel, Vivian	Chicago	LAS	Genl	So	I	II
LoBianco, Tony Alex	Chicago	ENG	ME	Fr	S	I
Locke, Flora	Chicago	LAS	Genl	Sr	S	I II
Locke, Marcia Saree	Chicago	LAS	Genl	Sr	S	I II
Lockhart, Brooke Javins, A.B., M.S.	Champaign	GRAD	Math	U	S	I
Lockhart, Haines Boots, A.B.	Crawfordsville, Ind.	GRAD	Chem	U	S	I II
Lockhart, Helen Mae	Villa Grove	LAS	Genl	So	I	II
Lockhart, Mary Elizabeth	Marengo			Unc	S	I
Lockie, Patricia Ann	Berwyn	LAS	Genl	So	I	II
Lockridge, Mary Howard	Marshfield, Mo.			Unc	S	I
Lodge, James Piatt, Jr.	Monticello	LAS	Chem	So	S	I II
Loeb, Ada	Lawrenceville	LAS	Genl	So	S	I II
Loeb, June Ruby	Chicago	LAS	Genl	Fr	I	
Loeb, Marvin Phillip	Chicago	LAS	Chem	Fr	I	II
Loesch, Harry John	Chicago	ENG	EE	Sr	S	
Loew, Chimmont Christian, A.B., A.M.	Lebanon	GRAD	Educ	EM	I	
Loewen, Elizabeth Ann	Chicago	AGR	HEcon	Fr	I	II
Lofthus, Irene Garnet	Roseville	AGR	HEcon	Jr	I	II
Lofthus, Marjorie Florine	Roseville	AGR	HEcon	So	I	II
Lofgren, Eric Paul, A.B.	Rockford	MED	Med	3	S	I II
Lofgren, Marilyn Mae	Chicago	LAS	Genl	So	I	II
Lofthouse, Fred Richard	Springfield	ENG	ME	So	S	I II
Logan, Jack McEwen	Charleston	ENG	CE	Sr	I	II
Logsdon, Georgann	Carmi	FAA	Art	Fr	I	II
Lohmann, Elizabeth Pusey, A.B.	Urbana	FAA	Art	Irr	I	II
Lohmann, Karl Baptiste, Jr.	Urbana	LAS	Genl	Fr	S	I
Lokke, Margaret Jean, A.B., B.S.	Western Springs	GRAD	LibSci	U	I	II
Lolli, Diva Mary	Chicago	PHARM	Pharm	3	S	I II
Lomberg, Florence, B.S.	Chicago	GRAD	Bact	C	S	I II
Long, Bernita J., A.B.	Lewistown	LAS	Genl	Irr	S	I II
Long, Burt Elmer, B.S.	Chicago	MED	Med	4	S	I
Long, Daisy Elnora, B.S.	Alton	GRAD	Educ	EM	I	II
Long, Frank Wesley	Springfield	LAS	Chem	Fr	I	II
Long, John Sterry	Pontiac	MED	Med	2	S	I II
Longman, Beryle Keith, B.S.	Pontiac	GRAD	Educ	EM	I	II
Loomis, Eleanor Genevieve	Chicago	FAA	Mus	Fr	I	II
Lopez, Delia Rodriguez, Agr.Engr.	Gonterideo, Uruguay	GRAD	Hort	U	I	II
Lopinat, Paul Leonard	Columbia	ENG	CE	So	S	I II
Lorant, Bernard Harold	Chicago	LAS	Chem	Sr	S	
Lorenz, Julian Scott, B.S.	Washington, D.C.	MED	Med	2	S	I II
Lorenz, Marjorie Emily	Champaign	LAS	PMed	Sr	I	II
Lorenz, Rita Catherine	Oak Park	FAA	Art	So	I	
Lorton, Eloise Virginia	Decatur	LAS	Genl	Sr	I	II
Loseff, S. Herbert	Chicago	MED	Med	2	S	I II
Looser, Arla Lorraine, A.B.	Deer Creek	LIB	LibSci	1	S	I II
Losuvalna, Jaroch, B.S.	Washington, D.C.	GRAD	Math	U	S	
Lothrop, James Denny	Evanston	FAA	Arch	Sr	S	
Lotz, June Ruth	Evanston	LAS	Genl	Fr	I	II
Loucius, Edward Anthony, B.S.	Chicago	MED	Med	1	S	I II
Love, Mahlon Lloyd	Altona	ENG	ME	So	I	II
Lovejoy, John Stewart	Chicago	PE	PE	Fr	I	II

Lovell, Harry Donald, B.Ed., A.M.	Urbana	GRAD	Educ	U	S	I	II
Loveless, David Stove	Wheaton	LAS	Genl	Fr	S	I	
Loveless, Ruth Alverna	Englewood, N.J.	COM	LD	So		I	II
Lovendahl, Jean Marion	Barrington	LAS	Genl	So		I	II
Loverde, Salvatore Joseph, B.S.	Chicago	GRAD	PE	U		I	II
Loveridge, Marilee June	Peoria	LAS	Genl	Fr		I	II
Low, Raymond Eugene	Vandalia	COM	LD	Fr		I	II
Lowe, Dorothy Joy, A.B.	Mitchell, S.Dak.	LIB	LibSci	1	S	I	II
Lowe, Joan	Logansport, Ind.	AGR	HEcon	1	Fr		II
Lowell, Virginia Maud, A.B., A.M.	Urbana	GRAD	Engl	U	S	I	II
Lowry, Carmelita	Champaign	LAS	Genl	U	Sr	S	II
Lowry, Earl William	Quincy	MED	Med	1	S	I	II
Lowry, Elizabeth Jane	West Chicago	FAA	Mus	1	Sr		II
Lowry, Luther Leo, B.S.	Urbana	GRAD	Physics	U	S	I	II
Lowry, Margaret Ruth	West Chicago	FAA	Mus	Jr		I	II
Lu, Eva J. C.	Peiping, Chiina	AGR	HEcon	Jr		I	II
Lubejko, Ramona Marie	Chicago	LAS	Genl	U		I	II
Lucas, Gray, B.S.	Blacksburg, Va.	GRAD	Chem	U		I	II
Lucas, Herbert Joseph	Chicago	ENG	CE	Fr		I	II
Lucas, Laura Lucile, B.Ed.	Timewell	GRAD	Educ	EM		I	II
Lucas, Marilyn N.	Chicago	LAS	Genl	Fr		I	II
Luce, Emerald Ardella	Tolono	EDUC	Genl	Jr	S		
Lucenko, Lucia Joan	Chicago	LAS	Genl	Fr		I	
Lucht, Theodore Henry August	St. Louis, Mo.	LAS	Chem	Fr		I	II
Luck, Alfred Emery	Washington, D.C.	LAS	Genl	Fr		I	II
Luck, David Terry	Washington, D.C.	LAS	Genl	Fr	S	I	II
Luck, Robena Etta, B.S., M.S.	Washington, D.C.	GRAD	Bact	U		I	II
Ludington, Ralph Seymour, B.Chem., Ch.E.	Holley, N.Y.	GRAD	Chem	U	S	I	
Ludwick, Claude Harry, B.S.	Onarga	GRAD	SocSci	U	S		
Lukens, Eleanor Ann	Winnetka	LAS	Genl	So		I	II
Lukman, Genevieve Carolyn	Kenosha, Wis.	LAS	Genl	Sr	S		
Lummis, Frank Max, A.B., A.M.	Quincy	GRAD	Latin	U	S	I	II
Lumpkin, John Gibson, Jr., M.S.	Chicago	MED	Med	2	S	I	II
Lundgren, Arthur Carl	Evanston	ENG	ME	Jr	S		
Lundmark, Shirley Jean	Harvey	LAS	Genl	Jr		I	II
Lundquist, Carol Dale	Chicago	AGR	HEcon	Jr		I	
Lundsten, Leslie Charlton, A.B., B.S.	Williams, Minn.	MED	Med	Jr	S	I	II
Lupien, Jenice	Muskegon Heights, Mich.	LAS	Genl	Fr		I	
Lupo, Paula Jean	Chicago	PHARM	Pharm	1	S	I	
Luptak, Robert	Chicago	COM	UD	Jr		S	II
Lurain, John Robert, Jr.	Chicago	MED	Med	1	S	I	II
Luria, Harold Jack, B.S.	Plattsburg, N.Y.	DENT	Dent	4	S	I	II
Lurie, Pierre Charles	Chicago	LAS	Genl	Sr	S	I	
Lustig, Joanne Lois	Rockford	AGR	HEcon	Fr		I	II
Luther, Kathryn Louise	Champaign	LAS	Genl	Sr		I	II
Luther, Roderick Jean	Spring Valley	COM	UD	Jr	S	I	II
Lutz, Sherwin Jack	Chicago	LAS	Genl	So	S	I	
Lux, Fred Edwin	Bement	ENG	EE	Jr		I	II
Luza, James Joseph	Berwyn	ENG	ME	Sr	S		
Lydolph, Martha Newcomb	Mt. Sterling, Iowa	LAS	Genl	So		I	II
Lyford, Ruth Holmes	Galva	FAA	Art	Sr	S	I	
Lyle, Betty Jane	Canton	EDUC	Art	Sr	S	I	
Lyman, Helen Elizabeth	Niantic	LAS	Genl	Jr		I	
Lyman, Homer Cornelius, Jr., B.S.	Niantic	MED	Med	2	S	I	II
Lyman, Robert Beall	Niantic	ENG	Genl	Fr		I	II
Lyman, William Alfred	Chicago	ENG	ME	Fr		I	II
Lynch, Eugene Darrel, B.S.	Georgetown	GRAD	Cer	U		I	II
Lynch, Goah Abe	Milford	LAS	ChEng	Fr		I	II
Lynch, Walden Bernard	Urbana	LAS	Genl	So	S	I	
Lynn, Florence June	Calumet City	LAS	DGS	Fr		I	II
Lynn, Mary Katharine	Rockford	AGR	HEcon	So		I	II
Lynn, William David	Granite City	LAS	Germ	Jr	S	I	
Lyon, Ruth Eloise	Altona	AGR	HEcon	So		I	II
Lyons, Alice Bessie, B.S.	Champaign	GRAD	Educ	U		I	II
Lyons, Harriet Annie	Zeigler	EDUC	Genl	Sr	S		
Lyons, James Edward	Piper City	ENG	EE	So	S	I	
Maack, Myrle Evelyn	Chicago	LAS	Genl	Fr		I	II
Mabel, Dorothy	De Kalb	LAS	Genl	So		I	II
Macaluso, Carmelo Paul, B.S.	Rock Island	PHARM	Pharm	1	S	I	
Macchoine, Rudy James	Chicago	COM	LD	Fr		I	II
MacCormack, Joseph, B.S.	Galesburg	GRAD	Educ	U	S		
MacDonald, James Edward	Christopher	ENG	ME	Fr	S		
MacDonald, Mary Jane	Springfield	LAS	Genl	So		I	II
MacGregor, James E., B.Ed.	Flanagan	GRAD	Educ	U	S		
MacKenzie, Scott, Jr., B.S.	St. Louis, Mo.	GRAD	Chem	U	S	I	II
Mackey, Madeline Jean	Waukegan	LAS	Genl	So		I	II
Macklin, Loretta Ann	Moweaqua	LAS	Genl	Fr		I	
MacMillan, Elizabeth Aston	Peoria	LAS	Genl	Jr		I	II
MacNeal, Robert Bruce	Chicago	ENG	ME	Jr		I	II
MacRae, Kenneth Donald	Portland, Ore.	LAS	Genl	Fr	S		
Macy, Calvin William	Joliet	LAS	CE	Sr	S	I	
Macy, Joanne Louise	Ann Arbor, Mich.	LAS	OccTher	Unc		I	II
Madden, George William	Decatur	COM	LD	Fr		I	
Maddox, James Robert, B.S., A.M.	Decatur	GRAD	Econ	U	S	I	II
Maddox, William Ernest	Orland Park	AGR	Genl	Fr		I	

Maddy, Donald	Rochester, N.Y.	DENT	Dent	2	S	I	II
Maderer, Carolyn Jane	Hampshire	AGR	HEcon	Jr		I	II
Madison, Lillian Gwendolyn	Chicago	LAS	Genl	Fr		I	II
Madison, Mary M., B.S.	Peoria	LAS	Genl	Irr		I	II
Madsen, Lanius W., B.S., M.Ed.	Quincy	GRAD	Educ	EM		I	II
Madsen, Shirley Virginia	Rockford	FAA	Art	Sr		I	II
Maggard, Gene Ralph	Chicago	ENG	ME	Jr	S		
Magill, Hubert Clifton, A.B., B.S.	Decatur	MED	Med	4	S	I	
Magill, Lewis Malcolm, A.B., A.M.	Champaign	GRAD	Engl	U		I	II
Magner, Eugene William	Chicago	LAS	Genl	So		I	II
Magnusson, Loren Albert	Quincy	EDUC	Genl	Sr	S		
Magnusson, Lucille Ingrid	Chicago	PE	PE	Fr		I	II
Maier, Frank Thomas, B.S., M.S., Ph.D.	Beardstown	MED	Med	1	S	I	
Maier, Goldie Ernestine	Payson	LAS	Genl	So		I	II
Maimon, Arthur Currie	Oak Park	LAS	PMed	So	S	I	
Maine, Grace Elizabeth du, A.B.	St. Louis, Mo.	GRAD	Educ	U	S		
Maisner, Edna A., A.B.	New York, N.Y.	GRAD	Psychol	U		I	II
Majors, Anna Marie Hughes	Champaign	LAS	Genl	Sr		I	II
Malinoff, Joyce Winifred	Detroit, Mich.	LAS	Genl	Fr		I	II
Mallams, June, B.Ed.	Anna	GRAD	Educ	EM		I	II
Malo, Albert Henry, A.B., A.M.	Riverton	GRAD	Educ	U	S		
Malone, Anthony John, B.S.	Chicago	DENT	Dent	1	S	I	II
Malone, Helen Scott	Chrisman	LAS	Genl	Sr		S	
Mammen, William Ernest, B.S.	Danvers	MED	Med	3	S	I	II
Manby, Margaret Alma	Oak Park	AGR	HEcon	Sr	S	I	II
Mandel, Nadine Elaine	Chicago	LAS	Genl	Sr		I	II
Mandel, Seymour Lee, B.S.	Chicago	PHARM	Pharm	3	S	I	II
Manker, Warren Bert	Manteno	ENG	ME	Sr		I	II
Mann, Barbara Jeanne	Hoopeston	EDUC	Genl	Jr	S	I	II
Mann, Dorothy A., B.S.	Alton	GRAD	Educ	EM		I	II
Mann, Elizabeth Kerivan, A.B.	Chester	GRAD	Educ	EM	S	I	II
Mann, Mona Ray	Kankakee	LAS	OccTher	Fr		I	II
Manning, Wilmer Ray, B.Ed.	Urbana	GRAD	Chem	U	S	I	
Manos, Perry James	Chicago	LAS	Genl	Jr		S	
Manougian, Armen Robert	Elgin	LAS	Genl	Jr		S	
Manring, Ralph Clarence	Belleville	LAS	Genl	Fr		I	II
Manthey, Raymond Frederick, Jr.	Cicero	ENG	EE	Jr		I	II
Mapes, Mariella	Ogden	FAA	Mus	Jr		I	II
Marans, Gordon J.	Utica, N.Y.	DENT	Dent	4	S	I	II
Marcoff, Lillian	Chicago	COM	LD	So		I	
Marcus, Beatrice Ann	Maywood	LAS	Genl	So		I	II
Marcus, Muriel Sonja	Chicago	LAS	DGS	So		I	II
Marcus, Sameus H.	Chicago	LAS	PDent	Fr	S	I	
Marfori, Ricardo Taningco, B.Agr., B.S.A., M.S.	Manila, P.I.	GRAD	Agron	U	S	I	II
Margaretten, Phyllis Meryl	Perth Amboy, N.J.	LAS	Chem	Jr		I	II
Margolis, Gerald Irwin	Chicago	ENG	Genl	Fr		I	II
Marino, John Joseph, B.S.	Chicago	MED	Med	4	S	I	
Markel, Betty	Buffalo, N.Y.	LAS	Jr	Jr		I	II
Markley, Anne Ethelyn, A.B., A.B.	Tulsa, Okla.	GRAD	LibSci	U		I	II
Markovitz, Jack Marvin	Chicago	LAS	PMed	Sr	S	I	
Marks, Myra	Harvey	LAS	Genl	Sr		I	II
Marks, Sally	Chicago	LAS	Genl	Fr		I	II
Marks, Stanley Russell	Roxbury, Mass.	LAS	PMed	Fr		S	
Marks, Thomas Spencer	Chicago	MED	Med	1	S	I	II
Markus, Florence Tegmeies, B.Ed.	Belleville	GRAD	Educ	EM		I	II
Marlow, Jo Charlotte	Pine Bluff, Ark.	AGR	HEcon	Fr		I	II
Marma, Anthony Leonard	Benton	LAS	Genl	Fr		S	
Marquis, Chester DuBois	Bloomington	ENG	ME	Sr	S	I	II
Marry, Ethel Helena, B.Ed.	Galesburg	GRAD	Educ	U	S		
Marschak, Rosanne Joy	Chicago	JNL	EJnl	Fr		I	II
Marshall, Earl Floyd	Chicago	LAS	Genl	Jr		I	
Marshall, John	Bolton, Lancaster, England	MED	Med	3		I	
Marshall, Mildred Nicholson	Toulon	LAS	Genl	Fr	S		
Marshall, Robert Irwin	Chicago	ENG	Genl	Fr		I	II
Marston, Oliver Talmage, B.Ed.	Ellisville	GRAD	Educ	EM		I	II
Martel, Maximiliano R.	East Moline	ENG	ME	Jr		I	II
Martin, Albert Charles, A.B.	Chicago Heights	MED	Med	3	S	I	II
Martin, Anne Theresa	W. Palm Beach, Fla.	LAS	Genl	Jr		S	II
Martin, Barbara Ann	Champaign	LAS	Genl	Sr	S		
Martin, Bernard Vincent	Walpole, Mass.	LAS	PLaw	So		I	II
Martin, Betty Veronica	Chicago	LAS	PMed	Fr		I	II
Martin, Dana Greer	Glencoe	ENG	ME	Fr		I	II
Martin, Dorothy Elaine, A.B.	Springfield, Mo.	GRAD	Chem	U		I	II
Martin, Mary Josephine	Mason City	EDUC	Genl	Jr		I	II
Martin, Mildred Bernice	Monticello	AGR	HEcon	So		I	II
Martinec, Vlasta Mildred	Berwyn	JNL	Jnl	Sr		I	II
Martinek, Jaroslav, B.S.	Chicago	MED	Med	2	S	I	II
Martins, James Kristian, B.S.	Chicago	MED	Med	3	S	I	II
Martinucci, August	Cherry	MED	Med	2	S	I	II
Martyn, Renée Lois	Chicago	LAS	PMed	Fr		I	II
Martz, Luther Edward, B.S.	Shelbyville	AGR	Genl	Irr		I	II
Maruszezak, Renee	Chicago	LAS	Genl	So		I	II
Marvell, Elliot Nelson, B.S.	New Bedford, Mass.	GRAD	Chem	U		I	II
Marvin, Isabelle Buckland	Oak Park	JNL	Jnl	Sr	S	I	II

Marx, Joseph	Chicago	LAS	PMed	Jr	S	I
Marx, Rosaline	Chicago	LAS	Genl	So	S	
Marx, Vivian Marjorie	West Chicago	LAS	Genl	Jr	S	I II
Marzullo, William Vito	Chicago	LAS	Genl	Fr	S	
Mason, Alfred Barr, B.S.	Oak Park	MED	Med	4	S	I
Mason, Arnold Caverly, B.S.	Urbana	GRAD	Geol	U	S	
Mason, Gerald William, Jr.	Zion	AGR	Genl	So	S	I
Mason, Helen Elaine, B.Ed.	Springfield	GRAD	Educ	EM	S	
Mason, Jack, A.B., B.S.	Chicago	MED	Med	4	S	I
Massey, Mary Alvina	Peoria	LAS	Genl	Jr	S	I II
Massler, Maury, B.S., D.D.S., M.S.	New York, N.Y.	GRAD	Pediat	C	S	I
Massonari, Karl Louis, A.B., A.M.	Mahomet	GRAD	Educ	U	S	I II
Mast, Helen Street	Owosso, Mich.	FAA	Mus	Jr	S	I II
Mastores, Nicholas Peter, B.S.	Chicago	MED	Med	4	S	I
Matesich, Charles Osman	Chicago	LAS	Genl	So	S	I
Matheson, Marjorie Louise	Chicago	LAS	Genl	Sr	S	I II
Mathews, Betty Jane	Sparta	LAS	Genl	Jr	S	I II
Mathewson, Jane Eleanor	Chicago	LAS	Genl	Fr	S	I II
Mathewson, Raymond Glenn, A.B.	Greenville	MED	Med	3	S	I II
Mathieu, Elaine Anna	Berwyn	PE	AgEcon	Sr	S	I II
Mathis, Anthony G., B.S.	Rockford	GRAD	PE	U	S	I II
Mathis, Howard Michel	Chicago	COM	UD	Sr	S	I
Mathy, Leonard George, A.B., A.M.	Chicago	GRAD	Econ	U	S	I II
Matlavish, Richard Thomas, B.S.	Chicago	MED	Med	2	S	I II
Matlin, Sam	Chicago	MED	Med	1	S	I II
Matson, Howard T.	Waukegan	ENG	ME	Jr	S	I II
Mattern, John Arthur, B.S., M.S.	Wauseon, Ohio	GRAD	Chem	U	S	I II
Mattes, Robert Boris	Chicago	DENT	Dent	1	S	I II
Matteson, Constance June	West Union	LAS	Genl	Sr	S	I II
Matthews, Eleanor Frances, A.B., B.S.	Princeville	GRAD	LibSci	U	S	I II
Matthys, Lesley R., B.S.	Chicago	GRAD	Bot	U	S	
Matthys, Loris Ruth	Chicago	LAS	Genl	Jr	S	I II
Mattice, Dorothy J.	Peoria	AGR	HEcon	Sr	S	I II
Mattson, Barbara Ann	Flossmoor	AGR	HEcon	Jr	S	S
Mattson, William Earl	Flossmoor	ENG	Genl	Fr	S	S
Mauck, Inez Louise, B.Ed.	Danville	GRAD	Educ	U	S	I II
Mauk, Mary Ellen	Martinsville	COM	UD	Sr	S	I II
Maulding, Ruth	McLeansboro	LAS	Genl	So	S	I II
Maun, Eugene Kingery	Urbana	LAS	CE	So	S	I II
Mauney, Virginia Ruth	Normal	COM	LD	So	S	I II
Maurer, George Frederick	Virginia	EDUC	Genl	Sr	S	S
Maurer, Glen Earl	Danvers	AGR	Genl	Fr	S	S
Maurer, Jesse John, B.Ed.	Danvers	GRAD	Educ	U	S	
Maurice, Maloff, B.S., A.M.	Chicago	GRAD	InEdu	EM	S	I
Maushak, Mary Adeline	Marengo	COM	LD	So	S	I II
Mauterer, Roger John	Belleville	LAS	ChEng	Fr	S	I II
Mautner, Henry Morton	Chicago	ENG	ME	Fr	S	I II
Max, Herbert J., B.S., M.S.	Rockford	GRAD	Educ	EM	S	I
Maxey, Homer Albert, B.S., M.S.	Westfield	GRAD	Educ	EM	S	I
Maxwell, Betty Carolyn	St. Elmo	COM	LD	Fr	S	I II
May, Dorothy Helen	Chicago	ENG	EE	So	S	I
May, Marcella Catherine, B.Ed.	Springfield	GRAD	Educ	EM	S	I II
May, Nancy Edith	Evanston	LAS	Genl	Jr	S	I II
May, Patricia Jeane	Chicago	FAA	Art	Fr	S	I II
Mayer, Peter Stewart	Chicago	LAS	PMed	Jr	S	I
Mayhew, Harry Walter	Springfield	LAS	Chem	Fr	S	I II
Mayhew, Mary Elizabeth	Springfield	FAA	Mus	So	S	I II
Mayland, Bertrand Jesse, B.S., M.S.	Champaign	GRAD	Chem	U	S	
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	2	S	I II
Mazzara, Giovanna, B.Ed.	Marion	GRAD	Educ	U	S	
Mazzia, Gloria Mitchell	Brooklyn, N.Y.	LAS	Genl	Jr	S	I II
Mazzucco, Victor Boman	Lockport	ENG	CE	Fr	S	I
McArtor, Dorothy Alice	Newberry, Ind.	LAS	Genl	Sr	S	I II
McBain, Philip Henry	Hazel Crest	ENG	Genl	Fr	S	I
McBain, Robert George	Hazel Crest	ENG	ME	Fr	S	I
McBride, John Alexander, A.B., M.S.	Urbana	GRAD	Chem	U	S	I II
McBride, Mary Lillian Ludwig	Fithian	LAS	Genl	Fr	S	I
McBride, Ralph, B.Ed., A.M.	Urbana	GRAD	Educ	U	S	I
McBroom, Edward Andrew	Kankakee	COM	LD	Fr	S	I
McCain, Hadley Dewey, B.Ed., A.M.	Grayville	GRAD	Educ	U	S	I II
McCall, Luella, B.Ed.	Carbondale	GRAD	Educ	EM	S	I
McCarthy, Margaret Mary	Oak Park	LAS	PMed	Fr	S	I II
McCarthy, Reta	Chicago	COM	LD	Fr	S	I II
McCarty, Eloise	Chenoa	AGR	HEcon	Sr	S	I II
McCaskey, Larry	Springfield	COM	LD	Fr	S	I II
McCaughey, Sarah Ellen	Danville	COM	LD	Fr	S	I II
McClain, Frank William	Chicago	ENG	Genl	Fr	S	
McClanathan, Donald Eugene, B.S.	Sterling	MED	Med	3	S	I II
McCleary, Juanita Lucille	Mansfield	LAS	Genl	Fr	S	I II
McClellan, Don Seeley, B.Ed., M.S.	Macomb	MED	Med	1	S	I II
McClernon, Francis Michael	Streator	COM	UD	Sr	S	I
McClintock, Robert Warren	River Forest	FAA	Art	So	S	I
McClung, Lorraine Bilhorn	Champaign	FAA	Art	Fr	S	I II
McClure, Gordon Wallace	Oak Park	ENG	Genl	Sr	S	I

McClure, Mary Jean	Urbana	LAS	Genl	So	I	
McCollister, Lucy Carol	White Hall	LAS	Genl	Fr	I	II
McCollum, Doris Jeanne	Benton	FAA	Arch	Fr	S	
McCollum, Louis Edward	Cairo	ENG	ME	Jr		II
McCollum, Vashiti Cromwell	Champaign	LAS	Genl	Sr	I	II
McComas, Beverly Joy	Rock Island	LAS	Genl	Fr	I	
McConnell, Edna	Springfield	EDUC	Genl	EM		II
McConnell, Gilbert Dale	West Salem	JNL	Jnl	Sr	S	I II
McConnell, Grace Irene	Racine, Wis.	LAS	DGS	Fr	I	II
McConnell, Jane Evans	Woodstock	LAS	Genl	Fr	I	II
McConnell, Paul Everett	Cowden	AGR	PFor	Sr	S	
McConnell, William Robert	Glen Ellyn	LAS	Chem	Fr	I	II
McCord, Viola Bee	Chicago	LAS	PJnl	Fr	I	II
McCormick, Kathryn	Cicero	LAS	PJnl	Fr	I	II
McCoy, Winnifred	Mooseheart	LAS	Genl	So	I	
McCrary, Charlotte M.	Litchfield	AGR	HEcon	Jr	S	I II
McCrary, Myrtle Catherine	Maywood	LAS	Genl	Fr	I	II
McCreary, Charles Henry	Oak Park	ENG	ME	Jr	S	I II
McCree, Walton Alexander, B.S.	Springfield	GRAD	Educ	EM	I	II
McCreery, Paul Walker	Benton	ENG	ME	Fr	S	I
McCright, Louis Ralph	Zion	ENG	CerE	Sr	S	I
McCrimmon, Jean Burford	Colchester	JNL	Jnl	Jr	I	II
McCullough, Jack Carter	Aurora	LAS	PLaw	So	I	II
McCullough, James Clark, Ph.B.	North Fond du Lac, Wis.	MED	Med	4	S	I II
McCutcheon, Loretta Mae	Springfield	EDUC	Genl	Jr	I	II
McDaniel, Edwin Bailey, B.S.	Chicago	MED	Med	4	S	I II
McDaniel, Oscar Dudley, Jr.	Urbana	ENG	CE	Sr	I	II
McDonald, Anna Jean	Newman	LAS	Genl	Fr	I	II
McDonald, Barbara Jane	Rockford	EDUC	Genl	Sr	S	I
McDonald, Denver W., B.Ed.	Mt. Vernon	GRAD	Educ	U	S	
McDonald, Ethel Raynor	Chicago	LAS	Genl	Sr	I	II
McDonald, Irmundine Nierhous	Waterloo	EDUC	Genl	Jr	S	I II
McDougall, Edward Joseph, Jr.	Chicago	LAS	ChEng	Fr	S	I II
McDogle, Mary Elizabeth	Urbana	LAS	PJnl	Fr	I	II
McDogle, Mary Virginia, A.B., A.M.	Urbana	GRAD	Educ	U	I	II
McElhanev, Eleanor June	Chicago	PHARM	Pharm	3	S	I II
McElheny, Donald Joseph	Rockford	LAS	Genl	Fr	S	I II
McElhinney, John, B.S., M.S.	Urbana	GRAD	Physics	U	S	I II
McElroy, Donald L., D.D.S.	Chicago	GRAD	DentTher	C	S	I II
McElroy, William Edward	Champaign	COM	LD	Fr	I	II
McElvain, Jacquelin Dell	Morris	LAS	Genl	Fr	I	II
McFarlane, Peter Joseph, B.S.	Alton	MED	Med	2	S	I II
McGann, Kenneth Francis	Peoria	ENG	CE	Fr	I	II
McGinnis, Maxine	Dixon	LAS	Genl	So	I	II
McGorrick, Dorothy Harriet	Cranston, R.I.	LAS	HEcon	Jr	I	II
McGovern, Edward Francis	Terre Haute, Ind.	LAS	Genl	So	I	
McGovern, Jeanne Kadyk	Chicago	COM	LD	So	I	II
McGowan, Mabel Porter, B.Ed.	Carbondale	GRAD	Educ	EM	I	
McGowan, Patricia Ann, B.S.	Danville	EDUC	Genl	Irr	I	II
McGrath, Catherine, A.B., A.M.	Wilmington	GRAD	U	S		
McGrew, Jane Tuttle	Detroit, Mich.	FAA	Art	Jr	I	II
McHatten, Vivian La Jeanne	Colfax	LAS	Genl	So	I	II
McIntire, James Dean	Buchanan, Mich.	PE	PE	Fr	I	II
McJilton, James Earl, B.S.	Muncie, Ind.	GRAD	Hort	U	I	II
McKay, Shirley Jean	Chicago	AGR	HEcon	Jr	I	II
McKean, Juanita Frances	Fairmount	AGR	HEcon	Fr	I	II
McKee, Helen Imogene	Champaign	PE	PE	Fr	S	I
McKemie, Carmelita Garrigus	Benton	LAS	Genl	Fr	I	II
McKenzie, Betty, A.B., B.Soc.Adm.	Monticello	GRAD	SocAdm	U	I	II
McKenzie, Albert Donald, B.Ed.	Alton	GRAD	Educ	EM	I	II
McKenzie, Gordon Davidson, B.S.	Pekin	GRAD	PE	EM	I	II
McKinney, Doris Jewell	Cadiz, Ohio	FAA	Mus	Sr	I	II
McKinney, Joan Grace	Urbana	LAS	Genl	Fr	I	II
McKinney, Myrtle, A.B.	St. Louis, Mo.	GRAD	Educ	EM	S	I II
McKinstry, Barbara Jean	Clarendon Hills	LAS	Genl	Fr	I	II
McKinzie, John Francis	Bloomington	COM	LD	Fr	S	I
McKnelly, Dorothy Rhodes	Louisville				Unc	
McKnelly, Oren Henry, B.S.	Xenia	GRAD	Educ	EM	S	I II
McKnight, Esther Pearl	Phoenix, Ariz.	LAS	Genl	Sr	S	I
McKnight, Robert Henry	Oblong	COM	LD	Fr	I	
McKusick, Blaine Chasc, B.S.	Minneapolis, Minn.	GRAD	Chem	U	S	I II
McLaughlin, Dean Edwin, A.B.	Centralia	MED	Med	1	S	I II
McLaughlin, Florence Esther, A.B., B.S.	Salem	GRAD	Educ	U	S	I II
McLaughlin, John Richard	Chatham	MED	Med	1	S	I II
McLean, Donald Rowena	Wheaton	LAS	Genl	Jr	I	II
McLeod, Carmeta Ann	Evanston	JNL	EJnl	Fr	I	II
McMahon, Phyllis Marie	Western Springs	LAS	Genl	Jr	I	II
McMahon, Shirley Louise	Waukegan	LAS	Genl	Fr	I	II
McManus, Charles Edward	West Frankfort	COM	LD	Fr	S	
McManus, Eugene Francis	West Frankfort	COM	UD	Jr	I	II
McManus, Margaret Clare, B.Ed.	Toulon	GRAD	Educ	U	I	II
McMaster, Doris Hayes	Oneida	AGR	HEcon	Sr	I	II
McMaster, Robert Glen	Monmouth	ENG	AgEng	Sr	I	II
McMillan, Kathryn R.	Atwater	LAS	Genl	So	I	II
McMillan, Mary	South Standard	LAS	Genl	So	I	II

McMurray, Wilbern, B.Ed.	Carmi	GRAD	Educ	U	S	
McMurry, Evelyn Mae	Champaign	LAS	Genl	So		I II
McNabb, James Willard	La Grange	ENG	Genl	Fr		I II
McNamee, Lois Jean	Danville	FAA	Art	Jr		I II
McNeil, Patricia Agnes	Chicago	LAS	Genl	Sr		I II
McNeil, William James	Rock Island	FAA	Arch	Sr		I II
McNeile, Margaret, B.Ed.	Mound City	GRAD	Educ	U		
McNeilly, Gordon Chester, B.S.	Utica	MED	Med	U		I II
McPheeters, Grace Arabelle	Urbana	COM	UD	Sr		I II
McPheeters, Martha Louise	Urbana	LAS	Genl	Fr		I II
McPheeters, Mary Esther	Urbana	LAS	Genl	Fr		I II
McPherson, James Beverley, Jr., A.B., M.S.	Urbana	GRAD	Chem	U		
McQuaid, Mary Catherine	Champaign	AGR	HEcon	Sr		I II
McRae, Gloria Louise	Evanston	COM	LD	Fr		I II
McSherry, Patricia	Herrin	LAS	Genl	Jr		I II
McTaggart, Mary Dee, B.S.	Chicago	GRAD	PoiSci	EM		I II
McVeigh, William Leslie	Chicago	AGR	ChEng	Sr		I II
McVey, Charles Bernard	Monmouth	LAS	EE	Fr		S I
McVey, Robert Bannatyne	Des Plaines	ENG	EE	Fr		I II
McWhorter, June	Champaign	AGR	HEcon	Sr		
Meador, Wayland Dean	Patoka	ENG	EPhy	U		
Meadows, Edna Leone, A.B.	Urbana	GRAD	Bot	U		
Meadows, Howard Ash, Jr.	Elgin	ENG	CE	Fr		I II
Meagher, Betty Lee	West Frankfort	LAS	Genl	Sr		S I
Means, John William	Shumway	LAS	PMed	Fr		I
Meatheringham, Roath Ellsworth, A.B.	Camp Point	MED	Med	3		I II
Mechlin, Ruth Evangeline	Minneapolis, Minn.	LAS	Genl	Fr		
Mecorney, John Walter, B.S.	Urbana	GRAD	Chem	U		I II
Medal, Martha Ann	Industry	AGR	HEcon	So		I II
Medal, Richard James	Chicago	ENG	EE	So		S I
Medendorp, June Mary	Chicago	COM	UD	Sr		I II
Medendorp, Ruth Louise	Wellington	LAS	Genl	So		I
Medus, Glen E., B.Ed., A.M.	Canton	GRAD	Educ	EM		I II
Meek, Elizabeth Blair	Chicago	LAS	Genl	Fr		I II
Meek, Hazel Attebery, A.B.	East St. Louis	GRAD	Educ	EM		I
Meek, John Sawyer, A.B.	Madison, Wis.	GRAD	Chem	U		I II
Meek, Marilyn	Carrollton	LAS	Genl	Jr		I II
Meek, Paul H., B.Ed.	Campbell Hill	GRAD	Educ	EM		S I
Meeker, Ruth Janette, A.B.	Sibley	GRAD	HEcon	U		I II
Meents, Wayne Franklin	Ashkum	LAS	Genl	So		I II
Meers, June Marian	Bloomington	LAS	Genl	So		I II
Meers, Lannie Beck	Cropsey	AGR	Fr	Fr		I II
Meginnis, Sara Courtwright	Champaign	LAS	OccTher	Fr		I II
Mehler, Wilma Lee	Hutsonville	EDUC	Engl	Jr		S
Mehren, Jane von	Hibbing, Minn.	ENG	Genl	Sr		I II
Meinken, Frederick Thiers	Keansburg, N.J.	ENG	EPhy	Fr		I
Meinkoth, Marian Richards, B.Ed., A.M.	Champaign	GRAD	CE	U		S I
Meinkoth, Norman August, B.Ed.	Champaign	GRAD	Zool	U		S I
Meisenheimer, William Edmund	Alton	MED	Med	1		S I
Meisler, Irwin Maurice	Chicago	LAS	PMed	Jr		S I
Meisner, Donald Franklin, A.B., M.S.	Urbana	GRAD	Chem	U		S I
Melamed, Jack Leon	Chicago	LAS	PMed	Fr		I II
Melamed, Myron	Chicago	MED	Med	2		S I
Melamed, Sidney, B.S., M.S.	Urbana	GRAD	Chem	U		S I
Melamed, Vera Friedman, A.B.	Urbana	LAS	Genl	1rr		I
Meletsis, George James	Chicago	PHARM	Pharm	1		I II
Melichar, William Joseph, B.S.	Berwyn	DENT	Dent	4		S I
Melin, Jane	Springfield	COM	UD	Jr		S
Melin, Marguerite	Cambridge	JNL	Jnl	Sr		I II
Mellish, Edward	Seattle, Wash.	FAA	LArch	Fr		I II
Melnick, Allen D.	Chicago	PE	PE	Sr		S
Melody, Marilyn Elizabeth	Tuscola	LAS	Genl	Fr		I II
Meltzer, Robert Israll, B.S., M.S.	Urbana	GRAD	Chem	U		S
Mendelowitz, Samuel	Brooklyn, N.Y.	LAS	PMed	Jr		S
Mendelson, Helyne	Chicago	FAA	Art	Fr		I
Mendelson, Warren Guy	Chicago	ENG	EE	Fr		S I
Mendendorp, Ruth Louise	Wellington	LAS	Genl	So		I II
Mendenhall, L. Herbert, A.B.	East St. Louis	GRAD	Educ	EM		I II
Mendez, Erasmo, Jr., B.S.	Panama City, Republic of Panama	GRAD	CE	U		S
Menefee, Sherman G., B.S., M.S.	Champaign	GRAD	DHusb	U		S I
Menkes, Maxine Ruth	Newark, N.J.	JNL	Jnl	Sr		I II
Menn, Ralph	Chicago	LAS	PDent	Fr		I II
Menzel, Alberta Carol	Homewood	LAS	Genl	Sr		I II
Mera, John Joseph	Rockford	LAS	PDent	Jr		S I
Mercer, Margaret Esther, B.S., M.S.	Centralia	GRAD	Engl	U		S
Mercer, Herman Josiah, B.S.	Peoria	GRAD	Engl	EM		S I
Merchant, Esther, A.B.	Sterling	GRAD	Span	EM		S I
Mercker, Andrew M., A.B.	Quincy	GRAD	InEduc	EM		S I
Meredith, Robert James	Elburn	ENG	ME	Sr		S
Merkin, Albert Charles	Chicago	LAS	PMed	Jr		S I
Merowitz, Alvin Saul, A.B.	Chicago	MED	Med	2		S I
Merowitz, Burton Seymour	Chicago	DENT	Dent	2		S I
Merrifield, Jean	Urbana	LAS	Genl	Fr		I II
Merrill, Marjory Anne, A.B.	Des Plaines	GRAD	Physiol	U		I II
Merritt, Edward George	Chicago	MED	Med	2		S I

