

Union University DEC 3 1 1000 1100



Medical Department Albany Medical College

November, 1921

Announcement for 1921-1922

Attention is called to the fact that ALL students are to be governed by the rules, regulations and provisions contained in this announcement subject to the right of the trustees and faculty to repeal, change, amend or add to them or any of them and also to the express reservation by the Faculty (page 58).

Albany Medical College



Medical Department

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Union University

Announcement for 1921-1922

Press of Frank H Evory & Co Albany N Y

1921															
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1921 — CALENDAR — 1922

1921

September 12, Monday...Examinations begin for applicants for advanced standing and for those previously conditioned.

September 19, Monday...Academic year begins. Registration of students. Payment of first half of tuition fee is required on or before this date.

November 8, Tuesday Election Recess.

November 24, 25, 26..... Thanksgiving Recess.

Christmas Recess from Dec. 24, 1921, to Jan. 2, 1922, Inclusive.

1922

January 31, Monday.... Mid-year Examinations begin.

February 4, Saturday....Payment of second half of tuition fee is required on or before this date.

February 6, Monday.....Second half year begins. (All classes except first year).

February 9, Thursday....First term of first year class ends. February 13, Monday....Second term of first year class begins.

February 22, Wednesday. Washington's Birthday.

May 30, Tuesday...... Memorial Day.

May 31, Wednesday..... Examinations begin.

June 12, Monday......Commencement.

September 18, Monday... Examinations begin for applicants for advanced standing and for those previously conditioned.

September 25, Monday...Academic year begins. Registration of students. Payment of first half of tuition fee is required on or before this date.

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*President, EDMUND N. HUYCK, Albany.
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^{*}Member of Executive Committee of the Albany Medical College.

ALBANY MEDICAL COLLEGE

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FACULTY AND TEACHING STAFF

- *CHARLES ALEXANDER RICHMOND, D.D., LL.D., Chancellor of the University. Union College, Schenectady
- JAMES PETER BOYD, A.B., M.D., Emeritus Professor of Obstetrics and Diseases of Children. 152 Washington Ave.
- CYRUS STRONG MERRILL, M.D., Emeritus Professor of Ophthalmology and Otology. 27 South Hawk St.

Department of Medicine

- *HERMON CAMP GORDINIER, A.M., M.D., Professor of Medicine. 89 Fourth St., Troy
- *THOMAS ORDWAY, A.M., Sc.D., M.D., Dean and Associate Professor of Medicine. 161 So. Lake Ave.
- LEMUEL WHITTINGTON GORHAM, M.D., Clinical Professor of Medicine. 214 State St.
- CLINTON BENJAMIN HAWN, M.D., Clinical Professor of Medicine. 346 State St.
- JESSE MONTGOMERY MOSHER, M.D., Clinical Professor of Mental Diseases 170 Washington Ave.
- ARTHUR SAUTTER, M.D., Clinical Professor of Dermatology and Contagious Diseases. 220 State St.
- HENRY LARNED KEITH SHAW, M.D., Clinical Professor of Pediatrics. 361 State St.
- ARTHUR BENSON, M.D., Instructor in Pediatics.

 2 St. Paul's Place. Troy
- FREDERIC CHARLES CONWAY, M.D., Instructor in Medicine. 292 Madison Ave.
- ERASTUS CORNING, M.D., Instructor in Medicine.
 210 State St.

^{*}Member of the Executive Faculty.

- STEPHEN W. CURTIS, M.D., Instructor in Medicine.
 80 First St., Troy
- OTTO A. FAUST, M.D., Secretary and Instructor in Medicine.

 817 Madison Ave.
- NELSON KAUFMAN FROMM, M.D., Instructor in Medicine. 259 State St.
- WALTER KINGSLEY GRIGG, B.S., Instructor in Clinical Pathology. 340 So. Manning Blvd.
- PERCIVAL W. HARRIG, M.D., Instructor in Dermatology.

 176 Hamilton St.
- WILLIAM KIRK, M.D., Instructor in Medicine.
 2167 Fifth Ave., Troy
- RICHARD ANDREW LAWRENCE, M.D., Instructor in Pediatrics. 247 Delaware Ave.
- WILLIAM E. LAWSON, M.D., Instructor in Medicine.
 Western Ave., Albany
- CLINTON PRESTON McCORD, M.D., Instructor in Educational Hygiene. 460 Yates St.
- JOSEPH PATRICK O'BRIEN, M.D., Instructor in Medicine.

 194 Lark St.
- D. GLEN SMITH, M.D., Instructor in Industrial Medicine.

 Schenectady
- FRANK VANDER BOGERT, M.D., Instructor in Pediatrics.

 III Union St., Schenectady
- FRANK JOHN WILLIAMS, M.D., Instructor in Pediatrics.
 72 South Swan St.
- CHARLES KNICKERBACKER WINNE, Jr., M.D., Instructor in Medicine. 151 Chestnut St.
- ALFRED HERMAN DUERSCHNER, M.D., Assistant in Medicine.

 Albany Hospital
- GEORGE N. LEONARD, M.D., Assistant in Medicine.
 273 Quail St.

Department of Surgery

- *ARTHUR WELLS ELTING, M.D., LL.D., Professor of Surgery. 119 Washington Ave.
- ARTHUR JOSEPH BEDELL, M.D., Clinical Professor of Ophthalmology and Otology. 344 State St.
- GEORGE EVERETT BEILBY, M.D., Clinical Professor of Surgery. 247 State St.
- JOHN McWILLIAMS BERRY, M.D., Clinical Professor of Orthopedics and Roentgenology. 35 Elk St.
- JOSEPH LEWI DONHAUSER, M.D., Clinical Professor of Surgery. 252 State St.
- JOHN BRUCE HARVIE, M.D., Clinical Professor of Surgery. 41 Second St., Troy
- CHARLES G. McMULLEN, M.D., Clinical Professor of Surgery.

 613 State St., Schenectady
- ARTHUR HENRY STEIN, M.D., Clinical Professor of Surgery. 92 Washington Ave.
- CLEMENT FRANK THEISEN, M.D., Clinical Professor of Laryngology and Rhinology. 172 Washington Ave.
- JAMES NEWELL VANDER VEER, M.D., Clinical Professor of Genito-Urinary Surgery. 28 Eagle St.
- STANLEY EARL ALDERSON, M.D., Instructor in Surgery.
 312 State St.
- PETER L. HARVIE, M.D., Instructor in Surgery.
 64 Second St., Troy
- EUGENE EUNSON HINMAN, M.D., Instructor in Laryngology and Rhinology. 146 Washington Ave.
- WILLIAM PATRICK HOWARD, M.D., Instructor in Surgery, Orthopedics and Roentgenology. 180 Washington Ave.
- HENRY HUN, M.D., Instructor in Surgery.

180 Washington Ave.

^{*}Member of the Executive Faculty.

CHARLES HENRY MOORE, M.D., Instructor in Ophthalmology and Otology. 27 South Hawk St.

ARTHUR SAUTTER, M.D., Instructor in Venereal Diseases.
220 State St.

JOHN FORREST SOUTHWELL, M.D., Instructor in Surgery and Genito-Urinary Surgery. 346 State St.

PERCIVAL W. HARRIG, M.D., Assistant in Venereal Diseases.

176 Hamilton St.

JOHN EDWARD HESLIN, M.D., Assistant in Genito-Urinary Surgery. 28 Eagle St.

WILLIAM GEORGE KEENS, M.D., Assistant in Laryngology and Rhinology. 206 State St.

FRED F. McGAULEY, M.D., Assistant in Surgery.

Schenectady

JOHN PAUL O'KEEFFE, M.D., Assistant in Laryngology and Rhinology. 251 State St.

Department of Gynecology

*JOHN ALBERTSON SAMPSON, A.M., M.D., Professor of Gynecology. 180 Washington Ave.

PAUL TOMPKINS HARPER, M.D., Clinical Professor of Obstetrics. 289 State St.

THOMAS OWEN GAMBLE, M.D., Instructor in Obstetrics. 180 Washington Ave.

ROLAND G. HOLT, M.D., Instructor in Obstetrics.

1005 Union St., Schenectady

TIFFANY LAWYER, M.D., Instructor in Gynecology.

192 Jay St.

JOSEPH O'CONNOR KIERNAN, M.D., Resident Obstetrician, Brady Maternity Home, Assistant in Obstetrics.

Department of Neurology

*LASALLE ARCHAMBAULT, M.D., Professor of Neurology.
46 Chestnut St.

^{*}Member of the Executive Faculty.

- NELSON KAUFMAN FROMM, M.D., Instructor in Neurology. 259 State St.
- WILLIAM KIRK, M.D., Instructor in Anatomy of the Nervous System. 2167 Fifth Ave., Troy

Department of Anatomy

- *WESLEY MANNING BALDWIN, A.M., M.D., Professor of Anatomy.

 Albany Medical College
- CHARLES E. ALLEN, A.B., M.D., Instructor in Anatomy.
 279 Madison Ave.
- ANTON SCHWARTZ SCHNEIDER, B.S., M.A., M.D., Instructor in Anatomy. 279 Madison Ave.
- THOMAS WILLIAMS JENKINS, M.D., Assistant in Anatomy. 524 Madison Ave.
- ARTHUR HENRY STEIN, B.S., M.D., Associate in Anatomy. 92 Washington Ave.

Department of Physiology

- *MELVIN DRESBACH, M.Sc., M.D., Professor of Physiology.

 Slingerlands
- ARTHUR KNUDSON, PH.D., Professor of Biological Chemistry.

 818 Lancaster St.
- LAWRENCE JOSEPH EARLY, M.D., Associate in Physiology.

 2 McPherson Terrace
- HELEN R. HOSMER, B.S., Assistant in Biological Chemistry.

 320 Madison Ave.
- FRANK S. RANDLES, Ph.B., Assistant in Biological Chemistry.

 Menands

Department of Pathology

- *VICTOR C. JACOBSON, M.D., Professor of Pathology.

 582 Park Ave.
- LAWRENCE JOSEPH EARLY, M.D., Associate in Bacteriology. 2 McPherson Terrace

^{*}Member of the Executive Faculty.

- HAROLD E. MARDEN, M.D., Instructor in Pathology and Bacteriology.

 Albany Hospital
- PERCY LAWRENCE DENOYELLES, M.D., Assistant in Pathology and Bacteriology.

 381 Myrtle Ave.
- WALTER KINGSLEY GRIGG, B.S., Assistant in Bacteriology. 340 So. Manning Blvd.

Special Lecturers and Instructors

LESTER BETTS, M.D., Visiting Physician.

Ellis Hospital, Schenectady

- HERMANN M. BIGGS, Commissioner New York State Department of Health.
- PAUL B. BROOKS, M.D., Assistant Director, Division of Laboratories and Research, New York State Department of Health.
- G. MARCELLUS CLOWE, M.D., Visiting Physician.
 Ellis Hospital, Schenectady
- ROY M. COLLIE, M. D., Visiting Physician.

Ellis Hospital, Schenectady

- WILLIAM B. CORNELL, M.D., Physical and Mental Diagnostician, New York State Department of Education.
- FREDERICK C. CURTIS, M.D., Consulting Dermatologist, New York State Department of Health.
- CHARLES C. DURYEE, M.D., Sanitary Supervisor, New York State Department of Health.
- OTTO R. EICHEL, M.D., Director, Division of Vital Statistics, New York State Department of Health.
- EDWARD S. GODFREY, Jr., M. D., Director, Division of Communicable Diseases, New York State Department of Health.

- STILLMAN S. HAM, M.D., Visiting Physician.

 Ellis Hospital, Schenectady
- C. A. HOLMQUIST, C.E., Principal Assistant Engineer, New York State Department of Health.
- THEODORE HORTON, C.E., Director, Division of Sanitary Engineering, New York State Department of Health.
- WILLIAM A. HOWE, M.D., State Medical Inspector of Schools, New York State Department of Education.
- HORACE J. HOWK, M.D., Physician in Charge, Metropolitan

 Life Insurance Company Sanatorium, Mount McGregor,
 N. Y.
- LEROY HUBBARD, M.D., Orthopedic Surgeon, New York State Department of Health.
- JOSEPH S. LAWRENCE, M.D., Director, Division of Venereal Diseases, New York State Department of Health.
- EDWARD H. MARSH, M.D., Consultant, Division of Venereal Diseases, New York State Department of Health.
- F. W. McSORLEY, M.D., Director, Division of Tuberculosis, New York State Department of Health.
- J. H. MILLER, D. V. S., Chief Milk Inspector, City Department of Health, Albany, N. Y.
- MATTHIAS NICOLL, Jr., M.D., Deputy Commissioner, New York State Department of Health.
- WILLIAM H. PARK, M.D., Professor of Bacteriology and Hygiene, New York University.
- JOHN A. SMITH, M.D., Secretary, New York State Department of Health.
- WARREN B. STONE, M.D., Director, Pathological Laboratory Ellis Hospital, Schenectady.

