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# Union University



## Medical Department Albany Medical College

Announcement for 1919-1920



THE  
BIBLIOTHECA  
UNIVERSITATIS  
ALBANY

# Albany Medical College



Medical Department

of

Union University

Announcement for 1919-1920

Press of  
FRANK H EVORY & Co  
Albany N Y

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## 1919

|              |    | S  | M  | T  | W  | T  | F  | S           |             |    | S  | M  | T  | W  | T  | F | S |
|--------------|----|----|----|----|----|----|----|-------------|-------------|----|----|----|----|----|----|---|---|
| <b>Sept.</b> | .. |    | 1  | 2  | 3  | 4  | 5  | 6           | <b>Nov.</b> | .. | 2  | 3  | 4  | 5  | 6  | 7 | 8 |
|              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 9           |             | 10 | 11 | 12 | 13 | 14 | 15 |   |   |
|              | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 16          |             | 17 | 18 | 19 | 20 | 21 | 22 |   |   |
|              | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 23          |             | 24 | 25 | 26 | 27 | 28 | 29 |   |   |
|              | 28 | 29 | 30 | .. | .. | .. | .. |             | 30          | .. | .. | .. | .. | .. | .. |   |   |
| <b>Oct.</b>  | .. | .. | .. | .. | .. | .. | .. | <b>Dec.</b> | ..          | 1  | 2  | 3  | 4  | 5  | 6  |   |   |
|              | .. | .. | .. | 1  | 2  | 3  | 4  |             | 7           | 8  | 9  | 10 | 11 | 12 | 13 |   |   |
|              | 5  | 6  | 7  | 8  | 9  | 10 | 11 |             | 14          | 15 | 16 | 17 | 18 | 19 | 20 |   |   |
|              | 12 | 13 | 14 | 15 | 16 | 17 | 18 |             | 21          | 22 | 23 | 24 | 25 | 26 | 27 |   |   |
|              | 19 | 20 | 21 | 22 | 23 | 24 | 25 |             | 28          | 29 | 30 | 31 | .. | .. | .. |   |   |
|              | 26 | 27 | 28 | 29 | 30 | 31 | .. |             | ..          | .. | .. | .. | .. | .. | .. |   |   |