Meserve, Alice Lee	Robinson	LAS	Genl	Jr	I	II
Meserve, Samuel Arthur	Humboldt	LAS	ChEng	So	S	
Messenger, Helen Ludlow, A.B.	Urbana			Irr	S	
Messenger, Martha	Hinsdale	LAS	Genl	Sr	S	I
Messer, Kathryn June, B.Ed.	Lexington	GRAD	Educ	U	S	
Messer, William Dennis	Rockford	ENG	EPhy	Fr	S	
Messerly, Elizabeth B., A.B.	Bloomington	GRAD	Educ	EM	S	I
Meszaros, William Thompson	Chicago	MED	Med	2	S	I II
Metcalfe, Wilma Fay	Du Quoin	EDUC	Genl	Sr	S	
Metz, Helen Hart, A.B.	Elmwood	GRAD	Educ	EM	I	II
Metz, Lillian Marie	Elmwood Park	LAS	Genl	Jr	I	II
Metzger, Robert J.	Cerro Gordo	AGR	Genl	Fr	I	
Metzger, Roberta Eloise	Shobonier	LAS	Genl	Fr	I	II
Metzger, William, B.S.	Canton	GRAD	Educ	EM	S	
Metzger, William Irwin, B.S., M.S.	West Lafayette, Ind.	GRAD	Bact.	C	S	I II
Metzler, Doris Jean	Champaign	LAS	Genl	Jr	S	I II
Metzmaker, Charles Otto	Oak Park	MED	Med	1	S	I II
Meurisse, Mitzi Dorothy	Chicago	LAS	Genl	Fr	I	II
Meves, Walter Faber	Urbana	ENG	Genl	Fr	I	
Meyer, Donald Eddy	Lake Villa	PHARM	Pharm	2	S	I II
Meyer, Eleanor Margaretha	Joliet	LAS	Genl	Jr	S	I II
Meyer, Esther, Ph.G., B.S., M.S.	Chicago	GRAD	Bact.	C	S	I II
Meyer, Ida Mae	Mattoon	COM	UD	Jr	I	II
Meyer, Marjorie Jean	Greeley, Colo.	LAS	Genl	Sr	I	II
Meyer, Mary Jane	Chicago	LAS	Genl	So	S	I
Meyer, Melvin Herman	Maywood	LAS	ChEng	Sr	S	I
Meyer, Morgan M.	Aurora	LAS	PMed	Fr	S	I II
Meyer, Pauline Marie	Tallula	LAS	Genl	Fr	S	I II
Meyer, Robert Edwin	Crecent City	AGR	Genl	Fr	S	I II
Meyer, Willard Carl	Chicago	MED	Med	2	S	I II
Meyer, William Henry, B.S.	Decatur	GRAD	AnHusb	U	I	II
Michael, Marjorie Lois	Toledo, Ohio	FAA	Art	Fr	I	II
Michael, Nellie Maxine	Robinson	LAS	DGS	Fr	I	II
Michael, William Alexander, Jr.	Peoria	ENG	EPhy	So	S	I II
Michaels, Henry Martin	Chicago	MED	Med	1	S	I II
Michaels, Leonore	Rockaway, N.Y.	AGR	HEcon	Fr	I	II
Michel, Marvella	Richmond Heights, Mo.	FAA	Mus	Sr	S	I II
Michels, Eva Mabel, A.B.	Albion	GRAD	Latin	Sr	S	I II
Micon, Arnold Michael	Chicago	LAS	Chem	Fr	S	I II
Middleton, Betty Ann Hill	Urbana	LAS	Genl	Sr	S	I
Middleton, James Robert	El Dorado, Ark.	ENG	EE	Jr	S	I
Middleton, Margaret Reese	Gibson City	LAW	Law	2	S	I II
Mites, Dorothy Ann	Pontiac	AGR	HEcon	Jr	S	I II
Miteschke, Lorraine Margaret	Chicago	PE	PE	Jr	S	I II
Miesenhelder, Patricia	Robinson	LAS	Genl	Sr	S	I II
Miethe, Meta Jane	Danville	LAS	PMed	Fr	S	I II
Mikolas, Donald Glen	Oak Park	MED	Med	3	S	I II
Mikuta, Charles Frank, Jr.	Chicago	ENG	Educ	Fr	S	I II
Milcezny, Ruth Josephine, B.S.	Chicago	GRAD	Educ	EM	S	I II
Milder, Phyllis Studna	Omaha, Nebr.	LAS	Genl	Fr	I	II
Miles, Alice Ann	Savanna	AGR	HEcon	Fr	I	II
Miles, Elsa Virginia	Urbana	LAS	Genl	Fr	I	II
Milfeld, Gloria Mary	De Soto, Mo.	LAS	Genl	Jr	I	II
Milford, James Jahue, Jr.	Chicago	PHARM	Pharm	2	S	I II
Millard, Sarah Margaret	Danville	LAS	Genl	Sr	I	II
Miller, Arnold	Chicago	COM	LD	Fr	I	II
Miller, Bernard	Chicago	LAS	PMed	Fr	S	I II
Miller, Bernard Stephen, Jr.	Chicago	LAS	ChEng	Fr	S	I
Miller, Celeste Rae	Nameoki	LAS	Genl	So	S	I
Miller, Emery Bernlee	Des Plaines	LAS	Chem	Fr	S	I
Miller, Gwendolyn Gloria	Danville	LAS	Genl	Jr	I	II
Miller, Harriet	Urbana	LAS	DGS	Fr	I	II
Miller, Helen Dean	Chicago	CHM	Jnl	Jr	I	II
Miller, Irving Charles	Chicago	DENT	Dent	1	S	I II
Miller, Joanyr Emily, A.B.	Chicago	GRAD	Zool	U	S	I II
Miller, Joe Ted	Taylorville	GRAD	Zool	U	S	I II
Miller, John Keith	Urbana	LAS	PJnl	Fr	S	I
Miller, Joseph Arthur	Chicago	PHARM	Pharm	4	S	I II
Miller, June	Springfield	ENG	ME	Sr	I	II
Miller, Leroy Joshua, B.S.	Chicago	LAS	Genl	Fr	I	II
Miller, Louise	Baltimore, Md.	MED	Med	3	S	I II
Miller, Maxine	Brocton	LAS	Genl	Fr	I	II
Miller, Melba Alice	Lewistown	LAS	Genl	Sr	I	II
Miller, Mildred Jean	Sidell	LAS	Genl	So	S	I II
Miller, Milton J.	Olney	LAS	Genl	Fr	I	II
Miller, Miriam Florence	Highland, Ind.	MED	Med	2	S	I II
Miller, Patricia Ann	Chicago	LAS	Genl	So	I	
Miller, Richard Jasper	Kincaid	JNL	Jnl	Jr	S	I II
Miller, Ruth Ellen	Taylorville	LAS	PMed	Sr	S	I
Miller, Ruth Virginia	Barrington	FAA	Art	So	S	I II
Miller, Shirley Alene	Staunton	LAS	Genl	Sr	S	I
Miller, Sonia, A.B.	Chicago	LAS	Genl	Fr	I	
Miller, William Martin	Streator	GRAD	Engl	U	I	
Miller, Wylmarose	Kewanee	LAS	Chem	Jr	S	I II
Milleville, Vernice Marilyn	Decatur	LAS	Genl	So	I	II
	Champaign	LAS	Genl	Sr	S	I

Milligan, Charity Lamont	Berwyn	LAS	Genl	Jr	I	II
Milliken, Dorothy M.	Princeton	LAS	OccTher	Fr	S	I II
Mills, Charles George, Ph.B.	Chicago	GRAD	Educ	EM	I	
Mills, Elizabeth R., B.S., M.S.	Champaign	GRAD	HEcon	U	S	I II
Mills, Jack, A.B.	Champaign	GRAD	Chem	U	S	I II
Mills, Jeanne	Streator	LAS	DGS	Fr	I	
Mills, Margaret Isabel	Palestine	FAA	Mus	Sr	I	II
Mills, Mary Lou	Lawrenceville	LAS	Genl	Sr	I	II
Mills, Thomas William	Chicago	ENG	EE	Fr	I	II
Millsap, Ruby Antoniette	Newton	LAS	Genl	Fr	I	II
Milone, Walter, B.Ed., A.M.	Olney	GRAD	Educ	U	S	
Milos, Robert Joseph	Chicago	MED	Med	2	S	I II
Mims, John Henry	Chicago	LAS	Genl	Jr	I	II
Minard, David Lee	Urbana	LAS	Genl	So	I	II
Mindell, Harold B., A.B.	Aurora	MED	Med	3	S	I II
Miner, Arthur Esmond	Chicago	FAA	Arch	Jr	S	I II
Miner, Neva Lucille	Champaign	FAA	Mus	So	I	II
Miner, Sarah Avice, B.Mus., M.S.	Decatur	GRAD	MusEd	U	S	
Minkus, Siena	Chicago	LAS	Genl	So	I	II
Minn, Howard Wilbur	Chicago	LAS	Genl	Jr	S	
Minner, Marshall Allan	Rock Island	LAS	PMed	So	S	I
Minnis, Rose Marie	Glen Ellyn	FAA	Mus	Fr	I	II
Minor, Anne Elizabeth, B.S.	Metropolis	GRAD	Math	U	S	
Minor, Charles Maxwell	Robinson	ENG	EE	So	S	I
Minor, Robert Samuel	Berwyn	LAS	Genl	Fr	S	I
Minto, Lura Jean	Antioch	AGR	HEcon	Fr	I	II
Mintum, Jeanne Anne	Monticello	LAS	Genl	Fr	I	II
Mintz, Ezra B.	Chicago	ENG	ME	So	S	I
Mintz, Helen Marilyn	Chicago	LAS	Genl	Fr	I	II
Mintzer, Herman	Chicago	DENT	Dent	1	S	I II
Miroballi, Daniel Peter	Chicago	ENG	ME	Fr	I	
Mitchel, Helen Elizabeth	Charleston	COM	LD	Fr	I	II
Mitchell, Glo Rose, B.Ed.	Cropsey	GRAD	Engl	U	S	
Mitchell, Hilbert Hurricane	Harvey	PE	PE	Fr	I	II
Mitchell, Mary Ellen	Zion	LAS	Genl	So	I	II
Mitchell, Morris, Jr.	Chicago	LAS	PLaw	Fr	I	II
Mitchell, Philip Carter	Chicago	ENG	ME	Sr	I	II
Mitchell, William David, B.S., C.E.	Champaign	GRAD	CE	U	I	II
Mitchell, William Robert	Chicago	LAS	Genl	Fr	S	
Miyamasu, Edward Tokeo	Honolulu, Hawaii	FAA	Arch	Sr	I	II
Mizenberg, Edward, B.S.	Chicago	MED	Med	4	S	I
Mizialko, John	Chicago	COM	LD	Fr	I	II
Moberg, Carl Harold	Rockford	LAS	Genl	Jr	S	I
Moberly, Helen Jane	Hammond	AGR	HEcon	Fr	I	II
Mobley, Josephine	Kennett, Mo.	EDUC	Genl	Sr	S	I
Mobley, Noah Feilding	Kennett, Mo.	ENG	Genl	Fr	I	
Mock, Forrest Glen, B.Ed.	Roxana	GRAD	Educ	EM	I	II
Mockert, Phyllis Sue	Bloomington	FAA	Art	Fr	I	II
Modglin, Norman Thomas	Grantsburg	AGR	Genl	Fr	I	II
Modjeska, Eugene Francis	Peoria Heights	LAS	Genl	Sr	S	I
Moehle, Winifred	Chicago	LAS	Genl	Fr	I	II
Moery, Margaret Louise	Bement	EDUC	Genl	Jr	S	I II
Moffat, Robert Andrew, Jr.	Sparta	COM	UD	Sr	S	I
Moffet, David Robb	Monmouth	LAS	PMed	Fr	S	I II
Mohan, Richard Alband	Streator	COM	UD	Sr	U	
Mojonnier, Doris Rose	Oak Park	LAS	Genl	Jr	S	I II
Molay, Arthur Frank	Chicago	DENT	Dent	1	S	I II
Molden, Charles Arthur, A.B.	Troy	MED	Med	2	S	I II
Mollenhauer, William Siepker	Quincy	ENG	CE	So	S	I II
Moller, Carl Albert	Elmwood Park	LAS	ChEng	So	S	I
Mollet, Martha Elizabeth	Greenville	AGR	HEcon	Fr	I	II
Molloy, Joseph Emmet	Chicago	MED	Med	2	S	I II
Moltz, Leah	Chicago	AGR	HEcon	So	I	II
Molyneaux, Mathias Glenn	Chicago	MED	Med	2	S	I II
Monahan, Betty Agnes	Glen Ellyn	LAS	Genl	Jr	I	II
Monahan, John William, B.S.	Boston, Mass.	MED	Med	1	S	I II
Monger, Mary Elizabeth	Tuscola	LAS	Genl	Fr	I	II
Monger, June Harper Goble	Urbana	LAS	Hist	Sr	S	I
Moninger, John P.	Chicago	ENG	MetE	Sr	S	I II
Monitz, Norman Nathan, B.S.	Chicago	GRAD	Zool	U	S	I
Monnier, John Edward	Warsaw	AGR	Genl	Jr	I	II
Monroe, Jean Marion	Chicago	AGR	HEcon	Fr	I	II
Monroe, Lois Ruth	Reddick	AGR	HEcon	Fr	I	II
Monroe, William	Marion	LAS	PMed	Fr	I	
Monson, Hattie Diemer, B.Ed.	Jacksonville	GRAD	Educ	EM	I	II
Montague, Elmer Anthony	Chicago	LAS	Genl	So	I	II
Moody, Barbara Susanne	Decatur	LAS	DGS	Fr	I	II
Moon, Ida Marie	Galesburg	EDUC	Genl	Sr	S	
Mooney, Richard Daniel	Champaign	PE	PE	Fr	I	
Moore, Beatrice May	Danville	LAS	Genl	Jr	I	
Moore, Buren H., B.Ed.	West Point	GRAD	Educ	EM	I	II
Moore, Deborah Cole	Chicago	AGR	HEcon	Sr	S	
Moore, Ermina Gertrude, A.B.	Bloomington	LIB	LibScd	1	S	
Moore, Frances May, B.Ed.	Percy	GRAD	Educ	U	S	
Moore, Geoffrey Ransom, B.S.	Carbondale	GRAD	Educ	EM	I	

Moore, Harold W., A.B., Ph.M.	Rockford	GRAD	Educ	EM	I	II
Moore, Helen Josephine, A.B., A.B., A.M.	St. Louis, Mo.	GRAD	Math	U	S	II
Moore, Howard Bradford	Monticello	ENG	CE	Fr	S	S
Moore, Irene, B.S.	Flat Rock	LIB	LibSci	1	S	S
Moore, John Robert	North Chicago	ENG	CE	So	S	
Moore, Margaret	Corvallis, Ore.	FAA	Art	Fr	I	II
Moore, Mary Marjorie Scott	Connerville, Ind.	LAS	Genl	Sr	S	I II
Moore, Nancy Holeyton	Chicago	AGR	HEcon	Fr	S	I II
Moore, Raymond G.	Champaign	ENG	CerE	Sr	S	I II
Moore, Robert Allen	Berwyn	LAS	Genl	Fr	S	S
Moore, Thomas Stephen	Chicago	MED	Med	1	S	I II
Moore, Winston O.	Memphis, Tenn.	PHARM	Pharm	2	S	I
Moorshead, Dorothea Pearl	Villa Park	LAS	OccTher	Jr	I	II
Moots, Mary Ann	Clinton	LAS	Genl	Fr	I	II
Moran, Patricia Jean	Depue	FAA	Art	Fr	I	II
Moran, Richard Thomas	Chicago	ENG	EPhy	Sr	I	
Moran, Sarah Margaret, A.B.	Goodland	LIB	LibSci	1	S	
Moraw, Doris Jean	Park Ridge	LAS	Genl	Jr	I	II
Mordue, Martha Irene	Glen Ellyn	LAS	Genl	Jr	I	II
Morello, Gladys Isabelle	Marseilles	LAS	Genl	So	S	I II
Morello, Mary Rose	Marseilles	EDUC	Genl	Sr	S	I II
Mores, Clara Joan, A.B.	Joliet	LIB	LibSci	1	S	
Moretto, Nelly Amalia	Rosario, Argentina, S.A.	FAA	Mus	Fr	I	II
Moretto, Oreste, C.E.	Buenos Aires, Argentina, S.A.	GRAD	Eng	U	I	II
Morf, Theodore Ferdinand, B.S.	Springfield	GRAD	Educ	EM	I	II
Morgan, Dorothy Ann	Rossville	AGR	HEcon	Fr	I	II
Morgan, Marjorie Jane	Crystal Lake	LAS	Genl	Jr	S	I II
Morgan, Robert Dean	Marion	LAS	PMed	So	S	I
Morgan, Sylvia	Urbana	FAA	Mus	So	S	I II
Morgan, Teresita Dillon, A.B.	Danville	GRAD	Educ	U	S	
Morgan, William Richard	Danville	ENG	EE	Fr	S	I
Morgenstein, Bernice	Chicago	COM	LD	Fr	I	II
Morgenstern, Helen M.	Du Quoin	PE	PE	Jr	I	II
Morkovin, Dmitry, M.B.A., B.S., M.E.	Champaign	GRAD	TAM	U	I	II
Morphew, Charles Edward, B.Ed.	Normal	GRAD	Educ	EM	I	II
Moroney, Genevieve Helen Marie, A.B.	Des Moines, Iowa	LIB	LibSci	1	S	
Morrill, Charles Cleon, D.V.M., M.S.	Urbana	GRAD	AnHusb	U	I	II
Morris, Flo Nell	Altamont	FAA	Art	Jr	S	I II
Morris, Glen Max	Detroit, Mich.	ENG	ME	Fr	I	
Morris, Junius Hugh	Tonica	EDUC	Genl	Sr	S	
Morris, Kathryn Harriet	Chicago	LAS	Genl	Fr	I	
Morris, Lee Mishler, B.S., M.S.	Rantoul	GRAD	Educ	U	S	
Morris, Martha Adelaide Meier, B.S.	Lostant	EDUC	Mus	Sr	S	
Morris, Richard Eugene	Macon	ENG	AgEng	Sr	S	I II
Morris, Ruth Sonya	Chicago	LAS	Genl	Fr	I	II
Morris, Vivian Julia	Alton	EDUC	Genl	Sr	S	I
Morrison, Esther A., A.B.	Bloomington	LIB	LibSci	1	S	
Morrison, JakLynn Annetta	Lisbon	LAS	Genl	So	I	II
Morrison, Robert Warren	Mahomet	LAW	Law	2	S	I
Morrison, Sherman W., Ph.G., Ph.C., B.S., M.S.	Oak Park	GRAD	Pharmacol	C	S	I II
Morros, Joseph Leonard, B.S.	Chicago	DENT	Dent	4	S	I II
Morrow, George William, Jr.	Kankakee	LAS	PMed	Fr	S	I II
Mortensen, Betty Louise, A.B.	River Grove	GRAD	Entom	U	S	
Mortenson, Elizabeth Marie	Chicago	AGR	HEcon	Fr	I	II
Morton, Ira Lifschultz	Chicago	JNL	Jnl	Sr	I	II
Morton, Robert Earl	Elgin	PE	PE	Fr	I	II
Mosberg, Robert John	Lockport	ENG	CE	Jr	I	II
Moscowitz, Sylvia	University City, Mo.	LAS	Genl	So	I	
Moser, Charlys June	Chebanse	FAA	Mus	Fr	I	II
Moser, Joane	Chicago	LAS	Genl	Fr	I	II
Moses, Carol Josephine	Chicago	LAS	Chem	Fr	I	
Mosgrove, Pearl, B.S.	Monticello	GRAD	Geog	U	S	I II
Moshein, Jack	Pontiac	MED	Med	1	S	I II
Moskov, Morton	Rochester, N.Y.	LAS	Genl	Jr	I	II
Moskovitz, Marvin	Chicago	LAS	PMed	So	S	I
Mosley, Edward Reynold	Chicago	LAS	Genl	So	S	I
Mosley, Geraldine Dolores	East St. Louis	LAS	Genl	Fr	I	
Moss, Chester Fred, B.Ed.	Christopher	GRAD	Educ	EM	I	II
Moss, Pearl Orene	McLeansboro	AGR	HEcon	Jr	S	I II
Moss, Vera Louise	Winchester	LAS	Genl	Jr	S	I II
Moss, Woodrow Glen, A.B., M.S.	Wichita, Kans.	GRAD	Physiol	C	S	I
Motel, Sally Adeline	Chicago	LAS	Genl	Fr	I	II
Mouritsen, Thorvald Edgar	Waukegan	ENG	Genl	Fr	I	II
Moy, Grant Gay, B.S.	Chicago	MED	Med	4	S	I
Moye, Blanche Lorene, B.Ed.	Omaha	GRAD	Educ	U	I	II
Moyer, Donald Carlyle, B.S.	Chicago	GRAD	InEduc	EM	I	
Moyers, Helen Louise	Sycamore	AGR	HEcon	Fr	I	II
Mravec, Betty Michael	Chicago	LAS	DGS	Fr	I	II
Mrazek, Rudolph George, Jr., A.B.	Chicago	MED	Med	3	S	I II
Muehe, Charles Christopher	Chicago	MED	Med	2	S	I II
Muehrke, Marie Hycinth	Chicago	LAS	Genl	Fr	I	II
Mueller, Allan George	Taylor Ridge	AGR	Genl	Jr	I	II

Mueller, Bernice Margaret	Waterloo	AGR	HEcon	So	I	II
Mueller, Carl Freeman	Evanston	ENG	CE	Sr	I	II
Mueller, Charlotte Evelyn	Dixon	LAS	Genl	Fr	S	II
Mueller, Erwin Ferdinand, Jr.	Elgin	ENG	CE	Sr	S	
Mueller, George Peter, B.S., M.S.	Lincoln, Nebr.	GRAD	Chem	U	S	
Mueller, Helen Marie, A.B.	Waterloo	GRAD	Bact	U	S	II
Mueller, Irene Dorinda	Chicago			Unc	S	
Mueller, Lorraine Edith	Chicago	PE	PE	Fr	I	
Mueller, Richard G.	Manistique, Mich.	DENT	Dent	3	I	
Muench, Robert James	Des Plaines	MED	Med	1	S	II
Muffley, Elroy J., B.S.	Decatur	GRAD	Educ	EM	I	
Mugge, Marilyn Simmons	Harrisburg	LAS	Genl	Fr	I	II
Mugge, Phyllis Bushnell	Harrisburg	LAS	OccTher	Jr	I	II
Muguerza, Hernan	Monterrey, Mexico	LAS	Genl	Fr	S	II
Mularz, Virginia	Chicago	PHARM	Pharm	3	S	II
Muldowney, John Joseph	Rockford	MED	Med	1	S	II
Mullen, Gail Hyde	Batavia	ENG	MetE	Fr	I	
Mullen, Lodema Lois	Tolono	LAS	Genl	So	I	
Mullen, Richard Leo	Bloomington	LAS	Pjnl	Fr	S	I
Mullendore, Jessie Marian, A.B.	Franklin	LIB	LibSci	1	S	S
Muller, Carl H.	Chicago	DENT	Dent	3	S	II
Mullett, Jane Elizabeth, B.S.	Springfield	GRAD	Educ	U	S	
Mulliken, Roberta Nadine	Urbana	FAA	Mus	So	I	
Mulliken, Wallace Dale	Springfield	LAS	PMed	Fr	I	II
Mullin, Edwin Elmer, A.B.	Manlius	MED	Med	3	S	II
Mulmat, Bernice Dorothy	Chicago	LAS	DGS	Fr	I	II
Mumford, William Porter	Chicago	COM	UD	Sr	S	I
Mummert, Delores Flora	St. Louis, Mo.	LAS	Genl	Jr	I	II
Munch, Maurice Edward	Chicago	EDUC	Genl	Fr	S	
Munch, Mavis Lorene	Argenta	AGR	HEcon	Fr	S	
Munger, Dorothy Janet, B.S.	Champaign	GRAD	Educ	U	I	II
Munhall, Margaret Helen	Champaign	LAS	Genl	Fr	I	II
Munie, Delmer Edward	Belleville	ENG	ME	So	S	
Munse, Dorothy Marie	Chicago	LAS	Genl	Fr	I	II
Munse, William Herman, B.S.	Champaign	GRAD	CE	U	S	II
Munson, Karl Franklin	Urbana	AGR	Genl	Fr	I	
Munson, Mary E.	Windsor	LAS	Genl	Sr	S	I
Munson, Otto Gene	Prophetstown	ENG	MetE	Sr	S	I
Munson, Thomas Arndt	Metcalf	MED	Med	2	S	II
Munz, Dorothy Jane	Chicago	LAS	Genl	Sr	I	II
Murakowski, Arthur Raymond	East Chicago, Ind.	COM	LD	Fr	S	S
Murdoch, Arlene Christine	Ottawa	EDUC	Genl	Sr	S	
Murphy, Barbara Carolyn	Evanston	COM	LD	So	I	
Murphy, Daniel Joseph	Chicago	LAS	Genl	Fr	I	II
Murphy, Dorothy Anne	Champaign	LAS	Genl	Jr	I	II
Murphy, Edward Paul	Wilmette	ENG	CerE	Sr	S	II
Murphy, George Joseph	Chicago	ENG	Genl	Fr	I	
Murphy, Helen Olene	Chicago	ENG	Genl	Fr	I	
Murphy, Jean Lee	Johnston City	PE	PE	So	I	
Murphy, John Edwin, A.B., A.M.	Burlington, Iowa	LAS	Genl	Jr	S	II
Murphy, Joseph William	Champaign	GRAD	Hist	U	S	
Murphy, Norman Glenn	Park Ridge	MED	Med	2	S	II
Murphy, Patricia Ann	Mt. Vernon	COM	LD	Fr	I	
Murphy, Robert Harold	Dundee	COM	LD	Fr	I	II
Murray, Charles Kendall	Joliet	MED	Med	2	S	II
Murray, Katherine Jeanne, B.S.	Charlotte, Vt.	COM	UD	Sr	S	II
Murray, Lionel Theodore	Champaign	GRAD	Educ	U	S	I
Murray, Margaret Helen	Evanston	ENG	ME	Sr	I	II
Murray, Marilyn Estelle	Champaign	LAS	Genl	Jr	S	II
Murton, Frances Josephine	Mazon	LAS	Pjnl	Fr	I	II
Musgrave, Donald Paul, B.S.	Springfield	LAS	Genl	Sr	S	
Musselman, Virginia	Sheldon	MED	Med	4	S	I
Muth, Leona Anna	Quincy	LAS	Genl	So	I	II
Muzzy, James Merton	Wood River	LAS	Genl	So	I	
Myers, Edwin George	Elmhurst	LAS	Genl	Sr	S	S
Myers, Harriett Evelyn	Hoopeston	AGR	Genl	Sr	S	S
Myers, Luther Leeson, A.B., M.S.	Champaign	AGR	HEcon	Sr	I	
Myers, Neal F., A.B., M.S.	Alton	GRAD	Educ	EM	I	
Myers, Oran Vincent	Quincy	GRAD	Educ	EM	I	
Myers, Paul Elden	Champaign	EDUC	Genl	Sr	S	
Myers, Phyllis Ione	Champaign	LAS	Math	Sr	S	I
Myers, William Perry	Sugar Grove	LAS	HEcon	Jr	I	II
Myslik, Lorraine Audrey	Hoopeston	ENG	ME	Fr	S	II
Nagel, Gloria Lucile	Berwyn	EDUC	Genl	Fr	S	
Nagel, Lois Florence	Wheaton	JNL	EJnl	Sr	I	II
Nagel, William Edward, B.S.	Chicago	PE	PE	Fr	I	
Nagle, Elizabeth	Centralia	GRAD	Educ	U	S	S
Nainis, William Stanley, B.S.	Urbana	EDUC	Genl	Jr	S	S
Nalbandov, Olga Oliver, B.S., M.S.	Chicago	MED	Med	3	S	II
Nalefski, Lester August, B.S., B.S.	Urbana	GRAD	Chem	U	I	II
Nance, Bette Jean	Decatur	MED	Med	4	S	I
Nantkes, Elaine Vivian, B.Ed.	Bloomington	JNL	Jnl	Sr	S	II
Nantz, Marjorie Ann	Witt	GRAD	Math	U	S	II
Napar, Alvin Lawrence	Harvey	LAS	Genl	Sr	I	II
Napier, Charles Stearns, A.B., A.M.	Chicago	LAS	Genl	Fr	I	II
Napthal, Ruthe	Chicago	GRAD	Psychol	U	S	I
		LAS	Genl	So	I	II

Nathan, Isabelle	East Cleveland, Ohio	LAS	OccTher	Fr	II
Nathan, Marvin Freeman, B.S.	Allentown, Pa.	GRAD	Chem	U	I II
Nathanson, Phyllis Adele	Chicago	LAS	Genl	So	I II
Naumann, Betty Jane	Virginia		Unc	S	
Naylor, Marjorie Virginia	Chicago	MED	Med	1	S I II
Neadell, Eileen Shirley	Chicago	LAS	DGS	Fr	I II
Neal, Charles Dempsey, B.P.S.M.	Sadorus	GRAD	Educ	U	I II
Neal, Frances Elizabeth, A.B.	Cedar Rapids, Iowa	LIB	LibSci	1	S
Neal, Glenn Eldred	Benton	ENG	ME	So	S I II
Neai, Ralph Bertram	Chicago	ENG	CE	Jr	I
Neal, Violet Nancy	Chillicothe	LAS	Genl	Sr	S I
Neal, Wayne Thomas, B.S.	Mattoon	DENT	Dent	4	S I II
Neckopulos, Evangelos	Kankakee	LAS	ChEng	Fr	I
Nedzel, Gleb Alexander	Elmhurst	MED	Med	2	S I II
Neece, Margaret Stevens	Macomb	JNL	EJnl	Fr	I II
Neece, Melvin Bernell, A.B.	Lowpoint	GRAD	Educ	EM	II
Neff, Leonard Israel	Chicago	LAS	ChEng	So	S
Nehls, Rae Elkin, Jr.	Chicago	LAS	DGS	Fr	S I II
Nehring, Eva Tymitz	Champaign	LAS	Genl	So	S
Neiburger, Josephine Arlene	Chicago	LAS	Genl	So	I II
Neiditch, Oscar Walter, B.S.	Chicago	GRAD	Chem	C	S I II
Neilson, William George	Roseville	MED	Med	1	S I II
Neller, Norman Leon, B.S.	Cicero	MED	Med	2	S I II
Nelson, Betty Monica	Chicago	LAS	Genl	So	S I
Nelson, Carl Albert, A.B.	Gibson City	MED	Med	3	S I II
Nelson, Charles Edward	Chicago	AGR	Genl	So	II
Nelson, Donald Wayne	Rankin	COM	UD	Jr	I
Nelson, Donna Marie	Kingston	LAS	Genl	So	I II
Nelson, Dorothy Marie	Riverside	LAS	Chem	Fr	I II
Nelson, Douglas Carlyle	Beaver, Wis.	LAS	Genl	Sr	I
Nelson, Eleanor Eugenia	Champaign	AGR	HEcon	Jr	S I II
Nelson, Elizabeth Louise	Racine, Wis.	LAS	Genl	Jr	I II
Nelson, Griffin Thomas	Decatur	ENG	EE	Fr	I
Nelson, Harold Hedley, B.S.	Peoria	MED	Med	4	S I
Nelson, Jean Elizabeth, B.S., A.M.	DeKalb	LIB	LibSci	1	S
Nelson, John Otto	Urbana	LAS	PMed	Fr	I II
Nelson, June Carolyn	Chicago	EDUC	Genl	Sr	I II
Nelson, Karen Diane	North Chicago	FAA	Mus	Jr	I II
Nelson, Marian Jean	Galva	PE	PE	So	I II
Nelson, Marjorie Joyce	Salina, Kans.	LIB	LibSci	1	S I II
Nelson, Nels Robert, B.Ed.	Rockford	GRAD	Educ	EM	II
Nelson, Phyllis Louise	Kingston	LAS	Genl	Jr	S I II
Nelson, Richard Elmer	Chicago	COM	Genl	Fr	I
Nelson, Theodore Alvin, B.S., M.S.	Decatur	GRAD	Educ	U	S
Nelson, Willard	Harrisburg	AGR	Genl	Sr	S
Nemecek, Joseph George, B.S.	Chicago	MED	Med	4	S I
Nemeth, Edward Louis	East Chicago	LAS	PMed	Fr	S
Nemtzw, Samuel	Los Angeles, Calif.	PHARM	Pharm	4	S I II
Nenne, Betty Jane	Bloomington	LAS	Genl	Fr	I II
Nerenberg, Ida	Chicago	LAS	Genl	Jr	S I II
Nesbitt, Nancy Louise	Pinckneyville	COM	UD	Jr	I
Nesbitt, Robert Douglas	Champaign	MED	Med	2	S I II
Nesheim, Martha Jeanette	Rochelle	EDUC	Genl	Sr	S
Nesheim, Ruth Sena	Rochelle	AGR	HEcon	Jr	S I II
Nesmith, Thelma Mae	Urbana	COM	UD	Sr	S I
Neswold, Thomas Leslie	Chicago	PE	PE	Fr	II
Neu, Lucile Mary, A.B., A.M., B.S.	Urbana	GRAD	LibSci	U	I II
Neubauer, Joyce Jeanette	Hinckley	LAS	DGS	Fr	I II
Neumann, Bette Lucille	Urbana	LAS	DGS	So	I II
Neumann, John Edward, B.S.	Highland	MED	Med	4	S I
Neustadt, Joan Theres	Ardmore, Okla.	LAS	Genl	Fr	I II
Nevels, Charles Spurgeon	Grayville	ENG	Genl	Fr	I II
Nevels, Margaret Lucinda	Grayville	AGR	HEcon	So	S I
Neville, Harriet Edith	Champaign	LAS	Genl	Jr	S I II
Neville, Howard Ralph	Champaign	AGR	Genl	Fr	S I II
Nevin, William Charles	Springfield	LAS	Genl	Jr	I II
Newcomb, William Bullard	Champaign	LAS	Genl	So	I
Newcomer, Velda Wilbern, A.B.	Urbana	GRAD	Soc	U	I II
Newell, Margaret, A.B.	St. Louis, Mo.	GRAD	Educ	EM	I II
Newlin, David Ralph	Springfield	LAS	PLaw	Fr	I
Newman, Bruce Baxter, B.S.	Elmhurst	MED	Med	4	S I
Newman, Charlotte Adele	Atlanta, Ga.	LAS	Genl	Fr	I II
Newman, Edward Arthur, B.S.	Chicago	MED	Med	3	S I II
Newman, Elva Jacqueline	Decatur	COM	UD	Jr	S I
Newman, Emma Elizabeth, Ph.B.	Jacksonville	GRAD	Educ	EM	I
Newman, Julius Sam	Chicago	LAS	PMed	Fr	I II
Newman, Myron	Chicago	PHARM	Pharm	1	S
Newmark, Herbert Lemard	North Plainfield, N.J.	ENG	CE	Jr	S I II
Newquist, Edson Carl	Moline	FAA	Art	Fr	II
Newton, Caroline Frances	Coal Valley	LAS	Genl	So	I II
Newton, Thomas Martin	Brigetown, N.J.	LAS	ChEng	Sr	S I II
Newton, Robert Leslie	Oakwood	PE	PE	Fr	I
Neymark, Beverly Ruth	Oak Park	LAS	Genl	So	I
Nicholas, Constance, A.B., A.M.	Springfield	GRAD	Engl	U	I II
Nichols, David Curran	River Forest	LAS	Genl	Fr	I II
Nichols, Ira Goodsell, Jr., A.B., B.S.	Champaign	MED	Med	3	S I II

Nicholson, Helen Joan	Whiting, Ind.	LAS	Genl	Fr	I	II
Nicholson, Mary Lee	Fairfield	AGR	HEcon	Jr	I	II
Nicholson, Natalie Virginia	Blytheville, Ark.	LAS	Genl	Sr	S	I
Nicholson, Paul William	Coal City	LAS	PMed	Sr	S	I
Nickolls, Frances Elizabeth	Melrose, Mass.	AGR	HEcon	Fr	I	II
Nicolay, Robert Charles	Springfield	LAS	ChEng	So	I	I
Nielsen, Helen Marie	Oak Park	COM	UD	Sr	S	I
Nielsen, John Kenneth	Chicago	LAS	Genl	Fr	I	I
Nielsen, Thomas William	Chicago	LAS	PMed	Jr	S	I
Nieman, Hubert William	Harvard	ENG	CE	So	S	I
Nierenberg, Marvin	Chicago	MED	Med	3	S	I
Nihan, Robert C.	Gary, Ind.	LAW	Law	2	I	II
Nipe, Luverta	Mt. Carroll	JNL	EJnl	Fr	I	II
Nitsche, Phyllis Jean	Waukegan	LAS	Genl	Fr	I	II
Nixon, Charles William	Carlinville	LAS	PMed	Fr	I	II
Nobe, Mutsumi, Ph.C., B.S.	Amache, Colo.	GRAD	PhysChem	C	I	II
Noble, Gene Merton	Gibson City	MED	Med	4	S	I
Noble, Margaret Isabelle, B.S., A.M.	Muscatine, Iowa	LIB	LibSci	1	S	I
Noble, Mildred Irene	Bayonne, N.J.	LAS	Genl	So	I	II
Noble, Shirley Anne	Champaign	LAS	DGS	Fr	I	II
Nobler, Lucille	Chicago	LAS	PMed	Fr	I	II
Nodine, Doris Eulalia	Dixon	JNL	Jnl	Jr	I	II
Noecker, Julia Agnuss	Champaign	EDUC	Genl	Sr	S	I
Noffsinger, Ross Lawrence	Dayton, Ohio			Unc		
Noggle, Glenn R., A.B., M.S.	Urbana	GRAD	Bot	2	S	I
Nolan, Kenneth Smith, A.B.	Wheaton	MED	Med	2	S	I
Nolan, William Joseph	Pontiac	AGR	Genl	Sr	S	I
Noland, Albert Royal	Laura	ENG	Genl	Fr	I	II
Nolen, Betty Lou	Indianapolis, Ind.	FAA	Art	Jr	I	II
Nolen, Oradel	Decatur	LAS	Genl	Fr	I	II
Noling, Peter Robert	Rockford	ENG	ME	Sr	I	II
Noll, Leland Eugene	Waukegan	LAS	PMed	Jr	I	I
Noll, Marie Evelyn	Chicago	EDUC	Genl	Fr	S	I
Norbeck, Norris Walfred	Rockford	LAS	PLaw	Fr	I	II
Norberg, Betty Noreen	Rockford	JNL	EJnl	Fr	I	II
Nord, Robert Harold	Chicago	ENG	EPhy	Sr	S	I
Nord, Stanley Kay	Bloomington	MED	Med	1	S	I
Nordstrom, Gerald Leslie, B.S.	Bishop Hill	LAW	Law	1	I	I
Noren, Robert John, Jr.	Evanston	AGR	Genl	Fr	I	II
Norrell, Virginia Marie, A.B.	Wheaton	GRAD	OralPath	C	S	I
Norris, Bettie Louise	Monticello	LAS	Genl	Sr	S	I
Norris, Josephine Mae Sultzman	Hannibal, Mo.	AGR	Genl	Jr	I	II
Norris, William Penrod, A.B.	Loogootee, Ind.	GRAD	Chem	U	S	I
North, Ira Lutts, A.B.	Champaign	GRAD	Speech	U	I	II
Northam, Mary Kathryn	Chicago	LAS	PJnl	Fr	I	II
Northdurft, Lila Pearl	Taylorville	LAS	PMed	Fr	I	II
Norvell, Glenn Harris, A.B.	Dana	GRAD	Educ	EM		
Novach, Norman	East St. Louis	LAS	ChEng	So	I	II
Novak, Clarence George, B.S.	Berwyn	MED	Med	3	S	I
Novak, Emily	Peru	LAS	Genl	Fr	S	I
Novak, Norman Leo	Chicago	COM	LD	Fr	I	II
Novak, Rudy, B.S.	Champaign	GRAD	PE	U	S	I
Novak, Sidney Irving	Chicago	PE	PE	Fr	I	II
Novick, Earl Nat	Chicago	COM	UD	Jr	I	I
Novitsky, Gloria Phyllis	Sioux City, Iowa	AGR	HEcon	So	I	II
Nowak, Irene Catherine	Chicago	PHARM	Pharm	1	S	I
Nudelman, Melvin David, B.S.	Chicago	MED	Med	3	S	I
Nunn, Virginia, B.S., A.M.	Milwaukee, Wis.	MED	Med	1	S	I
Nusinow, Bernard	Chicago	LAS	Genl	So	S	I
Nusinow, Raymond Julian	Chicago	COM	LD	Fr	I	II
Nuttall, Marjory Jane	Springfield	LAS	Genl	Fr	I	II
Nyblom, Lillian Elizabeth	Chicago	LAS	Genl	Fr	I	II
Nyman, Randall Day, A.B.	Rockford	MED	Med	3	S	I
Oakes, Elizabeth Sherwood, A.B.	Galesburg	LIB	LibSci	1	S	I
Oakes, Virginia Bertha	Chicago	LAS	Genl	Fr	I	II
Oberfranc, Joseph	Oak Park	FAA	Arch	Fr	I	II
Oberle, George William	Pekin	ENG	EE	Sr	I	II
O'Berto, Albert Louis, A.B., B.S.	Cedar Point	MED	Med	4	S	I
O'Brien, George Matthew, Jr.	Chicago	LAS	ChEng	Sr	S	I
O'Brien, John Charles, A.B., B.S.	Dickinson, N.Dak.	MED	Med	3	S	I
O'Brien, John Joseph	Chicago	MED	Med	2	S	I
O'Brien, Victor Joseph, Jr.	Villa Park	LAS	ChEng	So	I	II
O'Byrne, Nell Ruth	Champaign	COM	LD	Sr	I	I
O'Byrne, Sharon Mildred	Oak Park	LAS	Genl	Fr	I	II
Ockert, Carl Emil	Chicago	LAS	ChEng	Sr	S	I
O'Connell, Frances Marie	Chicago	EDUC	Genl	Sr		
O'Connor, Gertrude Patton, A.B., A.M.	Normal	GRAD	Educ	EM	I	I
O'Connor, Jeanne Helen	Calumet City	LAS	PJnl	Fr	I	II
O'Connor, Jeffrey Anthony	Chicago	MED	Med	1	S	I
O'Connor, Lois Iola	Chicago	LAS	PLaw	Jr	I	II
O'Connor, Mary E., B.S.	Oak Park	GRAD	PE	U	S	I
O'Connor, Rita Louise	Oak Park	LAS	Genl	Sr	S	I
O'Dell, Louise Martha, B.Ed., M.S.	Monticello	GRAD	Bot	U	S	I
Odell, Russell Turner, B.S., M.S.	Champaign	GRAD	Agron	So	I	II
Odell, Ruth Ann	Urbana	LAS	DGS	U	I	II
Oden, Lewis Manley	Alton	ENG	EE	Fr	I	II