- L. M. WACHTER, Chemist, Division of Laboratories and Research, New York State Department of Health.
- AUGUSTUS B. WADSWORTH, M.D., Director, Division of Laboratories and Research, New York State Department of Health.
- J. S. WALTON, M.D., Sanitary Supervisor, New York State Department of Health.
- JOSEPH A. WARREN, A.B., LL.B., Legal Adviser, New York State Department of Health.
- J. G. WILSON, M.D., P. A. Surgeon, U. S. Public Health Service.
- CALVIN B. WITTER, M.D., Roentgenologist, General Electric Co. Schenectady

ALBANY MEDICAL COLLEGE

General Statement

The Albany Medical College was organized in 1838 and incorporated in 1830, in which year its first class was graduated. Pursuant to the Act of Incorporation of Union University in 1873, Union College (Schenectady), the Albany Medical College, Albany Law School, Dudley Observatory and later the Albany College of Pharmacy, united in constituting Union University Each institution, retaining its own property, was separately managed by its own Board of Trustees. To meet modern requirements for university control and in order to effectuate the provision that the Albany Medical College was the Medical Department of the University, its Trustees in 1915 appointed an Executive Committee of thirteen to control the educational policy of the Medical School, nine members of which are Governors of Union University. Also upon request of the Trustees of the Medical College the Governors of Union University have appointed a similar committee identical in personnel.

The Albany Medical College has the scientific and clinical direction of major and minor services of the Albany Hospital by reason of the fact that the heads of clinical and laboratory departments of the medical school are the heads of corresponding departments in the hospital and its dispensaries.

The Executive Faculty is composed of the Chancellor of the University, the heads of the five major departments of medicine, two special departments and the Dean. The advantage of such a small working faculty is apparent.

Clinical Opportunities

Hospital facilities are assured in order to make available sufficient clinical material for approved methods of teaching clinical medicine.

The Albany Hospital

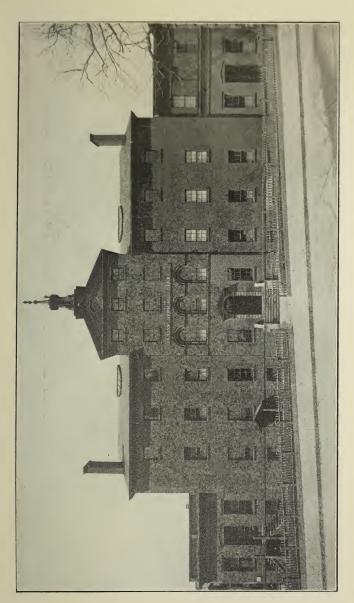
The Albany Hospital is a large, general hospital of about 400 beds. There are special buildings for contagious and mental diseases and a separate department for tuberculosis. A very close relationship has been established between the Albany Hospital and the Albany Medical College whereby there is a full time medical teaching service which serves as a clearing house for all cases not frankly mental, contagious or surgical. There is a similar service, continuous during the school year, in surgery.

Pavilion F for Mental Diseases. The wards of Pavilion F of the Albany Hospital are used for clinical instruction in mental diseases. This building provides thirty-three beds for the treatment of acute mental cases, and for the temporary detention of cases of insanity, pending legal commitment to institutions for the insane. About three hundred and fifty patients are received each year. The organization and administration are those of the general hospital, and special attention is given to the physical basis of mental symptoms.

Pavilion G for Contagious Diseases. The Pavilion on the first floor is divided into four corridors for different contagious diseases, each corridor having a separate entrance from the main hall, which entrance is protected by two doors. The second floor is divided into three parts, one part for the supervising nurse and nurses' dining-room, and one part for the nurses' sleeping quarters, and the third part into one large ward divided for male and female patients.

Albany Hospital Tuberculosis Sanatorium for all forms and stages of tuberculosis. Accommodations for 50 adults and 20 children. Waiting list. Attending and resident physicians, graduate and pupil nurses.

The Sanatorium is located on rising ground of dry, sandy soil, surrounded by 100 acres of land owned by the Hospital, partly wooded and partly under cultivation. Plant consists of a central building, two stories in height, and two open ward wings, one story high. In the central portion are the administrative



ALBANY MEDICAL COLLEGE

THE ALBANY HOSPITAL

and medical offices, dining room and kitchens, heating and storage units, and private rooms for advanced cases. The open wards are for the treatment of ambulant patients.

The children's building is of the lean-to type, and contains, beside living accommodation, Public School 16 annex. The other buildings in the group are the residents' cottage and the nurses' home.

The natural advantages of location and wide variety of cases, the adequate supervision of the patients and the close association of this department with the other departments of the Hospital, tend to make it a clinic of value both to the students and social workers. The Sanatorium is accessible by trolley car from all points of the city.

The South End Dispensary. The South End Dispensary is a large general dispensary with departments for the special branches of medicine. It is located in a crowded part of the city and provides abundant material for teaching.

St. Peter's Hospital

St. Peter's Hospital is located at Broadway and North Ferry Street. It is under the management of the Sisters of Mercy. The hospital has a capacity of 104 beds. The medical and surgical services, the wards and the dispensary provide clinical material for the purpose of study and teaching.

The Anthony N. Brady Maternity Home

The Anthony N. Brady Maternity Home is located on North Main Avenue. In its public wards of twelve beds and in its semi-private and private rooms, there are accommodations for fifty obstetric cases. It shares with the Infant Home, a spacious plot assuring an abundance of light and air. On each of the three floors devoted to patients, there are a nursery and two solaria; on the fifth or top floor, there are the labor, delivery and sterilizing rooms. The appointments throughout are mod-

ern and the equipment complete. An obstetric dispensary and a motor ambulance are maintained.

The Child's Hospital

The Child's Hospital has a capacity of sixty beds. It is situated at the corner of Elk and Hawk Streets and is under the direct management of the Sisters of the Order of the Holy Child Jesus as a portion of the diocesan work of the Episcopal Diocese of Albany. It is designed to care for children not less than one year old, requiring medical or surgical treatment, suffering from acute or chronic diseases, or convalescing from long illness. All classes of cases are admitted, except contagious. During the year about 500 patients are cared for and about 200 operations are performed.

St. Margaret's House and Hospital for Infants

St. Margaret's House and Hospital for Infants is situated on the corner of Elk and Hawk Streets, next to the Child's Hospital. This hospital was especially constructed for the care of infants and has a capacity of sixty cribs. Only infants under twelve months of age are admitted, but they can remain until they are two years old if their condition requires special care. Particular attention is given to the proper feeding of infants and the diet kitchen and refrigerator room were constructed for this purpose. The hospital offers special advantages for the study, care and feeding of infants, both in sickness and health.

The Albany Hospital for Incurables

This hospital was established in 1884, for the care of chronic patients. It is situated in a beautiful part of the southern section of the city and cares for seventy-five patients, sixty-five of whom are charity or semi-charity cases.

These patients are all chronic cases and illustrate especially well the advanced stages of nervous lesions, cardio-renal conditions, disorders of metabolism and malignancy. These patients are available for clinics and individual study.

The Albany Orphan Asylum

The Albany Orphan Asylum accommodates about one hundred and fifty children between the ages of six and sixteen in modern cottages of the most approved type upon grounds near the Albany Hospital. Students of the Albany Medical College visit the asylum with instructor for training in methods of normal physical and mental diagnosis. Classes in vaccination are held here.

The County Hospital

The County Hospital is conveniently located near the Albany Hospital. It contains one hundred and fifteen beds which are occupied by a great variety of cases including the usual and certain more unusual conditions.

The Ellis Hospital

The Ellis Hospital is located at Nott Street and Rosa Road, Schenectady. It is a general hospital of 175 beds and furnishes opportunity for clinical study, embracing a great variety of pathological conditions. Because of the nature of the large industries, many surgical emergency conditions are treated in the hospital. The Pathological Laboratory is well equipped, and besides caring for the routine work of the hospital, performs the bacteriological work for the city and county of Schenectady. There is a library of several hundred volumes and also about thirty of the more important current publications.

The Samaritan Hospital

The Samaritan Hospital in Troy was completed in the autumn of 1914. It is located on Burdett and Peoples avenues, and is easily accessible by the Beman Park lines. This hospital was built on the pavilion plan with a large central administration building, part of which is the nurses' home. It has a capacity of 225 beds, including those of the contagious building, which is an independent unit of 25 beds. The medical and surgical

wards containing forty beds are large and well adapted for bedside clinical instruction. There are two large and one small operating rooms, together with a well-equipped, modern delivery room. The pathological and clinical laboratories are adjacent to the medical wards and very accessible. The specialities are represented by a well-conducted out-patient service. The hospital construction and equipment is thoroughly modern.

The Albany Guild for Public Health Nursing

SPECIAL OBSTETRIC DEPARTMENT

The purpose of the work of this department, which is carried on in connection with the Albany Medical College and under the immediate direction of an instructor of obstetrics, is two-fold: (I) to give the sick-poor efficient obstetric care, and (2) to teach students clinical obstetrics.

That the foregoing may be realized the management is as follows:

Patients are confined, in their homes, in the presence of and visited regularly by the instructor in obstetrics. Abnormal cases and primipara are referred to the Anthony N. Brady Maternity Home or the Albany Hospital, where provision is made for their care.

All fourth year students are subject to call for service in this department wherein are afforded opportunities for the observation and direction of labor and the puerperium under professional supervision. The members of the Staff are associated, as Instructors, with the Department of Obstetrics in the College.

A course of practical lectures is given the Guild nurses who supply the nursing care.

Hospital Appointments

About the close of each school year vacancies occur in the house staffs of the hospitals in Albany, Troy, Schenectady and other cities. These are filled by medical school ranking or by

competitive examinations which are open to members of the graduating class. Students are expected to take at least one year of service after graduation in a large, general hospital.

Library

In 1893 the Medical School presented its library to the State of New York to form the nucleus of a large medical library which should be forever open to the students of the medical schools and in general to physicians throughout the State. The medical library is now unusually well housed and equipped in the new Education Building where every assistance and convenience is afforded to students. The entire library has 535,000 bound volumes and takes 6,000 current periodicals. The medical library possesses over 25,500 bound volumes and receives 350 current periodicals. In addition to this library, each department has its own small working library of books and journals for ready reference.

Requirements for Admission

Admission to First Year Class

No applicant for the Degree of Doctor of Medicine will be admitted to the Albany Medical College, Medical Department of Union University, unless he has satisfactorily completed, in addition to a high school course, two years of work in Union College or presents equivalent credits from another approved institution as outlined below. Each candidate must present a Medical Student's Certificate from the Examination Division of the Board of Regents of the State of New York. No entrance conditions are allowed.

The minimum collegiate premedical work is sixty semester hours extending through two years of thirty-two weeks each exclusive of holidays. The subjects included in the two years of college work should be in accordance with the following schedule:

Schedule of Two Year Premedical College Course

Required Subjects.	Semester
	Hours
Chemistry (a)	12
Physics	6
Biology (b)	
English Composition and Literature (c)	6
A Modern Foreign Language. (d)	
Subjects Strongly Urged.	
Comparative Vertabusts Anatomic	

Comparative Vertebrate Anatomy. Psychology.

Social Science.

Suggestions Regarding Individual Subjects

- (a) Chemistry. While the above requirement in chemistry is a minimum for admission, those applicants for the year 1922-23 who can present the following credits in chemistry will be given preference:
- 1. Eight semester hours in general inorganic chemistry, of which four must consist of laboratory work.
- 2. Four semester hours in analytical chemistry, of which two must consist of laboratory work.
- 3. Four semester hours in organic chemistry, of which two must consist of laboratory work.