## 1920

|             |    | S  | M  | T  | W  | T  | F  | S            |             |    | S  | M  | T  | W  | T  | F  | S  |
|-------------|----|----|----|----|----|----|----|--------------|-------------|----|----|----|----|----|----|----|----|
| <b>Jan.</b> | .. | 4  | 5  | 6  | 7  | 8  | 9  | 10           | <b>July</b> | .. | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
|             | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 11           |             | 12 | 13 | 14 | 15 | 16 | 17 |    |    |
|             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 18           |             | 19 | 20 | 21 | 22 | 23 | 24 |    |    |
|             | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 25           |             | 26 | 27 | 28 | 29 | 30 | 31 |    |    |
| <b>Feb.</b> | .. | 1  | 2  | 3  | 4  | 5  | 6  | 7            | <b>Aug.</b> | .. | 1  | 2  | 3  | 4  | 5  | 6  | 7  |
|             | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 8            |             | 9  | 10 | 11 | 12 | 13 | 14 |    |    |
|             | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 15           |             | 16 | 17 | 18 | 19 | 20 | 21 |    |    |
|             | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 22           |             | 23 | 24 | 25 | 26 | 27 | 28 |    |    |
|             | 29 | .. | .. | .. | .. | .. | .. |              | 29          | 30 | 31 | .. | .. | .. | .. |    |    |
| <b>Mar.</b> | .. | 1  | 2  | 3  | 4  | 5  | 6  | <b>Sept.</b> | ..          | 5  | 6  | 7  | 8  | 9  | 10 | 11 |    |
|             | 7  | 8  | 9  | 10 | 11 | 12 | 13 |              | 12          | 13 | 14 | 15 | 16 | 17 | 18 |    |    |
|             | 14 | 15 | 16 | 17 | 18 | 19 | 20 |              | 19          | 20 | 21 | 22 | 23 | 24 | 25 |    |    |
|             | 21 | 22 | 23 | 24 | 25 | 26 | 27 |              | 26          | 27 | 28 | 29 | 30 | .. | .. |    |    |
|             | 28 | 29 | 30 | 31 | .. | .. | .. |              | ..          | .. | .. | .. | .. | .. | .. |    |    |
| <b>Apr.</b> | .. | .. | .. | .. | 1  | 2  | 3  | <b>Oct.</b>  | ..          | .. | .. | .. | .. | 1  | 2  |    |    |
|             | 4  | 5  | 6  | 7  | 8  | 9  | 10 |              | 3           | 4  | 5  | 6  | 7  | 8  | 9  |    |    |
|             | 11 | 12 | 13 | 14 | 15 | 16 | 17 |              | 10          | 11 | 12 | 13 | 14 | 15 | 16 |    |    |
|             | 18 | 19 | 20 | 21 | 22 | 23 | 24 |              | 17          | 18 | 19 | 20 | 21 | 22 | 23 |    |    |
|             | 25 | 26 | 27 | 28 | 29 | 30 | .. |              | 24          | 25 | 26 | 27 | 28 | 29 | 30 |    |    |
| <b>May</b>  | .. | .. | .. | .. | .. | .. | 1  | <b>Nov.</b>  | ..          | .. | .. | .. | .. | .. | .. |    |    |
|             | 2  | 3  | 4  | 5  | 6  | 7  | 8  |              | 7           | 8  | 9  | 10 | 11 | 12 | 13 |    |    |
|             | 9  | 10 | 11 | 12 | 13 | 14 | 15 |              | 14          | 15 | 16 | 17 | 18 | 19 | 20 |    |    |
|             | 16 | 17 | 18 | 19 | 20 | 21 | 22 |              | 21          | 22 | 23 | 24 | 25 | 26 | 27 |    |    |
|             | 23 | 24 | 25 | 26 | 27 | 28 | 29 |              | 28          | 29 | 30 | .. | .. | .. | .. |    |    |
|             | 30 | 31 | .. | .. | .. | .. | .. |              | ..          | .. | .. | .. | .. | .. | .. |    |    |
| <b>June</b> | .. | .. | 1  | 2  | 3  | 4  | 5  | <b>Dec.</b>  | ..          | 5  | 6  | 7  | 8  | 9  | 10 | 11 |    |
|             | 6  | 7  | 8  | 9  | 10 | 11 | 12 |              | 12          | 13 | 14 | 15 | 16 | 17 | 18 |    |    |
|             | 13 | 14 | 15 | 16 | 17 | 18 | 19 |              | 19          | 20 | 21 | 22 | 23 | 24 | 25 |    |    |
|             | 20 | 21 | 22 | 23 | 24 | 25 | 26 |              | 26          | 27 | 28 | 29 | 30 | 31 | .. |    |    |
|             | 27 | 28 | 29 | 30 | .. | .. | .. |              | ..          | .. | .. | .. | .. | .. | .. |    |    |

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## 1919 — CALENDAR — 1920

## 1919

*September 15, Monday*...Examinations begin for applicants for advanced standing and for men previously conditioned.

*September 22, Monday*...**Academic year begins.** Registration of Students. Payment of first half of tuition fee is required on or before this date.

*November 4, Tuesday*....Election Recess.

*Nov. 27, 28 and 29*.....Thanksgiving Recess.

Christmas Recess from Dec. 24, 1919, to Jan. 1, 1920, Inclusive.

## 1920

*January 28, Wednesday*..Mid-year Examinations begin.

*February 7, Saturday*....Payment of second half of tuition fee is required on or before this date.

*February 9, Monday*..... **Second half year begins.** (All classes except first year).

*February 12, Thursday*...First term of first year ends.

*February 16, Monday*....Second term of first year begins.

*May 29, Saturday*.....Examinations begin.

*June 7*.....Commencement.

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CHARLES W. BERRY, *Adjutant General, State of New York.*

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JOSEPH A. WARREN, *Legal Advisor, New York State Department of Health.*

GEORGE E. WILLCOMB, *Chemist, Bureau of Water, Albany.*

# ALBANY MEDICAL COLLEGE

## General Statement

The Albany Medical College was organized in 1838 and incorporated in 1839, 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 commencement exercises for the year 1918 were held at Union College in connection with Union College commencement, thus emphasizing the university connection.

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. With these changes, the Albany Medical College is prepared to furnish instruction which meets the highest demands of modern medical education.

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.

The requirements for admission, promotion and graduation

have been raised, and the classes are restricted in number so that the important personal relation between student and teacher may be maintained.