O'Donnell, Doris Deborah	Troy, N.Y.	LAS	Genl	So	I	II
Odor, Anna Francis, A.B., A.M.	Lexington, Ky.	GRAD	Germ	U	S	II
Odum, Beulah Katherine	West Frankfort	COM	LD	Fr	I	
Oehlerking, Erwin Louis	Chicago	PE	PE	Jr	I	
Oesterling, Jessemae Nelson	Urbana	LAS	Genl	Jr	S	I
Offenbacher, Floyd Ross, A.B., B.S.	Urbana	GRAD	PolSci	U	I	II
Offenhiser, Andrew Brewster	Champaign	FAA	Art	Fr	S	I
Offerman, Elmer Edward, B.S.	Chebanse		Irr	S	I	
Office, Audrey Hope	Dayton, Ohio	LAS	Genl	So	I	II
Offner, David Henry	Zion	ENG	ME	Jr	S	II
Offner, Flora Ann	Zion	PE	PE	Fr	I	II
Ogan, Annabel Lee	Danville	LAS	Genl	Jr	I	II
Ogden, Willis Limle, B.S.	Annawan	GRAD	Eng	U	S	II
Ogg, James Bruce, B.S., A.M.	Springfield	GRAD	Educ	U	I	II
Ogle, William E., A.B., A.M.	Las Vegas, Nev.	GRAD	Physics	U	S	II
O'Hara, James Bernard	Chicago	LAS	ChEng	Sr	S	I
O'Heron, William Joseph	Chicago	PE	PE	Fr	I	II
Oie, Vernon William	St. Charles	AGR	PFor	Fr	I	II
Oksendahl, Ruth Jeanette	Chicago	AGR	HEcon	So	I	II
Olbrich, Janice Mae	East St. Louis	LAS	Genl	Fr	I	II
Oldendorph, Ethel May	Belleville	LAS	Genl	Fr	S	II
Oldham, Alta, B.Ed.	Tampico	GRAD	HEcon	U	S	I
Oldham, Rita Marie	Granite City	LAS	Genl	Fr	I	II
Oldham, Robert L. Hart, B.S.	Mansfield	GRAD	Educ	U	S	II
O'Leary, Edwin J., B.S.	Winchester	GRAD	Educ	EM	I	
Olhaber, Elmer C.	Bensenville	ENG	EE	Sr	S	II
Olin, Natalie Harriet	Chicago	LAS	Genl	Fr	I	II
Oliver, Alphonso Edward	East St. Louis	ENG	Genl	Fr	I	II
Oliver, Earl Lester, B.Ed., A.M.	Chicago	GRAD	Engl	U	S	II
Oliver, Elizabeth Posegate, B.Ed.	Springfield	GRAD	Educ	EM	I	II
Oliver, William Albert, Jr.	Champaign	ENG	Genl	Fr	S	II
Olivi, Emil John, B.S.	Chicago	DENT	Dent	4	S	II
Olsan, Keith Eldon	Springfield	DENT	Dent	1	S	II
Olsen, Hugh Henry	Waukegan	ENG	ME	Fr	I	II
Olshonsky, Sanford Jerome	Chicago	LAS	PMed	Fr	I	II
Olson, Carl Emil	Chicago	MED	Med	1	S	II
Olson, Carol Janice	Paxton	JNL	Jnl	Sr	S	I
Olson, Clara Marie Louise	Highland Park	LAS	Genl	Fr	I	II
Olson, Dorothy Hildur, A.B., A.M.	Chicago	GRAD	Bot	U	I	II
Olson, Florence Marie	La Grange	LAS	Genl	Fr	I	II
Olson, Florence Olive	Wataga	AGR	HEcon	So	I	II
Olson, Jacqueline Estelle	Chicago	LAS	Genl	Fr	I	II
Olson, Warren Henning	Chicago	ENG	ME	Sr	S	II
Olson, Wilfred Roland	Auburn, Wash.	MED	Med	3	S	II
O'Mallie, Kathryn Lenora	Farmer City	EDUC	Genl	Jr	S	I
Omens, Herbert C.	Chicago	DENT	Dent	1	S	II
O'Neal, Mary, B.Ed.	Prairie City	GRAD	Educ	EM	I	II
O'Neil, Peggy Grace	Homer	LAS	Genl	Fr	I	II
O'Neil, Veronica Joan	Chicago	LAS	Genl	Sr	S	I
O'Neill, John	Rutherford, N.J.	ENG	EPhy	Genl	I	
O'Neill, Sarah Bates	Champaign	LAS	Genl	Fr	I	II
O'Niell, Gwendolyn Marie	Lockport	LAS	Chem	Fr	I	II
Onstott, Edward Irwin	Le Roy	LAS	ChEng	Sr	S	I
Opler, Arnold	Chicago	COM	LD	Fr	I	II
Oppegard, Alfred Lester, A.B.	Chicago	GRAD	Chem	U	S	I
Opperman, David Russell	Piper City	ENG	EE	So	S	I
Opperman, Kenton Carl	Mt. Pulaski	ENG	ME	Sr	S	I
Oppice, Ruth Carolyn	Lincolnwood	LAS	Genl	Fr	I	II
Ordanik, Michael	Joliet	LAS	Genl	Sr	S	I
Orenstein, Mildred Estelle	Mattoon	LAS	Genl	Jr	S	II
Orkin, Roger	Cleveland Heights, Ohio	FAA	Art	Fr	I	II
Orr, Forrest Catolet, B.S.	Seattle, Wash.	GRAD	Psychol	U	S	II
Orr, Frederick Andrew	Granite City	LAS	ChEng	Sr	S	I
Orr, Lois Marie	Chicago	FAA	Art	Fr	I	II
Ortiz, Augusto	Orocovis, Puerto Rico			Unc	I	
Ortiz, Manuel Higinio	Guatemala, Central America	GRAD	Orthod	C	S	II
Osborn, Murray, Jr.	Chenoa	ENG	EE	Fr	S	I
Osborne, Joyce Lucerne	Heyworth	LAS	Genl	Fr	I	II
Osgood, Bessie G., A.B., B.S., M.S.	Milford	GRAD	PhysChem	C	S	II
Osoff, Roselle	Omaha, Nebr.	LAS	Genl	Fr	I	II
Ostby, Jeanne Alice	Brookfield	LAS	PJnl	Fr	I	II
Osterbur, Lewis Bernard	Ridgeville	AGR	Genl	Fr	S	I
Osterhoudt, Gertrude Etting	New Paltz, N.Y.	FAA	Art	Sr	I	II
Ostrom, Helen Ann	Chicago	LAS	Genl	Jr	I	II
Ostrom, Marie Agnes	Princeville	LAS	PMed	Fr	I	II
Ostrov, Anita	Akron, Ohio	AGR	HEcon	Fr	I	II
Otten, Mary Jane	Springfield	LAS	PMed	Fr	I	II
Otis, Arthur Frederic, Jr.	Glen Ellyn	LAS	Genl	Fr	S	I
Otis, Eddie James	Centerville Station	LAS	PMed	Fr	I	
Otterness, Omar Jordon, A.B.	Urbana	GRAD	Philos	U	S	I
Ourada, Maxine Harriet	Streator	LAS	DGS	Fr	I	II
Overberger, Charles Gilbert, B.S.	Urbana	GRAD	Chem	U	S	II
Overbey, Ernest Edwin	Joliet	ENG	ME	Fr	I	II
Owen, Betty Jean Cox	Champaign	PE	PE	Jr	I	

Owen, Jean Frances	Decatur	LAS	Genl	Jr	S	I	II
Owen, Ruth Elizabeth	Elgin	LAS	Genl	Fr	S	I	II
Owen, William Meredith	Decatur	ENG	ME	Sr	S		
Owens, Emma Patricia	Elgin	JNL	Jnl	Fr		I	II
Owens, Ruby Lillian	Highland, Ind.	LAS	Genl	Fr		I	II
Oxtoley, Frieda B., A.B.	Jacksonville	GRAD	Educ	EM		I	II
Oyakawa, Stephen Noboru	Honolulu, Hawaii	FAA	Arch	Sr		I	II
Oyer, Russell Leroy, A.B.	Congerville	MED	Med	U	S	I	II
Ozelsel, Ahmet Munci, B.S., M.S.	Izmir, Turkey	GRAD	CE	U		I	II
Ozier, Bessie Aileen	Lovington	LAS	Genl	Fr	S	I	II
Ozier, Mary Elnora	Lovington	AGR	HEcon	Fr	S	I	II
Pacini, Ralph, Jr.	Elmwood Park	LAS	PEmed	Jr	S	I	II
Paciorka, Clarence Michael	Chicago	PHARM	Pharm	1	S	I	II
Packer, Muriel Syra	Chicago	LAS	Genl	So		I	II
Paddon, Harold Stantin	Chicago	LAS	Chem	Fr		I	II
Page, Maribelle	Thomas, Okla.	LAS	Genl	U		I	II
Paine, Ruth Liona, B.Ed.	Mackinaw	GRAD	Educ	U	S		
Painter, Jeanne Alberta	Saybrook	PE	PE	Fr		I	II
Palecek, Catherine Celia	Collinsville	LAS	DGS	Fr		I	II
Palacz, Sylvester Francis	Peoria	MED	Med	Unc		I	II
Palka, Leonard John, B.S.	Cicero	LAS	Genl	4	S	I	II
Palman, Ina Ruth	Chicago	LAS	Genl	So		I	II
Palmer, Helen Frances	Urbana	LAS	Genl	So		I	II
Palmer, Howard	Columbia	PE	PE	Fr		I	II
Palmer, Huldah, B.S.	Homer	GRAD	Educ	U		I	II
Palmer, Norma June	Urbana	LAS	Genl	Fr		I	II
Palmer, Ralph William	Rockford	COM	UD	Fr		I	II
Palmer, Wilda Eileen	East St. Louis	LAS	Genl	Sr	S	I	II
Paloucek, Frank Paul	Chicago	LAS	PMed	Jr		I	II
Paloumpis, Andreas Athanaious	Minonk	LAS	PMed	Fr	S	I	II
Paloumpis, Mary Thomas	Minonk	EDUC	Genl	Jr	S	I	II
Pampel, Harriet Fay	Graymont	JNL	Jnl	Jr		I	II
Pankau, Warren Richard	Chicago	PHARM	Pharm	4	S	I	II
Pantone, Anton Marc	Chicago	MED	Med	2	S	I	II
Parchman, Willard Harold	Chicago	COM	UD	Fr	S	I	II
Parrett, Richard Earl	Champaign	AGR	Genl	Jr		I	II
Parfitt, Alfred William, Jr.	Danville	AGR	Genl	Fr		I	II
Parham, William E., B.S.	Chicago	PE	PE	U		I	II
Park, Glen Ingram	Dallas, Texas	GRAD	Chem	U	S	I	II
Park, Helen Jane, A.B.	Chicago	LAS	Genl	So		I	II
Park, Norma Evelyn	Rock Island	GRAD	Educ	U	S	I	II
Parker, Edwin Scott	Mt. Pulaski	AGR	HEcon	Sr	S	I	II
Parker, Margaret Ann, B.S.	Berwyn	LAS	DGS	Sr	S	I	II
Parker, Patricia Cecelia	Chicago	GRAD	Geol	U		I	II
Parkerson, Lauralynn	Chicago	FAA	Art	So		I	II
Parkes, Betty Ann	Springfield	FAA	Mus	Jr		I	II
Parkin, Grace Piersol	Pleasant Plains	AGR	HEcon	Jr		I	II
Parks, Ronald Ray	Champaign	LAS	Genl	Sr	S	I	II
Parks, Thomas D., B.S.	Harrisburg	COM	LD	Fr		I	II
Parmerter, Priscilla Barton	Champaign	GRAD	Chem	Fr	S	I	II
Parmerter, Stanley Marshall, B.S., M.S.	Champaign	LAS	Chem	U		I	II
Parry, Anne Elizabeth, A.B.	Rochester, N.Y.	LAS	Genl	Sr		I	II
Parry, John Jay, Jr.	Urbana	GRAD	Chem	U	S	I	II
Parry, Muriel Hope	Urbana	LAS	ME	Irr	S	I	II
Parry, Robert Walter, B.S., M.S.	New York, N.Y.	LAS	Genl	Fr		I	II
Parsell, William Oliver	Urbana	GRAD	Chem	U	S	I	II
Partridge, Roberta Pauline	Jerseyville	AGR	Genl	Fr		I	II
Pasternak, Raphael Anthony	Highland	LAS	DGS	U		I	II
Pastnaack, George Louis	Chicago	ENG	CE	Fr		I	II
Pastor, Ruth Anna, B.S.	Chicago	MED	Med	3	S	I	II
Patchell, Elton James	Glen Ellyn	GRAD	Chem	U	S	I	II
Pathman, Harold Leon	Berwyn	DENT	Dent	2	S	I	II
Paton, Mary Ann, A.B.	Chicago	ENG	ME	Jr		I	II
Patrick, Frances Elizabeth	Urbana	LAS	Genl	Sr	S	I	II
Patrick, Stanley Augustus	Lombard	LAS	Genl	So		I	II
Patt, Harriet Marian	Chicago	LAS	Genl	Sr		I	II
Patten, Fredrick Layton	Chicago	LAS	Genl	Fr	S	I	II
Patterson, Alice Sylvia, B.S., A.M.	McLeansboro	ENG	Educ	Fr		I	II
Patterson, Bettie Jane, A.B., B.S.	Blue Earth, Minn.	GRAD	Educ	U	S		
Patterson, Betty Jane	Decatur	GRAD	LibSci	U		I	II
Patterson, Betty Jane	Chicago	LAS	Genl	Fr		I	II
Patterson, Betty Jane	Palo	AGR	HEcon	Sr		I	II
Patterson, Joanne Elizabeth	Decatur	LAS	Genl	Jr		I	II
Patterson, John Hayden	Canton	LAS	Genl	So		I	II
Patterson, Marion Jean	Sycamore	LAS	Genl	So	S	I	II
Patterson, Martha Louise Hess	Brook, Ind.	FAA	Mus	Fr		I	II
Patterson, Paul Lawrence	Aurora	PE	PE	Fr		I	II
Pattison, Rose Irene	Alexis	AGR	HEcon	Sr		I	II
Patton, Patricia Ann	Clarence	AGR	HEcon	Jr	S	I	II
Paul, Donald Lee, B.Ed.	Crete	GRAD	Soc	U	S		
Paul, Elsa Mildred	Bridgeton, N.J.	LAS	PMed	Fr		I	II
Paul, Harry Alex	Oak Park	MED	Med	1	S	I	II
Paulshock, Marvin	Springfield	LAS	Chem	Sr	S		
Pausch, Fred Jourdan	Downers Grove	ENG	CE	Fr		I	II
Pavegio, Eileen Marie	Iron Mountain, Mich.	LAS	DGS	Sr		I	II
Pawlish, Joseph Henry	Chicago	LAS	Genl	So	S	I	II
Pawson, Esther Lucille	Delavan	EDUC	Genl	Jr	S	I	II

Paxton, Doyle Eugene	Georgetown	LAS	Genl	So	S	I	II
Payne, Joseph Cannon	Danville	LAS	Genl	Fr	S	I	
Payne, Mary Eliza Mills, B.S., B.Mus.	Urbana	GRAD	MusEd	U	S		
Paynter, Clena Russell	Plankinton, S.Dak.	MED	Med	1	S	I	II
Peabody, Paul Robert	Edinburg	ENG	EE	Jr	S	I	II
Peacock, James Christopher, A.B.	Virden	DENT	Dent	2	S	I	II
Pearce, Alice Ruth	Zion	AGR	HEcon	Sr	S	I	
Pearce, Hubert Waldo, A.B.	Zion	GRAD	Educ	U	S		
Pearlman, Edythe Natalie	Chicago	LAS	Genl	Sr	S		
Pearlman, Raymond	Hollywood, Calif.	LAS	Chem	Jr	S		
Pearman, Nancy	Rockford	LAS	Genl	Sr	S	I	
Pearson, Charles Edwin, B.Ed.	Decatur	GRAD	Educ	EM	S	I	II
Pearson, Gladys Marie	Chicago	LAS	PJnl	Fr	S	I	II
Pease, Wilder Fairbanks	Springfield, Mass.	LAS	Chem	Jr	S	I	II
Pechloff, Joseph	Chicago	ENG	ME	Jr	S	I	II
Peck, Merton Joesph	Evanston	LAS	Genl	Fr	S	I	
Peckham, Lawton Parker Greenman, Ph.B., A.M., Ph.D.	Newport, R.I.			Unc	S	I	II
Pecora, Joseph Samuel	Rochester, N.Y.	MED	Med	2	S	I	II
Pederzoli, Salessa Rose, B.S.	Collinsville	GRAD	Bot	U	S		
Peebles, Marian Winifred	Carlinville	AGR	HEcon	So	S	I	II
Peel, Elizabeth Wilson, A.B.	Detroit, Mich.	GRAD	Chem	U	S	I	II
Pefferle, Mary Theresa	Springfield	LAS	Genl	Fr	S	I	II
Peithman, Marjorie Lorraine	Hoyleton	COM	LD	So	S		
Pelletier, Shirley William	Kankakee	LAS	ChEng	Jr	S	I	II
Peloza, Edwin Norman	Chicago	LAS	Chem	So	S		
Pemberton, Bess B., B.Ed.	Harrisburg	GRAD	Educ	EM	S	I	
Penefsky, Morris	Chicago	DENT	Dent	1	S	I	II
Peng, Ke-Ming, B.S., M.S.	Tsinhsien, Hopei, China	GRAD	Agron	U	S	I	II
Perel, Ada Rachel	Whiting, Ind.	LAS	PMed	Sr	S	I	II
Perel, Ruth Carol	Chicago	LAS	Genl	Fr	S	I	II
Perel, William Morris	Whiting, Ind.	ENG	Genl	Fr	S	I	II
Perez, Peter Joseph	Aurora	PE	PE	Fr	S	I	
Pergrem, Ann A. Holper	Divernon	EDUC	Speech	Sr	S	I	II
Perisich, Bernice	Chicago	LAS	DGS	Fr	S	I	II
Perisich, Hermina	Chicago	LAS	Genl	Fr	S	I	II
Perkins, Carol Reed	Chicago	LAS	Genl	So	S	I	
Perkins, Clyde Matthew	St. Clair Shores, Mich.	PE	PE	Fr	S	I	II
Perkins, Margie Ann	Chicago	COM	LD	Fr	S	I	II
Perkins, Marian	Monticello	LAS	Chem	So	S	I	II
Perkins, Maxwell Bernard	Chicago	MED	Med	1	S	I	II
Perkins, Phillip Allen	Cedarville	COM	UD	Sr	S		
Perkowski, Sigismund Stanislaus	Chicago	LAS	PMed	So	S	I	II
Pertman, Althea Mae	Chicago	AGR	HEcon	So	S	I	II
Pertman, Gussie	Chicago	LAS	Genl	Jr	S	I	II
Pertman, Joan	Cleveland Heights, Ohio	LAS	Genl	Fr	S		II
Perlmutter, Walter	Long Beach, N.Y.	LAS	PJnl	Fr	S		II
Perloff, Godfrey	Chicago	DENT	Dent	3	S	I	II
Perlow, Richard Ruben	Chicago	DENT	Dent	2	S	I	II
Pertstein, Stanley	West New York, N.J.	DENT	Dent	4	S	I	II
Perman, Gerald	Chicago	LAS	PMed	Jr	S	I	II
Perreault, Kenneth George, B.S.	Chicago	GRAD	Educ	EM	S		
Perring, Jo Ann	Maywood	LAS	Genl	So	S	I	II
Perrotet, Betty Pearl, A.B., A.M.	Alton			Irr	S	I	
Perry, Edmond Joseph, B.S.	Joliet	MED	Med	4	S	I	
Perry, Harriet Norma	Potomac	COM	LD	Fr	S	I	II
Perry, Sara Claudine, A.B.	Urbana	LAW	Law	1	S	I	II
Perry, Thomas Kirk	Chicago	MED	Med	1	S	I	II
Pesci, Warren Richard	Evansville, Ind.	FAA	Arch	Sr	S	I	II
Peskind, Bernadette Grace	Centralia	COM	LD	So	S	I	II
Peskind, Phyllis Bernice	Belleville	LAS	PJnl	So	S	I	II
Peters, Edith Ellen	Lincoln	COM	UD	Jr	S	I	II
Peters, Howard Rudolph	West Frankfort	MED	Med	1	S	I	II
Peters, Louise Evelyn	Zion	PE	PE	Fr	S	I	II
Peters, Naomi Virginia	Kankakee	LAS	Genl	Fr	S	I	II
Peters, Richard John	Springfield	ENG	EE	Fr	S	I	
Petersen, Anne	Urbana	LAS	Genl	So	S	I	
Peterson, Dorothy Mae	Oak Park	LAS	PJnl	Fr	S	I	II
Peterson, Esta Thomas	Vienna			Unc	S		
Peterson, Eugene Gottlieb, B.S.	Moline	DENT	Dent	4	S	I	II
Peterson, Jack Douglas	Rockford	ENG	ME	Sr	S	I	II
Peterson, Jean	Chicago	AGR	HEcon	Sr	S	I	II
Peterson, Lawrence William, B.S., M.D.	Galva	GRAD	Surg	C	S	I	II
Peterson, Mary Louise	La Grange	LAS	Genl	Jr	S	I	II
Peterson, Ruth Emily, B.S.	Rockford	GRAD	Educ	EM	S		
Peterson, Wessley Eugene	Varna	COM	LD	So	S	I	II
Petkoff, Peter Pavloff, B.S.	Mt. Carroll	GRAD	CE	U	S		
Petty, Howard Bliss, Jr., A.B., A.M.	Urbana	GRAD	Entom	U	S	I	II
Pevsner, Annette	Chicago	LAS	Genl	So	S	I	II
Pezman, Alfred Leonard, A.B.	Quincy	LAW	Law	2	S	I	II
Pfeffer, John Richard	Lebanon	COM	LD	Fr	S		
Pfeiffer, Mary Alice	Edwardsville	LAS	Genl	So	S	I	II
Pfingst, Shirley Hortense	Chicago	LAS	PJnl	Fr	S	I	II
Plotenhauer, Martin Albert, B.S.	Chicago	MED	Med	2	S	I	

Phares, Carol Ann	Champaign	AGR	HEcon	So	I	II
Phebus, Gail William	Mt. Carmel	LAS	Genl	Fr	S	
Phelps, Robert Leland	East St. Louis	LAS	ChEng	So	I	II
Phelps, Virginia Hullette	Springfield	LAS	HEcon	Jr		II
Phenix, Gena Tenney	New York, N.Y.	LAS	Genl	Fr		II
Philippi, Pauline	Casey	LAS	Chem	Fr	I	II
Phillippo, Grace M., B.Ed.	Kankakee	GRAD	Engl	U	S	
Phillips, Florence Elizabeth, A.B., A.M.	Vandergrift, Pa.	LIB	LibSci	1	S	
Phillips, Frances	Green Valley	LAS	Genl	Fr		I II
Phillips, George Elwood, A.B.	Urbana	GRAD	Chem	U	S	I II
Phillips, Howard Vance, B.S.	Harvey	DENT	Dent	3	S	I II
Phillips, James Alfred, A.B., M.S.	Johannesburg, South Africa	GRAD	Physics	U	S	I II
Phillips, Jeannette Frances	Urbana	LAS	Genl	So		II
Phillips, Joy Burcham, A.B.	Urbana	GRAD	Biol	U		I II
Phillips, Lou Ann	Champaign	LAS	Genl	Fr		I
Phillips, Margaret Louise	Woodstock	LAS	DGS	Sr		I II
Phillips, Robert Bruce	Chicago	ENG	Genl	Fr	S	I
Phillips, Thelma Anna, B.Ed.	Carbondale	GRAD	Accy	U	S	
Phillips, Wayne Barnett	Decatur	AGR	Genl	Fr		I
Phipps, Imogene Lou	Collinsville	COM	LD	Fr		I II
Pianowski, Thad Walter, B.S.	Chicago	MED	Med	3	S	I II
Picard, Jean-Paul	Quebec, Canada	LAS	Genl	Fr		I II
Pickard, Marilyn J.	Centralia	LAS	Genl	Jr	S	I II
Pickel, William Feyreisen	Wilmette	ENG	ME	Sr	S	I II
Picken, Edgar R., B.S.	Rockford	MED	Med	4	S	I II
Picker, Elizabeth Bertha	New York, N.Y.	LAS	Genl	Fr		I II
Pickett, Eleanor	De Kalb	LAS	Genl	Fr		I II
Pickett, Mary Ann	Champaign	LAS	Genl	Fr		II
Pickrell, William Franklin	Lanesville	AGR	Genl	Fr		II
Piconi, Gloria Marion	Chicago	LAS	PMed	Fr		I
Pielis, Anna Marie	Chicago	FAA	Art	So		I II
Pieper, Jacqueline Marie, A.B.	Urbana		Irr	S		
Pierce, Barbara Lucile	Watseka	AGR	HEcon	Jr		I II
Pierce, Dorothy Ellen	Bowen	FAA	Mus	Fr		I II
Pierce, Edna Eugene, B.S.	Pekin	GRAD	Educ	EM	S	I
Pierce, Helen Merrill	Weston, Mass.	LAS	Genl	Jr		II
Pierce, Hiram Warren, B.S.	Middletown	GRAD	Educ	U	S	
Pierce, Julia Frances	Rockford	LAS	Genl	Fr		I II
Pierce, Louis Gilbert	Moweaqua	COM	LD	So	S	
Pierce, Marjorie Edith	Bowen	EDUC	Genl	Sr	S	
Pierce, Virginia Maria Kunz	Lincoln	FAA	Art	Fr		I II
Pierson, Barbara Adele	Decatur	LAS	Genl	Fr		II
Pierson, Irene Dorothy, A.B.	Argenta	GRAD	Soc	U	S	I II
Pierson, James William	Hillsboro	LAS	Genl	So	S	I II
Pierson, Joan Beatrice	Galesburg	LAS	ChEng	Fr		I II
Pilch, L. Louise Mentzer, B.Ed.	Normal	GRAD	Educ	U	S	
Pilchard, Edwin Ivan, Jr.	Urbana	AGR	Genl	Fr		I
Pile, Duane Fred, B.S., B.S.	Fargo, N.Dak.	MED	Med	3	S	I II
Piljac, William	Chicago	PHARM	Pharm	4	S	I
Pilkenton, George Kincaid	Farmer City	LAS	Genl	Fr	S	I
Pilot, Martin Lewis	Chicago	LAS	PMed	Fr		I II
Pilz, Clifford George	Chicago	MED	Med	2	S	I II
Pinchuk, Shirley Rhea	Chicago	PE	PE	Fr		II
Ping, Lela Mae, B.Ed.	Auburn	GRAD	HEcon	U	S	
Pinkus, Leonard Zade	Chicago	DENT	Dent	2	S	I II
Pinkus, Walter	Chicago	LAS	PMed	Jr	S	I
Pinsky, Seymour Isan	Chicago	LAS	Genl	Jr	S	I II
Pipenberg, Kenneth James, B.S.	Racine, Wis.	GRAD	Chem	U		II
Pipes, Melvin Anton	Chicago	ENG	EE	Fr		II
Pistor, Claire Christine	Kirkwood, Mo.	FAA	Art	Fr		I II
Pitsenbarger, Ruth Margaret	Champaign	COM	LD	Fr		I II
Pitt, Marilyn Gene	Chicago	FAA	Art	Fr		I II
Pitzele, Alma Sylvia	Chicago	LAS	Genl	So		I II
Pixley, Louise Duff	Flora	EDUC	Genl	Jr		I II
Pizzini, Loretta Marie	Edwardsville	LAS	Genl	So		I II
Placek, James Frank, B.S.	Westville	GRAD	Educ	U	S	
Plagge, Frances Mae	Barrington	COM	LD	Fr		I II
Planert, Edward Herman	Chicago	COM	LD	Fr		II
Playe, Margaret Berg, A.B.	Urbana	GRAD	French	U		I II
Pleas, Gutherie	East St. Louis	AGR	HEcon	Jr	S	I II
Plesc, Lucille Kathleen	Wilmington	LAS	Genl	Fr		I II
Plesscher, William Harold	Elmhurst	MED	Med	1	S	I II
Pletcher, Thomas Erno	Berwyn	LAS	Genl	Sr		I II
Plotkin, Paul, A.B.	Miami Beach, Fla.	MED	Med	3	S	I II
Plumb, Robert Charles	Springfield, Mass.	LAS	Chem	Fr	S	I II
Plymire, Margaret M.	Danville	AGR	HEcon	Fr		II
Poark, Genevieve, B.Ed.	Macomb	GRAD	Educ	EM		II
Podmajersky, Paul, B.S.	Chicago	GRAD	Zool	U		I II
Podore, Clarence J.	Chicago	MED	Med	2	S	I II
Pogirski, Stanley, B.S.	Chicago	DENT	Dent	2	S	I II
Pogrund, Robert Seymour, B.S.	Chicago	GRAD	Physiol	U	S	I II
Pogue, Barbara	Decatur	FAA	Art	Sr		I II
Polen, Eugene Victor	Chicago	LAS	ChEng	Fr		II
Polk, Ora, B.Ed., A.S.	East St. Louis	GRAD	Educ	EM	S	I

Polk, Roberta Makler	Chicago	LAS	Genl	Fr	I	II
Pollard, Betty Pauline	Urbana	LAS	Genl	So	I	II
Pollard, Charles Emerson	Urbana	LAS	Genl	Fr	S	I
Pollard, Gertrude, B.S.	Champaign	GRAD	Educ	U	I	
Pollard, John Thomas, Jr.	Chicago	ENG	Genl	Fr	I	
Pollen, Harold Edward	Chicago	MED	Med	1	S	I
Pollock, Beatrice Cecile	Asheville, N.C.	LAS	Genl	Fr	I	II
Pollock, George Howard	Chicago	MED	Med	2	S	I
Polney, Carole J.	Chicago	LAS	Genl	Fr	I	II
Polniaszek, Mildred Jane, A.B.	Chicago	GRAD	Bact	U	I	II
Polskin, Barney Aronoff, B.S.	Plainfield, N.J.	DENT	Dent	4	S	I
Pomatto, Marie Lucille	Marseilles	EDUC	Genl	Sr	I	II
Pommier, Angelina Theresa	Bourbonnais	LAS	Genl	Fr	I	II
Pomper, Shirley Thelma	Chicago	LAS	Genl	Fr	I	II
Pomrenze, Tema	Chicago	LAS	Genl	Jr	S	I
Ponitch, David	Chicago	EDUC	Genl	Sr	I	II
Pope, Irene Bennett, A.B., B.S.	Bunkie, La.	GRAD	Educ	U	S	
Pope, Margaret Jane	La Grange	LAS	Genl	So	I	II
Pope, Miriam Elaine	Yorkville	AGR	HEcon	Fr	I	II
Pope, William Travis, B.S.	Chicago	DENT	Dent	3	I	II
Popejoy, William Dean	Normal	ENG	EE	Fr	I	II
Popper, Hans Philipp, M.D., M.S.	Chicago	GRAD	Path	C	S	I
Poppie, Anabel	Gilman	LAS	Genl	Fr	I	II
Porges, Lois Helen	Chicago	LAS	Genl	Fr	I	II
Poriss, Edward Israel, B.S.	Hartford, Conn.	DENT	Dent	3	S	I
Porter, Betty Jane	River Forest	LAS	Genl	So	I	
Porter, Don Austin	Champaign	COM	LD	Fr	I	II
Porter, Dorothy Jean, A.B.	Canton	LIB	LibSci	1	S	
Porter, Harriet Ann	Champaign	LAS	Genl	Fr	I	II
Porter, Helen Brundza, A.B.	Champaign	GRAD	HEcon	U	I	II
Porter, Mary Bernadine	Stronghurst	AGR	HEcon	Fr	I	II
Porter, Ralph Lloyd	Chicago	ENG	ME	Sr	S	I
Posegate, William Didcott, B.S.	Springfield	GRAD	Educ	EM	I	II
Posey, John Cassatt	Springfield	LAS	ChEng	Sr	S	I
Posey, Muriel Jane	Chicago	PE	PE	Fr	I	II
Posner, Doris Irene	Brooklyn, N.Y.	PE	PE	Sr	I	II
Possehl, Louise Thomas	Chicago	PE	PE	Fr	I	II
Post, Harvey Jordan	Brooklyn, N.Y.	LAS	ChEng	So	S	I
Postlewait, Richard Franklin	Decatur	DENT	Dent	1	S	I
Postlewait, Virginia Ruth, B.Ed.	Palestine			Irr	S	
Poticha, Carl	Chicago	LAS	PMed	Fr	S	I
Potkin, Nathan Norman, B.S., B.S.	Chicago	DENT	Dent	3	S	I
Potter, Claire Snyder, B.Ed.	Flanagan	GRAD	Educ	EM	I	II
Potter, Juanita Jean	Urbana	LAS	Genl	So	I	
Potter, Louis Alexander, Jr., B.Mus.	Urbana	GRAD	Mus	U	I	II
Potter, Miriam Louise	Urbana	LAS	Genl	Fr	I	II
Potterf, Rex Miles, A.B., A.M.	Lewisville, Ind.	LIB	LibSci	1	S	
Pottle, Arthur Freeman, Jr.	Meredith, N.H.	ENG	EPhy	Sr	I	
Potts, Mary Virginia	Gibson City	LAS	PMed	Fr	I	II
Powell, Alma, A.B.	Kirkwood, Mo.	GRAD	Educ	EM	S	I
Powell, Juliette Leeper	Park Ridge	LAS	Genl	So	I	II
Powell, Sophia Agnes, B.S.	Hillview	GRAD	Educ	U	S	
Powell, William McNesbit, B.Ed.	Clinton	GRAD	Educ	U	I	II
Power, Alma Elizabeth, B.Ed.	Saybrook	GRAD	Educ	EM	I	II
Power, Doris Margaret, B.S.	Birdsboro, Pa.	DENT	Dent	4	S	I
Powers, George, A.B., B.S.	Streator	MED	Med	3	S	I
Powers, Joyce Melvina	Peoria	LAS	Genl	Fr	I	II
Powers, Lucille Bernice, B.S.	Urbana	GRAD	HEcon	U	S	I
Powers, Robert William, B.S.	Peoria	GRAD	PhysChem	U	S	I
Powers, Warren Earl	Chicago	LAS	Genl	Sr	S	
Poyer, Frank John	Buffalo, N.Y.	ENG	CE	Jr	I	
Poynter, Laura Lucile, B.Ed.	Arcola	GRAD	Educ	U	I	
Pracyk, John Ardell, Jr.	West Frankfort	DENT	Dent	1	S	I
Prange, Adelia Gesina	New Douglas		Unc	S	S	
Prange, Louise Smallwood	Lombard	COM	UD	Sr	I	II
Pranke, Don Wallace, B.S.	Pana	MED	Med	3	S	I
Prasse, Marilyn Meta	Chicago	PE	PE	Fr	I	
Pratt, Wilma E.	Urbana	COM	LD	So	S	I
Pratum, Rolf Heyendahl	Seattle, Wash.	MED	Med	2	S	I
Priehs, Carlene	Pana	AGR	HEcon	Sr	I	II
Preis, Seymour	Chicago	LAS	Chem	Jr	S	I
Prendergast, Mary Jane	Lamoille	AGR	HEcon	Sr	S	I
Prenzler, Lyle Howard	Bloomington	MED	Med	1	S	I
Press, Mildred	Chicago	LAS	Genl	Fr	I	II
Preston, Betty Lou	Chicago	LAS	Genl	So	S	I
Priami, Katherine	Frankfort	LAS	Genl	Sr	I	II
Price, Arthur Lowell, Jr.	Champaign	DENT	PMed	So	I	II
Price, Everett Alfred, A.B., M.S.	Hghland Park	DENT	Dent	1	S	I
Price, Freida Kathleen	Effingham	AGR	HEcon	Fr	I	II
Price, Joan Carol	Pittsburgh, Pa.	LAS	DGS	Fr	I	II
Price, June Wendell, B.S., M.S.	Farmer City	GRAD	Educ	U	S	
Price, Nathaniel, A.B.	Brooklyn, N.Y.	DENT	Dent	4	S	I
Price, Patricia	Birmingham, Mich.	LAS	Genl	Fr	I	II
Price, Rebecca Dawson	Chicago	FAA	Art	Fr	I	II
Prichard, Merrill Edwin	Glen Ellyn	LAS	PJnl	So	I	II