These credits will be required of all candidates beginning with the year 1923-24.

- (b) Biology. Eight semester hours are required, of which four must consist of laboratory work. This requirement may be fulfilled by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone. This requirement may also be fulfilled by six semester hours of collegiate biology if preceded by a year (one unit) of high school biology.
- (c) English Composition and Literature. The usual introductory college course of six semester hours, or its equivalent, is required.
- (d) It is not considered advisable to spend more than twelve of the required sixty semester hours on foreign languages.

In case a reading knowledge of one language is obtained by six hours of college work, another six semester hours may be well spent in taking the beginner's course in the other language; if this is followed up by a systematic reading of science prose, a reading knowledge of the second language may be readily acquired. When a student spends more than two years in college he may well spend twelve semester hours of his college work in the second language.

PUBLIC HEALTH LAW, CH. 45 OF THE CONSOLIDATED LAWS

To provide for the preliminary education of medical students:

"The degree of bachelor or doctor of medicine shall not be conferred in this state before the candidate has filed with the institution conferring it the certificate of the Regents that before beginning the first annual medical course counted toward the degree, he had earned a Medical Student Qualifying Certificate in accordance with the rules of the Regents, the minimum requirement for which, for matriculates after January first, nineteen hundred and seventeen, shall be the successful completion of an approved four-year high school course or its equivalent.

Medical student certificates:

Every registered medical school in accordance with Regents rules, must require for admission the satisfactory completion of not less than 60 semester hours in an approved college of liberal arts and science after the completion of an approved four-year high school course or its equivalent. The completion of 60 semester hours means the completion of two years of college work which must include 12 semester hours in chemistry, at least 6 semester hours in physics, at least 6 semester hours in biology, and 6 semester hours in English. Of the 12 semester hours in chemistry at least 4 must be devoted to the study of organic chemistry. The Department recommends that the 60 semester hours should also include a modern foreign language. comparative vertebrate anatomy, psychology, and social science. This is the requirement for the medical student certificate which the applicant must complete in full before the certificate can be issued to him and before he may begin his medical study.

The applicant for the medical student certificate should have completed satisfactory courses of study in physics and biology during his secondary school course of study. This secondary study of these two subjects precedes and is in addition to his collegiate study of the same subjects. Students deficient in their secondary school courses in either or both of the above two sciences may make up such deficiency by the completion of not less than 8 college semester hours in the science or sciences in which the deficiency exists.

The applicant must present evidence that at the time when his collegiate study was begun he had fully met the requirement exacted for matriculation by the college which he attends. Certification to this effect must be made by the proper authority of the college when application for the certificate is made.

"All applicants for qualifying certificates upon equivalents from foreign countries other than those in which English is the language of the people, all or any part of which equivalent certificates are earned or issued in said foreign countries, shall pass the Regents' examination in second year English for foreigners.

"When all requirements are fulfilled, the Regents grant on receipt of 25 cents a medical student certificate.

"The certificate is sent directly to the medical school.

"Address all communications relating to these examinations to Director Examinations Division, University of the State of New York, Albany, N. Y., and not to this college."

A Premedical Course at Union College has been established to meet the requirements of the laws of the State of New York and the suggestions as set forth by the Association of American Medical Colleges. The entrance requirements to this course call for

English: 3 units.

Modern Languages: 2 units in either French, Spanish or German.

Mathematics:

Algebra (elem. and inter.): 1½ units. Plane Geometry: 1 unit.

Science: I unit in either physics, chemistry, biology, zoology or botany.

History: 1 unit.

Electives: 5½ units.

Certificates from schools approved by the faculty will be accepted for graduates of the school if they cover the above admission requirements and contain a recommendation from the principal of the school that the candidate be admitted to college. For non-graduates certificates may, on recommendation by the principal, be accepted for subjects other than English, mathematics and modern language.

For details regarding this premedical course address Dr. F. C. Barnes, secretary, Union College, Schenectady, N. Y.

Combined Courses leading to B.S. and M.D. degrees. While the above courses represent the minimum requirements for admission to the first year it is very strongly recommended that if possible the college work include three instead of two years so as to allow a more thorough preparation in physics, chemistry and biology and secure a greater breadth of culture. A combined seven-year course has been arranged with Union College, the academic department of Union University, and completion of this course entitles a student to both B.S. and M.D. degrees. For information address Dr. F. C. Barnes, Union College, Schenectady, N. Y.

Limitation of Numbers. Classes are limited in number and the college reserves the right to refuse applicants, if the number admitted is as large as can be effectively taught. It also reserves the right to limit the number of students accepted from any premedical school located in the vicinity of any other Class "A" Medical School. Women are admitted. Students are requested to apply for admission before July I, on blanks to be furnished by the Dean's office. All inquiries and other communications should be addressed to the Office of the Dean, Albany Medical College, Albany, N. Y.

Admission to Advanced Standing. All candidates for the degree of Doctor of Medicine desiring to be admitted to advanced standing must satisfy the conditions referred to under Admission to the First Year Class and in addition must present (a) Evidence that they have satisfactorily completed in an approved medical school the courses from which exemption is desired. (b) That they present a letter of honorable dismissal from, and be eligible for promotion in, the college in which they pursued their medical studies. (c) They must further be able to comply with the requirements for such promotion in the Albany Medical College. (d) They may also be required to pass examinations by the heads of the departments concerned.

It is against the policy of the faculty to admit students to advanced standing in the fourth-year class, and only in very unusual instances to the third-year class.

Admission of Special Students. On petition, supported by recommendation from the head of the department, special students may, at the discretion of the faculty, be registered in any course. Students who intend to be candidates for the degree of M.D., but find it practicable to devote only a limited amount of time to study and class work, may with the Dean's permission spread the courses of any one year over not more than two years, provided they will adapt themselves to any changes that may be made in the curriculum, and pay their fees pro rata, plus any just contingent increment found necessary. Resumption after the interruption of the medical course will be allowed at the point where the student dropped out only when the intermission is not over two years and providing he has the preliminary education of the class to which he is admitted. Courses added, modified or lengthened during his absence are, at the discretion of the faculty and the instructor in charge, repeated in whole or in part.

Examination and Advancement of Students

Students are graded as "passed," "conditioned" and "failed." A student who has failed in any subject must repeat the work in that subject. A student who is conditioned in not more than 50% of credits during the first and

second years and not more than 25% of credits during the third and fourth years is entitled to but one re-examination on the subjects in which he is conditioned. All conditions must be passed before the student may enter the succeeding year. Students conditioned in more than 50% of credits during the first and second years and more than 25% of credits during the third and fourth years must repeat the work of the entire year. No student will be registered more than twice in the same course. No student will be admitted to the third-year class unless he has taken the preliminary New York State Board examinations, or Part I examination of the National Board of Medical Examiners. No student will be admitted to the fourth-year class unless he has successfully passed the preliminary New York State Board examinations or Part I, examination of the National Board of Medical Examiners.

The faculty reserves the right to require the withdrawal of any student at any time whenever in the opinion of his instructors it is manifest that he is incompetent for his work, or for any reason is unfit to continue his course.

Requirements for License to Practice Medicine in New York State

All requirements for admission should be completed at least one week before examinations.— They are as follows:

- 1. Evidence that applicant is more than 21 years of age.
- 2. Certificate of moral character from not less than two physicians in good standing.
- 3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state.
- 4. Evidence that applicant has studied medicine not less than four school years, including four satisfactory courses of at least seven months each, in four different calendar years in a medical school registered as maintaining at the time a standard satisfactory to the Regents. New York medical schools and New York medical students shall not be discriminated against by the

registration of any medical school out of the state, whose minimum graduation standard is less than that fixed by statute for New York medical schools.

First exemption: "The Regents may in their discretion accept as the equivalent for any part of the third and fourth requirement, evidence of five or more years reputable practice of medicine, provided that such substitution be specified in the license."

- a For matriculates prior to January 1, 1897, in lieu of all the preliminary requirement and one year of the professional requirement.
- b For matriculates between January 1, 1897, and January 1, 1911, in lieu of one year of the preliminary requirement and one year of the professional requirement.
- c For matriculates after January 1, 1911, no acceptance of reputable practice for any part of either the third or fourth requirement.
- 5. Evidence that applicant "has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full right to practice medicine in some foreign country."
- 6. The candidate must pass examinations in (1) anatomy, (2) physiology, (3) chemistry, (4) hygiene and sanitation, (5) surgery, (6) obstetrics and gynecology, (7) pathology and bacteriology, and (8) diagnosis. The questions shall be the same for all candidates.

Second exemption: "Applicants examined and licensed by other state examining boards registered by the regents as maintaining standards not lower than those provided by this article, and applicants who matriculated in a New York state medical school before June 5, 1890, and who received the degree M.D. from a registered medical school before August 1, 1895, may without further examination, on payment of \$25 to the Regents and on submitting such evidence as they may require, receive from them an indorsement of their licenses or diplomas, conferring all rights and privileges of a Regents' license issued after examination." Indorsements of Ohio, Delaware, Illinois, Indiana,

Utah, New Jersey, Wisconsin and Virginia licenses are now possible.

7. A fee of \$25 payable in advance.

Partial examinations: An applicant 10 years of age certified as having studied medicine not less than two years, including two satisfactory courses of at least seven months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard, may be admitted conditionally to the examinations in (1) anatomy; (2) physiology; (3) chemistry.

Schedule of examinations for license to practise medicine from 1921 to 1925:

-			
1921	1922	1923	
Jan. 24-27	Jan. 23-26	Jan. 29-Feb. 1	
May 23-26	May 22-25	May 21-24	
June 27-30	June 26-29	June 25-28	
Sept. 26-29	Sept. 25-28	Sept. 24-27	
1924	1925		
n. 28-31	Jan. 26-29		
ay 19-22	May 18-21		
ne 23-26	June 22-25		
pt. 22-25	Sept. 21-24		
	Places		
	Jan. 24-27 May 23-26 June 27-30 Sept. 26-29 1924 n. 28-31 ay 19-22 ne 23-26	Jan. 24-27 Jan. 23-26 May 23-26 May 22-25 June 27-30 June 26-29 Sept. 26-29 Sept. 25-28 1924 1925 n. 28-31 Jan. 26-29 ay 19-22 May 18-21 ne 23-26 June 22-25 spt. 22-25 Sept. 21-24	

Albany, Buffalo, New York, Syracuse, Each candidate is notified as to exact place.

Daily Program

	Morning 9:15	Afternoon 1:15
Monday	Anatomy	. Physiology
Tuesday	Chemistry	. Hygiene and sanitation
Wednesday.	Surgery	Obstetrics and gynecology
Thursday	Pathology and bacteriology	. Diagnosis

Address all communications relating to State licenses and examinations to Examinations Division, University of the State of New York, Albany, N. Y., and not to this college.

GENERAL INFORMATION

Registration. After having complied with the "admission requirements" to the first year or to advanced standing, and paid the first half of the tuition fee, students, upon payment of \$5.00 for matriculation, receive a card which must be presented to the instructor in charge of each course in order that the holder may be recognized and receive due credit for his work. Matriculation applies only for the year in which the card is issued.

Students registering late are charged an additional fee of \$5.00 and are held accountable for absences thus incurred.

Fees. The tuition fee is \$200.00 (two hundred dollars) a year, payable in advance, or if desired, in two installments, the first on or before September 19, 1921; the second on or before February 4, 1922.

The fee for dissecting material is \$15.00.

There are no extra charges except for laboratory breakage or loss and certain individual supplies for which a deposit of \$5.00 is required in each of the following courses: anatomy, physiology, biological chemistry, pathology, pharmacology, clinical chemistry, and clinical pathology.

SUMMARY OF EXPENSES First-year (first-term)

Fees.	Deposits and Rentals.
Matriculation \$5.00	Breakage deposit \$5.00
Tuition 100.00	Microscope fee 10.00
Anatomical material 15.00	
\$120.00	\$15.00
First-year (s	recond-term)
Tuition \$100.00	Breakage deposit \$10.00
Second-year	(first-term)
Matriculation \$5.00	Breakage deposit \$5.00
Tuition 100.00	Microscope fee 20.00
\$105.00	\$25.00

	Second-year	(second-term)	
Tuition	\$100.00	Breakage deposi	t \$10.00
	Third-year	(first-term)	
Matriculation	\$5.00	Microscope fee	\$5.00
Tuition			
	\$105.00		\$5.00
	Third-year	(second-term)	
Tuition	\$100.00		
	Fourth-year	(first-term)	
Matriculation	\$5.00		
Tuition	100.00		
	Φ		
	\$105.00		
	Fourth-year	(second-term)	
Tuition	\$100.00		

Equipment. Every student is strongly urged to provide for himself a good compound microscope with oil-immersion lens. Such a microscope is not only necessary during the entire medical course but in actual practice after graduation. If a student is unable to secure such a microscope he may rent one from the college.