### Clinical Opportunities

Increased 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.

*The Albany Hospital Tuberculosis Sanatorium* is located on rising ground near the western city limit. It is surrounded by one hundred acres of ground, owned by the hospital, partly wooded and partly under cultivation. The sanatorium buildings are on dry, sandy soil. The plant consists of a central building, two stories in height, containing kitchen, heating, storage and administrative units, and private rooms for advanced cases.

The nominal capacity of the sanatorium is ninety-one beds, but the general type of construction permits of some elasticity in this respect.

The sanatorium is easily reached by trolley cars from all points of the city. No restrictions as to the class of case admitted for treatment are made.

The natural advantages of location, the wide variety of cases, the adequate supervision of patients and the close association of this department with the other branches of the hospital combine to furnish a clinic of value both to the student and the social worker.

*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.

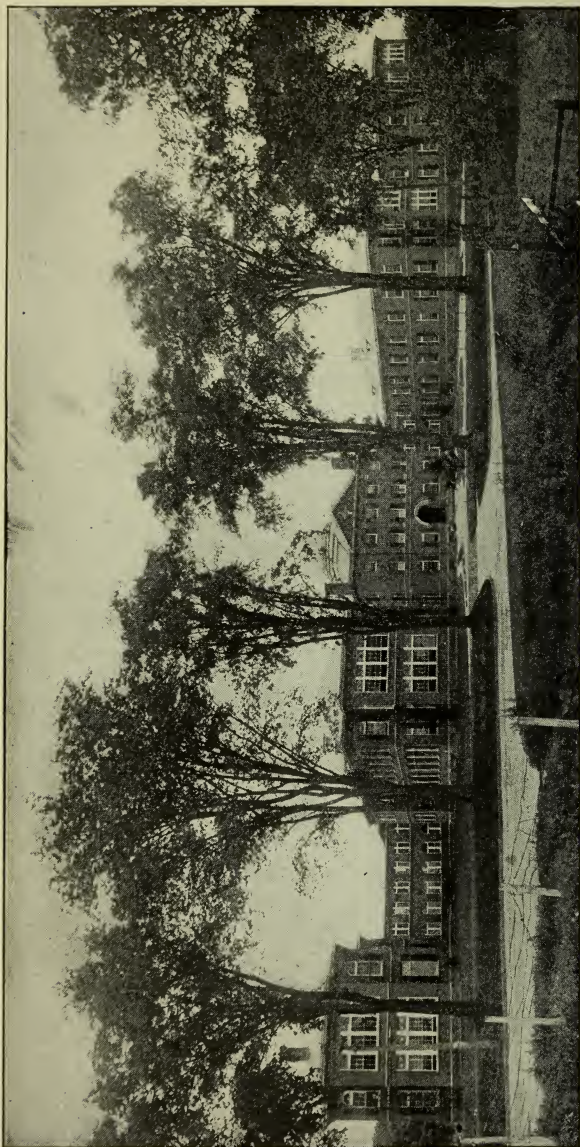
### **The Anthony N. Brady Maternity Home**

The Anthony N. Brady Maternity Home, which is located on North Main Avenue, has been recently completed. In its public wards of twelve beds and in its semi-private and private rooms,





ALBANY MEDICAL COLLEGE



THE ALBANY HOSPITAL

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 modern 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, and in the use of the Binet-Simon tests. 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.

During the year ending on June 30, 1918, 3,607 patients were admitted to the hospital.



## The Samaritan Hospital

The new 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 specialties are represented by a well-conducted out-patient service and such departments for medicine and surgery are soon to be established. 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 direction of its Clinical Professor of Obstetrics, is two-fold: (1) 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 Attending Obstetricians. Abnormalities are reported to the Chief Obstetrician, who is Resident Obstetrician at the Anthony N. Brady Maternity Home. The facilities of the public ward of the Home, under the supervision of the department director who is its Attending Obstetrician, are at the disposal of this department.

All fourth year students are subject to call for service in this department wherein are afforded opportunities for the observa-



tion 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 500,000 bound volumes and takes 8,800 current periodicals. The medical library possesses 25,000 bound volumes and receives 500 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

Examinations Division of the Board of Regents of the State of New York.