Prince, Victor Vincent	Peoria	FAA	Arch	Sr	S	I
Printy, Glenn Eugene	Springfield	COM	UD	Sr	S	I
Prislinger, Edward John	Chicago	ENG	CE	Fr		II
Pritchard, Roberta	Maywood	AGR	HEcon	Fr	I	II
Pritchett, Dorothy Isabel, A.B.	Flora	GRAD	Educ	U	S	
Prizer, Charles John	Lake Bluff	LAS	ChEng	Sr	S	I
Procter, Lois Jean	Evanston	PE	PE	Fr		II
Proehl, Elsa Caroline	Philo	LAS	PMed	Sr	S	
Proehl, Louise Mathilde R.	Philo	LAS	Genl	Jr	S	I
Prokopis, Alexander	Gary, Ind.	PE	PE	Fr	I	II
Pronger, John Emery	Blue Island	LAS	Genl	EM	I	II
Propek, Ben Oran, B.Ed.	Mansfield	GRAD	Educ	EM	I	
Proud, Frances Eudale, A.B.	South Bend, Ind.	LIB	LibSci	1	S	
Provenzano, Joseph Alfred, A.B.	Geneva	MED	Med	4	S	I
Prowell, Jack Dale	Harrisburg	LAS	Genl	Fr	I	II
Prower, Harriet Barbara	Waukegan	LAS	Genl	Fr		II
Pruitt, William Macy, A.B., A.M.	Alton	GRAD	Educ	EM	I	
Pruzansky, Lucille Laurel	Chicago	LAS	Genl	Fr	I	II
Przepiorski, John Bruno, B.S.	Chicago	MED	Med	4	S	I
Przydatek, Sophia Jean	Chicago	MED	Med	2	S	I
Puccillo, Daniel P.	Chicago	ENG	ME	Fr		II
Pugh, Hilda Naomi	Morris	LAS	Genl	So	S	I
Pugh, William Ellis	Peoria	MED	Med	1	S	I
Puisis, John Constantine, A.B.	Chicago	GRAD	Engl	U	S	
Pullen, Milton William, Jr., A.B., M.S.	Champaign	GRAD	Geol	U		II
Pulliam, Georgia Beryl	Fithian	LAS	Genl	Jr		II
Pumphrey, Mable Ann, B.S.	Bloomington	GRAD	Educ	EM	I	II
Pundsack, Frederick Leigh	Piackneyville	LAS	ChEng	Fr	I	
Punke, Flossie M.	Gibson City	FAA	Mus	So	I	II
Purcell, Evelyn	Eldorado	LAS	Genl	Sr	S	
Purcell, Dorothy Margaret	Streator	LAS	Genl	So	I	II
Purcell, Kathryn Ione, B.Mus.	Paxton, Ind.	LIB	LibSci	1	S	
Purcell, Lucille	Monticello	EDUC	Genl	Sr	S	I
Purcell, Verne Keta	Monticello	LAS	Genl	Sr	S	I
Purdue, James Alfred	Centralia	ENG	Genl	So		II
Purdy, Robert Alva	Hinsdale	LAS	PMed	Fr	S	I
Pusey, George Purdue	Marseilles	ENG	ME	Sr		II
Pyle, Claud Austin, B.Ed.	Tamaroa	GRAD	Physics	U	I	
Quagliano, James V., B.S., M.S.	Rosemont, Pa.	GRAD	Chem	U	I	II
Qualmann, Lawrence Richard, B.S.	Chicago	MED	Med	4	I	
Quastler, Gertrude P.	Urbana	FAA	Art	Fr	S	I
Queen, Betty Jane	Cuba	AGR	HEcon	So	S	I
Quernheim, Lucile Ida Marie	Waterloo	FAA	Mus	Sr	I	II
Quick, James Howard, B.S.	Dixon	GRAD	Educ	U	S	
Quicksilver, Lois Elaine	Clayton, Mo.	AGR	HEcon	Fr	I	II
Quigley, Blanche Olive, B.Ed.	Table Grove	GRAD	Educ	U	S	
Quillinan, John William G.	Chicago	ENG	Genl	Fr	I	
Quilty, Thomas James, B.S.	Moline	MED	Med	2	I	II
Quimby, Carol Rogers	Evanston	LAS	Genl	Fr	I	II
Quinn, Louis W.	Peoria	COM	UD	Sr	I	II
Raben, Sheldon Rodney	Chicago	LAS	Genl	Fr	I	
Rabin, Genevieve	Chicago	LAS	Genl	Fr	I	II
Rabin, Rita	Chicago	LAS	Genl	Fr	I	II
Rabin, Virginia Ruth	Chicago	LAS	Chem	Fr	I	II
Rader, Maxine	Webster Groves, Mo.	FAA	Mus	Jr	I	
Radic, Elaine June	Chicago	JNL	Jnl	Jr	I	
Radin, Marcella	Chicago	LAS	Genl	Fr		II
Radley, Ernest, Jr.	Normal	ENG	CE	Fr	I	II
Radmacher, Helen Mary	Monmouth	LAS	Genl	Jr	S	I
Raffaelli, Gene Vivaldo	Chicago	LAS	ChEng	Fr	S	I
Raffel, Jerome	Chicago	ENG	ME	So	S	I
Raffel, Natalie	Chicago	LAS	Genl	Jr	I	II
Rafferty, Gertrude Therese, B.S., M.S.	Chicago	GRAD	Zool	U	S	I
Raglui, Orpha Alene, B.Ed.	Monmouth	GRAD	Engl	U	S	
Rahn, Rosemary Ruth	Pekin	LAS	Genl	Fr	I	II
Raines, Pauline Adeline	Centralia	EDUC	Genl	Jr	I	II
Rainier, Jeanne Marie	Libertyville	LAS	OccTher	Fr	I	II
Ralston, Herbert Charles	Louisville, Ky.	PE	PE	Fr	S	I
Ralston, Joan Elizabeth	Rockford	FAA	Art	So	I	II
Ralston, Lloyd Stanley, A.B., B.S.	Crystal, N.Dak.	MED	Med	2	S	I
Rambler, Merri Lois	Evanston	LAS	Genl	So	I	
Ramey, Charles Arthur	Danville	MED	Med	2	S	I
Ramp, Floyd Lester	Newman	LAS	ChEng	Jr	I	II
Ramsay, Joseph Paul	Park Ridge	COM	UD	Jr	I	II
Ramsey, Julie	Racine, Wis.	LAS	Genl	Fr	I	
Ramsey, Kathryn Ellen, B.S.	Broadwell	GRAD	Educ	EM	S	I
Ramshaw, Warren Clement	Chicago	LAS	Genl	Fr	I	II
Randall, Howard Mansfield, Jr.	Champaign	ENG	Genl	Jr	I	
Randall, Shirley Ann	San Antonio, Tex.	AGR	HEcon	Jr	I	II
Randels, Margaret Elizabeth, A.B.	Alma, Mich.	GRAD	French	U	I	II
Randleman, Elgie Mac	Paris	EDUC	Hist	Sr	S	
Randolph, Jean	Danville	LAS	Genl	Jr	I	II
Randolph, Joan	Danville	LAS	Genl	Jr	I	II
Randolph, Robert Greenwood	La Grange	DENT	Dent	1	S	I
Randolph, Thomas Vance, A.B.	Champaign	MED	Med	1	S	I
Raney, Carroll Stanley	Rochester	ENG	CE	Fr	I	

Rankin, Charles Rule	Kansas City, Mo.	ENG	ME	Jr	I	II
Rankin, Marilyn Merle	Pekin	JNL	Jnl	Sr	S	I II
Ranney, Florence Marion	Mundelein	PE	PE	So	I	II
Ransom, Lola Nadine	Princeton	LAS	DGS	Fr	I	II
Rapala, Richard Thaddeus	Chicago	LAS	Chem	Sr	S	I
Rapoport, Hershel	Des Moines, Iowa	PHARM	Pharm	1	I	II
Rapoport, Leonard Paul, B.S.	Chicago	MED	Med	2	S	I II
Rapp, John Henry	Park Ridge	ENG	ME	Jr	I	II
Rapp, Roy Thomas, B.S.	Quincy	MED	Med	3	S	I II
Rappaport, Dina Braude	Chicago	MED	Med	4	S	I II
Rapparie, Donald Frederick	Toledo, Ohio	LAS	PDent	So	I	II
Rappeport, Donald L.	Chicago	ENG	Genl	Fr	I	II
Rapson, George Lyng	Oberon, N.Dak.	COM	LD	Fr	I	II
Rarick, Phyllis Catharine	Urbana	LAS	Genl	Fr	I	II
Raskin, Joseph	Chicago	DENT	Dent	1	S	I II
Rasmussen, Dorothy Jane	Table Grove	FAA	Art	Fr	I	II
Rasmussen, Dorothy Louise	Capron	LAS	Genl	Fr	I	II
Rasmussen, John Christian	Chicago	ENG	ME	So	I	
Rasmussen, Lore May, A.B.	Talladega, Ala.	GRAD	EDUC	U	S	
Rastrelli, Leonard Ugo	Chicago	ENG	EPhy	Sr	S	
Rathsack, Katherine Marie	Greenview	JNL	Jnl	Jr	S	I II
Ratliff, Mary Adelaide	Princeton, Ky.	LAS	Genl	Sr	S	
Raulins, Ida Elizabeth, A.B., B.S.	Ruston, La.	GRAD	LibSci	U	S	II
Ravely, Nellie Agnes	Jacksonville	AGR	HEcon	Sr	S	
Ravich, Erwin	Chicago	LAS	Genl	Fr	I	II
Ravlin, Lloyd Warren	Sugar Grove	MED	Med	1	S	I II
Rawson, Mary Alice Reifstick	Champaign	LAS	Genl	Fr	I	II
Ray, Helen Peers, A.B.	Rockford	GRAD	Educ	EM	I	II
Ray, Olive Catherine	Sidney	LAS	Genl	Fr	I	II
Rayburn, Edmund Lumsden	Champaign	AGR	Genl	Fr	I	
Rayburn, Roland Cecil	Champaign	AGR	Genl	Sr	S	
Raymer, Howard Stanley	Chicago	LAS	PDent	Jr	S	I
Rayner, Susie Jose	Chicago	FAA	Mus	Sr	I	II
Reace, Charles Willet	Chicago	COM	LD	Fr	I	II
Reace, Marie Florence	Chicago	LAS	Genl	Fr	I	II
Read, David Hadley, B.S.	Chicago	LAS	Genl	Fr	I	II
Read, Phyllis Eileen	Seattle, Wash.	GRAD	Chem	U	S	I II
Read, Robert M.	Putnam	AGR	HEcon	Sr	S	I II
Read, Stephen Walter	Oak Park	ENG	ME	Jr	S	I II
Reagan, Robert Joseph	Yale	LAS	PLaw	Fr	I	II
Reamer, Betty Jane	Oak Park	COM	LD	Fr	S	
Reardon, Mary Ellen	Chicago	LAS	Genl	Fr	I	II
Reason, Arthur Wesley, A.B.	Delavan	AGR	HEcon	Jr	I	II
Rebenstorf, Melvin Alfred	St. Louis, Mo.	GRAD	Educ	EM	I	II
Rebmann, Charles, Jr., B.S.	Aurora	LAS	Chem	Sr	I	II
Rebok, Carl	Danville	GRAD	Educ	U	S	I II
Rebstock, Mildred Catherine, A.B., A.M.	Springfield	ENG	Genl	Fr	S	I II
Redlich, Marcellus Reginald von	Elkhart, Ind.	GRAD	Chem	U	S	I II
Redman, Betty M.	Chicago	LAS	Chem	Fr	I	II
Redman, George Latimer	Bement	AGR	HEcon	Fr	I	II
Reeb, Jeanne Mary	Bloomington	ENG	ME	Fr	S	I II
Reece, Betty	Oak Park	LAS	Genl	So	I	II
Reed, Alex, B.S., M.S.	Brownstown	LAS	Genl	Fr	I	II
Reed, Amos E., A.B.	Brownstown	GRAD	AgEcon	EM	I	
Reed, Anna L. I., B.Ed.	Mounds	GRAD	Educ	EM	I	
Reed, Cecil Verne, B.S.	Du Quoin	GRAD	Engl	U	S	
Reed, Fay Dale	Springfield	GRAD	Educ	EM	I	II
Reed, Fern, B.S.	Chicago	LAS	Genl	Fr	S	I II
Reed, Grace Ellen, A.B.	Galatia	GRAD	Educ	EM	I	II
Reed, Howard A., B.S., A.M.	Alton	GRAD	Educ	U	I	II
Reed, Lester James, B.S.	Bloomington	GRAD	Educ	U	I	II
Reed, Mildred Irene	New Orleans, La.	GRAD	Chem	U	I	II
Reed, Quentin Harry, B.Ed.	Dundas	AGR	HEcon	Sr	S	I II
Reed, Ruth Carol	Murphysboro	MED	Med	2	S	I II
Reed, Sarah Rebecca, A.B., B.S.	Harvey	EDUC	Genl	Sr	S	I II
Reeder, Barbara Alice	Urbana	GRAD	LibSci	U	S	I II
Reeder, Georgia Ellen	Arthur	AGR	HEcon	So	I	II
Rees, Elisabeth Jane, A.B.	Arthur	AGR	HEcon	So	I	II
Reese, John Alan	Chicago	LIB	LibSci	1	S	
Reese, Teresa Marie	Minneapolis, Minn.	ENG	ME	Jr	I	II
Refieuna, John Tony	South Bend, Ind.	JNL	Jnl	Jr	I	II
Regnell, John Albin	Johnson City	ENG	CE	Fr	S	I II
Rehn, Irwin Martin	Evaston	LAS	PMed	Fr	S	I
Reichert, Carlos Clifford	Rock Island	LAS	Genl	Sr	S	
Reid, John Ronald	Virginia	AGR	Genl	Jr	I	II
Reid, Robert Allan	Chicago	ENG	Genl	Fr	S	I
Reid, Stuart Joseph	Evaston	LAS	PMed	Jr	S	I
Reifer, Ronald Marshal	Miami Beach, Fla.	LAS	Chem	Sr	S	
Reihmer, Vernoy Arthur, B.S., M.S.	Chicago	COM	LD	So	S	
Reilly, Carl Nelson	Elmhurst	MED	Med	2	S	I II
Reimann, Marilyn Ruth	Cairo	MED	Med	2	S	I II
Reincke, Marie Elizabeth, B.Ed.	Mokena	LAS	Genl	Fr	I	II
Reinert, John Edward	Mt. Carmel	GRAD	Hist	U	S	
Reinsberg, Walter	Wilmette	MED	Med	1	S	I II
Reis, Fritz, B.S.	Chicago	DENT	Dent	1	S	
Reisch, Cecile G.	Chicago	MED	Med	3	S	I II
	Springfield	EDUC	Genl	EM	I	II

Reisch, Harold Franklin, B.S.	Farmer City	GRAD	Soc	U		I	II
Reiss, Franklin Jacob, B.S., M.S.	Urbana	GRAD	AgEcon	U		I	II
Reithmaier, Lawrence William	Oak Forest	ENG	ME	Sr		I	II
Reitman, Robert, B.S.	Chicago	DENT	Dent	4	U	S	II
Reitsem, Robert H., A.B.	Urbana	GRAD	Chem	U		S	II
Reitz, Alberta Louise	Melvin	AGR	HEcon	Fr		I	II
Reitz, Frances Louise	Cicero	EDUC	Genl	Sr		I	II
Reizner, Burton Burrel	Oglesby	DENT	Dent	1		S	II
Remington, George Albin	Chicago	LAS	Genl	So		I	II
Renberg, Marian Neu	Tulsa, Okla.	LAS	Genl	So		S	II
Rendall, Robert Galbraith	Wheaton	ENG	ME	Fr		S	II
Rendleman, Russell David, B.Ed.	Anna	GRAD	Educ	EM		I	II
Rennels, Florence Merritt	Charleston	LAS	Genl	Fr		I	II
Rennick, Edyth Carolyn	Granville	LAS	PJnl	Fr		I	II
Rennie, Marion	Cairo	COM	LD	So		I	II
Rensch, Paul Alfred	Evanston	ENG	ME	Jr		S	II
Ressler, Corinne Faye	Dewey	LAS	Genl	Fr		I	II
Resnick, Jacob Meyer, B.S.	Syracuse, N.Y.	DENT	Dent	3		S	II
Resnick, Leon Harry	Chicago	PHARM	Pharm	4		I	II
Resnick, Melvin Harry	Chicago	PHARM	Pharm	4	U	S	II
Resor, Freda Mae, B.Ed.	Bloomington	GRAD	Educ	U		I	II
Rest, Bernard Sol, B.S.	Pearl City	AGR	Genl	Irr		S	II
Rest, Elvera Norma Lavine, B.S.	Santa Ana, Calif.	AGR	Genl	Irr		S	II
Rettig, Jane Elizabeth	Winnetka	LAS	Genl	Fr		I	II
Retzer, Anna Jean	Pearl	AGR	HEcon	Jr		S	II
Retzky, Herbert	Chicago	PHARM	Pharm	1		S	II
Reuben, Norman David	Chicago	LAS	Genl	Sr		S	II
Reuben, Paul	Chicago	DENT	Dent	2		I	II
Reuter, Elizabeth Marie, B.S.	Seward, Nebr.	LIB	LibSci	1	U	S	II
Revelle, Dennis Sylvester, B.Ed.	Highland	GRAD	Agr	U		S	II
Reyes, Mary Louise	South Beloit	LAS	Genl	So		I	II
Reymann, Shirley Gene	Sandwich	JNL	Jnl	Sr		S	II
Reynolds, Helen Margaret, B.F.A., A.B., B.S.	Urbana	GRAD	LibSci	U		I	II
Reynolds, Serilla Larimer, B.Ed.	Hindsboro	GRAD	HEcon	U		I	II
Rhodes, Bert Halbert	St. Louis, Mo.	LAS	PLaw	Fr		I	II
Rhodes, Faith Elaine	Mendota	AGR	HEcon	Fr		I	II
Rhymer, Esther Y., B.Ed.	Normal	GRAD	Bot	U		I	II
Rice, Dorothy Louise	Sheldon	AGR	HEcon	Fr		I	II
Rice, Imas Ward	Aurora	MED	Med	2		S	II
Rice, Marvin Arthur, B.Ed.	Altamont	GRAD	Educ	EM		I	II
Rice, William David, A.B., A.M.	Bourbonnais	GRAD	Physics	U		S	II
Rich, Helen May	Harvard	AGR	HEcon	Fr		I	II
Rich, Joseph McElroy, A.B., A.M.	Urbana	GRAD	Psychol	U		S	II
Rich, Marion Schneider, A.B.	Urbana	GRAD	Psychol	U		I	II
Rich, Wanda Elizabeth	Morton	LAS	Genl	Jr		I	II
Richard, Mary Patricia	Belleville	LAS	Genl	Fr		I	II
Richards, Mary Robinson	Chicago	MED	Med	1		S	II
Richards, Rose Ethel	Chicago	LAS	Genl	Jr		I	II
Richardson, Barbara Jean	Urbana	EDUC	Genl	Fr		I	II
Richardson, Nada Marie	Salem	FAA	Art	Jr		I	II
Richart, Kathryn Mary	Urbana	LAS	PJnl	So		I	II
Richman, Roslyn Lois	Chicago	LAS	Genl	Fr		I	II
Richmond, Kenneth Lowell	Chicago	LAW	Law	1		S	II
Richner, Kathryn Jane	Danville	LAS	Genl	So		I	II
Richtand, Arthur Traeger	Buffalo, N.Y.	COM	UD	Sr		S	II
Richter, Bernice	Chicago	LAS	Genl	Fr		I	II
Riddle, Louise	Mattoon	LAS	Genl	Fr		I	II
Ridsdale, June Anna	Downers Grove	LAS	Genl	Fr		I	II
Riedemann, Mary Augusta	Greenville	LAS	Genl	Fr		I	II
Riekes, Frieda	Omaha, Nebr.	LAS	Genl	So		I	II
Riesen, Donald Edward	Champaign	ENG	ME	Jr		I	II
Rieser, Willy, Jr.	New York, N.Y.	ENG	CE	So		S	II
Riess, Lavern Catherine	Mascoutah	LAS	Genl	So		S	II
Rietveld, Marguerite	Chicago Heights	AGR	HEcon	Fr		I	II
Rietz, Muriel Dorothy	Chicago	LAS	Genl	Sr		I	II
Rifkin, Herbert	Chicago	MED	Med	3		S	II
Riggin, Thelma Marie	Litchfield	LAS	Genl	Jr		I	II
Riggio, Phyllis Michaeline	Chicago	LAS	ChEng	Fr		I	II
Rigney, Alma Perrott, B.Mus.	Champaign	GRAD	Educ	U		I	II
Rikli, Arthur Eugene, A.B.	Naperville	MED	Med	3		S	II
Riklin, Bernard Meredith, B.S.	New York, N.Y.	DENT	Dent	3		S	II
Riley, John Frederick	Woodstock	ENG	ME	So		S	II
Riley, Wilma Irene, B.S.	Dix	GRAD	HEcon	U		S	II
Riman, Florence, Ph.B.	Chicago	LIB	LibSci	1		S	II
Ring, Robert M., B.Ed.	Springfield	GRAD	Educ	Jr		I	II
Ringel, Charlotte	Chicago	LAS	Genl	U		S	II
Ringness, John Richard	Peoria	LAS	Genl	Fr		S	II
Ripenber, Kenneth James, B.S.	Racine, Wis.	GRAD	Chem	U		I	II
Ripley, Helen Ester, B.Ed.	Pontiac	MED	Med	3		S	II
Rippel, Lorna Caroline, B.Ed.	El Paso	GRAD	Educ	U		I	II
Rippey, Opel Margaret, B.S.	Springfield	GRAD	Educ	U		S	II
Risley, Elizabeth Ellen	Mt. Carmel	AGR	HEcon	Jr		I	II
Ritchley, Hardin McLean, A.B., B.S.	Rushville	MED	Med	3		S	II
Ritchie, Mary Jane	Morrison	LAS	DGS	Fr		I	II
Rittenbaum, Allene	Atlanta, Ga.	LAS	Genl	Fr		I	II
Rittenhouse, Ernest Edward	Long Point	ENG	ME	Sr		I	II

Ritter, Dorothy Jean	River Forest	LAS	Genl	Jr	I	II
Ritter, George Wayne	Elmhurst	LAS	ChEng	Jr	S	I II
Rivard, Constance Marie	Kankakee	COM	UD	Sr	S	I II
Roach, Charles Joseph	Freeport	ENG	ME	Sr	S	
Roads, Robert Leland	Lockport	ENG	CE	Sr	S	I II
Roan, Jerry Ronald	Casey	ENG	ME	Sr	S	I
Roark, Genevieve, B.Ed.	Macomb	GRAD	PolSci	EM	I	
Roath, Charles Allen	Savanna	ENG	EE	Fr	I	
Robb, Daryl Gene	Salem	EDUC	Genl	Sr	S	
Robb, John Mary, Jr., A.B.	Peoria	LIB	LibSci	1	S	
Robb, Lucia Mary	Champaign	LAS	Genl	So	S	I II
Robbe, Charles Welch	Mt. Carroll	EDUC	Genl	Sr	S	
Robbins, Kenneth Carl, B.S., M.S.	Chicago	GRAD	PhysChem	C	S	I II
Robbins, Lyle Walker, A.B.	La Prairie	LAW	Law	3	S	I
Robbins, Margaret Anne	Urbana	LAS	Genl	Jr	S	I II
Roberson, William Sheard	Chicago	PHARM	Pharm	3	S	I II
Roberts, Charlotte Alice	Springfield	LAS	Genl	Sr	S	I
Roberts, Edward Alfred, Jr.	Chicago	ENG	ME	Sr	S	I II
Roberts, George Albert, A.B.	Chicago	MED	Med	3	S	I II
Roberts, Glenn Holman	Chicago	JNL	Jnl	Jr	I	II
Roberts, Helen Marjorie Padfield, A.B.	Champaign			Irr	S	
Roberts, John Arthur	Preemption	ENG	Genl	Jr	S	I II
Roberts, Malcolm Howard, B.S.	Urbana	GRAD	ChEng	U	S	I II
Roberts, Marjorie Mae	Ypsilanti, Mich.	LAS	Genl	Fr	I	II
Roberts, Mary Lou	Thompsonville	AGR	HEcon	Fr	I	II
Roberts, Mildred Lucile	Indianapolis, Ind.	COM	UD	Sr	S	I II
Roberts, Phyllis Benson	Akron, Ohio	LAS	Genl	Jr	S	II
Roberts, Ralph Dale	Melvin	LAS	ChEng	Sr	I	
Roberts, Richard Burt	Warroad, Minn.	LAS	Genl	Fr	S	
Roberts, Royston Murphy, A.B., A.M.	Urbana	GRAD	Chem	U	S	I II
Robertson, Gordon Hugh	Galesburg	ENG	Genl	Fr	I	II
Robertson, Roy Brown, B.S.	Hutchinson, Kans.	GRAD	PE	U	I	II
Robertson, Thomas Mills	Tallula	ENG	EE	Sr	S	
Robin, Sidney Woodrow, B.M.	Chicago	MED	Med	4	S	I
Robineau, Marjorie Joy	Chicago	JNL	EJnl	So	I	II
Robinson, Alexander Jacob, A.B., A.M.	Urbana	GRAD	Psychol	U	S	I
Robinson, Camilla Verlia, B.S.	East St. Louis	GRAD	Educ	EM	S	I II
Robinson, Charles Richard, A.B., A.M.	East St. Louis	GRAD	Math	EM	II	
Robinson, Donald George	La Grange	LAS	Chem	Fr	S	I
Robinson, Dorothy May	Peru	COM	UD	Sr	I	II
Robinson, Elsie Louise	Hays, Kans.	LAS	Genl	Sr	S	
Robinson, George Edward, Jr., B.S.	Louise, Miss.	AGR	Genl	Irr	I	II
Robinson, Hobart Clay, B.S.	Humboldt	AGR	Genl	Irr	I	II
Robinson, Irwin	Chicago	DENT	Dent	2	S	I II
Robinson, James Bradford, Jr.	Rockford	LAS	ChEng	Fr	S	I
Robinson, Josephine Anita, B.S.	Peoria	GRAD	Latin	U	S	
Robinson, Mark Tabor	Oak Park	LAS	ChEng	Fr	S	I II
Robinson, Marvin Jack	Chicago	DENT	Dent	2	S	I II
Robinson, Ralph Myer	Gary, Ind.	LAS	ChEng	Fr	S	I
Robinson, Richard Clark, B.S.	Chicago	MED	Med	3	S	I II
Robinson, Willard Bancroft, B.S., M.S.	Champaign	GRAD	Med	U	S	I
Robinson, William Wallace, B.Ed.	Coulterville	MED	AnHusb	1	S	I II
Robison, Emma Lou	Urbana		Unc	U	S	
Robison, James Troy, B.Ed., A.M.	Roxana	GRAD	Hist	U	S	
Robison, Ralph Eugene	Carbondale	ENG	CE	So	S	I II
Roby, Doris May	Detroit, Mich.	FAA	Art	Fr	I	II
Rochow, Caroline Violet	Chicago	COM	LD	Fr	I	II
Rochow, Julia Augusta	Chicago	LAS	Genl	Fr	I	II
Rockwell, Donelda	St. Charles	LAS	Genl	Fr	I	II
Rockwell, Harriet Esther, B.S.	Oneida, N.Y.	GRAD	Chem	U	I	II
Rockwell, Harriet Mary, A.B., A.M.	St. Charles	GRAD	Engl	U	I	II
Rodenhauser, Mary Frances	Peoria	LAS	Genl	Sr	I	
Rodine, John C., B.S.	Aberdeen, S.Dak.	MED	Med	4	S	I
Rodman, Leonard	Chicago	LAS	Genl	Fr	S	I II
Rodman, Olga Barbara	Canton			Unc	S	
Rodrick, Guy Edward	Chicago	AGR	Genl	Fr	I	II
Rodriguez, Aristides, C.E.	Ciudad Trujillo, Dominican Republic	GRAD	CE	U	I	II
Roe, Charlotte Lee	Oak Park	EDUC	Genl	Sr	S	I II
Roe, David Meyer	Chicago Heights	DENT	Dent	1	S	I II
Roe, Frances Shirley	Elmhurst	LAS	Genl	So	I	II
Roe, Lois Myrtle	Park Ridge	LAS	Genl	So	I	II
Roffman, Selwyn Zee	Omaha, Nebr.	COM	UD	Fr	I	II
Rogers, Donald Edward	Springfield	ENG	EE	Sr	I	
Rogers, Dorothy Jean	Chicago	LAS	Genl	Fr	I	II
Rogers, Lawrence Michestes	Chicago	FAA	ArchEng	Jr	I	II
Rogers, Leslie William	Mundelein	LAS	ChEng	Fr	S	I II
Rogier, Edgar Robert	Urbana	LAS	Chem	Sr	S	I II
Rohde, Hazel Georgia	Chicago	EDUC	Genl	Sr	S	I
Rohde, Milton William	Chicago	LAS	DGS	Jr	I	II
Rohner, Mary Clarke, A.B.	Chicago	PHARM	Pharm	2	S	I II
Roland, Irma Jean	Champaign	LAS	HEcon	Fr	I	II
Rolens, Rosemary	Springfield	AGR	HEcon	Jr	S	I II
Roll, Dorothy Eileen	Brocton	AGR	HEcon	Jr	S	I II
Roller, George Granville	Canton	LAS	ChEng	Sr	I	

Rolley, Margaret Elizabeth	Crawfordsville, Ark.	FAA	Arch	Sr	1	11
Rollman, Leades Calloway, Jr.	Springfield	ENG	EE	Jr	1	11
Roman, Sophie Hope	Chicago	FAA	Art	Fr	1	11
Romano, Robert Camillo	Chicago	LAS	Genl	So	S	1
Romer, Ramona Estelle	Chicago	AGR	HEcon	Fr	S	S
Romersberger, Richard George	Carlock	AGR	Genl	Sr	S	
Romick, Wilma Agnes	Harmon	LAS	Genl	So	1	11
Rommel, Ruth Phyllis	La Grange	LAS	Genl	Sr	S	S
Romppainen, N. Virginia	Waukegan	LAS	Genl	Jr	S	1 11
Roper, Eva Janette	Springfield	EDUC	Genl	Sr	S	1 11
Roos, Barbara Jean	Waukegan	LAS	Genl	So	1	11
Roosa, Walter Laidlaw, A.B.	Urbana	GRAD	Mus	U	S	1 11
Root, Clarice Irene, A.B.	Champaign	GRAD	Engl	U	1	11
Rooth, Frances Shirley	Chicago	LAS	Genl	Fr	1	11
Rosario, Carmen Margarita	Manati, Puerto Rico	LAS	Genl	Jr	1	11
Rose, Betty Ann	Bloomington	LAS	Genl	So	1	11
Rose, Phyllis Jeanne	Chicago	LAS	DGS	Fr	1	11
Rose, William Robert, B.S.	Chicago	MED	Med	4	S	1
Rosellini, Jean Adele	Summit	LAS	Genl	So	1	11
Roseman, Shirley	Chicago	PHARM	Pharm	1	S	
Rosen, Elaine Helen	Cincinnati, Ohio	LAS	Genl	So	1	11
Rosen, Irwin Elwood	Chicago	MED	Med	1	S	1 11
Rosen, Janice Ruth	Chicago	LAS	Genl	Fr	1	11
Rosen, Lorraine Sonia	Chicago	LAS	Genl	Fr	S	1 11
Rosen, Marilyn Jeanne	Cincinnati, Ohio	LAS	Genl	Fr	1	11
Rosen, Milton William	Chicago	PHARM	Pharm	4	S	1 11
Rosen, Ted	Chicago	DENT	Dent	2	S	1 11
Rosenbaum, Arnold Nathan	Deerfield	LAS	Genl	Fr	1	11
Rosenberg, Lawrence	Woodhere, N.Y.	AGR	Genl	Fr	1	11
Rosenberg, Layah Sybel	Chicago	LAS	Genl	Jr	1	11
Rosenberg, Ludwig Max	Chicago	LAS	PMed	So	S	1 11
Rosenberg, Shirley Rea	Rock Island	LAS	Genl	Fr	1	11
Rosenblatt, Freda	Detroit, Mich.	LAS	Genl	Fr	1	11
Rosenblum, Barbara	Chicago	LAS	Genl	Fr	1	11
Rosenblum, Phillip Marvin	New York, N.Y.	ENG	EE	So	1	11
Rosenblum, Phyllis Ruth	Chicago	LAS	Genl	So	1	11
Rosencranz, Robert	Chicago	ENG	EE	Fr	1	11
Rosendale, Rosalind Edna	Quincy	LAS	Genl	Fr	S	1 11
Rosenfeld, Lillian H.	Chicago	MED	Med	1	S	1 11
Rosengarden, Ronald	Chicago	LAS	PDent	Fr	S	1
Rosenstein, Arlene Frances	Chicago	LAS	Genl	Fr	1	11
Rosenthal, Florence	Chicago	LAS	DGS	Fr	1	11
Rosenthal, Louis	Chicago	ENG	EE	Sr	1	11
Rosenthal, Marvin	Chicago	LAS	Genl	So	S	
Rosenthal, Natalie Joy	Detroit, Mich.	LAS	Genl	Fr	1	11
Rosenthal, Ruth Dianne	Chicago	LAS	Genl	So	1	11
Roske, Maurine Eleanor, B.Mus.	Mt. Carroll	GRAD	U	1	1	11
Roske, Melvin Passon, Jr.	Mt. Carroll	LAS	PMed	So	1	11
Rosner, David Charles, B.S.	Chicago	MED	Med	4	S	1
Rosner, Marvin Aaron	Chicago	MED	Med	1	S	1 11
Rosner, Shirley Sylvia	Chicago	LAS	Genl	Fr	1	11
Ross, Betsy Ruth	Urbana	LAS	Genl	So	1	11
Ross, Elizabeth Leota, B.S.	Takoma Park, Md.	GRAD	Zool	U	1	11
Ross, Glenn Elrick	Mattoon	MED	Med	2	S	1 11
Ross, James Robert	Galveston, Tex.	ENG	ME	So	1	11
Ross, Jeanette	Urbana	LAS	Genl	Sr	S	1 11
Ross, John Edward	Chicago	LAS	Genl	Fr	1	11
Ross, Kay Watson	Urbana	LAS	PLaw	Fr	1	11
Ross, Lorena A.	Binghampton, N.Y.	LAS	Genl	So	1	11
Ross, Mary Frances	Galveston, Tex.	FAA	Arch	Fr	S	1 11
Ross, Priscilla	Rochester	EDUC	Genl	Jr	S	1 11
Rossell, Charles Edward, A.B.	Chicago Heights	MED	Med	3	S	1 11
Rossman, Renee Marilyn	Chicago	LAS	Genl	Fr	1	11
Roth, Gilbert Joseph	Chicago	LAS	Genl	Fr	1	11
Roth, Gus Franklin, B.Ed., A.M.	Niantic	GRAD	Educ	EM	1	11
Roth, Lloyd Ernest, B.Ed.	Watselka	GRAD	Educ	U	1	11
Roth, Paul Fort	Chicago	LAS	PDent	Jr	1	11
Roth, Violet	Detroit, Mich.	LAS	PDent	Fr	1	11
Rothberg, Gloria Muriel	Denver, Colo.	LAS	Genl	Fr	1	11
Rotheiser, Maurice	Chicago	LAS	Genl	Fr	S	1 11
Rothgangel, Martha Marie	Belleville	LAS	Genl	Fr	1	11
Rothgangel, Mary Jeanette	Belleville	LAS	Genl	Fr	1	11
Rothschild, Joan C.	Chicago	COM	LD	Fr	1	11
Rothstein, Pierre Gilbert	Chicago	LAS	PDent	Jr	1	11
Rotman, Georgine Adelle	Chicago	MED	Med	3	S	1 11
Rough, James D., A.B.	Montebello, Calif.	GRAD	Physics	U	S	
Rousonelos, Stanley Gus	Joliet	LAS	ChEng	Fr	1	11
Rovner, Renee	Chicago	LAS	Genl	Fr	1	11
Rowe, Barbara Joan	Kenney	LAS	PJnl	Fr	1	11
Rowe, Edward Mayes	Dallas City	LAS	Genl	So	S	1 11
Rowe, Marjorie May	Lockport	LAS	HECon	Sr	1	11
Rowitch, Jerome	Chicago	LAS	PMed	Fr	S	1 11
Rowland, Ralph Lawrence, B.Chem., M.S.	Urbana	GRAD	Chem	U	S	1 11
Roy, Ann	Rossville	LAS	Genl	Jr	1	11
Roy, Phyllis Marie	Kankakee	JNL	EJnl	Fr	1	11
Roy, Robert Eugene	Sullivan	LAS	Chem	So	S	

Royalty, Avis	Danville	FAA	Art	Sr		II
Royce, Martha Louise	Peoria	AGR	HEcon	Jr	S	I II
Rozen, Marvin Earl	Chicago	LAS	ChEng	So	S	I II
Rozycki, Robert Francis	Chicago	COM	LD	Fr		
Rozynkowitz, Marshall Raymond	Chicago	DENT	Dent	1	S	I II
Rubenstein, Joseph Leonard	Paterson, N.J.	DENT	Dent	2	S	I II
Rubenstein, Melvin, B.S.	Chicago	MED	Med	3	S	I II
Rubenzik, Shirley Doris	Chicago	LAS	Genl	Fr		I II
Rubin, Irving David	Chicago	COM	LD	Fr		I
Rubin, Wallace	Chicago	MED	Med	1	S	I II
Rubinstein, Joseph	Zurich, Switzerland	DENT	Dent	3	S	I
Rubinstein, Julius Louis	Chicago	ENG	EPhy	Sr	S	I
Rubinstien, Samuel Irwin	Chicago	MED	Med	2	S	I II
Rubio, Mary Kranos, A.B.	Champaign	GRAD	Span	U	S	I II
Ruby, Helen Maxine, B.S.	Champaign	GRAD	HEcon	U	S	
Rucker, Mildred Ellen	Danville	LAS	Genl	Fr		I II
Ruderman, Marshall Robert	Chicago	LAS	PDent	Jr		I II
Rudman, Jerome Hubert	Chicago	ENG	Genl	Fr		I II
Rudolph, Donald Ralph	Chicago	LAS	Genl	Fr	S	I
Rue, Shirley Lee	Springfield	LAS	Genl	Jr		I
Ruehe, Richard Williams	Urbana	LAS	Genl	Fr	S	I II
Ruehr, Henry Leonard	Chicago	MED	Med	3	S	I II
Ruester, Lynden A.	Lenzburg	LAS	PJnl	So		I II
Rueter, Mary Loretta	Gillespie	COM	LD	Fr		I II
Ruff, Louis	Chicago	PHARM	Pharm	3		I II
Rugg, John Edward	Greeley, Colo.	ENG	Genl	Fr		I
Rulison, Clyde Augustus, A.B.	Paxton	MED	Med	2	U	S I II
Rumble, Heber Eliot, A.B., A.M.	Urbana	GRAD	Educ	U	S	
Rundle, Helen Crawford, A.B.	Champaign	GRAD	Educ	U	S	II
Rundles, Charles Henry, A.B.	El Paso	MED	Med	4	S	I
Rundquist, John Frederick	Moline	AGR	Genl	So		I II
Runyan, Rosemary	Fairmount	LAS	Genl	So		I
Runyen, James Robert	Springfield	ENG	Genl	Fr	S	I II
Runyon, Larry	Springfield	ENG	EE	Fr		I II
Rushakoff, Sidney Louis	Chicago	FAA	Art	Jr		I II
Rusher, John Thayer	Peoria	ENG	Genl	Fr	S	I
Rushing, Dorothy Beal, A.B., A.M.	Urbana	GRAD	Engl	U		I II
Rushing, Lee, B.Ed.	Waterloo	GRAD	Educ	U	EM	I
Russell, Delpha Eva, B.Ed.	Industry	GRAD	Educ	U	S	I II
Russell, Helen L., A.B., M.S.	Urbana	GRAD	Educ	U	S	I II
Russell, Helen Ruby, B.Ed., A.M.	Anna	GRAD	Latin	U	S	
Russell, Joyce Shirley	Harvey	LAS	Psychol	Sr		I II
Russell, Robert Schenke	Maywood	LAS	Genl	Fr		I II
Russell, Virginia May	Western Springs	LAS	HEcon	Sr		I
Russman, Howard Bruno	Chicago	LAS	PMed	Fr		I
Rust, Albert Edward	Bunker Hill	ENG	ME	Sr		I
Rutan, Howard Gene	Fithian	ENG	EE	So	S	I II
Ruth, Dorothy Jane	Chicago	LAS	HEcon	Fr		I II
Ruth, Marjorie Frances	Chicago	FAA	Art	So		I II
Ruther, Robert Earl	Chicago	PE	PE	Fr		I II
Rutherford, Joseph C., B.Ed.	Decatur	GRAD	Educ	U	S	
Rutherford, Myrtle Susan, B.Ed.	Decatur	GRAD	Educ	EM		I II
Ruyle, Clifford Norvel	Hardin	COM	LD	Fr		I II
Ruyle, John Bryan	Champaign	LAS	PDent	Fr		I II
Ryan, Beth Durham	Evanston	LAS	PDent	So		I II
Ryan, Weldon Ernest, B.S., A.M.	Hartsburg	GRAD	Educ	U	S	
Rybarczyk, Janice Irene	Chicago	PE	PE	Fr		I II
Saar, Howard F., B.Ed.	Bloomington	GRAD	Educ	U		I II
Sabath, Mildred Rochelle	Chicago	LAS	Genl	Jr		I II
Sabatino, Gerald Joseph	Chicago	ENG	ME	Fr		I
Sachsel, Dorothy Jane	Chicago	LAS	Genl	Fr		I II
Sacks, Irwin Lewis	Chicago	ENG	EE	Fr		I II
Sacquet, Glenn, B.Ed.	Morton	GRAD	Educ	EM		I II
Sadow, Belle	Chicago	LAS	Genl	So		I II
Sadowsky, Norman M.	Brooklyn, N.Y.	LAS	PMed	Fr		I
Safford, Myra Ann	Maquon	AGR	HEcon	Jr		I II
Saifsbury, Muri Beauford, B.Ed., M.S.	Evanston	GRAD	Educ	U	S	
Sainai, Chester Bernard	Peru	PE	PE	Fr		I
St. Clair, Joan Claire	Glen Ellyn	LAS	PJnl	So		I II
St. Germaine, Richard	Zion	PE	PE	Fr		I II
St. John, Wayne L.	Danville	LAS	Chem	Fr		I
St. Marie, Eugene Joseph, B.Ed.	Newport, Vt.	GRAD	French	U		I II
Saiter, Violet Roseanne, B.Ed.	Marshall	GRAD	HEcon	U	S	
Saizow, Robert Edward	Kansas City, Mo.	LAS	ChEng	So		I II
Sakai, Gale Etsuko, A.B., B.S.	Wailuku, Maui, Hawaii	GRAD PHARM	LibSci Pharm	U 1	S	I II
Sakas, Mildred Irene	East Chicago, Ind.	COM	LD	Fr		II
Sakolsky, Albert Harold	Chicago	COM	LD	Fr		II
Salisch, Joyce	Chicago	FAA	Art	Fr		II
Salk, Arthur Phillip	Chicago	FAA	Arch	So	S	I
Salk, Robert Salem	Chicago	LAS	PMed	Fr		II
Salkeld, John Frederick, A.B.	Bloomington	GRAD	Educ	EM		I
Salyers, Charlotte Ann	Monticello	LAS	Genl	Fr		I II
Salyers, Estella Harryette	Monticello	PE	PE	Sr	S	I
Salyers, Julia Rose	Monticello	AGR	HEcon	Sr	S	I II
Salzman, Agnes Ann	Champaign	AGR	HEcon	Sr	S	