The following microscope rentals will apply to students who desire to rent instruments from the school in lieu of purchasing their own: First year, \$10.00; Second year, \$20.00; Third year, \$5.00.

After the second year a standard blood counting apparatus, an instrument for hemoglobin estimation, a stethoscope and certain clinical supplies are recommended. For the laboratory work of the first two years, a dissecting set, slides, cover glasses and certain other inexpensive supplies are necessary. A list of these supplies, text and reference books, will be given by the instructors at the first meeting of the courses.

Scholarships

Dr. Julia G. McNutt Scholarship. Established by the Albany Colony of the National Society of New England Women, providing \$200 for tuition at the Albany Medical College: to be awarded to a woman medical student, preferably of New England ancestry.

Dr. Robert M. Fuller Scholarships. The income of a fund of \$30,000, provided in the will of Dr. Robert M. Fuller, for scholarships for medical students of the Albany Medical College who have entered Union College and spent one or more years therein, preference being given to students who may show a marked degree of efficiency in "medical chemistry."

Prizes

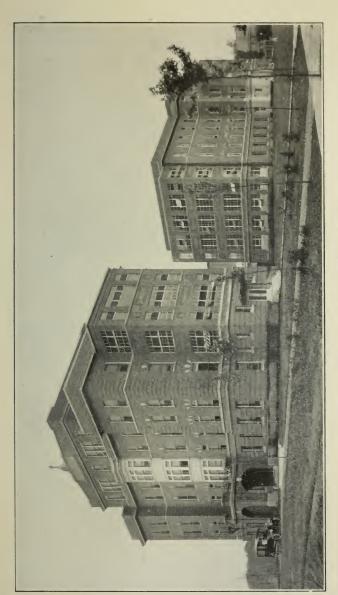
Certain prizes are awarded annually under the conditions below indicated.

S. Oakley Vander Poel Prize. A prize consisting of a compound microscope is awarded to the senior student passing the best bed-side examination in general medicine. This prize was endowed by Mrs. Vander Poel in memory of her husband, for many years a professor in this college.

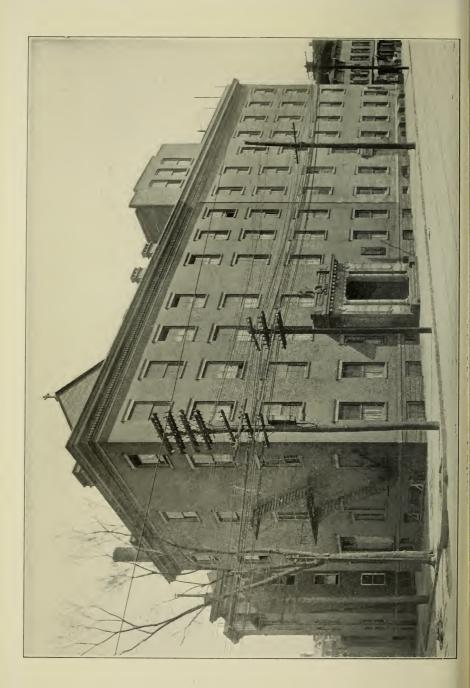
Cyrus Strong Merrill Prize. A prize consisting of an ophthalmoscope is offered by Dr. Cyrus Strong Merrill, Emeritus Professor of Ophthalmology and Otology, to the student having the highest standing during the year in ophthalmology and otology.

The Townsend Physiological Prize. A prize of \$20.00 is awarded to the student passing the best examination in physiology, at the expiration of his first year of study in physiology. This prize is made possible by an endowment by the late Professor Franklin Townsend, Jr., M.D.

James Peter Boyd Prize. A prize consisting of a case of instruments is offered by Dr. James Peter Boyd, Emeritus Professor of Obstetrics and Diseases of Children, to the senior student having the highest standing in obstetrics.



THE ANTHONY N. BRADY MATERNITY HOME



The Daggett Trust. Pursuant to the provisions of a bequest by the late Dr. Nathan G. Daggett, of Schenectady, an alumnus of the college of the class of '67, the following prizes are announced for the ensuing year:

I. For the best "anatomical specimen" a first prize of \$60.00 and a second prize of \$30.00. These prizes will be awarded to students presenting the best and second best series of specimens prepared under the direction of a member of the Department of Anatomy, indicating original research by the competitors.

For methods of preparation of specimens, application may be made to the Professor of Anatomy. Preparations must be deposited with the Professor of Anotomy on or before June 10, 1922. All specimens submitted in competition are the property of the college whether awarded prizes or not. Prizes will be awarded only to preparations of merit. Further information may be obtained from the Professor of Anatomy.

2. For the best "deportment irrespective of scholarship" as determined by the Faculty, a first prize of \$60.00 and a second prize of \$30.00. These prizes restricted to members of the graduating class.

John Milton Bigelow Prize. A prize of \$80.00 is awarded to the senior student passing the best examination in diseases of the nose and throat. This prize was endowed by the late Dr. John M. Bigelow.

Medical Supervision of Students

It is expected that each student will avail himself of the opportunity for a thorough physical examination at the beginning and end of each school year.

A member of the faculty has been appointed to advise with students in matters relating to their health.

In case of sickness students should notify the Dean's office.

Publications

In 1891 the Albany Medical Annals became the Journal of the Alumni Association of the Albany Medical College and has ex-

tended its field to cover all branches of medicine and surgery under the direction of editors for each department. The Annals is published on the first of every month. The subscription price is \$2.00 a year in advance. Original articles, items of medical importance and correspondence upon topics of current interest are solicited. Many details of college work are described each month.

 $\begin{tabular}{ll} Communications and subscriptions should be addressed to \\ ALBANY MEDICAL ANNALS, \end{tabular}$

Albany Medical College, Albany, N. Y.

General Plan of Instruction

The first two years of the medical course are devoted mainly to the fundamental sciences, the larger part of the time being spent in practical work in the laboratories. The work of these years is on the so called "concentration plan," by which the student spends all day for the first half of the first year on gross and microscopic anatomy and embryology and the second half of the first year is devoted to physiology and to biological chemistry. In a similar way pathology and bacteriology are studied in the first half of the second year. In the last half of the second year pharmacology, physical examination including normal infants, children and adults, certain phases of obstetrics, topographic anatomy, minor surgery and surgical technic, clinical pathology and clinical chemistry are given in preparation for the clinical work of the last two years.

In the last two years the various clinical branches are studied in the wards, hospitals, dispensaries and clinical laboratories. The third year is devoted to surgical pathology, surgical anatomy and section work in the dispensaries and wards. Didactic and clinical lectures in medicine are given during the third and fourth years as a basis for correlating and amplifying the information gained in the clinics and at the bed side. In the third and fourth years also, the special branches of medicine are studied by small groups of students. In the fourth year similar groups have bed-side instruction and responsibility, under supervision, in surgery and medicine.

Summary of Studies

First Year

First Semester

	Lecture Recitation	Laboratory Work	Total	Jniversity Credits
Gross Anatomy			495	17
Histology			132	6
Embryology	• • • •	••••	72	2

Second Semester

	Lecture Recitation	Laboratory Work	Total	niversity Credits
Physiology	120	210	330	14
Biological Chemistry	75	180	255	II
			585	25
Second	d Year			
First S	emester			
Pathology	81	243	324	14
Neuro-histology	16	48	64	3
Bacteriology	72	203	275	7
Pharmacology	8	24	32	I
			695	25
Second .	Semester			
Pathology	32	80	112	4
Pharmacology	48	80	128	6
Physical Diagnosis	40	40	80	3
Surgical Technic	16	• • • •	16	I
Neuro-pathology	• • • •	• • • •	48	2
Topographic Anatomy	• • • •	64	64	2
Obstetrics	. 32		32	_ 2
Clinical Pathology	• • • •	• • • •	96	3
Clinical Chemistry (elective)	• • • •	64	64	2
			640	
			040	25
Third	Year			
Neurology	64	32	96	5
Medicine	64	236	300	13
Therapeutics	32	• • • •	32	2
Pediatrics	32	• • • •	32	2
Surgery	64	152	216	9
Orthopedics	32	• • • •	32	2
Roentgenology		• • • •	32	2
Dermatology and Venereal Dis.	32	24	56	3
Applied Anatomy		• • • •	64	4

	Lecture Recitation	Clinical Work	Total C	iversity redits
Ophthalmology and Otology	32	80	112	4
Laryngology and Rhinology	16	20	36	2
Surgical Pathology		96	96	2
Gynecology	32		32	2
Obstetrics	32		32	2
			1168	54
Fourt	h Year			
Medicine			347	15
Public Health	32	96	128	4
Mental Diseases		48	48	2
Surgery	32	264	296	12
Gynecology	32	64	96	4
Obstetrics			96	3
Neurology	32	72	104	5
Pediatrics			144	5
			1259	50
			0,7	-

An hour of University Credit is given for one hour a week recitation or lecture per semester. Two laboratory hours count as one hour credit.

DEPARTMENTS OF INSTRUCTION AND ANNOUNCEMENT OF COURSES

The departments of instruction include the major branches of medicine and certain special subjects. This arrangement is to facilitate administrative detail and to insure the advantages of a small executive faculty. The Faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without notice. The personnel of the teaching staff and the character of the instruction is as follows:

Anatomy

Wesley Manning Baldwin, A.M., M.D., Professor of Anatomy. Charles E. Allen, A.B., M.D., Instructor in Anatomy. Anton Schwartz Schneider, B.S., M.A., M.D., Instructor in Anatomy.

THOMAS WILLIAMS JENKINS, M.D., Assistant in Anatomy.

ARTHUR HENRY STEIN, B.S., M.D., Associate in Anatomy.

This department provides instruction in Histology, Embryology and Gross Anatomy. It co-operates with the departments of Surgery, Medicine and Neurology in the teaching of surgical, topographical and nervous anatomy respectively.

Anatomy. The work in this department is practical and the instruction personal. The various tissues and organs of the human body are studied synchronously, so far as is possible, in the subdivisions of embryology, microscopic anatomy, and gross anatomy in order that the student may acquire a more comprehensive view and better correlated knowledge of the subject. The kinship of human structure to that of the higher vertebrates is pointed out by lecture and demonstration. The morphologic features of the cadaver are interpreted upon biologic and physiologic grounds. Consideration of the various aspects of the mechanics of development leads to the fields of embryologic defects, arrests, and monsters. Emphasis is laid upon the relation of the science to surgery and to medicine by the courses in regional and surgical anatomy. The subject matter of the whole

science is approached with the purpose of inquiry and investigation.

The laboratories are equipped for research work along descriptive and experimental lines. Research workers who will give half or the whole of their day will be welcomed and granted every facility.

Gross Anatomy. This subject is taught almost entirely by the dissection of the human cadaver. Demonstrations upon the cadaver, models, and prepared dissections are given when necessary for the purpose of elucidating the more difficult features of the subject as they occur. Dissections of the adult are compared with those of the infant. The work of the dissecting room is further augumented by the study of living models, the purpose being to familiarize the student with the features of the live body as they present themselves to the eye and to the touch, thereby effecting a most essential and practical correlation with the facts gained in the dissecting room. The body is divided into the following parts for dissection:

I Head and neck.

II Thorax.

III Abdomen and pelvis.

IV Upper extremity.

V Lower extremity.

VI Brain and spinal cord.

The required work upon each part comprises (a) a dissection of the part, (b) a practical oral examination upon the completion of the part, (c) a written examination upon the completion of the part. 495 hours.

Special courses consisting of the dissection and study of regions or of parts are open to graduates.