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 adopted by the Association of American Medical Colleges:

### Schedule of Two Year Premedical College Course

| Required Subjects.                          | Semester<br>Hours |
|---|-------------------|
| Chemistry (a) .....                         | 12                |
| Physics . . . . .                           | 6                 |
| Biology (b) .....                           | 6 or 8            |
| English Composition and Literature (c)..... | 6                 |
| *A Modern Foreign Language.                 |                   |

Subjects Strongly Urged.  
 Comparative Vertebrate Anatomy.  
 Psychology.  
 Social Science.

### Suggestions Regarding Individual Subjects

(a) *Chemistry.* Twelve semester hours required of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work. In the interpretation of this rule work in qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours must consist of work in analytic and organic chemistry.

(b) *Biology.* Eight semester hours required, of which four must consist of laboratory work. This requirement may be satisfied 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

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\* See Public Health Law page 22

be satisfied 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. 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.

"In determining a candidate's qualifications for matriculation in a medical school or for admission to the medical licensing examinations, the Regents will accept evidence of the successful completion of two years of college work in an approved college of liberal arts and science after the successful completion of four years' work in an approved secondary school. Said college work must include three-hour courses for one year each in physics, chemistry, biology, English and a modern foreign language, French, German, Spanish, or Italian.

"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 planned 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.):  $1\frac{1}{2}$  units.

Plane Geometry: 1 unit.

Science: 1 unit in either physics, chemistry, biology, zoology or botany.

History: 1 unit.

Electives:  $4\frac{1}{2}$  units.

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.** The classes are limited in number and the college reserves the right in its discretion to refuse applicants, if the number admitted is as large as can be effectively taught. Women are admitted. Students are requested to apply for admission before July 1, on blanks to be furnished by the Dean's office. All inquiries and other communications should be addressed to Thomas Ordway, M.D., 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 evidence that they have satisfactorily completed in an approved medical school the courses from which exemption is desired. They may also be required to pass examinations by the heads of the departments concerned.

**Admission as 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 educa-



tion 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

The passing mark for any course is 75. A mark below 75, but above 59, constitutes a "condition." A mark below 60 constitutes a "failure." 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 State Board examinations. No student will be admitted to the fourth-year class unless he has successfully passed the preliminary New York State Board examinations.

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

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

An applicant 19 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 calendar years in a medical school registered as maintaining at the time a satisfactory standard, may be admitted conditionally to the examination in (1) anatomy, (2) physiology, (3) chemistry.

#### *Medical Examinations*

Examinations for license to practice medicine in this state will be held as follows: June 24-27, September 16-19. 1920, January 27-30, May 18-25, June 26-29. Places, New York, Albany, Syracuse and Buffalo.

#### *License Examination — Daily Program*

|                      | Morning 9:15                 | Afternoon 1:15            |
|----------------------|------------------------------|---------------------------|
| <i>Tuesday</i> ...   | Anatomy.....                 | Physiology                |
| <i>Wednesday</i> ... | Chemistry.....               | Hygiene and sanitation    |
| <i>Thursday</i> ...  | Surgery.....                 | Obstetrics and gynecology |
| <i>Friday</i> .....  | Pathology and bacteriology.. | Diagnosis                 |

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*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.

**Fees.** The *tuition fee* is \$160.00 (one hundred sixty dollars) a year, payable in advance, or if desired, in two installments, the first on or before September 22, 1919, the second on or before Saturday, February 7, 1920. The *fee* for dissecting material is \$15. There are no extra charges except for the rental of microscopes, laboratory breakage or loss and certain individual supplies for which a *deposit* of \$5 is required in each of the following courses: anatomy, physiology, biological chemistry, pathology pharmacology and clinical pathology. All fees are payable at the Dean's office and are not returnable.

**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, provided it is returned in good condition.

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.

### Prizes

Certain prizes are awarded annually under the conditions below indicated.

*S. Oakley Vander Poel Prize.* A prize consisting of a com-

pound 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 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:

1. *For the best "anatomical specimen"* a first prize of \$60.00 and a second prize of \$30.00. In 1919 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 Anatomy on or before June 5, 1919. 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 extended 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.