Samelson, Charles Frederick	Chicago	MED	Med	4	S	I	
Samford, Arthur Auburn, B.Ed.	Bluford	GRAD	Educ	U			
Samors, Josef Joel, D.D.S.	Chicago	GRAD	OralSurg	C	SS		
Sampson, Francis Thiel	Bloomington	ENG	EE	So		II	
Sampson, Herman Julian, Jr., A.B.	Ingleside	GRAD	Chem	U		I	II
Samson, Ellen Nelly	Chicago	COM	LD	So		I	II
Samuel, Albert Hermann Arjeh	Chicago	LAS	Chem	Sr	S		
Samuelson, Gladys Lucille	Hutchinson, Kans.	LAS	Genl	Jr		I	II
Samuelson, Ralph Eugene, A.B.	Bondville	MED	Med	3	S	I	II
Sanders, Jean Lois	Chicago	LAS	PJnl	Fr		I	II
Sanders, Samuel Taylor	Rock Island	DENT	Dent	3	S	I	II
Sanders, Shirley Anne	Waverly	LAS	PJnl	Fr		I	II
Sanderson, Guy Keith, B.S.	Stronghurst	LAW	Law	3		I	II
Sandford, Priscilla	Pontiac	COM	LD	Fr		I	II
Sandhaus, Elaine	New York, N.Y.	LAS	Genl	Fr		I	II
Sandquist, Glorianna Joye	Chicago	EDUC	Educ	Jr		I	II
Sandquist, Marilyn Alice	Chicago	AGR	HEcon	Jr		I	II
Sandri, August Victor	Chicago	ENG	Genl	Fr		I	
Sands, George Dewey, B.S., M.S.	Urbana	GRAD	Chem	U	S	I	II
Sands, Shirley Jean	Champaign	COM	LD	So		I	II
Sanford, Harold Lester	Chicago	LAS	PMed	Fr		I	II
Sanford, Marion Jean	Champaign	FAA	Mus	So		I	II
Sanford, Martha Lou, A.B., B.S.	Champaign	GRAD	LibSci	U	S		
Sanford, Mary Marguerite	Urbana	FAA	Mus	Jr		I	II
San Martin, Alfred	Chicago	LAS	Genl	Fr	S	I	II
Saposnik, Ruth	Chicago	LAS	Genl	Fr		I	II
Saquin, Evaleen Anita	Chicago	FAA	Mus	Fr		I	II
Sargent, Hugh Williams, A.B., A.M.	Alton	COM		1rr		I	II
Sargent, John William	Benton	ENG	EPhy	Fr	S	I	II
Sarnat, Leonard Arthur	Chicago	LAS	PMed	Sr		I	
Saslow, Earnest Joseph, A.B.	Chicago	MED	Med	3	SS	I	II
Sator, Harry Ray	Chicago	COM	LD	Fr		I	
Sattenstein, Robert Lee	Paterson, N.J.	DENT	Dent	3	S	I	II
Satter, Joseph Delee	Chicago	LAS	Genl	Fr	S	I	II
Satterlee, Frances Jeanne	Dixon	LAS	Genl	Fr		I	II
Satz, Harriet	Chicago	LAS	Genl	Fr		I	II
Sauer, Gordon Chenoweth	La Salle	MED	Med	2	S	I	II
Sauer, Nora E.	Chicago	LAS	Genl	Sr		I	II
Saunders, Kenneth D.	Roanoke	ENG	ME	Sr	SS		
Sautter, Marian Evangelyn	Highland	FAA	Art	Sr		I	II
Sawyer, Fern Elizabeth	Carlinville	LAS	Genl	Sr		I	II
Sawyer, Wilfred Grenfell	Chicago	LAS	Genl	So	S	I	II
Sax, Betsy Rose	Chicago	LAS	Genl	So		I	II
Sax, Blanche Mildred	Chicago	LAS	Genl	So		I	II
Saxon, Phyllis Anne	Chicago	LAS	PMed	Fr		I	II
Saxon, Richard George	Chicago	MED	Med	1	S	I	II
Sayad, John	Chicago	ENG	EE	So		I	II
Saylor, James Frederick, B.S.	Hutchinson, Kans.	DENT	Dent	3	S	I	II
Scag, Dane, A.B., M.S.	Urbana	GRAD	Physics	J	SS		
Scanlin, Betjean Marjorie	Olny	AGR	HEcon	Fr		I	II
Scanlon, Thomas Byron, A.B., B.S.	Decatur	MED	Med	4	S		
Schaap, Ward B., B.S.	Ootsburg, Wis.	GRAD	Chem	U		I	II
Schaar, Frances Elizabeth, A.B., M.S.	Mt. Morris	MED	Med	1	S	I	II
Schacht, Carl Hubert	Rockford	COM	LD	Fr		I	II
Schachter, Gerald Zalman	Chicago	LAS	PMed	So	S		
Schadt, Harold Otto	Chicago	LAS	Genl	Fr		I	II
Schaefer, Darlene Marie	Streator	LAS	Genl	Jr		I	II
Schaefer, Herman Fred, Jr.	Chicago	ENG	EPhy	Jr	S	I	II
Schaefer, Jane Louise	Forrest Park	AGR	HEcon	So		I	II
Schafer, Karl Herman	Elizabeth	ENG	ME	Sr		I	II
Schaffer, Dolores Anita	Chicago	LAS	Genl	Fr		I	II
Schaffer, Shirlee Bell	Chicago	LAS	Genl	So	S		
Schaffner, Carol Lois	Chicago	AGR	Genl	So		I	II
Schaffner, Harold Bernard, B.S.	Chicago	MED	Med	4	SS		
Schaffner, Perry Julius	Chicago	FAA	Arch	Fr		I	
Schaidner, Ben	Chicago	LAS	PDent	Fr		I	
Schairer, Arne Everett	Burlington	LAS	PMed	Jr	S		
Schaller, Philip Douglas	Chicago	COM	UD	Jr		I	II
Schanck, Roger Dale	Chicago	PE	PE	Fr		I	II
Schar, Gladys Beatrice	Chicago	AGR	HEcon	Fr		I	II
Scharff, Betty Jane	Chicago	LAS	Genl	Sr	S		
Scharff, Nancy Elizabeth	Chicago	LAS	Genl	Fr		I	II
Schark, Ralph Herbert	Naperville	ENG	Genl	Fr	S		
Schatz, Geraldine Ann	Chicago	LAS	Genl	So		I	II
Schatzman, Vivian Rochelle	Chicago	LAS	Arch	Fr		I	II
Schaub, Richard Guthrie	Highland, Ind.	FAA	Arch	Sr		I	II
Schayes, Hazel Ruth, A.B.	Brownstown	MED	Med	3	SS		
Schechter, David Oliver	Crystal, Mich.	AGR	Genl	Jrr	S	I	II
Scheck, Murray	Brooklyn, N.Y.	LAS	ChEng	Fr		I	II
Scheffer, Dorothy Maxine	Atwood	ENG	Cer	Fr		I	II
Schell, Donald Charles	Chicago	ENG	Cer	Fr		I	II
Schell, Phyllis Halcie Bertha	Chicago	LAS	Genl	Fr		I	II
Schenckes, Aileen Rhoda	Chicago	LAS	Genl	Fr		I	II
Schenk, Mary Louise	Kansas City, Mo.	LAS	Genl	Jr		I	II
Scherer, Helen Duglison	Evanston	LAS	Genl	Jr		I	II

Schermer, Estelle Grace	Granite City	LAS	Genl	Fr	II
Schert, Alexander William	Park Ridge	PE	PE	Fr	I
Schertiger, Ann Marie	Champaign	COM	LD	Fr	I II
Schertz, Alice Mae	Danvers	LAS	Genl	Fr	S
Schick, Harold Lincoln	Dixon	LAS	ChEng	Sr	S I
Schickedanz, Harlan John	Danville	ENG	ME	Sr	I II
Schiermann, Thomas George	Carlisle	ENG	ME	Sr	S
Schiesher, Annabel Kathryn	Hampshire	LAS	Genl	Jr	S I II
Schietinger, Hubert Mathias	Bridgeport, Conn.	ENG	CE	Sr	I
Schiff, Martha May	Webster Groves, Mo.	LAS	Genl	Fr	I II
Schiffedercker, Vincent Paul	Centralia	COM	LD	Fr	S I
Schiller, Filmore	Chicago	MED	Med	1	S I II
Schimpf, Charles Richard	Freeport	LAS	Chem	Fr	I II
Schlake, Ruth Holle, A.B.	Chicago	GRAD	Engl	U	S II
Schlecht, Eleanor Jane	Rossville	LAS	Genl	Jr	I II
Schlehuber, Robert Clarence	Peoria	LAS	ChEng	Fr	I II
Schlesinger, Eleanor Adele	Chicago	FAA	Art	Fr	I II
Schlesinger, Robert B.	Chicago	MED	Med	1	S I II
Schlinkert, Barbara Kohl	Centralia	AGR	HEcon	Sr	S I II
Schloemer, Howard Frederick, B.S., Ph.G.	Menomonee Falls, Wis.	GRAD	Pharmacol	C	S I II
Schlotthauer, Beatrice Hendershot	Chicago	AGR	HEcon	Jr	I II
Schlotthauer, Joseph	Chicago	LAS	Chem	Jr	I II
Schmaling, Roberta Helen	Rockford	JNL	ENJl	So	I II
Schmeckebier, Jayne Laun	Chicago	JNL	Genl	Fr	I II
Schmelzle, William Joseph	Freeport	LAS	Jnl	Sr	S I II
Schmidt, Adeline Margaret	Chicago	LAS	Genl	Fr	I II
Schmidt, Arline Marie	Chicago	LAS	DGS	So	I II
Schmidt, Jay Herman	Chicago	MED	Med	1	S I II
Schmidt, Lois Virginia	Bensenville	AGR	HEcon	So	I II
Schmidt, Robert George, B.S.	Freeport		Irr	U	S
Schmiedeskomp, Ruth Jean, A.B.	Clayton	GRAD	Math	U	S
Schmitt, Bruce Val	Quincy	ENG	Genl	Fr	S
Schmitt, John Earl	Mendota	ENG	CE	Sr	S I
Schmitt, Patsy	Carlinville	LAS	Genl	So	I II
Schmitz, Helen, B.S.	Quincy	GRAD	Educ	EM	I II
Schmitz, Marion Barbara	Chicago	EDUC	Genl	Jr	I II
Schmitz, William Rudolph	Percy	LAS	ChEng	Sr	S I II
Schmoeger, Barbara Louise	Washington	LAS	Genl	So	I II
Schmunk, Grace Harriett	Park Ridge	LAS	Genl	So	I II
Schneewind, John Howard	Chicago	LAS	PMed	So	S I II
Schneider, Howard William, A.B.	Chicago	MED	Med	3	S I II
Schneider, Leila Gerdes, A.B.	Peoria	GRAD	Engl	U	I II
Schneider, Leonard Bernard, A.B., A.M.	Chicago	DENT	Dent	1	S I II
Schneider, Nila Jean	East St. Louis	AGR	HEcon	Fr	I II
Schneider, Paul Eugene	Chicago	COM	LD	Fr	S
Schneidewind, Hugh Edward	Belleville	ENG	ME	Sr	S
Schnitzer, Emanuel	Chicago	ENG	ME	Sr	S
Schobert, Rudolph Carl	Chicago	PHARM	Pharm	1	S I II
Schoch, Marjorie Regina, B.S.	Indianapolis, Ind.	LIB	LibSci	1	II
Schoen, Edgar Jacob	New York, N.Y.	LAS	PMed	Jr	S I II
Schoggins, Carl A.B., A.M.	Pell City, Ala.	GRAD	Span	U	S
Schoggins, Faith	Urbana	COM	Unc		II
Schomburg, Ferne Thelma	Homer	LAS	Genl	Fr	S
Schoneberg, Sheldon	Chicago	LAS	PMed	Fr	S
Schoof, Wilbur Willis, A.B.	Council Grove, Kans.	GRAD	Physics	U	S I II
Schooler, Leon Dorian	Chicago	DENT	Dent	2	S I II
Schooley, Mary Frances, A.B., A.M.	Fisher	LIB	LibSci	1	S
Schoolman, Harold Marcus	Chicago	LAS	Genl	Sr	S
Schoon, Theodore C.	Forreston	PHARM	Pharm	2	S I II
Schrader, Lillian Irene	Bridgeport	AGR	HEcon	So	I II
Schralla, Miriam Pauline	Quincy	LAS	Genl	Fr	S I II
Schricker, Bruce Sutherland	Rockford	COM	LD	So	I II
Schricker, Oscar Wolfe	Rockford	ENG	Genl	Fr	S
Schriner, Donald Dain, B.Ed.	Villa Grove	GRAD	Educ	U	S
Schroder, Robert Craig	Rock Island	LAS	Genl	Fr	I II
Schroeder, Dorothy Marie	Taylorville	FAA	Art	Fr	S I II
Schroeder, Grayce	Strasburg	LAS	Genl	So	I II
Schroeder, Herman William	Du Quoin	LAS	Genl	Fr	S I
Schroeder, Marjorie Ann	Du Quoin	EDUC	Genl	Sr	S I
Schroeder, Mary Jeanette	Gibson City	AGR	HEcon	Sr	S I II
Schroeder, Vlasta Harrold	Brighton	EDUC	Genl	Sr	S
Schroeder, Winona Ruth	Altamont	LAS	Genl	Fr	I II
Schroepfer, Edward James, B.Mus.	Champaign	GRAD	Mus	U	S I II
Schroth, Abbie M.	Effingham	EDUC	Genl	EM	S I
Schuber, Eric Arno	Elgin	LAS	PLaw	Fr	I
Schubert, Elliot Norris	Chicago	LAS	Chem	Sr	S I
Schubert, Jewell Emma, B.S.	Chicago	GRAD	Math	U	I II
Schubert, Patricia Mardis	Silvis	LAS	Genl	Fr	I II
Schuder, Jean Louise	Sumner	AGR	HEcon	Fr	I II
Schuder, John Claude	Sumner	ENG	BE	Sr	S
Schulenberg, Richard H.	Urbana	ENG	Genl	Fr	S I
Schulman, Esther	Chicago	LAS	Genl	Fr	I II
Schulte, William Charles	Vandalia	DENT	Dent	1	S I II
Schultz, Alvin Alexander	Chicago	LAS	Genl	Sr	S
Schultz, Charles Robert	Springfield	ENG	EE	Jr	I II

Schultz, Richard D.	Joliet	PHARM	Pharm	2	S	I	II
Schultz, Shulamith	Chicago	JNL	Jnl	Sr	S	I	II
Schulz, LeRoy Gregor, B.S., M.S.	Urbana	GRAD	Physics	U	S	I	II
Schumacher, Margaret Louise	Chicago	LAS	Genl	Fr			
Schumaker, John Abraham	Marshall	LAS	Genl	Fr		I	II
Schuman, Ben Nathan	Chicago	LAS	PMed	So	S		
Schumer, William	Chicago	LAS	PMed	Fr			II
Schupack, Aaron	Chicago	PHARM	Pharm	2	S	I	II
Schussler, June Rose	Orland Park	LAS	Genl	Fr		I	II
Schuster, Bay Marner, B.S.	Highland	GRAD	Educ	EM		I	II
Schutter, Jay Henry	Rock Island	ENG	ME	Sr	S		
Schutz, Paul Jeffrey, A.B.	Chicago	MED	Med	3	S	I	II
Schwager, Ruth Ann	Chenoa	JNL	EJnl	So	S	I	II
Schwagmeyer, Ella, A.B., A.M.	Quincy	GRAD	Educ	EM		I	
Schwalbe, Gertrude Carol	Urbana	LAS	DGS	Fr		I	II
Schwark, Eileen Katherine	Chicago	PE	PE	Jr		I	II
Schwartz, Ada Elizabeth, A.B.	Quincy	LIB	LibSci	1	S		
Schwartz, Dolores Jeanelle	Urbana	LAS	PMed	Fr		I	II
Schwartz, Edward Harold	Chicago	COM	UD	Jr			II
Schwartz, Eleanor Rose	Chicago	LAS	Genl	Fr		I	
Schwartz, Harold Daniel	Chicago	ENG	Genl	Fr		I	
Schwartz, Joseph	Plainfield, N.J.	LAS	Genl	So		I	II
Schwartz, Maurice	San Salvador, Central America	LAS	Genl	Sr	S	I	II
Schwartz, Melvin Louis	Chicago	LAS	PMed	So	S		
Schwartz, Michael	Chicago	LAS	ChEng	Fr		I	II
Schwartz, Nathan	Peoria	ENG	EPhy	Sr	S	I	
Schwartz, Pierre	San Salvador, Central America	LAS	ChEng	Sr	S	I	II
Schwartz, Sally Hazel	Chicago	LAS	Genl	So	S	I	II
Schwartz, Howard	Brooklyn, N.Y.	LAS	P Dent	So	S	I	II
Schwarz, Elizabeth Wilhma, B.Ed.	Wataga	GRAD	Educ	EM		I	II
Schwarzlose, Paul Fowler, B.S.	Urbana	GRAD	EE	U	S	I	II
Schweickart, Ruth Louise, B.S., B.S.	Urbana	GRAD	LibSci	U	S	I	II
Schweitzer, Albert William, B.S.	Lexington	MED	Med	4	S	I	
Schwemmer, Rita Elizabeth	Belleville	AGR	HEcon	So		I	
Schwerdtfeger, Verena Helen	Altamont	LAS	Genl	Fr		I	II
Schwid, William Ellis, A.B.	Chicago	MED	Med	3	S	I	II
Schulst, Warren Wiegand	Bloomington	FAA	Arch	Sr		I	
Scislowicz, Miecislau John M.	Chicago	DENT	Dent	3	S	I	II
Scislowicz, Thaddeus Anthony, B.S.	Chicago	DENT	Dent	4	S	I	II
Scott, Annabel	Champaign	JNL	Jnl	Jr		I	II
Scott, Doris Eleanor	Chrisman	LAS	Genl	Sr	S		
Scott, Gerry Dee, Jr.	Wyoming	LAS	PMed	So		I	II
Scott, Isabell Thompson	Saybrook	LAS	Genl	So		I	II
Scott, Jacquelyn Beth	Urbana	LAS	Genl	So	S	I	II
Scott, Kathryn Jane	Canton	LAS	Genl	So			
Scott, Mary Frances, A.B., A.M.	Jacksonville	GRAD	Engl	U	S		
Scott, Merrill Blood	Lincoln	COM	LD	Fr			II
Scott, Norma Marie	Ingleside	LAS	Genl	Fr	S		
Scott, William Samuel	Chicago	ENG	EPhy	Sr	S	I	
Scouffas, Eva Belle	Urbana	LAS	Genl	Fr			II
Seaberry, James Jordan, A.B.	Chicago	LAW	Law	3	S		
Seabright, Helen Kathryn	Springfield		Unc	S			
Seales, Elizabeth Virginia	Auburn	LAS	Genl	Jr		I	II
Seaman, Edna Mary	Mattoon	LAS	Genl	So		I	II
Seaney, Wendell Earle	Robinson	EDUC	Genl	Fr	S		
Searle, Gordon Wentworth, B.S.	Craunston, R.I.	MED	Med	2	S	I	II
Seay, Charles Edward	Springfield	COM	UD	Jr		I	II
Sebastian, Nettie Elaine	Robinson	LAS	Genl	Fr		I	II
Sebek, Charles J. E.	Streator	COM	UD	Sr	S	I	
Sebek, Roy Otto, B.S.	Chicago	GRAD	Chem	C	S	I	II
Secrist, Edna Mae, A.B.	Rockford	GRAD	PolSci	U		I	II
Sedgwick, Marilyn	Peoria	FAA	Art	Fr		I	II
Seelber, Dorothy Ann	Champaign	COM	LD	So		I	II
Seed, Kathryn Deanne	Urbana	LAS	OccTher	Fr		I	II
Seeds, Beverly Arlene	Buda	AGR	HEcon	Jr		I	II
Seeds, Robert Glenn	Bradford	DENT	Dent	1	S	I	II
Seeman, Arthur Edward	Jacksonville	EDUC	Genl	EM			II
Segal, Peter Bernard, B.S.	Chicago	MED	Med	1	S	I	II
Seibert, Delbert J.	Freeburg	AGR	Genl	Sr	S	I	
Seibert, Henri Cleret, B.S., M.S.	Baltimore, Md.	GRAD	Zool	U	S		
Seibert, Leola Mae	Hennepin	LAS	Genl	Sr	S	I	
Seidman, Joseph Isreal	Chicago	ENG	CE	Fr		I	
Seidmon, Howard Burton	Chicago	LAS	PMed	Fr			II
Seidner, Howard Mayo, B.S.	Chicago	MED	Med	3	S	I	II
Seifer, Howard Alan	Chicago	COM	LD	Fr		I	
Seiff, Marvin Aaron	Chicago	LAS	Genl	Fr			II
Seitz, Rachel Lucille	Sullivan	LAS	Genl	Jr			II
Seitz, Sara Louise, A.B.	Catlettsburg, Ky.		Irr	S	S		
Seitzinger, Grover Leonard	Flat Rock	LAS	PMed	Fr	S	I	
Selby, Laura Caton, A.B.	Oak Park	LIB	LibSci	1	S	I	II
Self, Harriet Maurine, A.B.	Saunemin	GRAD	Educ	U	S		
Selciovitz, Elaine Ione	Champaign	PE	PE	Fr		I	II
Seligman, Daniel	Athens	COM	UD	Jr		I	II
Seligman, Jean	Waban, Mass.	LAS	Genl	Fr		I	II

Selimos, Gloria Mary	Oak Park	LAS	Genl	So		I	II
Selkirk, William Johnstone	Cincinnati, Ohio	ENG	Genl	Fr	S	I	
Sell, Elaine Margaret	Chicago	LAS	Genl	Fr		I	II
Selle, Virginia Carol	Oak Park	LAS	Genl	Fr		I	
Sellers, Leo M., B.Ed.	Ferris	GRAD	Educ	EM		I	II
Sellers, Mary Hopkins	Springfield	LAS	Genl	Jr	S	S	
Sellers, Mary Jean	Kankakee	LAS	Genl	Sr	S	S	
Sellett, Thomas, B.S.	Charleston	MED	Med	4		I	
Sellin, Gloria Elene	Chicago	AGR	HEcon	Fr		I	II
Sellstrom, Richard Elmer	Mattoon	ENG	ME	Fr		I	II
Selter, Roberta Rose	Antioch	EDUC	Genl	Jr	S	I	II
Selzer, Louis J.	Wauwatosa, Wis.	FAA	Arch	Sr	S	I	
Seng, Orris Arthur	Roberts	LAS	PMed	Fr	S		
Senger, John David	Franklin Grove	COM	UD	Sr			II
Senn, William Franklin, B.S.	Urbana	GRAD	Educ	U			II
Senneff, Rosalind Jane	Moline	AGR	HEcon	Sr	S	I	II
Sered, Edith	Chicago	LAS	Genl	Sr		I	II
Serpico, Ralph Martin	Melrose Park	PE	PE	Fr		I	II
Serson, John Joseph	Chicago	ENG	ME	Sr	S	I	II
Severns, William Harrison	Urbana	LAS	ChEng	Sr	S	I	II
Severson, James Melvin, Jr.	Rockford	MED	Med	2	S	S	I
Seward, Frieda Maxine	Donovan	COM	UD	Sr	S	S	I
Sewell, Doris Caroline	Murphysboro	LAS	Genl	Fr	S	I	II
Sexton, Grace Harriman, B.S.	Urbana	FAA	Mus	Irr		I	II
Sexton, Haskell Orlando, B.S., M.S.	Urbana	GRAD	Mus	U		I	II
Sexton, Robert Ross	Ipava	MED	Med	1	S	I	II
Seymour, Marian	Benton	LAS	PJnl	Fr	S	I	II
Shackel, Joanne	Chicago	LAS	Genl	Jr		I	II
Shacoff, Norman Howard	Chicago	LAS	PMed	Jr	S	I	II
Shacter, James Detmers	Chicago	LAS	PMed	Fr		I	II
Shadle, Paul Wolfgang	Ringwood	ENG	EPhy	Jr		I	II
Shadley, Glen William	Effingham	ENG	ME	Fr	S	S	I
Shaff, Ruth Virginia	Belvidere	LAS	Genl	Sr			
Shaffer, Hazel Marie	Pontiac	EDUC	Genl	Jr	S		
Shafrohn, Harriet	Chicago	LAS	Genl	So			II
Shaftal, Elaine Estelle	East St. Louis	LAS	Genl	Fr		I	II
Shainin, Martin Robert	Chicago	LAS	PDent	Fr		I	II
Shalova, Charles Herman, B.S.	Chicago	MED	Med	2	S	I	II
Shalek, Robert James	Chicago	ENG	EE	Sr		I	
Shales, Robert Glenn, B.S.	Des Plaines	DENT	Dent	4	S	I	II
Shalit, Eugene Michael	Morristown, N.J.	LAS	Jnl	Fr		I	II
Shalizi, Abdul Sattar, B.S.	Ghuzni, Afghanistan	GRAD	Educ	U	S	I	
Shallcross, Raymond William	Glen Ellyn	MED	Med	1	S	I	II
Shalowitz, Leonore	Chicago	COM	LD	Fr		I	II
Shames, Ruth Estelle	Chicago	LAS	Genl	Sr		I	
Shankman, Adeline	Chicago	LAS	Genl	Fr		I	II
Shankman, Elaine Dorothy	Chicago	LAS	Genl	Jr		I	II
Shanks, Agnes, Ph.B.	Carlinville	GRAD	Educ	U	S	I	
Shannon, Frederick Albert, A.B.	Champaign	LAS	PMed	Irr			
Shannon, Mary Margaret	Champaign	LAS	Genl	Sr	S	I	
Shapero, Shirley Joyce	Louisville, Ky.	LAS	Genl	So			
Shapiro, Abraham Jacob, B.S.	Monteta	DENT	Dent	3	S	I	II
Shapiro, Alan	Mt. Vernon, N.Y.	LAS	Genl	Fr		I	
Shapiro, Beverly	Chicago	MED	Med	2	S	I	II
Shapiro, Daniel, B.S.	Chicago	MED	Med	2	S	I	II
Shapiro, Harry Robert, B.S.	Chicago	DENT	Dent	3	S	I	II
Shapiro, Joseph, B.S.	Chicago	MED	Med	4	S	I	II
Shapiro, Nehemiah	Chicago	LAS	PLaw	Fr	S	I	II
Shapiro, Rita Nanette	Chicago	LAS	Genl	Fr		I	II
Shapiro, Roger Lee	Chicago	LAS	PMed	Fr	S	I	II
Shapiro, Sally	Chicago	LAS	Genl	Fr		I	II
Shapiro, Seymour William	Chicago	LAS	PMed	Fr	S	I	II
Share, Isaiah A.	Chicago	LAS	PMed	Fr	S	I	II
Sharkey, Lucille Knefner	Chicago	AGR	HEcon	Jr		I	II
Sharkey, Viola Irene	Chatsworth	LAS	Genl	Sr		I	II
Sharp, George Robert	Vandalia	FAA	Arch	So		I	II
Sharpe, Betty Thea	Chicago	AGR	HEcon	Fr		I	II
Sharpe, Donald Martin, A.B., A.M., M.Ed.	Urbana	GRAD	Educ	U	S	I	II
Sharpe, Estelle Ethel	Chicago	LAS	PJnl	Fr		I	II
Sharpe, Merla Beatrice, B.S.	St. Louis, Mo.	GRAD	Educ	EM		I	II
Sharpless, Beatrice Elizabeth, A.B.	Wilmington, N.C.	GRAD	Engl	U		I	II
Sharps, Irving Jerome	Chicago	JNL	EJnl	Fr		I	
Sharts, Phyllis Regenia	Scotia, N.Y.	LAS	Chem	Fr		I	II
Shatavsky, Sam Morris	Chicago	ENG	EE	Sr	S	I	
Shattuck, Mildred Lemira	Belvidere	LAS	Genl	Jr		I	II
Shatz, Shirley A.	Chicago	AGR	HEcon	Sr	S	I	
Shaw, Arline Louise	Chicago	LAS	ChEng	Fr		I	II
Shaw, Betty Lorraine	Belvidere	LAS	Genl	Jr	S	I	II
Shaw, William Russell, A.B.	Champaign	GRAD	Philos	U			II
Shayman, Benjamin	Chicago	FAA	Arch	Sr	S		
Sheahan, Edward Gregory	Highland Park	COM	LD	Fr		I	II
Shearer, Mary Louise	Wyoming	LAS	Genl	So		I	II
Sheehy, Ann Catherine	Chicago	LAS	Hist	Sr	S		
Shefferman, Layne	Chicago	LAS	Genl	Jr		I	II
Sheffield, Alonzo Daniel, Jr., B.S.	New Orleans, La.	DENT	Dent	1	S	I	II
Shekleton, Joseph Francis, B.S., M.S.	Urbana	GRAD	Chem	U	S		

Sills, Robert Allan, A.B., B.S.	Chicago	MED	Med	4	S	I	II
Silver, Alene F., A.B.	Chicago	GRAD	Physiol	C			II
Silverman, Marilyn Pearl	Chicago	COM	LD	Fr		I	II
Silvers, Eleanor Jane	Sheldon	LAS	Genl	Fr		I	
Silverstein, Sidney	Chicago	LAS	PMed	Fr	S	I	II
Silvertrust, Donald Aaron	Chicago	COM	LD	Fr		I	II
Simcox, Carroll Eugene, A.B., B.D.	Champaign	GRAD	Engl	U	S	I	II
Simeone, Salvatore Benjamin	Medford, Mass.	ENG	CE	Sr		I	
Simkin, Doris	Chicago	AGR	HEcon	Fr			II
Simkin, Morris, A.B., B.S.	Passaic, N.J.	DENT	Dent	4	S	I	II
Simmons, Welby W.	Geff	AGR	Genl	Sr	S	S	
Simon, Catharine Glenore	Champaign		Unc		S	S	
Simon, Dorothy Sarah	Champaign	LAS	Genl	Sr	S	I	II
Simon, Gladys	Chicago	LAS	Genl	So		I	II
Simon, Joanne Evelyn	Chicago	LAS	Genl	So		I	II
Simon, Marshall Urkov	Chicago	MED	Med	2	S	I	II
Simonian, Michael Nazareth	Waukegan	ENG	ME	Sr	S	I	
Simons, Robert Louis	Chicago	LAS	PMed	Jr	S	I	
Simpson, Audrey Mae	Chicago	LAS	Genl	So		I	II
Simpson, Caroline	Taylorville	COM	LD	Fr		I	
Simpson, Charles Reagan	Danville	LAW	Law	1		I	II
Simpson, Claude H., B.Ed.	West Frankfort	GRAD	Educ	U	S		
Simrall, Dorothy V., A.B., A.M.	Morris	GRAD	Psychol	U		I	II
Sims, Arthur DeWitt	Chicago	COM	LD	Fr		I	
Sims, Mary Florence	Scales Mound	COM	LD	Fr		I	II
Singer, Bernard Albert	Chicago	LAS	Genl	Fr		I	
Singer, Eleanor Beatrice	Chicago	LAS	Genl	So		I	
Singer, Marcus George	Great Neck, N.Y.	LAS	Genl	Fr		I	
Singer, Meyer Jerome	Chicago	MED	Med	1	S	I	II
Singer, Morse Beryl	Urbana	ENG	ME	Jr	S	S	
Singleton, Jack Wilson	White Hall	MED	Med	3	S	I	II
Singsen, Edwin P., B.S., M.S.	Storrs, Conn.	GRAD	AnHusb	U	S	I	II
Sinow, Garland Stanley, B.S.	Dixon	MED	Med	3	S	I	II
Sintov, Mois J.	Sofia, Bulgaria	PHARM	Pharm	4	S	I	II
Sircus, Sidney Bernard	Brooklyn, N.Y.	DENT	Dent	1	S	I	II
Sirota, Belle	Davenport, Iowa	LAS	Genl	Jr		I	II
Sisson, Janet Marie	Quincy	LAS	Genl	Fr		I	II
Sister, Adams, Ida Marie, A.B.	Springfield	GRAD	Educ	U	S	S	
Sister, Baber, M. Tharia	Omaha, Nebr.	EDUC		Unc	S	S	
Sister, Bach, Clement Marie	Chicago		Unc	S	S		
Sister, Barth, M. Coleta, B.Ed.	Bloomington	GRAD	Educ	EM		I	II
Sister, Blunck, M. Colette, B.S.	Effingham	GRAD	Educ	EM		I	
Sister, Buntun, M. Albeus, B.S., M.S.	Springfield		Irr	S	S		
Sister, Carpenter, M. Alphonsa, A.B., A.M.	Peoria	GRAD	Engl	U	S	S	
Sister, Conway, Marian, A.B.	River Forest	GRAD	French	U	S	S	
Sister, Dailey, Rose Edward, A.B., A.M.	Peoria	GRAD	Educ	U	S	S	
Sister, Daly, Leo Marie	Springfield		Unc	S	S		
Sister, Dekum, M. Ethelbert, A.B., A.M.	Teutopolis	GRAD	Engl	EM		I	
Sister, Dippel, M. Paul	Danville	LAS	Genl	So		I	
Sister, Duffey, M. Bernadetta, A.B.	Chicago	GRAD	Educ	U	S	S	
Sister, Einig, Beata Marie	Springfield		Unc	S	S		
Sister, Ernst, M. Jose, Ph.B., A.B.	River Forest	GRAD	LibSci	U	S	S	
Sister, Fox, Harrita, A.B., A.M.	Chicago	GRAD	Hist	U	S	S	
Sister, Gilmore, M. Donald, A.B.	Oklahoma City, Okla.	GRAD	Educ	U	S	I	
Sister, Graniczna, M. Bronisia	Chicago	AGR	HEcon	Fr		I	II
Sister, Gunning, M. Isobelle, A.B., A.M.	Springfield	GRAD	Engl	U	S	S	
Sister, Hagan, M. Martinette, A.B., M.S.	Chicago	GRAD	Chem	U	S	S	
Sister, Happers, Ann Terese	Springfield	FAA	Mus	Fr	S	S	
Sister, Hessler, M. Gretchen, A.B., A.M.	River Forest	GRAD	Germ	U	S	I	II
Sister, Heyman, Jerome, A.B.	Chicago	GRAD	LibSci	U	S	S	
Sister, Huguet, Vincent de P., A.B.	Odell	GRAD	Educ	U	S	S	
Sister, Janson, Loyola Marie	Denver, Colo.		Unc	S	S		
Sister, Jones, M. Christopher	Springfield		Unc	S	S		
Sister, Kenney, M. Dora, A.B.	River Forest	GRAD	Engl	U	S	S	
Sister, Lorio, M. Clara, A.B., B.S., M.S.	New Orleans, La.	GRAD	Bot	U	S	S	
Sister, Maas, M. Celberta, B.Mus., M.Mus.	St. Louis, Mo.	GRAD	Mus	U	S	S	
Sister, Marron, M. Isnard, A.B., A.M.	Jacksonville	GRAD	Engl	U	S	S	
Sister, Monaghan, Rita Rose, A.B.	Springfield	GRAD	Accy	U	S	S	
Sister, Morrissey, Marie James, A.B.	Peoria	GRAD	Educ	EM			II
Sister, Mrotek, M. Dulciana	Chicago	PHARM	Pharm	4	S	I	II
Sister, Mroz, M. Aquinelda	Chicago	AGR	HEcon	Jr		I	II
Sister, O'Brien, M. Amata, B.Ed.	Chicago	GRAD	Educ	U	S	S	
Sister, Patrick, Mary, A.B., A.M.	Bloomington	GRAD	French	EM		I	II
Sister, Powers, M. Rose, A.B., A.B.	Chicago	GRAD	Speech	U	S	S	
Sister, Reilly, M. Aloysius, B.Ed.	Chicago	GRAD	Educ	U	S	S	
Sister, Riordan, M. Irene, A.B.	River Forest	GRAD	Educ	U	S	S	
Sister, Rosewyn, Mary, A.B., A.M.	Teutopolis	GRAD	PolSci	EM		I	
Sister, Rund, M. Mark, A.B.	Springfield	GRAD	Educ	U	S	S	
Sister, Sullivan, Joselita	Springfield		Unc	S	S		
Sister, Wisdom, M. Agnesene, B.Ed.	River Forest	GRAD	BOO	U	S	S	
Sister, Yakstas, Herman Joseph	Springfield		Unc	S	S		
Sister, Zwick, M. Melita, A.B., A.M.	Effingham	GRAD	Educ	EM		I	
Sit, Hong Chan	St. Louis, Mo.	LAS	ChEng	Sr		I	
Sitka, Howard Frank	Chicago	LAS	Chem	So	S	I	II
Skaggs, Donald James	Chicago	ENG	Genl	Fr		I	II
Skaggs, Earl Raymond	Pawnee	ENG	EE	So	S	I	II
	Parsons, Kans.	ENG					