Microscopic Anatomy. Instruction in histology is given by means of lectures, demonstrations, class conferences, and by practical work in the laboratory. The science is approached by the study of the cell and of the elementary tissues. The finer anatomy of the organs of the cadaver is considered in connection with the study of freshly-autopsied material and the work in the dissecting room. The consideration of living and of fresh and unstained tissues precedes that of fixed and stained specimens. Practical instruction in the fixation, imbedding, cutting, and the vital-staining of tissues is given. Class conferences are held at stated intervals. 132 hours.

Embryology. Instruction in this subject is given by means of lectures, demonstrations upon models, class conferences, and by laboratory work. The lectures cover the various features of mitosis, fertilization, cleavage, gastrulation, and the formation of the germ layers. Later, by coordination with the work in gross anatomy the various phenomena of histogenesis and of organogenesis are considered. Emphasis is laid upon those stages of development at which defects, arrests, and monsters are most likely to occur and interpretations sought in the fields of comparative and of experimental embryology. The laboratory work consists of the study of stained serial sections and of the study of the larger embryologic features by means of the binocular microscope. Demonstrations and class conferences are held at stated intervals. 72 hours.

Physiology

MELVIN DRESBACH, M.Sc., M.D., Professor of Physiology.
ARTHUR KNUDSON, Ph.D., Professor of Biological Chemistry.
LAWRENCE JOSEPH EARLY, M.D., Associate in Physiology.
HELEN R. HOSMER, B.S., Assistant in Biological Chemistry.
FRANK S. RANDLES, Ph.B., Assistant in Biological Chemistry.

This department offers instruction in physiology, biological chemistry, pharmacology and research work.

Physiology for first year medical students. The main subject in this course is the physiology of man. As an introduction, the fundamental properties of living substance are surveyed and the reactions of organisms to stimuli are studied, in order to review the relations of animal forms to their environ-

ment. From the elementary vital phenomena the study proceeds to the more complex functions of tissues and organs and to their correlation in the systems of the body. The method of presentation is that of a combination of lectures, demonstrations, discussions and laboratory practice. The student is given guidance sufficient to save time and do his work systematically, but he is left to his own resources as much as possible and initiative is encouraged.

In the laboratory various animals are used, under proper supervision so that they are treated painlessly. In many exercises observations are made upon the human body; thus, the student learns to employ methods and apparatus which will be of service to him in clinical work. The emphasis is not laid upon utility, however, but upon the fundamental facts brought out in the experiments.

The sources of information, aside from the laboratory, are standard texts and the extensive collection of books and periodicals in the New York State Library. A certain amount of time is allotted to be spent in that library, where topics of interest are worked up and presented, in many instances, for discussion in the class room. The main purpose of this library work is to encourage reading along physiological lines and the development of a critical faculty.

The student's knowledge of the subject is tested by intimate personal contact with his instructors, by stated examinations during his course and by a comprehensive final examination. Approximately three hundred and thirty hours are devoted to the subject, as follows: lectures, fifty hours; recitations, forty-five hours; demonstrations, fifteen hours; laboratory work, two hundred and twenty hours.

The physical side of physiology is correlated with the chemical and with pharmacology, as outlined below.

Biological Chemistry. A systematic course of lectures, recitations, conferences and laboratory work is given covering those portions of the subject which are of the greatest importance to the student of medicine. Subjects studied in detail are: Composition and properties of carbohydrates, fats, and proteins;

chemistry and physics of the cell; composition of milk and more important foodstuffs; chemistry of digestion, absorption and metabolism; study of tissues — blood, muscle, nervous and connective; normal and pathological urine. In the laboratory course each student is supplied with all chemicals and apparatus required. As a prerequisite courses in chemistry required for entrance; namely, inorganic, quantitative analysis and organic chemistry are essential. This course is concentrated in the second semester of the first year; lectures or recitations, 5 hours per week, and laboratory, 12 hours per week.

Clinical Chemistry. The work in this course consists of a study of important practical aspects of clinical chemistry and nutrition, supplemented by lectures and outside reading. The course is devoted to qualitative and quantitative clinical examination of urine, gastric contents, blood, milk and feces. A part of the course consists also in carrying out a series of metabolism experiments in order to impress the important points of normal and abnormal metabolism. The student is thus made familiar with procedures which have an important practical application. Laboratory, 4 hours per week, during the second half of the second year.

Pharmacology. In this course, instruction is given by lectures, recitations, demonstrations and laboratory work. The work covers pharmacy and materia medica in which the student has an opportunity of learning the physical and chemical properties of the most important drugs; a few exercises in pharmaceutical compounding and in prescription writing and incompatibilities are included. The major part of the course covers experimental work illustrating the physiological action of a number of drugs.

Chemical Pharmacology. Lectures and recitations, two hours a week; laboratory, six hours a week during January.

Pharmacodynamics. Lectures and recitations, three hours a week, laboratory, five hours a week during the second semester. Total 160 hours.

These courses are given in the second year.

Research and Advanced Work. Students properly qualified may select special work and undertake investigation in physiology, biochemistry and pharmacology.

Pathology

VICTOR C. JACOBSON, M.D., Professor of Pathology.

LAWRENCE JOSEPH EARLY, M.D., Associate in Bacteriology.

HAROLD E. MARDEN, M.D., Instructor in Pathology and Bacteriology.

Percy Lawrence DeNoyelles, M.D., Assistant in Pathology and Bacteriology.

WALTER K. GRIGG, B.S., Assistant in Bacteriology.

Under this department are grouped the courses of pathology, bacteriology and parasitology. In introducing the student to the study of pathology, certain stress is laid upon laboratory and autopsy technique but only as adjuncts to the actual apprehension of lesions as presented by the instructor at the autopsy table and through the microscope. Daily lectures are given upon the subjects which are to be studied in subsequent laboratory periods and the small size of the classes enables much individual instruction to be given. The close relationship enjoyed by clinician and pathologist and which is enhanced through the location of the entire pathology department in the main teaching hospital, accrues to the benefit of the student in many obvious ways. The department has a growing museum illustrating the various lesions of pathological anatomy and this is used freely in teaching.

The student is required to attend the autopsies, to write a protocol and to give careful microscopic study to all the important organs in each case seen. In addition to the prescribed work of the second year it is planned to offer this year to fourth year students a special short course in tumors and to a qualified few the opportunity of original investigation in experimental pathology.

The course in medical bacteriology and parasitology covers the usual fields in these sciences with particular stress laid upon the clinical importance of pathogenic organisms. Material from the hospital wards is constantly available for study and the department is fortunate in having the hearty cooperation of the laboratory of the State Department of Health which is located very close to the Albany Hospital. After the student is well founded in the fundamentals of bacteriology, the phenomena of immunity are studied, with preparation in the laboratory of antigens and amboceptors, demonstration of the Wasserman, performance of the Widal and other immune reactions.

Medicine

Hermon C. Gordinier, A.M., M.D., Professor of Medicine. Thomas Ordway, A.M., Sc.D., M.D., Dean and Associate Professor of Medicine.

L. Whittington Gorham, M.D., Clinical Professor of Medicine. Clinton B. Hawn, M.D., Clinical Professor of Medicine.

J. Montgomery Mosher, M.D., Clinical Professor of Mental Diseases.

Arthur Sautter, M.D., Clinical Professor of Dermatology and Contagious Diseases.

HENRY L. K. SHAW, M.D., Clinical Professor of Pediatrics.

ARTHUR BENSON, M.D., Instructor in Pediatrics.

FREDERIC C. CONWAY, M.D., Instructor in Medicine.

Stephen W. Curtis, M.D., Instructor in Medicine.

Otto A. Faust, M.D., Instructor in Medicine.

NELSON K. FROMM, M.D., Instructor in Medicine.

WALTER K. GRIGG, B.S., Instructor in Clinical Pathology.

Percival W. Harrig, M.D., Instructor in Dermatology.

WILLIAM KIRK, M.D., Instructor in Medicine.

RICHARD A. LAWRENCE, M.D., Instructor in Pediatrics.

WILLIAM E. LAWSON, M.D., Instructor in Medicine.

CLINTON P. McCord, M.D., Instructor in Educational Hygiene.

JOSEPH P. O'BRIEN, M.D., Instructor in Medicine.

D. GLEN SMITH, M.D., Instructor in Industrial Medicine.

FRANK VANDER BOGERT, M.D., Instructor in Pediatrics.

FRANK J. WILLIAMS, M.D., Instructor in Pediatrics.

CHARLES K. WINNE, JR., M.D., Instructor in Medicine.

ALFRED H. DUERSCHNER, M.D., Assistant in Medicine.

GEORGE N. LEONARD, M.D., Assistant in Medicine.

This department provides instruction in internal medicine, physical diagnosis, pediatrics, dermatology, contagious, mental and gastro-enteric diseases, clinical pathology and public health.

Internal Medicine. Instruction in internal medicine will be given in the *third* and *fourth* years. In the *third* year the student is engaged in practical individual work in the general dispensaries and the Tuberculosis Department, acting as assistants in caring for out patients.

Systematic didactic and clinical lectures in medicine are given during the *third* and *fourth* years as a basis for correlating and amplifying the information gained in the clinics and at the bedside. In the *fourth* year the students serve as assistants in the medical wards. Here they have bedside instruction in small groups, and responsibility under supervision.

In the *third* year didactic or clinical lectures are given by Drs. Gordinier, Ordway, Gorham, Howk and Hawn.

In the fourth year two medical clinics are given each week to the entire class, and students are required to take at least three months medicine (4 hours a day) as assistants in the wards of the Samaritan Hospital and the Albany Hospital under the direction of Drs. Gordinier and Ordway.

Physical Diagnosis. The course in physical diagnosis, including history taking, is given to small groups in the latter half of the *second* year followed by an intensive review early in the *third* year and continued during the entire year in the form of dispensary work, four three-hour periods a week supplemented by one period a week used as a lecture hour, quizz hour or demonstration clinic.

In the second year, the work is on selected material found in the Albany Orphan Asylum and the Albany Hospital wards, and dispensaries, while the third year instruction is carried out in the dispensaries of the Albany Hospital and St. Peter's Hospital, the Alms House Hospital and St. Margaret's House. In this way it is believed that the student will acquire, first a knowledge of the normal, and later have abundant opportunity to study abnormal physical signs as such, as well as their combinations occur-

ring in various diseases, thus preparing him for intensive study of medicine in clinical bedside sections in the fourth year.

Doctors Faust, Fromm, Lawson, Leonard and Duerschner are in immediate charge of the section work.

Therapeutics. A course of one hour a week in Therapeutics is offered to third year men. A special effort will be made to show the clinical use of those drugs whose pharmacologic action has been studied by the student in the second year, and thus to bridge over the gap between Pharmacology and Therapeutics, encouraging the student to demand pharmacologic proof for the action and efficacy of a drug. Lectures and demonstrations, including instruction in prescription writing, will be given dealing with such therapeutic procedures as paracentesis of the chest and abdomen, lumbar puncture, intra-spinal injections, intravenous injections and transfusion. Demonstrations of some of the simpler procedures connected with nursing, such as the preparation of the hot pack, the alcohol sponge bath, etc., will be given under the direction of the superintendent of nurses of the Albany Hospital.

Lectures and, in so far as possible, demonstrations will be given in the following by those specially qualified to do so: Electrotherapy, X-Ray, Radiotherapy, Massage, and Hydrotherapy. 32 hours.

Pediatrics. The course of study in children's diseases will consist of didactic lectures on the practical recognition and treatment of diseases of children. Clinical bedside instruction in small groups, history taking, study of case histories, demonstration of infant feeding and preparation of food, examination of milk, stools, etc. Practical demonstrations of lavage, gavage, colon irrigation, lumbar and longitudinal sinus puncture, weighing, bathing and clothing babies.

Social pediatrics with practical work at Child Welfare Station, Day Nurseries, visit to milk depots and dairies.

During the senior year elective work in the care and feeding of infants can be taken at St. Margaret's House and Hospital where laboratory facilities give opportunity for special research work.

The cities of Albany, Troy, and Schenectady offer numerous opportunities for students for the study of diseases of children and infants, and also facilities to observe the medical inspection of school children and the operation of infant welfare stations.

The Child's Hospital, St. Margaret's House and Hospital for Infants, the Children's Ward of the Albany Hospital and Ellis Hospital, the Francis Elliott Austin Infants' Home and the dispensaries of the Albany Hospital, and the South End Dispensary, afford abundant clinical material for the student.

The Albany Orphan Asylum, St. Vincent's Orphan Asylum and the Troy Orphan Asylum permit students from the Albany Medical College free access to study the diseases of children. 160 hours.

Educational Hygiene. This very recently developed branch of medicine includes a consideration of the organization, scope and methods of school medical inspection, health education, physical training, the sociology and psychology of mental deficiency and delinquency as confronted in the public schools, nutritional problems amongst school children, school nursing, control of contagious diseases of various types in the schools, the operation of school dispensaries and the development of systems of records in the administration of the above lines of health activity. 40 hours.

Dermatology and Contagious Diseases. In the *third* year clinics and clinical lectures will be given two hours a week by Dr. Harrig and in the *fourth* year section work will be given to groups of students by Drs. Sautter and Winne. In the *fourth* year one hour every other week will be devoted to a quiz by Dr. Winne.

Didactic lectures in contagious diseases will be given for the most part in the course in pediatrics. For the practical individual instruction in contagious diseases students will be taught in small sections during the *third* and *fourth* years, in which they will receive bedside instruction in the contagious department of the Albany Hospital by Drs. Sautter and Winne, and the contagious department of the Samaritan Hospital by Dr. Gordinier.

Mental Diseases. Instruction is given to the senior class divided into sections. Students report upon the wards at halfpast two o'clock on alternate Mondays during the year, and in groups of two or three, are assigned individual cases for examination. At half-past three the section meets the instructor and the reports are discussed and criticized. A syllabus in the form of a notebook with short psychological introduction is used as a guide. Opportunity is given to observe the progress of different cases from week to week.

This plan of instruction was adopted upon the opening of Pavilion F in 1902 and is thought to be the first instance in this country of systematized bedside teaching of mental diseases for undergraduate students. 48 hours.

Clinical Pathology. In this course a systematic study of the methods for examination of urine, blood, sputum, stomach contents, stool and body fluids is undertaken. Instruction is given by means of work in the laboratory supplemented by brief lectures and outside reading. Emphasis is laid upon the training of students in the practical and personal application of laboratory diagnostic methods. 96 hours second semester of second year.

Public Health. Two courses in Public Health will be given during the second semester.

I. Undergraduate Course in Public Health.

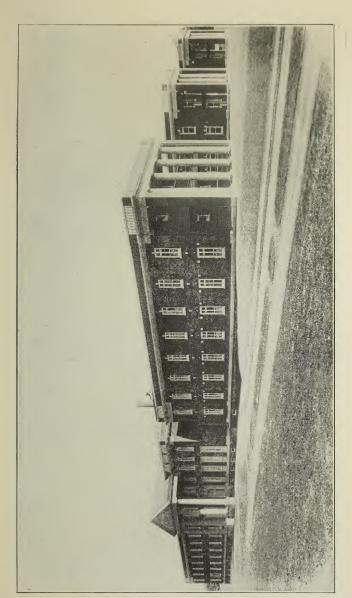
This course is given to members of the senior class. It consists of lectures, demonstrations, and practical field work, including a sanitary survey, covering approximately sixty hours.

Lectures and demonstrations.—A. B. Wadsworth, M.D.; P. B. Brooks, M.D.; L. M. Wachter; Mary B. Kirkbride; Ruth Gilbert; assisted by members of the staff of the Division of Laboratories and Research of the State Department of Health.

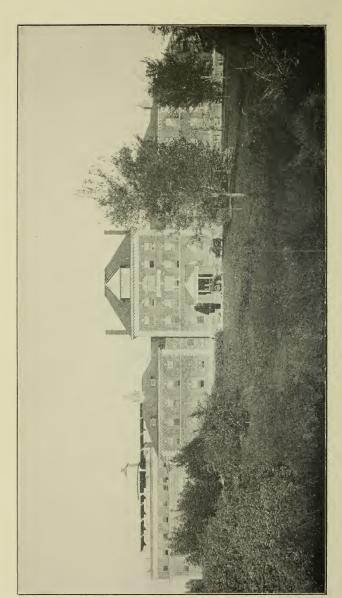
Subjects of the courses are as follows:

Relation of Air, Soil, Water, Sewage, Milk and Food Stuffs to health; Sterilization and Disinfection.

The Preventive and Curative Measures of Practical Value in



THE SAMARITAN HOSPITAL, TROY



THE ELLIS HOSPITAL, SCHENECTADY

Public Health; Infection and Immunity; Specific Diagnosis; Vaccine and Serum Therapy.

The Infectious and Communicable Diseases; Control of Epidemics; Detection of Carriers.

Practical Field Work; Vital Statistics; Medical School Inspection; Infant and Prenatal Hygiene; Industrial Hygiene; Sanitary Survey of a city, village, or town.

II. Post-Graduate Course in Infectious Diseases and Public Health.

This course is designed for health officers and physicians (see page 66).

Surgery

ARTHUR WELLS ELTING, M.D., LL.D., Professor of Surgery.

ARTHUR J. BEDELL, M.D., Clinical Professor of Ophthalmology and Otology.

GEORGE E. BEILBY, M.D., Clinical Professor of Surgery.

JOHN M. BERRY, M.D., Clinical Professor of Orthopedics and Roentgenology.

J. LEWI DONHAUSER, M.D., Clinical Professor of Surgery.

JOHN B. HARVIE, M.D., Clinical Professor of Surgery.

CHARLES G. McMullen, M.D., Clinical Professor of Surgery.

ARTHUR H. STEIN, M.D., Clinical Professor of Surgery.

CLEMENT F. THEISEN, M.D., Clinical Professor of Laryngology and Rhinology.

James N. Vander Veer, M.D., Clinical Professor of Genito-Urinary Surgery.

STANLEY E. ALDERSON, M.D., Instructor in Surgery.

PETER L. HARVIE, M.D., Instructor in Surgery.

EUGENE E. HINMAN, M.D., Instructor in Laryngology and Rhinology.

WILLIAM P. HOWARD, M.D., Instructor in Surgery, Orthopedics and Roentgenology.

HENRY HUN, M.D., Instructor in Surgery.

CHARLES H. Moore, M.D., Instructor in Ophthalmology and Otology.

ARTHUR SAUTTER, M.D., Instructor in Venereal Diseases.

John F. Southwell, M.D., Instructor in Surgery and Genito-Urinary Surgery. Percival W. Harrig, M.D., Assistant in Venereal Diseases.

John E. Heslin, M.D., Assistant in Genito-Urinary Surgery.

William G. Keens, M.D., Assistant in Laryngology and Rhinology.

Fred F. McGauley, M.D., Assistant in Surgery.

John P. O'Keeffe, M.D., Assistant in Laryngology and
Rhinology.

This department provides instruction in surgery, surgical pathology, orthopedics, roentgenology, genito-urinary surgery, ophthalmology, otology and diseases of the nose and throat.

Surgery. The teaching of surgery begins in the second half of the second year, with a course in Regional, Applied and Surgical Anatomy, six and one-half hours a week, given by Drs. Baldwin and Stein. In addition to this Dr. Southwell gives a course in surgical technique one hour a week.

In the *third* year Dr. Donhauser gives a course in Surgical Diagnosis two hours a week. Dr. Beilby gives a laboratory course in Surgical Pathology three hours a week. Section work in the surgical dispensary at the South End Dispensary is given throughout the year by Drs. Beilby and Aranowitz, and at the Albany Hospital Dispensary by Drs. Donhauser and Southwell. Dr. Howard conducts a recitation in Surgery one hour a week throughout the year. Dr. Elting conducts a surgical clinic one hour a week throughout the year. Dr. McMullen conducts a surgical clinic at the General Electric Company Emergency Hospital and at the Ellis Hospital in Schenectady one forenoon a week.

In the fourth year Dr. Elting supervises the bedside teaching in which the senior students in small groups serve as assistants in the wards of the Albany Hospital. In this work he is assisted by Dr. Stein. Dr. Elting conducts two surgical clinics a week. Dr. John B. Harvie, assisted by Dr. Peter L. Harvie, conducts the surgical teaching in a similar manner in the Samaritan Hospital in Troy. Recitations in Surgery are conducted by Dr. Hun one hour a week.

Surgical Anatomy. The course in surgical anatomy given in the second half of the third year consists of a series of demonstrations, lectures and quizzes to round out the course in anatomy just completed and to illustrate the practical application of anatomy to everyday problems in surgery and medicine. The college is fortunate in having a large collection of museum specimens and these, together with dissections and correlary demonstrations on a living subject, aim to give a comprehensive idea of pathological processes of the human organism, the topographical anatomy for diagnosis and surgical routes for treatment. 64 hours.

Surgical Technic and Minor Surgery. The course in surgical technic and minor surgery consists as far as possible of practical demonstrations, preceded by a brief synopsis of the development of modern surgical technic.

The following subjects are included in the course: Preparation of patient and operator for surgical operations; methods of preparation and sterilization of gauze in the various forms in which it is used; preparation of suture and ligature material and the indications for their use; demonstration of instruments, their uses, care and sterilization; drainage in its various forms and its indications; preparation of poultices and fomentations; methods and appliances used in the post-operative care of patients, such as dressing of wounds, feeding appliances, stomach and rectal tubes, catheters, transfusion, application of heat and cold, and use of the Esmarck bandage and the tourniquet.

Practical work is required of each student in the application of various types of bandages and splints. 16 hours.

Surgical Pathology. Surgical Pathology will be taught three consecutive hours a week throughout the *third* year. One hour is to be devoted to lectures and two hours to microscopic and macroscopic demonstrations of surgical specimens and of other pathologic material available at the time. The essentials of histology and pathology and their relation to surgery will be discussed before starting on general and special surgical pathology. Stress will be laid on the clinical symptoms as derived from pathologic lesions, 96 hours.

Surgical Diagnosis. The course in Surgical Diagnosis, as given to the *third* year class, comprises two hours a week throughout the year of practical and didactic lectures. When possible an extra hour is added per week.

The lectures are based upon a Surgical Diagnosis Syllabus, which gives to the student the essentials of general and of special diagnosis.

The methods of examination of the patient are presented. Special stress is given to regional anatomy, regional symptoms, and regional differentiation of symptoms. Case history teaching occupies a prominent part of the course, and the syllabus presents to the student various types of questions applicable to special groups of cases.

Orthopedics and Roentgenology. The courses in Orthopedics will be given at the Medical College building and in the wards of the Albany Hospital and The Child's Hospital. The Albany Hospital and The Child's Hospital are equipped to care for orthopedic cases of all kinds and in connection with The Child's Hospital there is a corrective room in charge of a competent instructor. The clinical material includes all classes of orthopedic cases. In the third year orthopedics will be taught by means of clinical lectures and lantern slide demonstrations. In the fourth year the students are divided into sections and in the wards of the Albany Hospital and The Child's Hospital are given an opportunity to see and examine all cases and note the treatment given.

For the course in Roentgenology the Albany Medical College will have at its disposal the Roentgen Ray Department of the Albany Hospital and of The Child's Hospital. The equipment of these departments is excellent; it includes the apparatus for the use of gas and Coolidge X-Ray tubes, stereoscope, sterescopic tube stand, stereoscopic abdominal and thoracic apparatus both horizontal and vertical, horizontal and vertical roentgenscopic apparatus, a Potter-Bucky diaphragm, a general localizer and a localizer for foreign bodies in the eye. The clinical material of the departments is extensive and varied. The work at present averages about 8000 roentgenographic and roentgenscopic exami-

nations a year. The value of the Roentgen Ray as an aid to diagnosis in the various branches of medicine and surgery will be considered in a series of lectures and demonstrations and a special study of X-Ray plates as related to Orthopedic Surgery will be made throughout the year.

Genito-Urinary Surgery. In the third year didactic lectures (one hour per week) throughout the college year aim to inculcate in the minds of the students the salient features of the usual diseases met with, so that the student is fitted to pursue the work of the next year in an intelligent manner. These lectures are illustrated and there is an occasional lantern slide demonstration in the nature of a review. In the fourth year teaching is entirely by sections of four to eight men; the students have practical individual experience in the treatment of cases.

The Albany Hospital, through its Genito-Urinary Department and the South End Dispensary offers ample clinical material for teaching.

A special class will be formed for those who wish to pursue advanced study, and will consist of ten lessons of one hour each.