Skale, Arthur John	Cicero	ENG	CE	Sr	I	II
Skelton, Arthur J.	Champaign	COM	UD	Sr	S	I II
Skelton, Barbara Jean	Port Byron	COM	UD	Sr	S	I II
Skiles, Mary Phyllis	Grayville	LAS	Genl	Fr	I	II
Skoblekoff, Olga	Chicago	LAS	Genl	Fr	I	II
Skog, Douglas Arvid, B.S.	Urbana	GRAD	Chem	U	S	I II
Skog, Neva Joan	Neponset	AGR	HEcon	Jr	S	I II
Skorburg, Neale Richard	Rockford	FAA	Arch	Fr	I	II
Skow, Hazelle	Riverside	JNL	EJnl	Fr	I	II
Skroder, Helen Charlotte	Urbana	LAS	PJnl	Jr	I	II
Skroder, Ruth Margaret	Urbana	AGR	HEcon	So	I	II
Slaby, Jerry Joseph	Riverside	COM	UD	Sr	S	I II
Slaiman, Mortimer Herbert	Brooklyn, N.Y.	COM	UD	Sr	S	I II
Slaker, Joseph Donald	Aurora	COM	LD	So	I	II
Slankord, George O'Neil	Sesser	AGR	Genl	Fr	I	II
Slapak, Emily Marie	Chicago	LAS	Genl	Fr	S	I II
Slater, Ella Marie	Urbana	LAS	PMed	Fr	I	II
Slater, Reba Jean	St. Albans, W.Va.	LAS	Genl	Fr	I	II
Slavick, Bert J.	Chicago	LAS	Genl	So	I	II
Slavin, Carolyn	Dayton, Ohio	LAS	Genl	So	I	II
Slayton, Ruth Ellen	Fairview	AGR	HEcon	Sr	S	I II
Slevin, Wilda Grace	New York, N.Y.	LAS	Genl	Jr	S	I II
Slichenmyer, Harold Lee, B.Ed., M.S.	Bloomington	GRAD	Educ	U	S	I II
Slivnick, Maurice	Chicago	LAS	PDent	Fr	I	II
Sloan, Bernadine M.	Morrissonville	LAS	Genl	Jr	S	I II
Sloan, Howard, A.B., A.M.	Chicago	DENT	Dent	2	S	I II
Sloan, Ruth Louise	Oblong	LAS	Genl	Fr	I	II
Sloboda, Lily Ann	Argo	FAA	Art	Fr	I	II
Sloboda, Millicent	Argo	JNL	Jnl	Sr	S	I II
Slocumb, Esther May, B.Ed.	Greenville	GRAD	Educ	EM	S	I II
Slottow, Josephine	Chicago	LAS	Genl	So	I	II
Slusser, Rosa Lee	Bement	LAS	PJnl	Fr	S	I II
Sluzalis, Rose Eva	Canton	EDUC	Genl	Sr	S	I II
Slyder, Lois Ann	Chicago	JNL	Jnl	Fr	I	II
Small, Betty Ann	Marion	AGR	HEcon	Sr	I	II
Smargon, Blossom Audrey	Chicago	LAS	DGS	Fr	I	II
Smiley, Curtis Lee	Milford	AGR	Genl	Sr	S	I II
Smiley, Eva Z., B.S.	Cutler	GRAD	Zool	EM	I	II
Smith, Allen Glen	Arthur	AGR	Genl	Sr	S	I II
Smith, Bailey Madison	Mt. Vernon	LAS	Genl	Fr	S	I II
Smith, Bethany Vernon	Urbana	LAS	Genl	Fr	S	I II
Smith, Carolyn Maxine	Chicago	LAS	Genl	So	I	II
Smith, Cecil Edgar, B.Ed.	Westervelt	GRAD	Educ	EM	S	I II
Smith, Chandler Gates	Monticello	ENG	Genl	Fr	S	I II
Smith, Charles Phillip	Park Ridge	COM	LD	Fr	I	II
Smith, Clifton Joseph	Urbana	COM	LD	Fr	S	I II
Smith, Curtis William, B.Ed.	Urbana	GRAD	Chem	U	S	I II
Smith, Dale Joseph	Oak Park	COM	LD	Fr	S	I II
Smith, Dana Krouth, Jr.	Wheaton	COM	LD	Fr	I	II
Smith, Dolores Liberty	Urbana	LAS	PJnl	So	I	II
Smith, Donald Alan	Kirkwood, Mo.	LAS	Genl	Fr	S	I II
Smith, Donald Hilton	Elgin	ENG	ME	Fr	I	II
Smith, Douglas Winchester	Urbana	COM	LD	Fr	S	I II
Smith, Edith Evelyn	Laramie, Wyo.	LAS	Genl	Fr	I	II
Smith, Elwood Ren	Belleville	LAS	PMed	Fr	I	II
Smith, Esther Mae	Chicago	LAS	Genl	Sr	I	II
Smith, Floda Victoria, A.B., B.S.	Lincoln, Nebr.	GRAD	LibSci	U	S	I II
Smith, Forrest Duhammel	Greenup	ENG	EE	Sr	I	II
Smith, Franklin Davidson, Jr.	Chicago	PHARM	Pharm	1	I	II
Smith, George Leon, B.S., M.S.	Madison	GRAD	Educ	EM	I	II
Smith, George William	Coal City	FAA	Art	Jr	I	II
Smith, Georgia Isabelle	Riverside	LAS	Genl	So	I	II
Smith, Gordon Lane, A.B.	Chicago	MED	Med	4	S	I II
Smith, Guinevere Irene	Geneva	LAS	Genl	Sr	S	I II
Smith, Guy N., B.S.	Rockford	GRAD	Engl	EM	I	II
Smith, Gwendolyn Elaine	Urbana	LAS	Genl	Fr	I	II
Smith, Hazel Eileen	Springfield	LAS	Genl	Sr	I	II
Smith, Henry De Willis, B.S.	Woodstock	MED	Med	1	S	I II
Smith, Henry L., B.S.	Urbana	GRAD	Geol	U	S	I II
Smith, James Charles, Jr.	Chicago	MED	Med	4	S	I II
Smith, James Hunn	Oak Park	ENG	ME	Sr	S	I II
Smith, Jean Lorraine	Durand	LAS	Genl	Fr	I	II
Smith, Jean Louise	Chicago	FAA	Art	Jr	I	II
Smith, Jeanne Barbara	Dixon	AGR	HEcon	So	I	II
Smith, Joel Carter	Chicago	ENG	ME	Sr	S	I II
Smith, Leonard Charles, Jr., A.B.	Spokane, Wash.	GRAD	Chem	U	S	I II
Smith, Lloyd Willard, A.B., A.M.	Chicago	GRAD	Physics	U	S	I II
Smith, Lyle Howard	Pontiac	ENG	EE	Fr	I	II
Smith, Lyle Willard, B.S., M.S.	Urbana	GRAD	Physics	U	S	I II
Smith, Madeline K., B.Ed.	Arthur	GRAD	Educ	U	S	I II
Smith, Mahlon	Mt. Vernon	LAS	Genl	Fr	I	II
Smith, Marcia Dorothy	Chicago	LAS	Genl	Fr	I	II
Smith, Margaretha	Monmouth	FAA	Art	Jr	I	II
Smith, Marie Anne, B.S.	Chicago	MED	Med	4	S	I II
Smith, Marilyn Alice	Dixon	LAS	Genl	Fr	S	I II
Smith, Marshall Eugene, B.Pd., A.B.	Greenville	GRAD	Soc	U	S	I II

Smith, Mary Margaret	Golconda	AGR	HEcon	Fr	I	II
Smith, Patricia Ann	Champaign	LAS	Genl	Sr	S	I II
Smith, Patricia Jean	El Paso	FAA	Mus	Fr		I II
Smith, Paul V., Jr., A.B., M.S.	Urbana	GRAD	Chem	U	S	I II
Smith, Philip	Danville	COM	LD	Fr	S	I II
Smith, Phyllis Lee	Golconda	AGR	HEcon	Fr	S	I II
Smith, Portia Allyn	Urbana	LAS	Genl	Sr		I II
Smith, Richard Eldon	Staunton, Va.	COM		Unc		I II
Smith, Richard Norris	Villa Park	ENG	Genl	Fr	S	I II
Smith, Robert Leslie, A.B.	Moline	MED	Med	3	S	I II
Smith, Sara Evelyn	Palatine	LAS	Genl	Jr		I II
Smith, Selma Kay	Danville	LAS	Genl	So	I	II
Smith, Shelbert	Springfield	LAS	Genl	Sr		I II
Smith, Thomas Rutter	Cairo	COM	LD	So	I	II
Smith, Townsend Boughton	Decatur	ENG	CE	Fr		I II
Smith, Vera Root, B.S.	Cherry Valley	GRAD	Educ	EM	I	II
Smith, Virginia Elizabeth	Danville	LAS	Genl	Fr		I II
Smith, Virginia Gayle	Louisville, Ky.	FAA	Mus	So	S	I II
Smith, Vivian Sweibel, A.B., A.M.	Champaign	GRAD	Zool	U	S	I II
Smith, Warren Harding, A.B., M.S.	Urbana	GRAD	Physics	U	S	I II
Smith, Warren Roger	Chicago	AGR	Genl	So		I II
Smith, Wilson LeRoy, A.B.	West Point	GRAD	Educ	EM	I	II
Smithwick, Robert Clark	Bakersfield, Calif.	DENT	Dent	4	S	I II
Smutz, Wayne Alan	Danville	ENG	Genl	So	S	I II
Snapp, Kathryn Louise	Urbana	EDUC	Genl	Jr	S	I II
Snapp, Kenneth Manley	Urbana	ENG	ME	Fr		I II
Snarr, Norma Jeanne	Benton	FAA	Mus	So		I II
Sneddon, Anna Mae	Benld	LAS	DGS	Fr		I II
Snell, Carol Blair	La Grange	LAS	Genl	Fr		I II
Snell, Laurie James	Wheaton	ENG	EPhy	Jr	S	I II
Snell, Frank Bradley, B.S.	Decatur	MED	Med	2	S	I II
Snell, William Dale, B.Ed.	Blue Mound	GRAD	Educ	EM	I	II
Snider, Frederick Willard, Jr.	Chicago	ENG	ME	Fr		I II
Snider, Mary Denise	Robinson	AGR	HEcon	Sr	S	I II
Snider, Ross Adkins, B.Ed., M.S.	Elkville	MED	Med	1	S	I II
Snoke, John Edward	Buffalo, N.Y.	LAS	ChEng	So	S	I II
Snow, Willis Everett, A.B., M.S.	Oak Park	GRAD	Entom	U	S	I II
Snyder, Betty Alice	Ridgefarm	LAS	Genl	Fr		I II
Snyder, Bette Jane, A.B.	Moweaqua	GRAD	Bact	U	S	I II
Snyder, Clemens Sayles	Rock Falls	ENG	EE	Fr		I II
Snyder, Henry Arnold	Kansas City, Mo.	LAS	ChEng	Fr	S	I II
Snyder, Robert Emile James	Hillsboro	LAS	Genl	Fr	S	I II
Snyder, Walter Eugene, B.S., M.S.	Hazleton, Pa.	GRAD	DHusb	U	S	I II
Soberg, Elaine Mae	Maywood	AGR	HEcon	Fr		I II
Soboroff, Edith	Chicago	LAS	Genl	Sr		I II
Sobrinio, Hilda	Crecibo, Puerto Rico	DENT	Dent	3	S	I II
Soderholm, Nels Louis, Jr.	Urbana	ENG	ME	Sr	S	I II
Soderquist, James Milton, A.B.	Galva	GRAD	Educ	U	S	I II
Sofio, Gilbert Foster	Baltimore, Md.	MED	Med	1	S	I II
Sokol, Anita Beatrice	Chicago	LAS	Genl	So		I II
Sokol, Edwin David	Oak Park	COM	LD	Fr		I II
Sokol, Ruth Ann	Chicago	LAS	Genl	Sr	S	I II
Sokolosky, Albert Harold	Chicago	COM	LD	Fr		I II
Solar, Alice Mae	Chicago	MED	Med	2	S	I II
Sollami, Rose Annette	Aurora	LAS	Genl	Fr		I II
Sollars, Velna, B.Ed.	Macomb	GRAD	Educ	U	S	I II
Sollo, Frank Wincent, Jr., A.B.	Urbana	GRAD	Chem	U		I II
Solomon, Harry James	Chicago	MED	Med	1	S	I II
Solomon, Leonard Herbert	Chicago	COM	LD	Fr		I II
Solomon, Marvin Jerome	Chicago	PHARM	Pharm	4	S	I II
Solotke, Manuel	Chicago	LAS	Genl	Fr		I II
Solovy, Jack Phillip	Chicago	LAS	Genl	So	S	I II
Solow, Joseph	Chicago	DENT	Dent	2	S	I II
Somers, John Donovan	Fairbury	LAS	Genl	Fr		I II
Sommerman, Kathryn Martha, B.S., M.S.	Urbana	GRAD	Entom	U		I II
Soper, Quentin Francis, B.Chem.	Calumet, Minn.	GRAD	Chem	U	S	I II
Sorensen, Robert Louis	Chicago	ENG	EE	Sr	S	I II
Sorensen, Allen Roger, A.B., B.S.	Minot, N.Dak.	MED	Med	4	S	I II
Sorkin, Burton	University City, Mo.	ENG	CE	Fr	S	I II
Sorkin, Frances	Chicago	LAS	Genl	Sr	S	I II
Soss, Richard James	Bloomfield Hills, Mich.	COM	LD	Fr	S	I II
Sotrop, Ernest James	Aurora	MED	Med	1	S	I II
Souther, Robert Baele	Highland Park	ENG	ME	So	S	I II
Spackey, Shirley Marie	Oak Park	FAA	Art	Sr		I II
Spain, Marjorie Marie	Peoria	LAS	Genl	Sr		I II
Spain, Phillip Howard, Jr.	Dundee	ENG	ME	Sr		I II
Spaits, Wilfred Marlowe, B.S.	Easton	MED	Med	2	S	I II
Spalding, Ruth, A.B., B.S.	Marshall, Tex.	GRAD	LibSci	U		I II
Spanabel, Helen Margaret	Kewanee	LAS	Genl	Fr		I II
Spangler, Fred W., A.B., M.S.	Park Ridge	GRAD	Chem	U	S	I II
Spangler, John Daily	Carthage	AGR	Genl	Fr		I II
Spangler, Margaret Thomas, A.B.	Park Ridge	GRAD	Engl	U	S	I II
Sparkman, Drew, A.B.	Sentinel, Okla.	GRAD	Zool	U	S	I II
Sparlin, John Ray, A.B.	Minier	GRAD	SocSci	EM	I	II
Spaulding, Arthiel Lela	Chicago	AGR	HEcon	Sr		I II
Speaker, Richard L.	Crystal Lake	LAS	ChEng	Sr	S	I II

Spector, Gertrude	Chicago	LAS	DGS	Fr	I	II
Spector, Irene Wilma	Chicago	FAA	Art	Fr	I	II
Spector, Shirley	Atlanta, Ga.	LAS	HEcon	Fr	I	II
Speer, Thomas LeRoy, B.S.	Homewood	GRAD	CE	U	I	
Spellman, Ella Jane	Lincoln	LAS	PMed	Jr	I	II
Spencer, Arthur Lloyd	Mystic, Conn.	FAA	LArch	Sr	S	I
Spencer, Dorothy Lee	Champaign	LAS	Genl	Fr	I	II
Spencer, Jean	Springfield	LAS	Genl	So	I	II
Spencer, Jean Aileen	Lebanon	AGR	HEcon	So	I	II
Spencer, Tremaine Eliphaz	Bridgeport	LAS	PMed	Fr	I	
Sperling, Harry	Chicago	MED	Med	2	S	I
Spero, Marilyn Ruth	Cleveland Heights, Ohio	LAS	DGS	Fr	I	II
Sperry, Evelyn Ramona	Altamont	LAS	Genl	Fr	I	II
Sperry, Virginia Beth	Galva	EDUC	Genl	Sr	S	I
Speziale, Angelo John, B.S., M.S.	New Britain, Conn.	GRAD	Chem	U	I	
Spidell, Haydon James, B.S.	Ventura, Calif.	MED	Med	4	S	I
Spiegelman, Melvin Bernard	Jerseyville	COM	LD	Fr	S	I
Spiesel, Florence Ruth	Chicago	COM	UD	Jr	I	II
Spiro, Albert Robert	Chicago	DENT	Dent	1	S	I
Spitler, Dorothy Ellen	Chicago	LAS	Genl	Jr	I	II
Spittler, Walter Truman	Marshall	AGR	Genl	Jr	I	II
Spitz, Geraldine Beverly	Chicago	LAS	Genl	So	I	II
Spivack, Leo Julius	Chicago	LAS	PDent	Fr	S	I
Spivack, Betty	Chicago	LAS	Genl	Fr	I	
Spradling, Arch Byron, A.B., M.S.	Webster Groves, Mo.	GRAD	Chem	U	S	I
Sprague, Roy William, B.Ed.	Danforth	GRAD	Educ	U	S	I
Sprague, Stanley Richard	Belleville	LAS	ChEng	Fr	S	I
Sprau, Henry Earl	Bellflower	AGR	Genl	Fr	S	I
Springer, Paul Frederick	La Grange	LAS	Genl	Sr	S	I
Sproat, Robert Alfred	Joliet	ENG	CE	Sr	S	I
Sproat, Sally Dell	Decatur	LAS	Genl	So	I	
Spronz, Suzanne Evelyn	Chicago	LAS	OccTher	Fr	I	II
Sproull, Muriel Florence	Mazon	LAS	PMed	So	S	I
Spurgeon, Paul Keith	Patoka	LAS	Genl	Fr	S	I
Squires, Mary Warrick	Champaign	LAS	Genl	So	I	II
Srednicki, James Paul	Chicago	ENG	Genl	Fr	S	I
Sreebny, Leo Morris, A.B.	Yorktown Heights, N.Y.	DENT	Dent	2	S	I
Sroka, Adolph August	Chicago	LAS	Genl	Sr	S	I
Sroka, Alexander George	Calumet City	MED	Med	4	S	I
Staack, Henry Frederick, Jr., A.B.	Moline	MED	Med	1	S	I
Staben, Carl Williams	Waukegan	ENG	ME	Sr	S	I
Stabenow, Winifred Magdalene	McConnell	LAS	Genl	Sr	S	I
Stachurski, Robert W.	Plainfield, N.J.	ENG	ME	Jr	I	II
Stacy, Gardner Wesley, Jr., B.S.	Rochester, N.Y.	GRAD	Chem	U	I	II
Stade, Charles Edward	Des Plaines	FAA	Arch	So	I	II
Staffelbach, Lois Janet	Chicago	LAS	Genl	Sr	S	I
Stafford, Jeanette Louise	Champaign	LAW	Law	2	S	I
Stafford, Mary Adaline	Urbana	LAS	Genl	So	I	II
Stafford, Ruth Cundiff-Doss, A.B., A.M.	Springfield	GRAD	Engl	U	I	II
Stahnke, Edward John	Dolton	ENG	ME	Jr	I	II
Staley, Martha Ruth	Modesto	AGR	HEcon	Sr	I	
Staley, Warren D.	Modesto	ENG	ME	Sr	S	I
Stalvey, Elizabeth Gowan	Bemis, Tenn.	LAS	Genl	So	S	I
Stam, John, B.S.	Wheaton	MED	Med	4	S	I
Stampar, George Joseph	Chicago	PE	PE	So	S	I
Stanberry, Barbara May	Charleston	LAS	Genl	Jr	I	II
Stanberry, Martha June	Charleston	LAS	Genl	Jr	I	II
Standish, Eleanor Helen	Chicago	LAS	Genl	Jr	I	II
Stanford, Ella Mae	Loda	LAS	OccTher	Fr	I	II
Stanhope, Jacqueline Arros	Dupo	LAS	Genl	Sr	I	II
Staniec, Louise Dolores	Chicago	LAS	DGS	Fr	I	II
Stanionis, Arthur Frank	Chicago	COM	LD	So	S	I
Staniszewski, Stanley John	Chicago	ENG	ME	Sr	S	I
Stanley, Harlan C., A.B.	Pocahontas	GRAD	Educ	U	S	I
Stanley, Jason William	Dixon	ENG	ME	Fr	S	I
Stanley, Lola Sizemore	Urbana	EDUC	Genl	Sr	S	I
Stanfield, Gilbert Wayne	Monson, Mass.	ENG	CE	Sr	I	
Stanton, George Thaddeus, A.B.	Chicago	MED	Med	4	S	I
Starankovic, Robert Edgar	Chicago	LAS	Genl	Fr	S	I
Stark, William, B.S.	Cicero	DENT	Dent	4	S	I
Stark, Lyndle Eugene	Nebo	COM	UD	Jr	I	II
Stark, Ruth	Champaign	LAS	Genl	Fr	I	II
Starke, Patricia Jean	Morris	COM	LD	Fr	I	II
Starkey, Jeanne Eleanor	Champaign	LAS	Genl	So	S	I
Starkman, Stanley Samuel	Chicago	ENG	EE	Fr	S	I
Starr, Dorothy Forshier	Danville	EDUC	U	Fr	I	
Starr, Millard Orlando, B.S.	Urbana	GRAD	ME	U	I	II
Starr, Yudice Estella	Memphis, Tenn.	LAS	Genl	Fr	I	II
Stateler, Shirley Jane	Lacon	ENG	Genl	Fr	I	II
Staton, James Alfred	Calumet City	ENG	ME	Fr	I	
Stattner, Gerald Nicholls	Pana	ENG	ME	Fr	I	
Statz, Mary Genevieve, B.S.	Indianapolis, Ind.	LIB	LibSci	1	I	II
Staub, Jacqueline Francine	Detroit, Mich.	JNL	EJnl	Fr	I	II

Staubitz, Louise Norma	Chicago	FAA	Art	So	S	I	II
Stauffer, Doris Eileen	Barry	EDUC	Genl	Sr	S		
Stauffer, Frances Genevieve	Mahomet	AGR	HEcon	Fr		I	II
Staugas, Ruth Ellen	Chicago	LAS	Genl	Fr		I	II
Staulz, Stanley Alexander	Chicago	PHARM	Pharm	4	S	I	II
Staver, Ellsworth, Jr.	Chicago	LAS	ChEng	So		I	II
Stearns, Charles Phillip	Nameoki	ENG	ME	So	S	I	II
Steckenrider, Roy Bennett, B.Ed.	Herrin	GRAD	Educ	U	S	I	
Stedelin, John Anderson	Walnut Hill	LAS	PMed	Sr			
Steel, Carolyn Elizabeth	Lebanon, Ky.	LAS	Genl	So		I	II
Steele, Ernestine Bryant, A.B.	St. Louis, Mo.	GRAD	Educ	EM		I	
Steele, John Richard	Waukegan	ENG	CE	Fr		I	
Steele, Mary Helen, B.S.	Peoria	LAW	Law	3	S	I	
Steffan, Charlotte Lillian	Chicago	EDUC	Genl	Jr		I	II
Steger, Russell William	St. Louis, Mo.	LAS	ChEng	Fr		I	II
Stehle, Howard Charles, B.S.	Chicago	MED	Med	3	S	I	II
Steidinger, Marjory Ellen	Cissna Park	AGR	HEcon	Fr		S	I
Steidinger, Robert Russell	Cissna Park	AGR	Genl	Sr		S	I
Stein, Gilbert	Chicago	LAS	Chem	Sr	S	I	II
Stein, Hilda Anna, B.Ed., M.S.	Carbondale	GRAD	Entom	U		I	II
Stein, Seymour Norman, A.B., B.S.	Chicago	MED	Med	4	S	I	
Stein, William Benjamin	Chicago	LAS	Genl	Fr		S	II
Steinberg, Philip	Chicago	PHARM	Pharm	2	S	I	II
Steinberg, Ruth Helen	Chicago	LAS	PMed	So	S	I	
Steinbrink, Charles Frank	Moline	ENG	EE	Sr		I	
Steiner, Barbara, B.S.	Chicago	MED	Med	4	S	I	
Steiner, Paul	Milwaukee, Wis.	MED	Med	2		I	II
Steinhorn, Milton Lawrence	Brooklyn, N.Y.	LAS	PMed	Fr		I	II
Steinley, Annis May	Evanson	AGR	HEcon	So		I	II
Steinlicht, Viola Ann, B.Ed.	Sibley	GRAD	Educ	U	S		
Stelmack, Steve Stanley	Chicago	PE	PE	Fr		I	II
Stemler, Fred Walter	Columbia	LAS	PMed	Fr		I	II
Stempler, Claire	Newark, N.J.	LAS	Genl	Fr		I	II
Stenborg, Walter Patrick, B.S.	Waukegan	MED	Med	3	S	I	II
Stengel, Ethel Ann	Springfield	LAS	Genl	EM		I	II
Stent, Gunther Siegmund	Harrogate, England	LAS	ChEng	So	S	I	II
Stephani, Marilyn Mae	Springfield	LAS	Genl	Fr		I	II
Stephens, Frederick James	Ureterator	COM	UD	Sr	S	I	
Stephens, John Willoughby	Benton	ENG	EE	Fr		I	II
Stephens, Mary Elizabeth	Urbana	LAS	Genl	Fr		I	II
Stephens, Robert Monroe	Benton	ENG	Genl	So	S	I	II
Stephens, Willie Mary, A.B., A.M., M.D.	Pikeville, Tenn.	GRAD	Neurol	C		I	II
Stephenson, Floyd S., B.S.	East St. Louis	GRAD	Educ	EM		I	II
Stephenson, Richard Battell, B.S., M.S.	Augusta, Me.	MED	Med	2	S	I	
Sterling, Harry	Chicago	LAS	PMed	Jr	S	I	
Sterling, Mary Louise	Chicago	LAS	PJnl	Fr		I	II
Stern, Doris Marie	Chicago	LAS	Genl	Fr		I	II
Stern, George Marvin	Chicago	LAS	PMed	Jr	S	I	
Stern, Hermine Ruth	Chicago	LAS	Genl	Fr		I	II
Stern, Mary Jane, A.B.	Erie, Pa.	MED	Med	2	S	I	II
Sternberg, Milton, B.S.	Chicago	MED	Med	4	S	I	
Sternfeld, Mathilda	Chicago	LAS	DGS	Jr		I	II
Stevens, Calvin Lee	Urbana	LAS	Genl	Sr	S	I	II
Stevens, Edwin Walter	Calumet City	MED	Med	2	S	I	II
Stevens, Elaine Clara	Calumet City	LAS	Genl	Jr	S	I	II
Stevens, Leila Jean	Dixon	COM	LD	So		I	II
Stevens, Mary Christine	Champaign	LAS	HEcon	So	S	I	II
Stevens, Patricia Lorene	Westfield	FAA	Mus	Fr		I	II
Stevenson, Donald Malcolm	Elburn	ENG	CE	Fr		I	II
Stevenson, Lee Burdette	Champaign	MED	Med	1	S	I	II
Stevenson, Marion Tui	Geneseo	LAS	Genl	So		I	II
Stevenson, Mary Margaret	Champaign	LAS	Genl	Sr	S	I	II
Stewart, Alan E.	Peoria	DENT	Dent	2	S	I	II
Stewart, Barbara Jane	Urbana	LAS	Genl	Sr	S	I	II
Stewart, Bennie Edward	Chicago	LAS	PLaw	Fr		I	
Stewart, Georgia Mildred, A.B.	Peoria	GRAD	Educ	EM		I	
Stewart, Helen Louise	Champaign	LAS	Genl	Sr	S	I	II
Stewart, Hilbert Earl, Jr.	Chicago	LAS	Genl	So		I	II
Stewart, James Collier, A.B., A.M., M.S.	Charleston, Miss.	GRAD	Math	U	S		
Stewart, James Kinley	Urbana	ENG	Genl	Fr	S		
Stewart, John Mathews, A.B.	Urbana	GRAD	Chem	U	S	I	II
Stewart, Lyman Frank	Urbana	COM	UD	Sr		I	II
Stewart, Marcia Ellen	Marengo	AGR	HEcon	Sr	S		
Stewart, Margaret Ruth	Edwardsville	COM	LD	So		I	II
Stewart, Marjorie Campbell	Urbana	LAS	Genl	Fr		I	II
Stewart, Mary	Melrose Park	LAS	Genl	Fr	S	I	
Stewart, Roger Gene	Urbana	LAS	Genl	Fr		I	II
Stewart, Rose Anne	Peoria	LAS	Genl	Jr		I	II
Stewart, Violet Noble, B.S.	Centralia	GRAD	Bact	U	S	I	II
Stewart, William Thomas	Chicago	LAS	ChEng	Fr		I	II
Stice, Mildred Bickmore	Urbana	FAA	Art	Fr		I	II
Stiegelmeier, Marilyn Patricia	Bloomington	LAS	Genl	So		I	II
Stiegman, Lloyd James	Thawville	ENG	EE	Jr		I	
Stiemert, Mary Louise Teresa	Chicago	LAS	Genl	Jr		I	II
Stiff, Mary Allegra, B.Ed.	Carbondale	GRAD	Educ	EM	S	I	

Stika, Edward Andrew	Berwyn	DENT	Dent	1	S		
Stiles, Rita Mae	East Alton	FAA	Mus	Fr		I	II
Stine, Leo Clair, B.Ed.	Champaign	GRAD	Soc	U	S		
Stine, Leota Mae	Sherman	EDUC	Genl	Sr	S		
Stines, Paul, B.S.	Westville	GRAD	Educ	U	S		
Stinson, Mary Margaret	Champaign	LAS	Genl	Fr		I	
Stinson, Virginia Mae	Chicago	PE	PE	Fr			II
Stinson, Quentin Phillip	Eldorado	AGR	Genl	Fr	S		
Stiritz, Vivian Alice	Galesburg	LAS	Genl	Sr	S	I	
Stith, Idelle	Fairfax, Okla.	JNL	Jnl	Sr		I	II
Stoafar, Blanche	Centralia			Unc	S		
Stockdale, Margaret Orre	Alton	LAS	Genl	Sr	S	I	II
Stockhausen, Phyllis Jeanne	Chicago	LAS	Genl	Sr		I	II
Stoffel, Charles Thomas	Cicero	ENG	Genl	Fr	S		
Stogsdill, Harold Melvin	Marshall	AGR	Genl	Fr		I	II
Stolarski, Chester John	Chicago	PHARM	Pharm	1	S	I	II
Stolman, Sryl	Chicago	LAS	Genl	Jr		I	II
Stolzenburg, Gwenyth	Chicago	LAS	Genl	Jr	S	I	II
Stone, Beverly	Chicago	LAS	Genl	Fr		I	II
Stone, Irving Charles, B.S.	Chicago	DENT	Dent	1	S	I	II
Stone, Leonard Henry	Chicago	LAS	ChEng	Fr			II
Stone, Neil Frederick	Chicago	ENG	CE	Sr		I	
Stone, Robert Bertil	Woodstock	FAA	Arch	Sr	S	I	II
Stone, Verla Maxine	Bath	AGR	HEcon	Sr	S	I	
Stone, Zelda Ruth	Aurora	LAS	Genl	Fr		I	II
Stoneham, Richard George	Chicago	LAS	PMed	Fr		I	
Stoner, Verdery Donaldson	Attapulgus, Ga.	FAA	Art	Fr		I	
Stark, Sarah D.	Chicago	LAS	Genl	So			II
Storkan, Ruth Camille	Oak Park	LAS	Genl	Jr		I	II
Storm, Rosemary June	Gays	LAS	Genl	Fr		I	II
Story, Claude Albert, B.S.	Chicago	GRAD	Educ	EM		I	
Stotlar, James Barton	Pinckneyville	PHARM	Pharm	1	S	I	II
Stott, Thomas Austin, B.S.	Athens	DENT	Dent	3	S	I	II
Stout, Meri Jean	Springfield	JNL	EJnl	So		I	II
Stout, Phyllis Kathryn	Momence	LAS	DGS	Jr		I	II
Stoutenburg, William Jontz, Jr.	Knoxville, Tenn.	FAA	Arch	Sr	S		
Stovall, Vivian Carey, B.S.	Farmer City	GRAD	HEcon	U	S	I	II
Strand, Edwin Engquist	Rockford	COM	UD	Jr			II
Strand, Francis Leonard	Galena	LAW	Law	1		I	II
Strasser, Dorothy Bertha	Hollis, N.Y.	LAS	Genl	Jr	S	I	II
Stratman, Carl Joseph, A.B.	Chicago	GRAD	Engl	U	S		
Straub, Edith Arlene	Chicago	FAA	Art	Fr		I	II
Straub, Evelyn Elizabeth	Champaign	LAS	PMed	Sr		I	
Strauch, Franz August	Chicago	MED	Med	3	S	I	II
Straus, Sue	Washington, D.C.	LAS	Genl	Sr	S	I	
Strauss, Paul, B.S.	Chicago	GRAD	Chem	C		I	
Strauss, Sol S.	Chicago	MED	Med	2	S	I	II
Strecker, William Louis	Paris	LAS	PMed	Jr	S	I	II
Streeter, Priscilla	Kankakee	LAS	Genl	Fr		I	II
Streger, Esther Wilma	Chicago	LAS	Genl	Fr		I	II
Streger, Ruth Martha	Chicago	LAS	Genl	Fr		I	II
Streicher, Daniel Leo, B.S.	Chicago	MED	Med	4	S	I	II
Strejd, Elizabeth Ann	Chenoa	AGR	HEcon	Fr	S	I	II
Streitmatter, Arlys Mafra	Speer	EDUC	Genl	Sr	S	I	
Streitmatter, La Vern O.	Speer	LAS	ChEng	Sr	S	I	
Streitz, Richard Francis	Joliet	DENT	Dent	1	S	I	II
Strell, John, Jr., B.S.	Urbana	GRAD	PE	U	S	I	II
Strelow, William Robert	Oak Park	ENG	ME	Fr		I	II
Strever, Jean Lydia	Hinckley	LAS	Genl	Fr		I	II
Stribling, June Isabell	Jackson, Miss.	LAS	OccTher	Fr		I	II
Strickfaden, Louise Lucille	Pekin	JNL	Jnl	Jr	S		
Strikich, Frank John	Chicago	COM	LD	Fr	S	I	II
Strohl, Dona Ruth	Homer	LAS	Genl	Sr	S	I	
Stroker, Richard Carl	Oak Park	ENG	ME	Fr	S	I	
Stromberg, William Benjamin	Chicago	LAS	PMed	Sr	S		
Strong, Dorothy Jane	Springfield	LAS	Genl	So	S	I	II
Strong, James Thourd	Urbana	ENG	Genl	Fr	S	I	II
Strong, Judson Eugene	Decatur	ENG	Genl	So	S	I	
Stropes, Lloyd Ray, B.S.	Rock Island	MED	Med	4	S	I	
Stroud, William Ernest	Rochelle	ENG	ME	Sr		I	II
Strull, Eugene	Chicago	LAS	PMed	Fr		I	II
Strum, Gerald Murray	Urbana	LAS	Genl	Fr	S	I	II
Strum, Harold Aaron	Urbana	LAS	Genl	Fr	S	I	II
Strunck, Theodore Paul	Chicago	COM	LD	Fr		I	II
Strusz, Charles, B.Ed.	Herrin	GRAD	Com	EM		I	
Stuart, Marion Louise, B.S., M.S.	Champaign	GRAD	Speech	U	S		
Stubblefield, Betty Lucille	McLean	COM	LD	Fr		I	II
Stucki, Ralph Emmett, B.S.	Champaign	GRAD	Educ	U		I	II
Studley, Janet Marie	Reddick	AGR	HEcon	Sr	S	I	II
Stuenkel, Walter Frederick	Ottawa	ENG	Cere	Fr		I	II
Stuermer, Harry Walter, A.B., B.S.	Jacksonville	MED	Med	3	S	I	II
Stuit, Joan Temple	Fulton	LAS	Genl	Sr		I	II
Stull, Isabel May	Urbana	AGR	HEcon	Sr	S	I	II
Stumm, Robert Joseph	Aurora	LAS	Genl	Jr		I	
Stupka, Rosalie Carol	Chicago	JNL	Jnl	Jr	S	I	II
Sturdevant, Lila McFarlane, A.B.	Urbana	GRAD	Educ	U	S		

Sturm, George Joseph	Chicago	LAS	Genl	Jr	S	I	II
Sturm, Lucille Alma, B.Ed.	Staunton	GRAD	Educ	U	I		
Sturman, Mary Elizabeth	Cairo	JNL	EJnl	Fr	I	II	
Su, Tsai-Shan, B.S., M.S.	Chungking, China	GRAD	Educ	U	S	I	II
Sublette, Tom Keith	Homewood	FAA	Art	Fr	I	II	
Sudakoff, Carl H.	Chicago	DENT	Dent	2	S	I	II
Sudar, Seymour	Chicago	LAS	ChEng	So	S	I	II
Sudkamp, Donald John	Champaign	LAS	ChEng	Fr	I		
Sudwick, Claude Harry, B.S.	Onarga	GRAD	Educ	U	I		
Suehr, Shirley Ann	Ottawa	AGR	HEcon	So	I	II	
Sullivan, Catherine Marguerite, A.B.	Galesburg	AGR	HEcon	Irr	I	II	
Sullivan, James T.	Efingham	ENG	CE	Sr	S	I	II
Sullivan, Lee Alan	Jacksonville	ENG	ME	So	I	II	
Sullivan, Rita Lucille	Galesburg	AGR	HEcon	Jr	I	II	
Sullivan, Robert Harding, B.S.	Kincaid	DENT	Dent	3	S	I	II
Sultz, Constance Ruth	Paris	FAA	LArch	Fr	I	II	
Summers, Helen Leah	Gibson City	AGR	HEcon	So	I	II	
Summers, Shirley Dean	Chicago	LAS	Genl	So	I	II	
Sunderland, Dale Willis	Fisher	MED	Med	2	S	I	II
Sundholm, Norman Karl, B.Chem.	Ely, Minn.	GRAD	Chem	U	S	I	II
Sundstrom, Roy Norman	Berwyn	ENG	ME	Sr	S	I	II
Sunyar, Andrew William, A.B.	Owosso, Mich.	GRAD	Physics	U	S	I	II
Super, William Bernard	Augusta, Ga.	ENG	Engl	Sr	I		
Supple, Charles John	Danville	LAS	PMed	Fr	I	II	
Surratt, Earl Elworth	Carthage	AGR	Genl	Sr	S	I	II
Surrisky, Jean	Chicago	LAS	Genl	Fr	I	II	
Surwill, Ben Joseph	Chicago	LAS	ChEng	Fr	S	I	II
Sutch, Betty June	New Orleans, La.	LAS	PJnl	So	I		
Sutcher, Vern Dever	Chicago	LAS	Genl	Sr	I	II	
Suter, Frank John	Urbana	ENG	ME	Sr	I	II	
Sutherland, Edwin Keith	Rushville	ENG	ME	Sr	I	II	
Sutherland, Lyndon Clay	Springfield, Ohio	MED	Med	4	S	I	II
Sutzer, Geraldine May	Springfield	FAA	Art	Fr	I	II	
Svec, Muriel Harden, A.B., M.S.	Fon du Lac, Wis.	GRAD	Bact	C	S	I	II
Svihla, George, B.S., M.S.	Champaign	GRAD	Zool	U	S	I	II
Swain, John Leonidas	Kankakee	ENG	BF	So	S	I	II
Swain, Martha	Urbana	LAS	DGS	Fr	I	II	
Swan, Paul Lavern, B.S.	Elkville	MED	Med	3	S	I	II
Swanberg, William Harold, Ph.B.	Quincy	MED	Med	1	Jr		
Swanson, Alfred Bertil	Zion	LAS	PMed	Sr	S	I	II
Swanson, Carleton Harry	Newport, Me.	ENG	ME	Sr	I		
Swanson, Carol Ann	St. Charles	LAS	Genl	Fr	I	II	
Swanson, Eleanor Louise	Plainfield	COM	LD	Fr	I	II	
Swanson, Harold A., B.S.	Chicago Heights	GRAD	Educ	U	I	II	
Swanson, Herbert Alvin	Rockford	COM	LD	Fr	I	II	
Swanson, Jean LaVerne	New Bedford	LAS	DGS	Fr	I	II	
Swanson, Oscar Eric, B.S.	Champaign	GRAD	AgEd	U	S	I	II
Swanson, Robert Earl, A.B.	Hastings, Nebr.	GRAD	PhysChem	U	S	I	II
Swanstrom, Harry Carl	Chicago	MED	Med	2	S	I	II
Swart, Ruthellen	Chicago	AGR	HEcon	Fr	S	I	II
Swartley, Keith Hamilton	Capron	LAS	Genl	So	S	I	II
Sweet, Arthur, B.S.	Chicago	MED	Med	3	S	I	II
Sweitzer, Donald Stanley	Lenark	MED	Med	1	S	I	II
Swen, Robert Dean	Danville	LAS	PMed	Fr	I		
Swengel, Beulah Wishart, B.S.	Granville	GRAD	Speech	U	S	I	II
Swengel, Ethel Pauline, A.B.	Seymour, Ind.	GRAD	Hist	U	S	I	II
Swerdlow, Martin Abraham	Chicago	LAS	PMed	Sr	S	I	II
Swetin, Sarah Namen	Chicago	LAS	Genl	Fr	I	II	
Swett, Betty Marie	Oak Park	LAS	Genl	Fr	I	II	
Swingley, Kathleen Louise	Oregon	AGR	HEcon	Jr	S	I	II
Switzer, Betty Carol	Williamsfield	AGR	HEcon	Fr	S	I	II
Switzer, John Louis, B.S.	Chicago	MED	Med	4	S	I	II
Sword, Wanda Lee	Grayslake	LAS	Genl	Fr	I	II	
Swordes, Ardis Mate, A.B., A.M.	Springfield	GRAD	Educ	EM	I		
Sykes, Ada Roberta	Baylis	Educ	Genl	EM	I		
Sykes, Mary Louise	Beverly	LAS	Genl	Jr	I	II	
Sylvester, Edgar Bradley	Des Moines, Iowa	MED	Med	1	S	I	II
Synwolt, Betty May	Lockport	EDUC	Genl	Jr	I	II	
Syrcle, Dorothy Mosetta	Danville	LAS	Genl	Jr	S	I	II
Szilagy, Sophie	East Chicago, Ind.	LIB	LibSci	1	I	II	
Szmyd, Milton Anthony, B.S.	Cicero	DENT	Dent	3	S	I	II
Tabachnick, Norman Donald	Chicago	LAS	PMed	Fr	I	II	
Taggart, James Oliver	Collinsville	JNL	Jnl	Sr	S	I	II
Tahl, Henry, A.B.	Los Angeles, Calif.	DENT	Dent	4	S	I	II
Tait, Murray Magnes	Kankakee	ENG	Genl	Jr	I	II	
Talaga, Edward Stanislaus, B.S.	Oglesby	MED	Med	2	S	I	II
Talbot, Cynthia Hearne	Mattoon	COM	UD	Jr	S	I	II
Talbot, Betty Anne	Yorkville	LAS	Genl	So	S	I	II
Talman, Irving	Chicago	PHARM	Pharm	4	S	I	II
Talmy, Jacqueline Joy	Chicago	LAS	Genl	So	I	II	
Tamboure, Angeline	Cicero	PE	PE	Sr	S	I	II
Tanel, Fikret Azmi	Istanbul, Turkey	ENG	CE	Fr	I	II	
Tang, Stephen Jen-Yao, B.S.	Shanghai, China	GRAD	Arch	U	I	II	
Tangney, Muriel Jean	Aurora	AGR	HEcon	Fr	S	I	II
Tankel, Joan Frances	Minneapolis, Minn.	LAS	Genl	Fr	I	II	
Tannenbaum, David	Chicago	ENG	ME	Sr	S		