Ophthalmology and Otology. A one hour lecture will be delivered every week during the *third* year in ophthalmology and otology. The didactic work will be illustrated by lantern slides and operations.

The third year class will be divided into sections for the study of the usual diseases of the eye and ear. Cases illustrating the routine method of examination for both eye and ear diseases will be presented. Special emphasis will be laid upon the external diseases of the eye, the method of using the ophthalmoscope and its practical application, operations, and the relationship between ophthalmology and general medicine. The student will examine the patients and must pass a theoretical and practical examination.

He will be taught the method of examination and treatment of the usual ear diseases. This instruction will be supplemented by operations and internal ear lesion demonstrations. The course will be so arranged that each student will have an opportunity to become thoroughly familiar with routine examination and the ordinary diseases of the parts studied.

The Albany Hospital, Albany Hospital Dispensary, South End Dispensary, County Hospital, Albany Orphan Asylum and Old Ladies Home afford abundant opportunity for extended observations.

Laryngology and Rhinology. The third year class will be divided into sections for practical work in diseases of the nose and throat. One didactic lecture will be given every week. Students will be taught methods of examination and diagnosis. Clinical material at St. Peter's Hospital, the Albany Hospital, Child's Hospital, South End Dispensary, and Elliott Austin Home will be available for this purpose.

Neurology

LASALLE ARCHAMBAULT, M.D., Professor of Neurology.

NELSON K. FROMM, M.D., Instructor in Neurology.

WILLIAM KIRK, M.D., Instructor in Anatomy of the Nervous System.

This department provides instruction in neurology, neuropathology and the anatomy of the nervous system.

Work in this department really commences in the *first* year, during which the student is taught the embryology of the nervous system and acquires a preliminary acquaintance with the gross morphology of the brain and spinal cord as well as with the histology of the nerve elements and the simpler divisions of the central and peripheral nervous organs. During the *second* year an illustrated didactic lecture is given each week by Dr. Kirk on the anatomy and physiology of the nervous system, and in addition a weekly laboratory exercise of three hours is devoted to the gross and microscopic study of the normal and pathological anatomy of the nervous system. In this laboratory course the student receives sections of the different levels of the cerebrospinal axis from the cauda equina to the basal ganglia as well as typical sections illustrating practically all the known diseases

of the brain and spinal cord. At stated intervals recitations are held on the more important topics covered in the lectures and demonstrations. During the third and fourth years the students attend one didactic and one clinical lecture and one recitation on diseases of the nervous system each week. The recitations are conducted by Dr. Fromm. Instruction in neurology is given to both classes at the same time, the subject matter being so divided that diseases of the brain are covered one year and diseases of the spinal cord and peripheral nerves the following year. Particular attention is given to the neurological clinics at which each patient is presented by two students of the senior class to whom the case has previously been assigned for examination and diagnosis. The method of history taking and examination, the reported findings and the postulated diagnosis are criticised, and considerations bearing upon pathogeny, differential diagnosis and therapeutic indications are discussed at length. When suitable cases are available, lumbar puncture, differential electrical tests. experimental induction of vertigo and nystagmus, etc., are performed before the class. Cases for neurological clinics are always easily obtained either from the general medical service and out-patient department of the Albany Hospital and the Child's Hospital, or from the Alms House and County Hospital. Occasionally, a clinic hour is utilized for a lantern slide demonstration of neurological conditions not encountered in the usual clinical display, there being for this purpose an exceptionally varied and interesting collection of pictures derived from the leading neurological clinics of Europe. In addition the students of the fourth year class, divided into small groups, have the opportunity on certain days of seeing and examining patients in the various dispensaries and of learning the technique of electrodiagnosis and electro-therapy. 349 hours.

Gynecology

JOHN A. SAMPSON, M.D., Professor of Gynecology. PAUL T. HARPER, M.D., Clinical Professor of Obstetrics. THOMAS OWEN GAMBLE, M.D., Instructor in Obstetrics. ROLAND G. HOLT, M.D., Instructor in Obstetrics.

TIFFANY LAWYER, M.D., Instructor in Gynecology.

JOSEPH O'CONNOR KIERNAN, M.D., Assistant in Obstetrics.

(Resident Obstetrician Brady Maternity Hospital)

This department provides instructions in gynecology and obstetrics.

Gynecology. Gynecology is treated by a course of class room studies in which the various normal and abnormal conditions of the pelvic organs are presented to the students in the form of illustrated problems which they are asked to solve. The solution of these problems is supplemented by additional information necessary to complete the subject under discussion. This exercise is held once a week throughout the third and fourth years. Practical instruction is given to the fourth year class (in small groups) at the South End Dispensary and Albany Hospital. 32 hours third year. 96 hours fourth year.

Obstetrics. Material for instruction is furnished by the Anthony N. Brady Maternity Home and the Albany Guild for Public Health Nursing.

The Home maintains a public ward service of twelve beds, a dispensary, and a motor ambulance. Practical instruction will be given by the Clinical Professor of Obstetrics, who is Attending Obstetrician to the Home and by the Assistant in Obstetrics, who is its Resident Obstetrician.

The aim of the department is to assure the student a firm foundation in obstetric principles and offer intensive instruction upon a relatively limited number of patients.

Second Year: Two recitations each week, second half of year.

Third Year: One lecture each week, throughout the year.

Fourth Year: Clinical conference, one each week, first half of year.

Fourth Year: Residence at the Anthony N. Brady Maternity Home as "temporary interne" under the immediate instruction of the Resident Obstetrician and Prenatal and home care under supervision of the instructor of Obstetrics.

History of Medicine, Medical Ethics, Medical Jurisprudence and Economics. These subjects are covered in the regular courses of study by several departments and by special lectures. The responsibilities of the physician towards the insane and their relatives and the general public, and the criminal aspects of the mentally defective, are discussed in the course in mental diseases by Dr. Mosher, and in the public health course. In the course on obstetrics Dr. Harper takes up the moral and legal side of rape, feigned and unconscious pregnancy, what constitutes a "live birth," feigned or unconscious delivery, injury to the foetus during precipitate labor, post mortem delivery and the diagnosis of recent delivery. Certain medico-legal aspects of toxicology are covered in the course in pharmacology. In the course in gross pathology, medico-legal autopsies and cases of homicide, suicide, accident and abortion and other phases of legal medicine are demonstrated or discussed.

The following is a tentative schedule of exercises for 1921-1922. The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without notice.

FIRST YEAR (FIRST HALF-YEAR), SEPT. 19-FEB. 9

HOUR	Monday Tuesday Wednesday Thursday Friday	SATURDAY
9		
10	Microscopic Anatomy and Embryology (Sept. 19-Jan. 3) Neuro-anatomy-(Gross) (Jan. 4-28) Gross Anatomy (Feb. 3-9)	Gross Anatomy
11		Tinacomy
12	Lectures and Demonstrations	
2		
3	Gross	
4	Anatomy	
5:30		

FIRST YEAR (SECOND HALF-YEAR), FEB. 9-JUNE 3

HOUR.	Monday	Tuesday	Wednesday	THURSDAY	FRIDAY	SATURDAY
9	Physiology	Physiology	Physiology	Physiology	Physiology	Physiology
10	Biological Chemistry	Biological Chemistry		Biological Chemistry	Biological Chemistry	Biological Chemistry
11			Physiology Laboratory			
12	Physiology Laboratory	Chemical Laboratory		Chemical Laboratory	Physiology Laboratory	Chemical Laboratory
2						
3	Physiology Laboratory	Chemical Laboratory	Physiology Laboratory	Chemical Laboratory	Physiology Laboratory	
4						

SECOND YEAR (FIRST HALF-YEAR)

HOUR	Monday	TUESDAY	WEDNESDAY	Thursday	FRIDAY	SATURDAY
9						
10	Pathology	Microscopic Anatomy of the		Post	hology	
11	rathology	Nervous System		1 40	Hology	
12	-					
2				Pharma during	acology January	
3	Bacteriology and Parasitology					
4						
5						

SECOND YEAR (SECOND TERM)

HOUR	Monday	Tuesday	WEDNESDAY	Thursday	FRIDAY	SATURDAY
9	Pharma- cology Lecture			Pathology	Pharmacology Lecture	Pharmacology Lecture
10	Physical	Neuro- Pathology Laboratory	Clinical Pathology A. H.			
11	Diagnosis				Physical Diagnosis	Physical Diagnosis
12	Surgical Technic					
2						
3	Topographic Anatomy	Pathology	Clinical Chemistry	Pharmacology Laboratory	Clinical Pathology Laboratory	
4			(Elective)	1:00-6:00 P. M.		
5		Obstetrics Recitation			Obstetrics Recitation	

THIRD YEAR

HOUR	Monday	TUESDAY	WEDNESDAY	Thursday	FRIDAY	SATURDAY
9	Neurology (L.)	Eye and Ear (L.)	Medicine ° (L.)	Pediatrics (L)	Obstetrics (L.)	
10						Surgery and Medicine
11	Disp	ensary	Medicine (C.)	Surgical Pathology	Dispensary	Schenectady Clinics
12			Surgery (C.)			
	The 2-3 hour may be ulitized for regular exercises; if so, due notice will be given.					
3	Orthopedics	2-4 Applied Anatomy	Roentgen- ology	G. U. Surgery	Medical Conference	
4		Surgical Diagnosis	Gynecology	Skin and Venereal	Comercine	
5	Nose and Throat	Surgery (Q)	Neurology (Q.)	Neurology (C.)	Thera- peutics	

FOURTH YEAR

HOUR	Monday	Tuesday	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
9	Neurology (L).		Clinical Sections			Obstetrics	
10		Clinical	Sections	Clinical Sections	Clinical Sections	Clinical	
11	Clinical Sections	Sections	Medicine (C)		Medicine (C)		Sections
12			Surgery (C)			Surgery (C)	
2							
3	Clinical Sections	Clinical Sections	Public Health	Clinical Sections	Medicine		
	Sections	Sections	Hearth	Sections	and Surgery		
4					Troy-Clinic		
5	Gynecology	Surgery (Q)	Neurology (R)	Neurology (C)			

See bulletin board each week for assignment of sections.

GRADUATES OF 1921

Name	Residence
CHARLES ETHAN ALLEN, A.B	Orleans, Ind.
L. Prescott Brown, A.B	Mt. Kisco
ARTHUR FRANCIS CODY	Schenectady
EDWARD JOSEPH FITZGERALD	Glens Falls
Donald Briggs Glezen	Lisle
HAROLD JEROME HARRIS	Albany
Lynden Andrew Hulbert	Middleburg
WILLIAM JOHN JAMESON	.Schenectady
Edwin Charles Johnson	.Schenectady
JOSEPH PAUL LASKO	.Schenectady
MAVER MILLER LEE	.Schenectady
John Joseph Quinlan	Watervliet
Lyle Adin Sutton	Prattsville
ARTHUR CHARLES SWARTZ	Albany
WILLIAM McCheyne Thomson	Albany
CHARLES EDWARD WIEDENMAN, JR	. Schenectady
ARTHUR RAYMOND WILSEYGree	enfield Center

STUDENTS OF THE ALBANY MEDICAL COLLEGE 1921-1922

Fourth Year Class

Name	Residence
Ralphael A. Bendove	Haifa, Palestine
Harold Roberts Browne	
Harold William Dargeon	New York City
Alvah Robert Davignon	Corinth
Ames L. Filippone	Newark, N. J.
Jere John McEvilly	Johnstown
William Mitchell Mallia	Schenectady
Charles Fayette Rourke	Holyoke, Mass.
Harold Daniel Sehl	Albany
George Oliver Tremble	Saranac Lake
Beverly Leland Vosburgh, A.B	Schenectady
John Charles Younie, A.B	Schenectady

Third Year Class

Clarence F. Ackerknecht, A.B	Johnstown
Lucy Elizabeth Bourn, Ph.B	.Providence, R. I.
John Quinn Donahue	Cohoes
Samuel William Ebenfeld	Newark, N. J.
David Henry Faulknor	Amsterdam
Ruth Gilbert, A.B., A.M	Albany
Raymond Ignace Gosselin	Troy
Edwin Gordon MacKenzie, A.B	Millbrook
Edward S. McDowell	Albany
Nitya Pauvedya	Bangkok, Siam
Ferdinand Louis Perrone	Sheepshead Bay
Louis Simon Poskanzer	Albany
Jasper Lewis Robertson	

Name	Residence	
Li Sribyatta	Bangkok, Siam	
Henry Lewis Turkel	Kiamesha, N. Y.	
Second Year Class		
Philip Daly Allen	Schuvler Lake	
Jean Mason Archibold, A.B		
George Joseph Bookstein		
Katherine Grace Brockman	*	
*John Bruce	0 1	
James William Bucci	Albany	
Louis Caplan	Albany	
*Sara Casey	Cohoes	
John Francis Connor	Green Island	
Kenneth Eugene Crounse, A.B	Albany	
Anthony Devito		
Elton R. Dickson, B.S	Hoosick Falls	
Bernard Disick		
Earl John Dorwaldt, A.B		
Grant Frederick Glassbrook		
George Herbert Gonyea	-	
Charles Howard Harbinson		
Daniel Earl Kavanaugh		
*Margaret Kennedy		
Charles Edward Martin	•	
Thomas Robert McCool		
Douw Schuyler Meyers		
Francis Mulcare	_	
Frederick John Pratt		
William Schwartz	,	
Isaac Shapiro		
Irving Silverman	•	
Max Michael Simon	Pougnkeepsie	

^{*} Special Student.

Name Harold Field Teed Francis A. Teta David Henry Vrooman	Brooklyn	
First Year Class		
Henry Higginson A. Blyth, A.B. Benjamin Friedland Cohen. John Kenneth Deegan. Anthony Julius Derkowsky. Stanley Roderick Dixon. Francis William Dodge. Kenneth Charles Dutton. Theron S. Fay. Philip Louis Forster. Eugene Frederick Galvin. Herbert Corle Hageman. Joseph L. Holohan. Henry Dunham Hunt. Francis J. Hyland. Stanley Pritchard Jones. Emerson Crosby Kelly. Franklyn L. Kessler. Joseph Anthony Lewandowski. Stuart Forbes MacMillan, B.S. *John Henry Maloney, Jr. Walter Floyd Messenger. Walter Charles Mott. Leal Luther Perry. George F. Reed, A.B. Harry E. Reynolds. D. Edward Rowan. James Edison Smith Willard Hamilton Sweet, Jr.	Albany Newburgh Troy New Britain, Conn. Rosiere West Winfield Argusville Albany Cadyville Claverack Waterford Albany Gloversville Schenectady Fleischmanns Peekskill Schenectady Troy Stillwater Schenectady Rushville Cohoes Garfield Stapleton	

^{*} Special Student.

Residence

MEDICAL DEPARTMENT

1 tanne	recordence
Arthur J. Townley	Schenectady
Philip Stanley Van Orden	Spring Valley
Kenneth C. Waddell, B.S. in C.ESao	Paulo, Brazil
G. Paul Whitbeck, A.B	Albany
Summary	
Fourth Year Class	. 12

Third Year Class

Second Year Class

First Year Class

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Post Graduate Course in Infectious Diseases and Public Health for Physicians and Health Officers

The course, an outline of which follows, is offered through the cooperation of the Albany Medical College and the New York State Department of Health.

It is believed that it will appeal to the Health Officers and other physicians because of its practical features, and the fact that a minimum sacrifice of time and money will be required of its participants. Registration will be limited to graduates in medicine, and so far as practicable, the course will consist of lectures, informal conferences, practical demonstrations and clinics. It will be noted that a special effort has been made to co-ordinate the various laboratory, clinical and didactic features with reference to various subjects and diseases. The sessions of the class are given one day each week, except in the last month an additional half day has been found necessary. The sessions are held in the Albany Medical College, Albany Hospital and the State Laboratory as occasion requires.

The fee for the course is \$25.00, payable in advance or in monthly installments. Those who have completed other New York State Health Officer's Courses are invited to attend all or any part of this course, upon the payment of a nominal fee of \$5.00.

On satisfactory completion of the course a certificate will be given.

Calendar of Course 1921

Note.— Unless otherwise indicated laboratory demonstrations will be at the State Laboratory, under the direction of the staff of the Division of Laboratories and Research, State Department of Health, and other conferences and lectures at the Albany Medical College and Albany Hospital.

Thursday, March 3

9:30 A. M. Introduction to course. Dr. Duryee.

10:15 A. M. Lecture and demonstration on general bacteriology and technique. Dr. Wadsworth.

- 12:30 P. M. Round table luncheon. Informal talk on the activities of health officers. (Place to be announced.)

 Dr. Biggs.
- 2:00 P. M. Subject and speaker to be announced.

Thursday, March 10

- 9:30 A. M. Laboratory work. Practice in making, staining and examining smears, etc.
- 1:15 P. M. Diagnosis of the exanthemata and other infectious diseases. Dr. NICOLL.
- 2:30 P. M. Conference on common skin diseases. Visit to Albany Hospital, Hospital, Pavilion G, Contagious Department. Under direction of Dr. Sautter.

Thursday, March 17

- 9:30 A. M. Leboratory. Pneumococcus differentiation (including animal demonstration). Demonstration of prophylactic and therapeutic measures in pneumonia.
- 2:00 P. M. Diagnosis and treatment of penumonia with clinical demonstration. Dr. Ordway.

Thursday, March 24

- 9:30 A. M. Laboratory diagnosis of typhoid and paratyphoid; detection of carriers in typhoid, paratyphoid, dysentery, etc.
- 1:30 P. M. Principles of epidemiology. Dr. Godfrey.
- 2:30 P. M. Points in diagnosis of the exanthemata and other infectious diseases. Dr. NICOLL.

Thursday, March 31

- 9:30 A. M. Diphtheria, Vincent's angina and allied throat infections. Virulence test for diphtheria.
- I:30 P. M. Municipal control of diphtheria, including dosage and methods of administration of antitoxin.

 Dr. Park.

2:30 P. M. Demonstration of Schick test, and active immunization. Dr. Brooks,

Thursday, April 7

- 9:30 A. M. Laboratory. Demonstration of preparation of vaccines.
- 1:30 P. M. Lecture, demonstration and conference on infections, immunity and anaphylaxis. Dr. Wadsworth.

Thursday, April 14

- 9:30 A. M. Demonstration of influenza bacillus, streptococcus staphylococcus and other bacteria of the upper respiratory tract.
- 1:30 P. M. Smallpox and vaccination. Dr. Curtis.
- 2:30 P. M. Smallpox and the Sanitary Code. Dr. Duryee.

Thursday, April 21

- 9:30 A. M. Laboratory. Practical use of laboratory and its facilities. Dr. Brooks,
- 2:30 P. M. Clinic on serum and vaccinotherapy. At Albany Hospital. Drs. Ordway and Gorham.
- 3:00 P. M. Clinical conference. Dr. Ordway.

Friday, April 22

9:45 A. M. Diseases of endocrine glands with clinical demonstration. Dr. H. C. GORDINIER.

Thursday, April 28

- 9:30 A. M. Lecture and demonstration of sanitary examination of milk and water. Mr. Wachter.
- 11:00 A. M. Relation of milk to public health. Dr. Walton.
- 2:00 P. M. Orthopedic clinic. Albany Hospital. Dr. Berry.

Friday, April 29

9:30 A. M. Albany Hospital. Importance of X-ray in diagnosis of tuberculosis. Exhibition of plates. Dr. Lent.

2:00 P. M. Conference (with practical demonstration). Examination of cases on early diagnosis of pulmonary tuberculosis. Dr. Lent, Dr. McSorley, Dr. Hirst, Dr. Gorham, Dr. Hawn and Dr. Lawson,

Thursday, May 5

- 9:30 A. M. Albany Hospital. Lecture and clinic. Venereal diseases. Dr. Ordway and Dr. Lawrence.
- 2:00 P. M. South End Dispensary. Lecture and demonstration. Preparation and administration of syphilitic therapeutic products. Dr. Harrig and Dr. Marsh.

Friday, May 6

- 9:30 A. M. Laboratory demonstration of dark field and complement fixation. Dr. Brooks.
- 2:00 P. M. Albany Hospital Laboratory. Demonstrations spinal fluid examinations, colloidal gold test.

 Dr. Graham.

Note.—On request, arrangements will be made for a limited number of men to assist at the venereal disease clinics at Albany, Troy and Schenectady.

Thursday, May 12

- 9:30 A. M. Schenectady. Conference on health administration. Visit to city health department and health center. Under direction of Dr. Duryee.
- 1:30 P. M. Conference on infant hygiene and prenatal care (at Child Welfare Station). Dr. Rose.
- 2:30 P. M. Conference on bedside and terminal disinfection.

 Dr. Duryee,

Friday, May 13 (forenoon only)

9:30 A. M. Conference and practical demonstration of dairy inspection and scoring. Under direction of Dr. MILLER.

Thursday, May 19

- 9:30 A. M. Demonstration of lumbar puncture and intraspinal therapy. Dr. Gorham.
- 1:30 P. M. Duties of health officers in connection with the insane. Mr. Elwood.
- 2:30 P. M. Conference on general laws relating to duties and powers of health officers and health boards. Mr. Warren,

Friday, May 20 (forenoon only)

- 9:30 A. M. Conference on medical school inspection. Dr. Howe.
- 11:15 A. M. Poliomyelitis and its after-care, with cases. Dr. Hubbard.

Thursday, May 26

- 9:30 A. M. Conference on control of communicable diseases in schools. Dr. Smith.
- 11:00 A. M. Conference on vital statistics. Dr. EICHEL.
 - 1:15 P. M. Isolation hospitals. Dr. Wilson.
- 2:30 P. M. Public health administration. Dr. Duryee.

Friday, May 27 (forenoon only)

- 9:30 A. M. Medical College. Demonstration of disinfection and sterilization. Mr. Wachter.
- 11:30 A. M. Conference on water supply and water purification. Mr. HORTON.

Thursday, June 2

- 9:30 A. M. Albany Hospital. Examination of blood in relation to diagnosis. Urinary examination. Dr. GORHAM.
- 2:30 P. M. Conference and clinic on mental hygiene and insanity. Dr. Mosher.

Friday, June 3 (forenoon only)

- 9:30 A. M. Conference on sewage disposal. Mr. Horton.
- 11:30 A. M. Conference on rural sanitation. Mr. Holmquist.

Thursday, June 9

- 9:30 A. M. The health officer and the public health nurse.

 Dr. Smith.
- II:00 A. M. Preventable diseases of adult life. Dr. Ordway.
- 1:30 P. M. Review and general discussion, including health law, sanitary code, health administration, communicable diseases and epidemiology. Dr. Duryee and Dr. Brooks.

Friday, June 10 (forenoon only)

9:30 A. M. Industrial medical departments.

II:15 A. M. Infant feeding. Dr. Shaw.

Thursday, June 16

9:30 A. M. Clinics by Drs. Elting, Ordway and Hawn.

Friday, June 17

9:30 A. M. Final examination, written and oral.

Investigation and Special Instruction

Opportunity for elective work and research is offered to those who are deemed qualified by those in charge of the various courses after conference with the heads of their respective departments. In special instances arrangements may be made as heretofore for co-operation or help in X-Ray or similar research from the Research Laboratory of the General Electric Company. For graduate and summer courses and other special instruction, application should be made to the Dean.

Post-Graduate Clinical Instruction. Opportunity will be provided for small groups of physicians to receive personal clinical instruction. The time devoted to this work will be arranged in a manner similar to that for Post-Graduate Course in Infectious Diseases and Public Health previously described. Already a post-graduate course in medicine has been started, the general plan of which is as follows: This course is limited to

four physicians who report at Record Room of Albany Hospital at 9:30 each Tuesday morning. They are assigned cases which have been admitted to the medical service during the previous week. These cases are studied carefully by the physicians. At II:30 bedside visits and conferences are held. The physician to whom the case is assigned is regarded as the family physician, while the other members of the group discuss the case from the standpoint of consultants. The opinion of the surgical and special services including Neurological, Psychiatric, Gynecological, Eye and Ear, Nose and Throat, Skin and Venereal, Orthopedic, X-Ray, etc., are freely made use of, for the full time teaching medical service acts as a clearing house for all cases not frankly mental, contagious or surgical.

For further details, address:

Office of the Dean
Albany Medical College
Albany, N. Y.