Tanner, Billy Lee	Decatur	LAS	PMed	Fr	S		
Tanner, Guy Edward	Golconda	AGR	Genl	Fr	S	I	II
Tanner, Lewis William, B.S.	Danville	MED	Genl	4	S	I	II
Tappan, Lilian Anne	Paxton	LAS	Genl	Fr	S	I	II
Tarnoff, Joseph F., A.B.	Chicago	MED	Med	4	S	I	II
Tarr, Douglas William	Belleville	LAS	PLaw	Fr	S	I	II
Tarun, Donald Walter, A.B., B.S.	Sturgio, S.Dak.	MED	Med	3	S	I	II
Tate, Betty Louise	Le Roy	LAS	HEcon	Fr	S	I	II
Tate, Mary Ellen	Kansas	AGR	HEcon	So	S	I	II
Tatman, Jacqueline Delores	Sidell	LAS	Genl	Fr	S	I	II
Tauman, David Isaiah, B.S.	Chicago	DENT	Dent	2	S	I	II
Tausig, Theodore Neal	Chicago	MED	Med	2	S	I	II
Taustine, Tess Marie	Louisville, Ky.	LAS	Genl	Fr	S	I	II
Tavlin, Robert C., B.S.	Chicago	MED	Genl	4	S	I	II
Tawney, Lenore G.	Cleveland, Ohio	LAS	OccTher	Unc	S	I	II
Taylor, Amy Charlotte	Aurora	LAS	Genl	Sr	S	I	II
Taylor, Ethlyn Wahnetta	Wataga	AGR	HEcon	Fr	S	I	II
Taylor, Frances Mary	Falls Church, Va.	LAS	DGS	Fr	S	I	II
Taylor, George Peter	Rockford	ENG	Genl	Fr	S	I	II
Taylor, Helen Wilhelm, B.Ed.	Carbondale	GRAD	Educ	U	S	I	II
Taylor, John Arthur	Roseville	AGR	Genl	Fr	S	I	II
Taylor, Luther LaFayette	Chicago	AGR	Genl	Fr	S	I	II
Taylor, Margaret Louise	Lockport	EDUC	Genl	Sr	S	I	II
Taylor, Phyllis Elaine	Harrisburg	JNL	EEJnl	Fr	S	I	II
Taylor, Robert William	Chillicothe	ENG	EE	Fr	S	I	II
Taylor, Shirley Marie	Downers Grove	AGR	HEcon	Sr	S	I	II
Taylor, Sylvia Isabel, A.B., B.S.	Urbana	GRAD	LibSci	U	S	I	II
Taylor, Virginia Dell	Plainfield	EDUC	Genl	Sr	S	I	II
Taylor, Winifred Jeanne	Salem	FAA	Mus	Jr	S	I	II
Teed, Robert John, B.S.	Chicago	GRAD	Math	Jr	S	I	II
Teeter, Virginia May	Berwyn	LAS	Genl	U	S	I	II
Tehon, Atha Lee	Urbana	FAA	Art	Fr	S	I	II
Teitel, Bernard, B.S.	Chicago	DENT	Dent	1	S	I	II
Tejes, Harold John	Elgin	ENG	EE	Fr	S	I	II
Teller, Lois Elizabeth	Riverside	LAS	Genl	Fr	S	I	II
Teller, Louise Anne	Riverside	FAA	Art	Fr	S	I	II
Tellerman, Louis Donald, B.S.	Chicago	MED	Med	4	S	I	II
Telling, Martha Jane	Elmhurst	AGR	Genl	Fr	S	I	II
Telling, Richard David	Danville	COM	LD	Fr	S	I	II
Temkin, Norman Zelman	Chicago	LAS	Genl	Fr	S	I	II
Temple, Wilfred Jesse, Jr.	St. Louis, Mo.	ENG	Educ	So	S	I	II
Templeton, Thomas Louis, B.S.	Pinckneyville	GRAD	Educ	EM	S	I	II
Templin, Herman August	Peoria	ENG	EPhy	Jr	S	I	II
Templin, William Frederick	Peoria	COM	UD	Sr	S	I	II
Tenczar, Francis Joseph	Chicago	MED	Med	1	S	I	II
Tendick, Lois Lea	Greenfield	AGR	HEcon	So	S	I	II
Tenenbaum, Harold	Kansas City, Mo.	ENG	Genl	Fr	S	I	II
Tenenbaum, Maurice, B.S.	Chicago	MED	Med	4	S	I	II
Tennes, Charlotte	Chicago	LAS	Genl	Fr	S	I	II
Tenney, Alonzo Cass, Jr., B.S.	Highland Park	MED	Med	1	S	I	II
Tenney, Phillip Hallenbeck	Highland Park	LAS	PMed	Sr	S	I	II
Terp, Robert Thomsen	Chicago	LAS	ChEng	Fr	S	I	II
Terry, Evan McGlaun	Moundville, Ala.	FAA	ArchEng	Fr	S	I	II
Tess, Mildred Antoinette	Chicago	LAS	Genl	Fr	S	I	II
Tess, Norma Emma	Chicago	LAS	Genl	So	S	I	II
Teter, Beatrice Josephine, B.S.	Godfrey	GRAD	Hist	U	S	I	II
Teter, Leona Bess, B.S.	Godfrey	GRAD	Educ	U	S	I	II
Tharp, Mary Ann	Centralia	FAA	Art	So	S	I	II
Theby, Mary Ellen	Danville	LAS	Genl	So	S	I	II
Theis, Robert H.	Milwaukee, Wis.	ENG	CE	Sr	S	I	II
Thode, Everett Wayne	Sidney	COM	UD	Sr	S	I	II
Thomas, Aaron Spencer	Bovina, Miss.	DENT	Dent	1	S	I	II
Thomas, Alelia Butler, B.S.	Mt. Vernon	GRAD	Educ	U	S	I	II
Thomas, Andrew Aloysius	Chicago	PHARM	Pharm	1	S	I	II
Thomas, Flora Beatrice	Dixon	AGR	HEcon	Sr	S	I	II
Thomas, Gerald Jay, B.S.	Chicago	MED	Med	4	S	I	II
Thomas, Jay Parsons	Decatur	COM	UD	Jr	S	I	II
Thomas, Loretta Marie Brown	Princeton	LAS	PLaw	Fr	S	I	II
Thomas, Louis Lee, Jr.	Decatur	AGR	Genl	Fr	S	I	II
Thomas, Margaret Lee	Kensington, Md.	LAS	Genl	Jr	S	I	II
Thomas, Myrtle Louise	Woodstock	LAS	Genl	Jr	S	I	II
Thomas, Noble Barton	Sesser	EDUC	Genl	Sr	S	I	II
Thomas, Phyllis Arleen	Chicago	LAS	Genl	Sr	S	I	II
Thomas, Rams	Chicago	PE	PE	Fr	S	I	II
Thomas, Sara Beth	Benton	LAS	Genl	Jr	S	I	II
Thomas, Wilma Jean	Aurora	PE	PE	Sr	S	I	II
Thometz, John James	Chicago	MED	Med	2	S	I	II
Thompson, Betty Ruth, B.S.	Yorkville	GRAD	Educ	U	S	I	II
Thompson, Caryl Jean	Gilberts	LAS	LibSci	Jr	S	I	II
Thompson, Catharine Louise, A.B.	Little Rock, Ark.	LIB	LibSci	1	S	I	II
Thompson, Donald Irving	Chicago	ENG	EE	Fr	S	I	II
Thompson, Earl Vern, B.S.	Urbana	GRAD	Educ	U	S	I	II
Thompson, James Robert	Hinckley	MED	Med	3	S	I	II
Thompson, Jerome Bradford, A.B.	Champaign	GRAD	Chem	U	S	I	II
Thompson, John Melvin, B.S.	Springfield	GRAD	Educ	EM	S	I	II
Thompson, John Vernon, B.S., M.D.	Rock Falls	GRAD	Surg	C	S	I	II

Thompson, Lyle Eugene	Sidney	ENG	EE	Fr	I	II
Thompson, Madeline Stucknisch, A.B.	Springfield	GRAD	Educ	EM	I	II
Thompson, Martha Grace	Sheldon	LAS	DGS	Fr	I	II
Thompson, Miriam C.	Yorkville	FAA	Mus	Sr	I	II
Thompson, Ray Eugene, Jr.	Atlanta	LAS	PMed	Jr	S	I
Thompson, Robert George, B.S.	Maywood	MED	Med	4	S	I
Thompson, Roy Walter	Chicago	ENG	CE	Jr	I	II
Thompson, Samuel Earl, B.Ed., A.M.	Urbana	GRAD	Educ	U	S	II
Thompson, Vora Lazelle	St. Louis, Mo.	EDUC	Genl	Sr	S	I
Thompson, Warren Ray	Springfield	ENG	ME	Fr	I	II
Thompson, William E., B.Ed.	Chicago	GRAD	Educ	EM	I	II
Thompson, William Junior	Dixon	LAS	PDent	So	I	II
Thomson, William Sydney	Pasadena, Calif.	MED	Med	4	S	I
Thomson, George Wallace	Rockford	ENG	ChEng	Sr	S	I
Thomson, Katholive	Hinsdale	LAS	Genl	So	I	II
Thorpe, Robert Franklin, A.B.	Robinson	MED	Med	3	S	I
Thorsness, Kenneth Crocker	Chicago	LAS	Genl	Sr	S	I
Thoutvenot, Elvira Catherine	Belleville	LAS	Genl	Jr	S	I
Thrasher, Patricia	Champaign	LAS	PJnl	Jr	S	I
Thrasher, Shirlee	Champaign	LAS	Genl	Jr	S	I
Threat, Richard Lowell	Champaign	LAS	Chem	Jr	S	I
Thromans, Jean Minette	Chicago	LAS	Genl	Jr	I	II
Thunman, Carl Eugene	Springfield	ENG	CE	Jr	I	II
Thurow, Lois Elizabeth	Yorkville	LAS	PJnl	So	I	II
Thurow, Raymond Carl, B.S.	Aurora	DENT	Dent	3	S	I
Tibbets, Margaret Dorothy, B.Ed.	Highland	GRAD	Educ	EM	I	II
Tibby, Ina Mae	Oakdale	EDUC	Genl	Sr	S	I
Tick, Alfred Charles	Decatur	LAS	Genl	Fr	S	I
Tick, Frances Elaine	Paducah, Ky.	LAS	Genl	Fr	S	I
Tierney, James Joseph	Hinsdale	LAS	Genl	So	S	I
Tigrak, Mehmet Faut, B.S., M.S.	Istanbul, Turkey	GRAD	CE	U	S	I
Tikulski, Leon David	Joliet	ENG	MetE	So	I	II
Tillma, Mollye Mae	Chicago	LAS	Genl	Fr	I	II
Tillson, Violet Neal	Chillicothe	LAS	Genl	Sr	I	II
Timmerhaus, Klaus Dieter	Palatine	LAS	ChEng	Jr	S	I
Timmons, Bette Louise	Champaign	LAS	Genl	Fr	I	II
Timmons, Marjorie Ruth	Mattoon	LAS	PJnl	So	I	II
Tipsword, Maxine Louise	Wood River	LAS	Genl	Fr	I	II
Tiritilli, Gloria Lucille	Chicago	LAS	DGS	Fr	I	II
Tisch, Mary Jean	East St. Louis	EDUC	Genl	Sr	I	II
Tishman, Francine Jane	Oak Park	LAS	Genl	So	I	II
Titus, Lois Elaine	Champaign	LAS	Genl	So	I	II
Toback, Martin Jack	Newburgh, N.Y.	DENT	Dent	4	S	I
Tober, Ralph Irving	Chicago	COM	UD	Sr	S	I
Tober, Robert Lewis	Chicago	LAS	Genl	Fr	I	II
Tobermann, Charles Woodruff	Hillsboro	ENG	CE	Sr	I	II
Tobin, Daniel Anglim, B.S.	Chicago	MED	Med	3	S	I
Tobin, David Jerome	Springfield	LAS	ChEng	Jr	I	II
Tobin, Roger Gill	Champaign	PE	PE	Fr	I	II
Todd, William Henry, A.B.	Lawrenceville	MED	Med	3	S	I
Toigo, Ancilla, B.Ed.	Benld	LIB	LibSci	1	S	I
Tokay, Mehmet Nejat, B.S., M.S.	Ankara, Turkey	GRAD	CE	U	S	I
Tolpin, Paul Harvey	Chicago	LAS	PMed	Fr	S	I
Tolson, Marjorie Elizabeth	Chicago	EDUC	Genl	Jr	I	II
Tom, Eunice Lan	Chicago	COM	LD	Fr	I	II
Tom, Helene Lin	Chicago	FAA	Art	Sr	S	I
Tom, Robert	Los Angeles, Calif.	ENG	CE	Jr	I	II
Tomberlin, Traver Hall	Glen Ellyn	LAS	ChEng	Fr	I	II
Tomic, Toni Rose	Bryant	LAS	Genl	Fr	I	II
Tomisek, Shirley Anne	Berwyn	LAS	Genl	Fr	I	II
Tomlinson, James Albert, B.S.	Macon	GRAD	PolSci	U	S	I
Tomlinson, William Arthur	Springfield	MED	Med	2	S	I
Tompkins, Arthur Wilson, Jr.	Bloomington	LAS	ChEng	So	S	I
Tonkin, William Maurice	Oak Park	AGR	PFor	Fr	S	I
Topper, Herbert Arthur, B.S.	Chicago	MED	Med	3	S	I
Torbohm, Harold Godfrey, B.S., A.M.	Brooklyn, N.Y.	GRAD	Educ	U	S	I
Torcaso, James Lewis	Champaign	LAS	Chem	Fr	S	I
Tordella, John P., B.S., M.S.	Urbana	GRAD	Chem	U	S	I
Torrence, Greta Lois	Sparta	LAS	Genl	Sr	S	I
Torrence, Jane Lymann	Morris	FAA	Mus	Fr	I	II
Torrens, Rosemary Charmian	Dixon	AGR	HEcon	Fr	I	II
Tossey, Frances Elizabeth	Springfield, Ohio	LAS	Genl	Fr	I	II
Toub, Fulton Eugene	Kansas City, Mo.	ENG	Genl	Fr	S	I
Touff, Vivian Charlotte	Chicago	LAS	Genl	Sr	S	I
Tourk, Eudice	Bronx, N.Y.	LAS	DGS	Fr	I	II
Tourney, Robert Lyman	Quincy	MED	Med	3	S	I
Towns, Clarence, B.S.	Chicago	DENT	Dent	2	S	I
Townsend, Mary Alverta	Monticello	LAS	Genl	Sr	S	I
Townsend, Reba Jo	Anna	AGR	HEcon	Sr	I	II
Townsend, Verna K., B.Mus.	Urbana	LAS	Irr	S	I	II
Towsley, Betty Jane	Downers Grove	LAS	Genl	So	I	II
Trackman, Charlotte	Chicago	LAS	Genl	Fr	I	II
Tracy, Catherine Cecelia	Ivesdale	PE	PE	So	I	II
Train, Jack Durkee	Oak Park	FAA	Arch	Sr	S	I
Trantin, Jean Ann	Park Ridge	LAS	Genl	Fr	I	II
Trapp, Walter Bernard	East Peoria	LAS	Genl	Jr	I	II

Travis, Bane Thurlow	La Salle	MED	Med	2	S	I	II
Travis, Shirley Marion	Chicago	LAS	DGS	Fr			II
Traylor, Francine Maxine	Taylorville	LAS	DGS	Fr			II
Treadman, Jack Earl	Joliet	ENG	ME	Sr	S	I	II
Trebellas, Mary P.	Calumet City	LAS	Genl	Jr			II
Tredinnick, Mary Ruth	Mazon	LAS	Genl	Fr			II
Treiger, Phillip, A.B.	Chicago	MED	Med	4	S	I	
Treiger, William Samuel	Chicago	MED	Med	1	S	I	II
Trembl, Daniel Andrew	Chicago	ENG	CE	Fr			II
Trenkle, Caroline Joan	Le Roy	AGR	HEcon	Jr			II
Trenkle, Genevieve Mary	Le Roy	LAS	PMed	Fr			II
Trentadue, Joseph Pat	Chicago	ENG	ME	Fr			II
Tresley, Jack	Chicago	MED	Med	2	S	I	II
Treumann, William Borgen, B.S.	Grand Forks, N.Dak.	GRAD	Chem	U			II
Trice, Helen Marie	St. Louis, Mo.	AGR	HEcon	Jr			II
Trick, Burton George	Chicago	AGR	Genl	Fr			II
Trifilio, Frank Joseph	Chicago	LAS	PMed	Fr			II
Trilling, Harriet Gloria	Chicago	AGR	HEcon	Fr			II
Trimpe, Clara White, A.B.	Havana	GRAD	Educ	EM			II
Trimpe, Wilbur R., B.Ed.	Havana	GRAD	Educ	EM			II
Tripp, Glenn Alvin	Poplar Grove	COM	UD	Sr	S	I	
Trolander, Betty Jane	Rockford	COM	LD	Fr			II
Troll, Walter	Chicago	LAS	Chem	Sr	S	I	
Trone, Howard Alfred	Breoning	AGR	Genl	Fr			II
Trost, Wayne Clifford	Freeport	ENG	ME	Jr	S	I	II
Troth, Jacqueline	Mattoon	LAS	Genl	Sr			II
Trotter, Richard Lewis	Sheffield	COM	UD	Jr			II
Trubitt, Sherwyn William	Chicago	LAS	PMed	Fr			II
Trummel, Helen Belle	Oreana	AGR	HEcon	So			II
Trumpe, William Daniel, B.S.	Champaign	MED	Med	2	S	I	II
Trunk, Marilyn Julia	Peoria	LAS	Genl	So			II
Tryon, Ardelta Katherine	Waukegan	LAS	Genl	Sr	S	I	II
Tschanen, Pearl Helen	Highland	LAS	Soc	Jr	S	I	II
Tschudy, Gloria June	Salem	LAS	Genl	So			II
Tsourmas, Gus Nick	Argo	LAS	Genl	Fr			II
Tuchman, Raiza Leah	Chicago	LAS	Genl	Fr			II
Tucker, Donald Joseph	New York, N.Y.	LAS	Genl	Fr			II
Tucker, Enid Helene	Chicago	LAS	Genl	Fr			II
Tucker, Genevieve Marguerite	Urbana	EDUC	Genl	Sr	S	I	II
Tucker, Lowell Ray, B.S., M.S., Ph.D.	Tuscola	GRAD	Educ	U			II
Tucker, Marie, A.B.	Cowden	GRAD	Zool	U	S		
Tucker, Norma Jacke	Karbers Ridge	FAA	Art	Fr			II
Tucker, Sheldon Marvin	Chicago	MED	Med	3	S	I	II
Tully, Mary Beth	Eureka	LAS	Genl	Fr			II
Tulsky, George, B.S.	Chicago	MED	Med	4	S	I	
Tuman, Lorraine	Chicago	LAS	Genl	Sr	S	I	II
Tumbarello, Gregory L.	Chicago	LAS	PMed	Fr			II
Tupler, Jeanette Lee	Chicago	LAS	Genl	So			II
Turley, Betty Jane	Chicago	LAS	Genl	So			II
Turnbull, Lee Chase	Toulon	ENG	Genl	Fr	S	I	
Turner, Anita May	Butler	LAS	Chem	Fr			II
Turner, Charles Edwin	Litchfield	LAS	Genl	So	S		
Turner, Deane Elwin	Monticello	LAS	PMed	Fr			II
Turner, Fern Nightingale	Fayetteville, N.C.	LAS	Genl	Jr			II
Turner, Gladys Adell	Grand Chain	LAS	Genl	Jr			II
Turner, Helen, B.S.	Sadorus	GRAD	Educ	U	S		
Turner, Joanne	Urbana	LAS	OccTher	Fr			II
Turner, Robert James	Paxton	LAS	ChEng	Sr			II
Turney, Viola Keturah	Milwaukee, Wis.	LAS	Genl	So			II
Turnovsky, Otto James, Jr.	Berwyn	ENG	MetE	Jr	S	I	II
Turpin, Robert Bernard	Chicago	PE	PE	So	S	I	II
Tutt, B. Ruth, B.S.	Peoria	GRAD	Educ	EM			II
Tuttle, Judith Eloise	Chicago	COM	LD	Fr			II
Tuttle, Norman Wayne	West York	AGR	Genl	Sr	S	I	
Tuttle, Warren De Witt, B.S.	Harrisburg	MED	Med	4	S		
Tuveson, Russell Jarl	Chicago	ENG	Genl	Fr			II
Twedt, David Cameron	Marshalltown, Iowa	DENT	Dent	2	S	I	II
Taylor, Elizabeth Marie	Champaign	LAS	Genl	So			II
Tyus, Susie Belle, B.S.	Memphis, Tenn.	GRAD	Engl	U	S		
Ueberrhein, Georgene	Morton	AGR	HEcon	So			II
Uhl, Mary Ellen	Athens	AGR	HEcon	Jr			II
Uhlmann, Donna Jeanne	Blue Island	LAS	Genl	Jr			II
Uht, John Peter	Danville	FAA	Art	Fr			II
Ullman, Roger Arnold	Chicago	ENG	Genl	Fr			II
Underwood, Dolores	Dewey	COM	LD	So			II
Underwood, Dorothea	Dewey	COM	UD	Sr			II
Underwood, Robert Burns	Chicago	DENT	Dent	4	S	I	II
Unfer, Louis, B.S., M.S.	Champaign	GRAD	Hist	U			II
Unger, Betty Anne	Danville	LAS	Genl	Sr			II
Unger, Donald Lee	Chicago	LAS	Chem	Fr			II
Unterman, Martin Donald, B.S.	Brooklyn, N.Y.	DENT	Dent	4	S	I	II
Updike, Otis Lee, Jr., B.S.	Roanoke, Va.	GRAD	ChEng	U	S	I	II
Urban, Frank, Ph.D.	Oak Park	MED	Med	2	S	I	II
Urgo, Rosemarie Rita	Melrose Park	AGR	HEcon	Jr			II
Urish, Dean Donald	Paw Paw	LAS	Genl	Fr	S		
Uterhart, Andreas Hans, B.S.	Chicago	DENT	Dent	3	S	I	II

Vorreyer, Robert Fredrick	Downers Grove	FAA	Art	Fr	I	II
Voss, Barbara Ellen	Little Rock, Ark.	JNL	Jnl	Jr	I	II
Voss, Harriet Aretta	Harvard	AGR	HEcon	Fr	I	II
Vucic, Dorothy Marie	Yorkville	LAS	Genl	So	S	I II
Vusich, Charles Matt	Benld	ENG	ME	So	S	I II
Vycital, Richard Otto, B.S.	McHenry	MED	Med	2	S	I II
Vykouk, Frank Joseph, B.S.	Cicero	MED	Med	3	S	I II
Wachob, Tom Webb, Jr.	Bloomington	MED	Med	1	S	I II
Wachtel, Howard Richard	Brooklyn, N.Y.	LAS	Genl	Fr	I	II
Wack, Mary Alice	Mansfield	AGR	HEcon	Fr	I	
Waddell, William Warren	Arlington, Mass.	ENG	CE	Sr	I	
Wade, Bernadine Etta Lea, B.Ed.	Paris	GRAD	Engl	U	S	
Wade, Bonnie Marie	Paris	LAS	Genl	So	I	II
Wade, Charles	Detroit, Mich.	LAS	Genl	So	I	II
Wagenknecht, Theodore William, Jr.	Downers Grove	LAS	PMed	Fr	I	II
Wager, Robert Hudson, Jr.	Maplewood, N.J.	ENG	ME	Sr	I	
Waggner, Robert Nagle	Urbana	LAS	Genl	So	I	II
Waggoner, Ernest Edward	Havana	LAS	ChEng	So	S	I II
Wagner, Edith Charlotte	Lamoille	EDUC	Genl	Sr	S	
Wagner, Katherine Jane	Ogden	LAS	DGS	Fr	I	II
Wagner, Robert Allan	Sumner	ENG	ME	Fr	I	
Wagner, Robert George	East Peoria	ENG	ME	Jr	S	I II
Wagner, Ruth Anna	Sadorus	LAS	Genl	Fr	S	
Wagner, William Frederick, A.B., M.S.	Urbana	GRAD	PhysChem	U	S	I II
Wahlberg, Ruth Esther	Chicago	FAA	Art	Jr	I	II
Wahlgren, Vincent Eric	Chicago	FAA	Arch	Jr	I	II
Wainright, James Wallace	Wood River	Med	1	S	I	II
Waitches, Leonard Anthony	Chicago	AGR	Genl	Fr	S	I
Wakeley, Ruth Lillian	Sycamore	AGR	HEcon	Jr	I	
Wakeman, Margery Elnora	Decatur	LAS	Genl	Fr	I	
Walden, Jean Margaret	Troy	LAS	Genl	Sr	S	
Waldman, Jacquelyn Jean	Joliet	LAS	Genl	Jr	I	II
Waldman, Melvin, B.S.	Rochester, N.Y.	DENT	Dent	4	S	I II
Waldo, Margaret Helen	Indianapolis, Ind.	LAS	Genl	Fr	I	II
Waldorf, Richard Charles	Peru	ENG	Genl	Fr	I	II
Waldron, Kenneth Earl	Urbana	COM	LD	So	I	II
Walker, Billy Jane	Argenta	AGR	HEcon	Fr	I	II
Walker, Claretta, B.S.	Oswego	GRAD	HEcon	U	S	I II
Walker, Cora Ruth	Sullivan	AGR	HEcon	Fr	I	II
Walker, Harry Thomas, A.B.	Columbia, S.C.	GRAD	Mus	U	I	II
Walker, John Raymond	Chicago	LAS	Genl	Fr	S	I II
Walker, Josephine Fidelis	Cairo	LAS	Genl	Jr	I	II
Walker, Lorraine Marie	Chicago	LAS	Genl	Fr	I	II
Walker, Mary Elizabeth	Chicago	LAS	Genl	Sr	S	I
Walker, Rufus James	Kilbourne	LAS	PMed	Fr	I	II
Walker, William McAlpine, B.S.	Selma, Ala.	MED	Med	2	S	I II
Walker, William Walter	Golconda	ENG	CE	So	S	I II
Wall, June Elaine	Decatur	EDUC	Genl	Sr	S	I
Wall, Maurice Harold, B.S.	Pleasant Hill	DENT	Dent	4	S	I II
Wallace, Anita Mae, B.S.	East St. Louis	GRAD	Educ	EM	I	II
Wallace, Barbara Jessie	Chicago	LAS	Genl	So	S	I II
Wallace, Ralph Eugene	Bement	ENG	Genl	Jr	S	I
Wallace, Shirley Frances	Gary, Ind.	EDUC	Genl	Sr	S	I II
Wallace, William Eldred, B.S., M.S.	Urbana	GRAD	Chem	U	S	I
Wallace, William Swilling	Springfield	LAS	Genl	So	I	
Wallach, Howard Frederic, A.B.	Chicago	MED	Med	1	S	I II
Waller, Evelyn Louise, A.B., A.M.	Galva	LIB	LibSci	1	S	
Waller, Germaine Florence	Cranford, N.J.	FAA	Art	Fr	I	II
Waller, William Howell, B.S.	Champaign	GRAD	PE	U	I	II
Wallin, Doris Elizabeth	Rockford	COM	LD	So	I	II
Wallin, Elmore Frederick	Rockford	ENG	ME	Jr	I	II
Wallin, Maynard Burdette	Rockford	ENG	ME	Sr	S	
Wallis, Ruth E., A.B., B.Ed.	Benson	GRAD	Educ	U	S	
Wallk, Silas	Peoria	MED	Med	1	S	I II
Walls, Marion Benton	West Frankfort	ENG	ME	Sr	S	I II
Walper, Geraldine Reva	Chicago	LAS	Genl	Fr	I	
Walser, Adolph William	Anna	LAS	Genl	Sr	S	
Walser, Carl Henry	Irving			Unc	S	
Walser, Gilbert	Chicago	LAS	PMed	Fr	S	I II
Walser, Marjorie Louise, A.B.	Anna	GRAD	Speech	U	S	I II
Walters, Barbara Pearl	Chicago	COM	LD	Fr	S	I II
Walters, Florence Amelia, B.S.	Chicago	MED	Med	3	S	I II
Walters, Mary Ellen, B.Ed.	Table Grove	GRAD	Educ	EM	S	I
Walters, Wilma Margaret	Albion	EDUC	Genl	Sr	S	I
Waltmire, Richard Kenna	Pekin	FAA	Arch	Fr	I	
Walton, Louise Schubert, B.S.	Springfield	GRAD	PolSci	EM	S	I II
Walworth, Lois N., B.S.	Monmouth	GRAD	Educ	U	S	
Walworth, Margaret Frances	Monmouth	LAS	Genl	Sr	S	
Wand, Mary Adeline	Onarga	LAS	Genl	Sr	S	I II
Wandling, Harold Sylvester, B.S.	Terre Haute, Ind.	GRAD	Chem	U	S	I II
Wang, Fu-Hsiung, B.S., M.S.	Lauchi, Chekiang, China	GRAD	Bot	U	I	II
Wang, Pauline Rae	Kansas City, Mo.	LAS	Genl	Fr	I	II
Wankovsky, Meyer	Chicago	PHARM	Pharm	2	S	I II
Ward, Herbert Monus, B.S.	Chicago	GRAD	Chem	U	I	II

Ward, James Elmer	Rockford	ENG	EE	Sr	S	
Ward, Mary Jane	Normal	LAS	Genl	Jr		I II
Ward, Russell Sanford, B.Ed.	Mounds	GRAD	Educ	EM	S	
Ware, Charles Edward	Parkersburg, W.Va.	FAA	Arch	Sr		I
Ware, Leslie Newell	Chicago	LAS	Genl	Jr		I II
Warfield, Charles Richard, B.S., M.S.	New Berlin	GRAD	AgEcon	U	S	I II
Warfield, Mildred Lucille	Gibson City	AGR	HEcon	U	S	I
Warfield, Peter Foster, B.S., M.S.	Urbana	GRAD	Chem	U	S	I II
Waring, Ceha Lou	Joliet	LAS	Genl	Fr		I II
Warman, Doreen May	Elmhurst	COM	LD	So		I II
Warmington, William John, B.S.	Evanston	MED	Med	2	S	I II
Warne, Virginia Jane, B.S.	Elburn	GRAD	SocSci	U	S	I
Warner, Alice Denell	Evanston	LAS	Genl	Sr		I II
Warner, Harold Alfred, B.Ed.	Minonk	GRAD	Educ	EM	S	I
Warren, James Wilbur	La Grange	ENG	Genl	Fr	S	I
Warren, Joseph Edward	Lockport, N.Y.	COM	LD	So		I II
Warren, Mildred Irene	Urbana	AGR	HEcon	So		I II
Warren, Patricia Elizabeth	Overbrook Hills, Pa.	COM	LD	Fr		I II
Warso, Irving	Chicago	ENG	ME	So	S	I
Warzak, Bernard John	Chicago	DENT	Dent	2	S	I II
Washington, Camille, A.B.	Lovejoy	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	3	S	I II
Wasserman, Eleanor Beatrice, B.S.	Urbana	GRAD	Engl	U		I
Wasserman, Roberta June	La Salle	LAS	PJnl	So		I II
Wasserman, William James	University City, Mo.	COM	LD	Fr		I II
Waterman, Marjorie Anne	South Holland	LAS	Genl	Sr	S	I
Waters, Doris Eileen	East St. Louis	LAS	PDent	Fr		I II
Waters, Esther Louise	Urbana	AGR	HEcon	Fr		I II
Waters, James Marshall, B.Ed.	Ridgefarm	GRAD	Educ	U		I
Watkins, Dan Hendren	Moline	DENT	Dent	2	S	I II
Watkins, Margaret Batchelder, A.B.	Decatur	LIB	LibSci	1	S	
Watkins, Norma Jean	Arthur	AGR	HEcon	Fr		I II
Watkins, Orva Mae	Urbana	LAS	Genl	Jr		I II
Watkins, Spencer Hunt	Mayfield, Ky.	LAS	Chem	So	S	I II
Watson, Elizabeth Jean	Farmer City	LAS	Genl	Sr		I II
Watson, Kenneth Warren	Riverton	JNL	EJnl	Fr		I II
Watson, Mary Carolyn	Bloomington	LAS	Genl	Fr		I
Watson, Richard Hale, A.B., B.S.	Farmer City	DENT	Dent	4	S	I II
Watson, Richard Marshall	Barrington	JNL	Jnl	Sr	S	
Watt, Howard	Chicago	LAS	Genl	So	S	I
Watt, Sidney Jane	Greenup	AGR	HEcon	So		I II
Watters, Glenna Irene	Villa Grove	AGR	HEcon	Fr		I II
Watts, Duane Everett	Decatur	ENG	Genl	Jr	S	I
Watts, Lorie Otto, B.Ed.	Belleville	GRAD	Educ	EM	S	I II
Waugh, Paul Revere, B.S.	Peoria	GRAD	Educ	EM		II
Wavruk, Delphine Victoria	Chicago	AGR	HEcon	Fr		I II
Waxler, Jerome S.	Chicago	DENT	Dent	1	S	I II
Waxler, William Lorne, B.S.	Highland	GRAD	Educ	U	S	
Waxman, Honey Harrison	Chicago		Unc			
Way, Mary Janet	Urbana	AGR	Flor	Sr	S	I
Wayne, Martha Louise	Monmouth	LAS	Genl	Sr	S	I II
Weast, Robert Calvin, B.S., M.S.	Champaign	GRAD	Chem	U	S	
Weatherwax, Lois Jane	Decatur	LAS	Genl	Jr		I II
Weaver, Dorothee Harriett	Clare	COM	UD	Sr	S	I
Weaver, Dorothy Belle, A.B.	Tuscola	JNL	Jnl	Irr		II
Weaver, Joseph Aaron	Canton	ENG	EE	Fr	S	
Weaver, Robert Easton	Jacksonville	LAS	ChEng	Sr	S	I
Webb, Arthur Harper, A.B., M.S.	Urbana	GRAD	Bact	U	S	I II
Webb, Doris Ethel	Mt. Vernon	COM	LD	Fr		I II
Webb, Dorothy Griffin	Chicago		Unc		S	
Webb, Ellen Mae	Mt. Vernon	FAA	Art	Fr		I II
Webb, Roberta Marie	Harrisburg	AGR	HEcon	Fr		I II
Webber, Robert	Chicago	LAS	Genl	Fr	S	I
Weber, Alice Harriet	Chicago	COM	LD	Fr		I II
Weber, Harold Joseph	Waukegan	ENG	CE	So	S	
Weber, John Joseph	Nauvoo	AGR	Flor	So		I
Weber, Nancy Jane	Belleville	LAS	PJnl	So		I II
Weber, William C., Jr., B.S.	Buckley	GRAD	Educ	U	S	
Webster, David Burgess	River Forest	ENG	CE	Sr	S	I
Webster, Rosanna Gordon	Loda	LAS	Genl	So		I II
Weckel, Mack	Champaign	ENG	Genl	Fr		I II
Wedding, George Thomas	Champaign	LAS	Genl	Sr		I II
Weeks, Dorothy Anne Skiles	Grayville	COM	UD	Jr	S	
Weers, Edna Kesler, A.B.	Peoria	GRAD	Educ	EM	S	I II
Wegstein, Joseph Henry	Washburn	ENG	EPhy	Sr	S	I
Wehrle, Robert Benjamin	Elgin	ENG	ME	Sr	S	I II
Weiland, Albert S.	Chicago	MED	Med	4	S	I
Weiland, Richard John	Aurora	MED	Med	4	S	I
Weinard, Ruth Elizabeth	Urbana	LAS	Genl	Fr		I II
Weinberg, Daniel D.	Chicago	ENG	EE	Sr	S	I II
Weinberg, Herbert	Highland Park, N.J.	ENG	CE	Jr	S	I II
Weinberg, Mary Jane	Rushville	AGR	HEcon	Fr		I II
Weinberg, Trona Minerva	Chicago	LAS	Genl	Fr		I
Weiner, Jack	Chicago	PHARM	Pharm	4	S	I II

Weinman, Seymour	Far Rockaway, N.Y.	LAS	PDent	Fr	I	II
Weinstein, Bernard Irving	Chicago	ENG	Genl	Fr	S	I
Weinstein, George	New York, N.Y.	COM	UD	Jr	S	I
Weinstein, Howard Eugene	Chicago	LAS	Genl	Fr	I	II
Weinstein, Phyllis Leah	Far Rockaway, N.Y.	LAS	DGS	Fr	I	II
Weinstock, Ida	Chicago	LAS	Genl	Fr	I	II
Weir, James Robert, B.S.	Chicago	MED	Med	4	S	I
Weisbart, Hymen	Chicago	DENT	Dent	2	S	I
Weisbaum, M. Byron, B.S.	Springfield	MED	Med	3	S	I
Weishaar, Ethel Mary	Chicago	AGR	HEcon	Sr	S	I
Weisman, Lorraine	Chicago	LAS	Genl	Fr	S	I
Weisman, Manuel Isadore	Chicago	LAS	PDent	Fr	S	I
Weiss, Daniel Seymour	Chicago	LAS	Genl	So	S	I
Weiss, Georgette Ann	Chicago	LAS	Genl	Fr	I	II
Weiss, Harold Maurice	Chicago	DENT	Dent	2	S	I
Weiss, Kenneth Sanford	Chicago	LAS	Genl	Jr	S	I
Weiss, Marion	Harvey	PHARM	Pharm	4	S	I
Weiss, Patricia Lou	Champaign	LAS	DGS	Fr	I	II
Weiss, Ralph	Chicago	LAS	PMed	Fr	I	II
Weisser, Nathan, B.S.	Chicago	DENT	Dent	4	S	I
Weissman, Lowell Howard	Chicago	LAS	Genl	Fr	I	II
Weitz, Fred, B.S.	Ellenville, N.Y.	DENT	Dent	3	S	I
Weitz, Nat, B.S.	Brooklyn, N.Y.	DENT	Dent	4	S	I
Weitzman, Lester	Chicago	PHARM	Pharm	1	S	I
Welch, Barbara Ann	Malta	AGR	HEcon	Sr	I	II
Welch, Emma Louise	Beardstown	COM	LD	So	S	I
Welch, Joan Marie	Geneva, N.Y.	LAS	DGS	Fr	I	II
Welch, Pauline Donohoe	Urbana	AGR	HEcon	So	S	I
Weldon, Frank Lewis	Champaign	PE	PE	Fr	I	II
Weldon, Margaret Elizabeth	Dwight	AGR	HEcon	Fr	I	II
Welker, Irma Louise	Champaign	COM	UD	Sr	S	I
Well, Clarence Emerson, B.Ed.	Pesotum	GRAD	Educ	U	S	I
Welles, Marion Francis	Gifford	AGR	Genl	Fr	S	I
Wellman, Charles Walter	Ransom	LAS	Genl	Fr	S	I
Wellpott, Alice Emma	Hoyleton	EDUC	Genl	Jr	S	I
Wells, Adrian Roy	Monmouth	ENG	Genl	Jr	S	I
Wells, Charles K., A.B.	Waltonville	MED	Med	3	S	I
Wells, James William	Glencoe	ENG	EE	Fr	I	II
Wells, Margaret Ruth	Geneva	FAA	Art	So	S	I
Welsler, Lyle, B.S., M.Ed.	Urbana	GRAD	Educ	U	S	I
Welsh, Edwin Charles, A.B.	Portage, Wis.	MED	Med	4	S	I
Welsh, Gloria Eileen	Bradford	EDUC	Unc			
Welsh, Grace Frawley	Champaign	LAS	OccTher	Fr	I	II
Welsh, Leslie Thomas	Bradford	COM	UD	Sr	S	I
Weltin, Edward George, A.B., A.M.	Quincy	GRAD	Hist	U	I	II
Welty, Elizabeth Edna	Amboy	PE	PE	Fr	I	II
Wemhoener, Ella May	Metropolis	AGR	HEcon	Jr	I	II
Wenk, Charles Herman	Chicago	LAS	PLaw	Fr	S	I
Wentz, Roy Albert, B.S., M.S.	Springfield	GRAD	Educ	EM	I	II
Wenzlaff, Robert LaVerne	Streator	COM	LD	Fr	I	II
Weppler, Mildred Louise	Buckley	LAS	Genl	So	I	II
Werff, Adele de	Earlville	COM	UD	Sr	S	I
Werner, Margaret Anna, A.B.	Payson	LIB	LibSci	1	I	II
Werner, Robert Barner	Chicago	LAS	Genl	Fr	S	I
Wessel, Jack Richard	Park Ridge	LAS	PMed	Fr	I	II
Wesselius, Richard Earle	Tinley Park	DENT	Dent	4	S	I
West, Ada Helen, A.B., A.M.	Keokuk, Iowa		Irr	S	S	I
West, Ben, Ph.B.	Plymouth	GRAD	Educ	U	S	I
West, Christopher Otis, B.S.	Lexington, Miss.	DENT	Dent	1	S	I
West, Donald Jack	Galesburg	ENG	ME	Sr	S	I
West, Leonard Alfred	Chicago	ENG	EE	Sr	S	I
Westberg, Maxine Louise	Rockford	FAA	Art	Fr	S	I
Westwater, Jack, Jr.	Danville	LAS	Genl	Sr	S	I
Westwater, Mary Katherine	Charleston	LAS	Genl	Sr	S	I
Wetstein, Chester Verne	Park Ridge	FAA	Arch	Fr	I	II
Wexler, Cecile Selma	Springfield	LAS	DGS	Fr	I	II
Wexler, Charlotte	Chicago	LAS	Genl	So	I	II
Wexler, David Sisk	Chicago	LAS	Genl	Fr	S	I
Wexler, Lucille Jane	Chicago	LAS	Genl	Sr	I	II
Wexler, Richard	Chicago	ENG	ME	Fr	S	I
Wexler, Shirley Lee	Chicago	LAS	Genl	So	I	II
Weyl, Wolfgang Leonard, A.B.	Chicago	MED	Med	2	S	I
Whalin, Betty Jean	Chicago	LAS	Genl	Fr	S	I
Wham, Donald Shanklin	Centralia	LAS	PMed	Jr	S	I
Wham, Robert Shanklin	Centralia	LAS	PLaw	Fr	S	I
Whatley, Frances, A.B., A.M.	Austin, Tex.	GRAD	Span	U	I	II
Wheeler, Floyetta	Chicago	LAS	Genl	Fr	S	I
Wheeler, John Philip	Kankakee	AGR	Genl	Fr	S	I
Wheeler, Mary Martha	Whiting, Ind.	AGR	HEcon	Sr	S	I
Wheeler, Robert Dean	Canton	ENG	ME	Fr	I	II
Wheeler, Samuel Crane, Jr., A.B., M.S.	Urbana	GRAD	Physics	U	S	I
Whelan, Luella Beers	Champaign	EDUC	Unc			II
Whetzel, Wilma Orpha	Champaign	AGR	HEcon	So	I	II
Whipp, Dorothy	Petersburg	LAS	Genl	Jr	I	II
Whipple, Carol Juin	Oak Park	LAS	Genl	Fr	I	II
White, Andrew Curtis	Decatur	ENG	Genl	Fr	S	I

White, Beatrice Jeannette, B.Ed.	Warren	GRAD	Math	U	S	
White, Beryl Eugene	East St. Louis	COM	LD	Fr	S	I
White, Betty Jane	Chicago	LAS	Genl	Sr		I II
White, Carol Iva	Blue Island	FAA	Mus	Fr		I II
White, Charles Maynard, B.S.	Tamms	GRAD	Educ	EM		I II
White, Edward William, Jr.	Chicago	LAS	Genl	Fr		I II
White, Fannie Belle	Efingham	LAS	Genl	Fr		I II
White, Helen Genevieve	Evanston	LAS	DGS	Fr		I II
White, Herschel Thomas, Jr.	Springfield	LAS	Genl	Sr	S	I
White, John Louis	Chicago	LAS	Genl	Fr		I
White, John Robert	Kewanee	COM	LD	Fr		I
White, June Elayne	Chicago	PHARM	Pharm	1		I II
White, Leon H.	Springfield	Genl	EM			I II
White, Lucien Wendell, A.B.	Moline	GRAD	French	U	S	I II
White, Patty	Springfield	LAS	Genl	So		I
White, Polley	Hillsboro	LAS	Genl	Sr		I II
White, Phyllis Muriel, A.B.	Naperville	GRAD	Span	U		I II
White, Robert Boswell	Chicago	ENG	MinE	Fr	S	
White, Robert Browning, A.B., B.S.	Naperville	MED	Med	3		I II
White, Robert Stephen, A.B., M.S.	Champaign	GRAD	Physics	U	S	I II
White, Rosemary	Champaign	LAS	PJnl	So		I II
White, Ruth Ann, A.B., A.M.	Rockford	GRAD	Educ	EM		I II
White, Ruth Deane	Champaign	LAS	Genl	Sr	S	
White, William Arthur, B.S.	Claremont	GRAD	Geol	U		I II
Whitehouse, Carl Everett, B.Ed.	Galva	GRAD	Educ	U	S	I
Whiteman, Dorothy Annette	Zion	FAA	Art	Fr		I II
Whitesell, Constance Jane	Danville	AGR	HEcon	Fr		I II
Whitfield, Lawrence Alexander, B.S., M.S.	Alton	MED	Med	2	S	I II
Whiting, Geraldine Elizabeth	Chicago	COM	LD	Fr		I II
Whitlark, Frederick Louis	Mokena	MED	Med	1	S	I II
Whitley, Lola Mae	Jerseyville	LAS	Genl	Fr	S	I II
Whitley, Mary Beth	Harrisburg	FAA	Mus	Jr		I II
Whitley, Virginia Margaret, A.B.	Jerseyville	GRAD	Latin	U	S	
Whitman, Robert Manley	New London, Conn.	ENG	CE	Sr	S	
Whitman, Robert Paul	Yates City	LAS	ChEng	Sr		I II
Whitmer, Frances L.	El Paso	LAS	Genl	So	S	I II
Whitmore, George Emmett, D.V.M.	Urbana	GRAD	AnPath	U		I II
Whitney, Lyman Stone	West Rindge, N.H.	ENG	ME	Sr		I
Whitney, Robert McLaughlin, A.B.	Urbana	GRAD	PhysChem	U	S	I II
Whitson, Helen Mae	Urbana	AGR	HEcon	So		I II
Whitson, Lois Joan	Waukegan	LAS	Genl	Fr		I II
Whitten, Betty	Urbana	COM	UD	Sr	S	
Whitten, Nancy	Urbana	LAS	Genl	So	S	I II
Whittle, Robert Leslie, A.B.	East St. Louis	GRAD	Chem	U	S	I II
Whitton, Norma Lee	Toluca	LAS	DGS	Fr		I II
Wible, Marilyn Kathleen	Mason City	LAS	Genl	Sr		I
Wichser, Mary Louise	Beardstown	JNL	Jnl	Sr	S	I II
Wichterman, Glen Herbert	Chicago	MED	Med	2	S	I II
Wicks, Susan Donberg, A.B.	Cleveland, Ohio	LAS	Chem	Irr		I II
Wicks, Zeno Waterbury, Jr., A.B.	Champaign	GRAD	Chem	U	S	I II
Widen, Bernard Arnold	Chicago	DENT	Dent	4	S	I II
Widran, Jerrold	Chicago	LAS	PMed	Fr	S	I II
Wiebe, Rachel Ruth, A.B.	Hillsboro	LIB	LibSci	1	S	I
Wiebner, William Robert	Quincy	LAS	Genl	Fr	S	I II
Wiederhold, Louis, III, A.B.	Philadelphia, Pa.	GRAD	Chem	U		I II
Wiedermann, Lars Holger	Chicago	LAS	Genl	So	S	I II
Wiegand, George Arthur	Red Bud	LAS	ChEng	Fr		I II
Wieggers, George William, Jr.	Higginsville, Mo.	AGR	Genl	Sr	S	
Wiegman, Catherine	Moweaqua	EDUC	EM			I
Wieland, Raymond Madison	East St. Louis	LAS	Genl	Sr	S	
Wielgorecki, Otto Edward	Blue Island	LAS	PLaw	Fr		I II
Wielicki, Edward Andrew, B.S.	Philadelphia, Pa.	GRAD	Chem	U		I II
Wiemann, Howard Ervin	Chicago	ENG	ME	Fr		I
Wiemers, Elaine Betty	Chicago	LAS	Genl	So		I II
Wiese, L. Lucile Helton, B.S.	Brocton	EDUC	Genl	Irr		I II
Wieza, Wanda Michelina	Chicago	LAS	Genl	Fr		I II
Wightman, Myron	St. Louis, Mo.	ENG	EE	Fr	S	I II
Wilbourn, Dorothy Maxine, B.S.	Cairo	LAW	Law	2		
Wilbur, Rae Elizabeth	Chicago	LAS	Genl	Fr	S	
Wilczewski, Edward Leonard	Kearny, N.J.	LAS	PDent	Fr		I II
Wilgay, James Webster	Peoria	COM	UD	Sr	S	I
Wilde, Norbert John, B.S., D.D.S., B.S.	Belleville	MED	Med	4	S	I
Wilder, Harold Theodore	Quincy	ENG	CE	Sr	S	
Wildi, Evelyn Margaret	Morrison	EDUC	Genl	Sr	S	
Wilens, Beverly Dolores	Chicago	LAS	Genl	Fr		I II
Wiley, Grace Kathryn, B.S.	Efingham	LIB	LibSci	1	S	
Wiley, Lynn A., A.B.	Crete	GRAD	Educ	U	S	
Wiley, Margaret Jane	Springfield	LAS	Genl	Sr		I II
Wilfred, Eleanor Jayne	Metropolis	LAS	Genl	Jr		I II
Wilhelm, Alice Mae	Chicago	FAA	Mus	Jr		I II
Wilhelms, Verla Arlene	German Valley	COM	UD	Jr	S	I II
Wilkes, Joe Frank, A.B., A.M.	Urbana	GRAD	Educ	U		I II
Wilkes, Rachel Caldwell, A.B.	Urbana	LIB	LibSci	1		I II
Wilkey, Dwight Bensyl	White Heath	EDUC	Genl	Sr		II
Wilkie, Robert Thomas	Chicago	PE	PE	Fr		II
Wilkins, Anna Mary	Oteen, N.C.	FAA	Art	Sr	S	I

Wilkinson, Jack Lee	Spring Green, Wis.	ENG	CerE	Sr	S	I	II
Willard, John Calvin, B.S.	Lexington	GRAD	BiolSci	EM			II
Willey, Jane Iris	Chicago	LAS	DGS	Fr		I	II
Williams, Albert Jesse, B.S.	Dallas, Tex.	GRAD	Educ	U	S		
Williams, Barbara W., B.S.	Evanston	GRAD	PhysChem	Fr	S	I	II
Williams, Charles Allyn, Jr.	Urbana	LAS	Genl	C		I	II
Williams, Charles Ralph, A.B., A.M.	Chicago	GRAD	Zool	U		I	II
Williams, Emma Jane	Watskesa	LAS	PJnl	So		I	II
Williams, Francis Edward, B.S.	Springfield	GRAD	Educ	U		I	
Williams, George Charles	Newman	LAS	PMed	Fr		I	II
Williams, Idamae, B.S.	Chicago	GRAD	PhysChem	Fr		I	
Williams, Leo	Chicago	ENG	EF	C		I	II
Williams, Lillian Lorraine	Urbana	COM	LD	Fr		I	II
Williams, Lowell Keith, B.S.	Springfield	MED	Med	3	S	I	II
Williams, Lucius Archie	Chicago	COM	LD	Fr		I	II
Williams, Lura Hazel	Dixon	LAS	PJnl	So		I	II
Williams, Margaret Anne, B.S.	Monmouth	LIB	LibSci	1	S		
Williams, Mary Elizabeth	Warrensburg	EDUC	Sr	Sr	S	I	II
Williams, Mary Ellen	Ottawa	LAS	Genl	So		I	II
Williams, Naomi Marie	Lawrenceville	COM	LD	Fr		I	II
Williams, Robert Alfred	Clinton	ENG	Genl	Fr	S		
Williams, Vivian Rae	Chicago	LAS	Genl	Jr		I	II
Williamson, Alice Virley	Girard	LAW	Law	2	S	I	II
Williamson, Joseph Morris	Urbana	LAS	Genl	Fr		I	II
Williamson, Norma Jean	Chatham	LAS	DGS	Fr		I	II
Willis, Carol Winifred	Chicago	LAS	DGS	Fr		I	II
Willman, Vallee Louis	Greenville	ENG	ME	So		I	
Willner, Charlotte Louise	Aurora	LAS	Genl	Sr	S	I	
Willson, June Edith	Chicago	LAS	Genl	Fr		I	II
Wilmarth, Charles Earl, B.S.	Oregon	GRAD	Agron	U	S		
Willmot, Barbara Laird	Carbondale	LAS	HEcon	Fr		I	II
Willmot, Helen Lawrence	Carbondale	AGR	HEcon	Sr	S	I	II
Willmot, Marilyn Martha	Oak Park	LAS	Genl	Fr		I	II
Wilson, Annette Elsie, A.B.	Peoria	GRAD	Educ	EM		I	II
Wilson, Ardath Arlene	Prophetstown	PE	PE	Fr		I	II
Wilson, Betty Josephine	Gilman	COM	LD	Fr		I	II
Wilson, Beulah Ruth	Ogden	AGR	HEcon	Fr		I	II
Wilson, Carol Dean	Champaign	LAS	Genl	So	S	I	II
Wilson, Dorothy Lois	Harrisburg	LAS	Genl	So		I	
Wilson, Dorothy Louise, A.B.	Chandlerville	GRAD	Hist	U	S		
Wilson, Dorothy Mae, A.B.	Springfield	GRAD	Educ	EM		I	
Wilson, Douglas Otto	Highland Park	ENG	ME	Sr	S	I	II
Wilson, Ferne Lois, B.S., M.S.	Tacoma, Wash.	GRAD	Bact	U		I	II
Wilson, Frances Elizabeth	Hebron	FAA	Mus	So		I	II
Wilson, Fred Amos	Barnhill	ENG	ME	Sr	S		
Wilson, Frederica Maxwell, A.B.	Maroa	GRAD	Educ	U	S		
Wilson, George Miller, B.S.	Potomac	GRAD	Geol	U		I	II
Wilson, Grace, B.S.	Urbana	GRAD	Arch	U	S		II
Wilson, Harold Martin	Urbana	ENG	Genl	Fr		I	
Wilson, Hazel Francis, B.S.	Augusta, Ark.	LIB	LibSci	1		I	II
Wilson, Jerry Scott, A.B.	Rochelle	DENT	Dent	1	S	I	II
Wilson, John Eric, B.S.	Chicago	GRAD	Chem	U		I	
Wilson, Lawrence Sanders	Chicago	COM	LD	Fr		I	
Wilson, Lena Rose, A.B.	Lawrence	LIB	LibSci	1			II
Wilson, Marily Gene	McNabb	AGR	HEcon	Jr		I	II
Wilson, Mary Lesley	Urbana	LAS	Genl	Sr	S	I	
Wilson, Mary Lois	Broadlands	AGR	HEcon	Fr		I	II
Wilson, Myrtle Elaine	Granville	LAS	Genl	Fr		I	II
Wilson, Raymond G., B.S.	Union City, Tenn.	GRAD	Educ	U	S		
Wilson, Robert Wayne	Decatur	COM	UD	Jr		I	
Wilson, Verna Lee	Homewood	LAS	Genl	So		I	II
Wilson, William Hansford, Jr., A.B.	Danville	MED	Med	2	S	I	II
Wimmer, Lelah Mae Cook, B.Ed., A.M.	Philo	EDUC		Irr	S		
Wincker, Donald Robert	Chicago	ENG	Genl	Fr			II
Windmuller, Rudi	Urbana	ENG	Genl	Fr	S		
Wing, Charlene	Harrisburg	FAA	Mus	So		I	II
Wing, Robert Louis	Chicago	DENT	Dent	3	S	I	II
Winkelmann, Martha Jeanne	Urbana	FAA	Art	Fr		I	II
Winkelmann, Wendell Gaunt	Urbana	JNL	Jnl	Sr	S		
Winkler, Paul Walter, B.Ed., B.S.	Buda	GRAD	LibSci	U		I	
Winsberg, David Melvin	Chicago	LAS	Genl	Fr			II
Winslow, Gloria Claire	Tiskilwa	LAS	Genl	Jr		I	II
Winslow, Mildred Mae, A.B.	Grundy Center, Iowa	LIB	LibSci	1	S		
Winstead, Frances Elaine	Roxana	LAS	Genl	Fr	S	I	II
Winteroth, Durl Arthur	Bloomington	FAA	Arch	Fr			II
Winters, Margaret Ann	Georgetown	LAS	Genl	Fr		I	II
Winters, Virginia Lee	Hutsonville	LAS	PJnl	Fr		I	II
Wirsig, Ruth Alberta	Donnellson, Iowa	AGR	HEcon	Sr		I	II
Wirtshafter, Jeanne Helene	Cleveland, Ohio	LAS	Genl	So		I	II
Wisch, Lois Muriel	Chicago	EDUC	Genl	Jr		I	II
Wise, Donald Earl	Champaign	LAS	PMed	Fr		I	II
Wise, Thomas Albert, B.S.	Champaign	DENT	Dent	3	S	I	II
Wisegarver, Virginia May	DeLand	LAS	Genl	Sr		I	II
Wisheart, Mary Anne	Champaign	LAS	Genl	Fr		I	II
Wiselman, Corinne Katherine	Chicago	LAS	Genl	Sr	S		
Wiseman, Highland, B.S.	Dupue	GRAD	Educ	U	S		

Wishart, William Walter	Saginaw, Mich.	ENG	MetE	Sr	S	
Wiskamp, Gladys Marguerite	Belleville	LAS	Genl	Jr	S	I II
Wisner, Josephine Lida	Lexington	EDUC	Genl	EM	I	
Wiss, Edward John	Chicago	MED	Med	3	S	I II
Wiss, Marvin Jack	Rock Island	LAS	PMed	Fr	S	I II
Wiswell, George H.	Carbondale	LAS	Genl	Sr	S	I II
Witanowski, Michael Frank, B.S.	Chicago	MED	Med	3	S	I II
Witensky, Beverly Renee	Chicago	LAS	Genl	Fr	S	I II
Witmer, Barbara Alice	Downers Grove	LAS	PMed	So	I	II
Witney, Judith Clein	Chicago	LAS	Genl	Fr	I	II
Witt, Eugene Edward	Chicago	LAS	Chem	Fr	I	II
Witt, Mary Katharyn, A.B.	Canton, Mo.	LIB	LibSci	1	S	
Wittenberg, Gordon Greenfield	Little Rock, Ark.	FAA	ArchEng	Sr	S	
Wittenberg, Vera	Chicago	PHARM	Pharm	1		I II
Wittrock, Verna Dorothy, B.S.	Chicago	GRAD	Engl	U	I	II
Witty, Ruth Ann	Pleasant Plains	LAS	Genl	Jr	I	II
Witty, Sally Marilyn	Pleasant Plains	LAS	Genl	Jr	I	II
Witwer, Patricia Ann	Urbana	LAS	Genl	Jr	S	I II
Woerner, Paul Frederick	Chicago	LAS	Genl	Jr	I	II
Wojtasek, Leona Irene	Highland, Ind.	LAS	DGS	Fr	I	II
Wolens, Dorothy	Kilgore, Tex.	LAS	PJnl	Sr	S	
Wolf, Calvin	Effingham	LAS	Genl	Sr	S	
Wolf, Dorthea Luella, B.Ed.	Ludlow	GRAD	Educ	U	S	
Wolf, Eleanor May	Avon	AGR	HEcon	Sr	I	
Wolf, Erna	Urbana	LAS	Genl	So	S	
Wolf, Gloria Joy	Chicago	LAS	Genl	Fr	I	II
Wolf, Kenneth William	Avon	AGR	Genl	Fr	I	
Wolf, Marion Carolyn	Naperville	AGR	HEcon	So	S	I II
Wolf, Monica Priscilla	Odell	FAA	Mus	Jr	I	II
Wolf, Ruth Miriam	Chicago	COM	LD	Fr	I	
Wolf, Ruth Myrtle	Rockford	AGR	HEcon	Fr	I	II
Wolfe, Elizabeth Ann	St. Joseph	AGR	HEcon	Sr	S	I II
Wolfe, Evelyn	Hollywood	PHARM	Pharm	2	S	I II
Wolfe, Gordon Frank	Elgin	MED	Med	2	S	I II
Wolfe, Russell Bryce	Elgin	LAS	ChEng	So	I	II
Wolff, Edward Frank, Jr.	Chicago	ENG	ME	Sr	S	I II
Wolff, Eleanor Gene, B.Ed.	Urbana	LIB	LibSci	1	I	
Wolff, Eunice Joyce	De Kalb	JNL	EJnl	So	I	II
Wolfman, Miriam	Chicago	LAS	Genl	Fr	I	II
Wolfman, Vivian	Urbana	LAS	Genl	Jr	I	II
Wolford, Margaret Ellen	Champaign	LAS	Genl	Fr	I	II
Wolinetz, Morris	Chicago	ENG	MetE	Sr	I	II
Woloshin, Rose Wallie	Chicago	LAS	Genl	So	I	
Wolper, Geraldine Reva	Chicago	LAS	Genl	Fr	I	II
Wolper, Lorraine	Chicago	FAA	Art	Fr	I	II
Womacks, Felicia Catherine	Marshall	LAS	Genl	So	I	II
Womelsdorf, Harry Bruce	Freeport	FAA	Art	So	I	II
Wood, Anna Lee	Libertyville	LAS	Genl	Fr	S	
Wood, Arthur, Jr.	Glencoe	LAS	Genl	Sr	I	II
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Wood, Francis Eugene	Carrollton	COM	LD	Fr	I	II
Wood, Iris Irene	Western Springs	LAS	PJnl	Fr	I	II
Wood, Jane Carolyn	Champaign	FAA	Art	Fr	I	II
Wood, Janet Lucile, A.B.	Wheaton	GRAD	Engl	U	I	
Wood, John Joseph	Chicago	LAS	PDent	Fr	S	I II
Wood, Leora Doris	Indianapolis, Ind.	LAS	Genl	Sr	S	I II
Wood, Margaret Enright, B.S., B.S.	Downers Grove	MED	Med	3	S	I II
Wood, Marilyn Ellen	Decatur	LAS	Genl	Jr	I	II
Wood, William Shoecraft	Chicago	LAS	DGS	Fr	I	
Woodman, Betty Jane	Peoria	AGR	HEcon	Fr	I	II
Woodman, Forrest Jackson, Jr.	Peoria	MED	Med	1	S	I II
Woodruff, Edna Madaline, B.Ed.	McLeansboro	GRAD	Educ	U	S	
Woods, James Edward	Chicago	LAS	PMed	Fr	I	II
Woods, Lyle Creston	Clinton	LAS	Chem	Sr	I	II
Woods, Margaret Ellen	Chicago	LAS	DGS	Fr	I	II
Woods, Walter Joseph	Decatur	LAS	Chem	Fr	I	II
Woodson, Harold W., B.S.	Chicago	GRAD	PhysChem	C	S	I II
Woodward, Doris Wright	Urbana	EDUC	Genl	U	S	I II
Woodward, Fred Erskine, A.B.	Frammingham, Mass.	GRD	Chem	U	S	I II
Woodward, Howard Eugene	Byron	LAS	Genl	Sr	S	I II
Woody, Rhea Mae	Effingham	AGR	HEcon	Sr	I	II
Woodard, Nicholas Carter	Benton	LAS	Genl	So	I	
Woodridge, Helene Mantella, B.S.	St. Louis, Mo.	GRAD	Educ	EM	I	
Wooley, Helen Ruth	Champaign	LAS	Genl	So	I	II
Wooley, Mary Margaret	Champaign	LAS	Genl	Fr	I	II
Woolen, Hyllis Elizabeth	Sullivan	LAS	Genl	Fr	I	II
Wooters, Ruth	Champaign	AGR	HEcon	Sr	S	I II
Worcester, Richard Laugel	Newton	MED	Med	1	S	I II
Worick, Joanne	Newton	MED	Med	1	S	I II
Workman, Mardelle Elaine	Martinsville	AGR	HEcon	Sr	S	I II
Workman, Paul Rode, A.B., A.M.	Gilman	LAS	Genl	Fr	I	II
Workman, William Edward	Mackinaw	GRAD	Educ	EM	S	II
Worland, Agnes Louise	Brownstown	LAS	ChEng	Fr	S	
Worland, Franklin Hugh John	Neoga			Unc	S	
Worley, Mary Louise	Aurora	LAS	PLaw	So	I	
Worley, Will, Jr., B.S.	Urbana	LAS	PLaw	Fr	I	II
	Sidney	GRAD	TAM	U	S	I II

Woronoff, Irene	Chicago	LAS	PJnl	Fr	S	
Worsek, Ernest Lee	Chicago	LAS	PDent	Fr		II
Woyski, Mark M., A.B., A.M.	Urbana	GRAD	Chem	U	S	I
Wray, Charlene Louise	Grayslake	AGR	HEcon	Fr		II
Wren, Charles Wadison, Jr.	Chicago	MED	Med	2	S	I
Wright, Curtis, Jr., B.S.	Calistoga, Calif.	LAW	Law	1		II
Wright, Francis Marion	Urbana	ENG	CerE	Sr		II
Wright, Harry Edward, A.B.	Brookport	MED	Med	1	S	I
Wright, Jacqueline, A.B.	Canton, Ohio	GRAD	SocSci	U		II
Wright, John Leslie, B.S.	Bloomington	MED	Med	2	S	I
Wright, Kenneth Newell	Allendale	AGR	Genl	So		II
Wright, Lois LaVere	Chicago	LAS	Genl	Fr		II
Wright, Margaret Louise	Alton	PE	PE	Fr		II
Wright, Robert Samuel	Peotone	ENG	CE	Jr	S	I
Wright, Samuel Dudley	Marion	ENG	EE	Sr	S	S
Wrobel, Stanley Francis	Chicago	DENT	Dent	3		II
Wrzesinski, John Thomas	Chicago	MED	Med	1		II
Wu, Ying Lun, B.S.	Chungking, China	GRAD	Eng	U	S	I
Wunsch, Charles Alphonse, B.S.	Chicago	MED	Med	1	S	I
Wurzbarger, Betty Jean	Sibley	AGR	HEcon	Sr	S	I
Wyckoff, Phyllis Nell	Effingham	LAS	Genl	So		II
Wyeth, John Woodfall, B.Ed., A.M.	Charleston	GRAD	Educ	U		II
Wykes, Arthur Albert	Medford, Mass.	LAS	Chem	Jr		II
Wylam, William Austin	Oak Park	ENG	ME	Fr		II
Wyllie, Florence Jean	Minonk	COM	UD	Jr		II
Wyman, Marvin E., A.B., M.S.	Urbana	GRAD	Physics	U	S	I
Wyman, Flavius W., B.S., M.S.	Lowes, Ky.	GRAD	Chem	U		II
Wynd, Harriet Ryniker, A.B., A.M.	Billings, Mont.	LAS	Genl	Irr		II
Wynne, Marylee	Belleville	LAS	Genl	So		II
Yackle, Julö Wilma	Irving	LAS	Genl	Fr		II
Yacs, Wanda	Chicago	LAS	PMed	Fr		II
Yaeger, Edgar Gabriel, A.B., A.M.	Philo	GRAD	Educ	U	S	I
Yakley, Dorothy Carolyn	Downers Grove	AGR	HEcon	Fr		II
Yakovljevitich, Nikifor, B.S., M.S.	Gostivar, Yugoslavia	GRAD	CE	U		II
Yakley, Lynette Audrey	Downers Grove	LAS	Genl	Jr		II
Yale, Jean	Chicago	LAS	Genl	Fr		II
Yalow, Abraham Aaron, A.B., M.S.	Champaign	GRAD	Physics	U	S	I
Yalow, Rosalyn Sussman, A.B., M.S.	Champaign	GRAD	Physics	U	S	I
Yalowitz, Seymour Hershel	Chicago	DENT	Dent	2	S	I
Yarnell, Joyce Eileen	Sullivan	PE	PE	So		II
Yarrington, Kent	Salem	LAS	Genl	Fr	S	I
Yates, Beverly Lee	New Burnside	FAA	Mus	Sr	S	I
Yehling, George Carl, Jr.	St. Louis, Mo.	LAS	ChEng	Sr		II
Yerasavich, Margaret Helen, A.B.	Westville	GRAD	Engl	U	S	
Yerby, Barbara Jane	Monica	LAS	Genl	Jr		II
Yokem, Mary Louise	Chicago	LAS	Genl	So		II
Yonda, Russell Graham	Chicago	LAS	ChEng	Fr		II
York, Barbara Jean	Chicago	LAS	Genl	So		II
York, Mary Elizabeth	Chrisman	LAS	Genl	So		II
Youmans, Clark Everett, B.S., M.S.	Chrisman	AGR	HEcon	Sr	S	I
Youmans, Maryalice	Cerro Gordo	GRAD	Educ	U		II
Young, Cecil Dean	Chicago	LAS	Genl	So		II
Young, Charles Lincoln	Toulon	ENG	Genl	Fr	S	
Young, Claude Henry	Champaign	COM	UD	Sr	S	
Young, Claudine	Chicago	LAS	Genl	Fr		II
Young, Cora Elizabeth	Canton	LAS	Genl	Jr		II
Young, Everette Clair	Bondville	FAA	Art	Fr		II
Young, Jean Yetta	Chicago	LAS	Genl	Fr		II
Young, John Brand	Urbana	LAS	Genl	Fr	S	
Young, John Davis, B.S.	Durham, N.C.	GRAD	Chem	U		II
Young, Loren Neil	Chicago	PE	PE	Fr		II
Young, Lymme Masco	Chicago	PE	PE	So		II
Young, Marian Frances Ann	Oak Park	AGR	HEcon	So		II
Young, Marjorie Ellen	Neoga	EDUC	Genl	Jr	S	
Young, Mildred Lucille	Gillespie	LAS	Genl	So		II
Young, Robert Lawrence, B.S.	Chicago	MED	Med	4	S	I
Young, Teena	Chicago	LAS	Genl	Fr		II
Young, Wendall Wood	Urbana	COM	LD	Fr		II
Youngheart, Phyllis Margie	Toledo, Ohio	LAS	Genl	Fr		II
Yuce, Husnu, B.S., B.S.	Istanbul, Turkey	GRAD	CE	U		II
Yund, Earl A., B.Ed.	Iola	GRAD	Educ	EM		II
Yuskis, John Peter	Spring Valley	MED	Med	2	S	I
Zabin, Lucille	Chicago	LAS	Genl	Jr		II
Zablock, Alice Veronica	Chicago	PHARM	Pharm	1	S	I
Zacccone, Frank Phillip	Chicago	LAS	ChEng	Fr	S	
Zack, Russell William	Sheffield	MED	Med	1	S	I
Zack, Shirley	Detroit, Mich.	LAS	Genl	Fr		II
Zaczek, Sam John, Jr.	Chicago	COM	UD	Sr	S	I
Zahorsky, Metta Virginia M., B.S.	West Salem	GRAD	HEcon	U		II
Zak, Herbert Bernard	Chicago	DENT	Dent	2	S	I
Zak, Richard Anthony, A.B., B.S.	Berwyn	MED	Med	3	S	I
Zakoian, Charles George	Chicago	ENG	ME	Fr	S	I
Zalar, Richard Wayne	Joliet	MED	Med	2	S	I
Zaleznak, Bernard David	Chicago	LAS	PMed	Jr	S	I
Zambrano, Marcelo Hellion	Monterrey, Mexico	FAA	Arch	So	S	I
Zannini, John Joseph, B.S.	Waukegan	MED	Med	3	S	I

Zarbin, Robert Sigmen	Chicago	LAS	ChEng	Fr	I	II
Zaret, Ellen	Chicago	LAS	DGS	Fr	I	II
Zaritsky, Libby Lazarson	New York, N.Y.	LAS	Genl	Jr	I	II
Zarnecki, Elaine Monica	Chicago	LAS	Genl	Jr	S	I
Zaura, Verne	Madison, Nebr.	ENG	ME	Sr	S	I
Zawolkow, Seymour	Chicago	LAS	Genl	Fr	S	I
Zderad, Adeline Marie	Cicero	PE	PE	Sr	S	I
Zebranek, James David	Chicago	LAS	Genl	Fr	S	I
Zechman, Suzanne	Chicago	LAS	DGS	Sr	S	I
Zeger, Joseph	Port Jervis, N.Y.	DENT	Dent	3	S	I
Zeglis, Dorothy Ann Joost	Sheldon	LAS	Genl	Jr	I	II
Zehr, Edmund John, A.B.	Mackinaw	GRAD	Soc	EM	I	II
Zeidman, Blossom Shirley	Chicago	LAS	Genl	Sr	I	II
Zeisler, Phyllis Joan	Kankakee	EDUC	Genl	Jr	S	I
Zeiter, Martin Jacob, B.S.	Danville	GRAD	Educ	U	S	I
Zelkin, Allen	Chicago	COM	LD	Fr	I	II
Zeller, Paul Clifford	Skokie	AGR	Genl	Fr	I	II
Zellermayer, Reuben Julius	Chicago	LAS	PMed	Fr	I	II
Zeltmann, Margaretha Caroline, B.S.	Alton	GRAD	Educ	EM	I	II
Zempel, Clara	Lewistown	AGR	HEcon	Jr	I	II
Zentner, Adele Harriet	Chicago	LAS	Genl	So	I	II
Zenziper, Marion	Chicago	LAS	Genl	Jr	I	II
Zerby, Margaret Ellen Schiller, A.B., A.M.	Iowa City, Iowa	GRAD	Engl	U	I	II
Zertoss, Karl Peak, Jr.	Chicago	ENG	EE	Jr	S	I
Zernes, Richard Leroy	Chicago	COM	LD	Fr	S	I
Zialcita, Lorenzo P., Jr., B.S., M.S.	Manila, P.I.	GRAD	AnHusb	U	S	I
Zibel, Milton, B.S.	Champaign	MED	Med	3	S	I
Ziegelmeier, Wayne Emerson	St. Charles	ENG	Genl	Fr	S	I
Ziegler, Helen Beth	Champaign	AGR	HEcon	Sr	I	II
Ziegler, John Benjamin, Jr., B.S., M.S.	Urbana	GRAD	Chem	U	I	II
Ziegler, Mary Mae	Urbana	LAS	Genl	So	I	II
Zilly, Mary Frances Anning	Aurora	EDUC	Genl	Jr	S	I
Zilly, Robert George, B.S.	Champaign	EDUC	Irr	S	I	II
Zlim, Wilda Carol	Varna	FAA	Art	Fr	S	I
Zimmer, George August	Christopher	ENG	ME	So	S	I
Zimmer, Roland W., A.B.	Urbana	GRAD	Econ	U	S	I
Zimmerman, Douglas Allen	Mt. Sterling	MED	Med	1	S	I
Zimmerman, Norma Gene	Pittsfield	LAS	Genl	Fr	I	II
Zimmerman, Robert Benner, A.B.	Springfield	GRAD	Educ	U	S	I
Zimmerman, Seymour	Chicago	LAS	PMed	Fr	I	II
Zimmerman, Wanda Lee	Pittsfield	LAS	LibSci	So	I	II
Zimmermann, Marguerite Louise, B.Ed.	Springfield	LIB	Genl	1	S	I
Zingre, Grace Louise	Kinsman	EDUC	Genl	Sr	I	II
Zinzi, Vito Bernard	Union City, N.J.	COM	LD	4	S	I
Zitek, Russell William, B.S.	Cicero	MED	Med	4	S	I
Znaniacki, Helena Beatrice Maria	Champaign	LAS	Genl	So	S	I
Zoeller, Loeta Fern	Gillespie	COM	LD	Fr	I	II
Zogg, Patricia Anne	Paris	LAS	PJnl	Fr	I	II
Zogg, Richard Edward	Belleville	LAS	Genl	Jr	S	I
Zold, Virginia Lee	Illioopolis	LAS	Genl	So	S	I
Zoline, Sorel Lee	Oak Park	LAS	Genl	Fr	I	II
Zollo, Gwendolyn	Chicago	LAS	Genl	Fr	S	I
Zombro, Julia Ann	Champaign	LAS	Genl	Jr	S	I
Zonenblik, Geraldine	Chicago	LAS	Genl	Fr	I	II
Zornig, Lois Elaine	Homewood	FAA	Mus	So	I	II
Zoub, Burton Irving	Chicago	LAS	Genl	So	I	II
Zuck, Dorothy Elizabeth	Evanston	LAS	Genl	So	S	I
Zucker, Edward, A.B., B.S.	Chicago	DENT	Dent	3	S	I
Zuckerman, Melvin Gerald	Elgin	ENG	MetE	Fr	S	I
Zupsich, Mike Allison, A.B.	Mt. Olive	GRAD	Math	U	S	I
Zvetina, James Raymond, B.S.	Forest Park	MED	Med	4	S	I
Zwalanck, Helen Kathryn	Rockford			Unc	S	I
Zweback, Milton Jay	Rego Park, L.I., N.Y.	DENT	Dent	3	S	I
Zweig, Joseph Martin, A.B.	Chicago	DENT	Dent	4	S	I
Zwemer, Jack	Berrien Springs, Mich.	DENT	Dent	1	S	I
Zwick, Clara	Chicago	LAS	Genl	So	I	II
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