Communications and subscriptions should be addressed to

ALBANY MEDICAL ANNALS,

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 of normal infants, children and adults, certain phases of obstetrics, applied 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 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<br>Recitation | Laboratory<br>Work | Total | University<br>Credits |
|-----------------------------|-----------------------|--------------------|-------|-----------------------|
| Gross Anatomy .....         | ....                  | ....               | 495   | 16                    |
| Histology . . . . .         | ....                  | ....               | 132   | 5                     |
| Embryology . . . . .        | ....                  | ....               | 72    | 2                     |
| Neuro-anatomy (gross) ..... | ....                  | ....               | 56    | 2                     |
|                             |                       |                    | <hr/> | <hr/>                 |
|                             |                       |                    | 755   | 25                    |

|                                | Lecture<br>Recitation | Laboratory<br>Work | Total | University<br>Credits |
|--------------------------------|-----------------------|--------------------|-------|-----------------------|
| <i>Second Semester</i>         |                       |                    |       |                       |
| Physiology . . . . .           | 110                   | 250                | 360   | 15                    |
| Biological Chemistry . . . . . | 75                    | 150                | 225   | 10                    |
|                                |                       |                    | 585   | 25                    |

### Second Year

#### *First Semester*

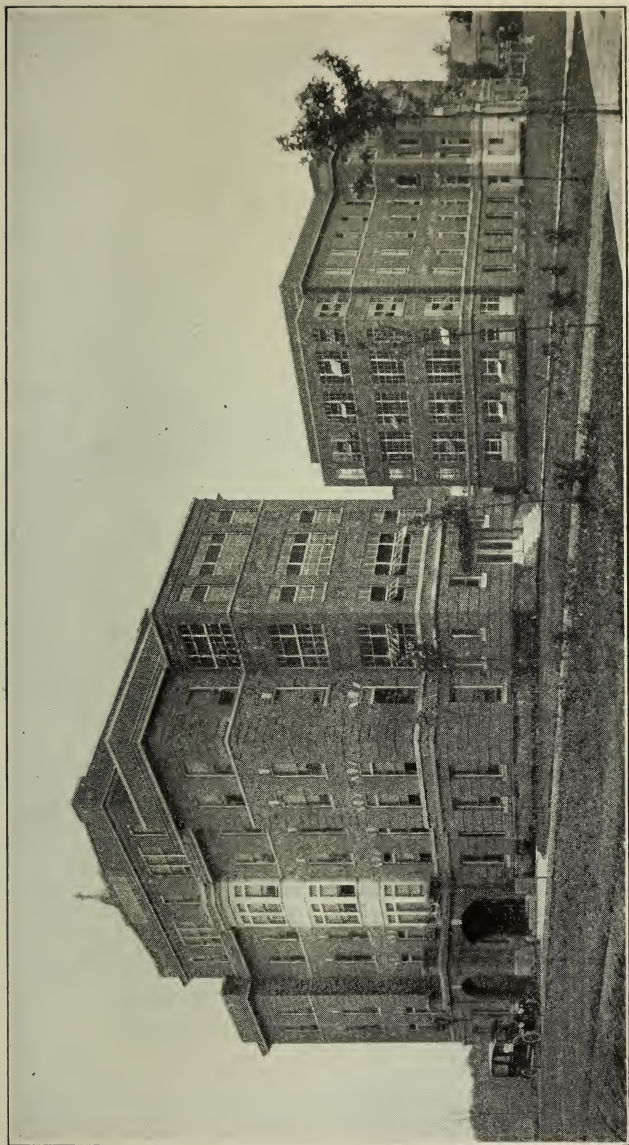
|                           |    |     |     |    |
|---------------------------|----|-----|-----|----|
| Pathology . . . . .       | 96 | 262 | 358 | 14 |
| Neuro-histology . . . . . | 16 | 48  | 64  | 3  |
| Bacteriology . . . . .    | 48 | 166 | 214 | 8  |
|                           |    |     | 636 | 25 |

#### *Second Semester*

|                              |      |      |     |      |
|------------------------------|------|------|-----|------|
| Pharmacology . . . . .       | 64   | 96   | 160 | 7    |
| Physical Diagnosis . . . . . | 40   | 40   | 80  | 3    |
| Surgical Technic . . . . .   | 16   | .... | 16  | 1    |
| Neuro-pathology . . . . .    | .... | .... | 48  | 2    |
| Applied Anatomy . . . . .    | .... | .... | 102 | 4    |
| Obstetrics . . . . .         | 32   | .... | 32  | 2    |
| Clinical Pathology . . . . . | .... | .... | 48  | 1.5  |
| Clinical Chemistry . . . . . | 16   | 64   | 80  | 3    |
|                              |      |      | 566 | 23.5 |

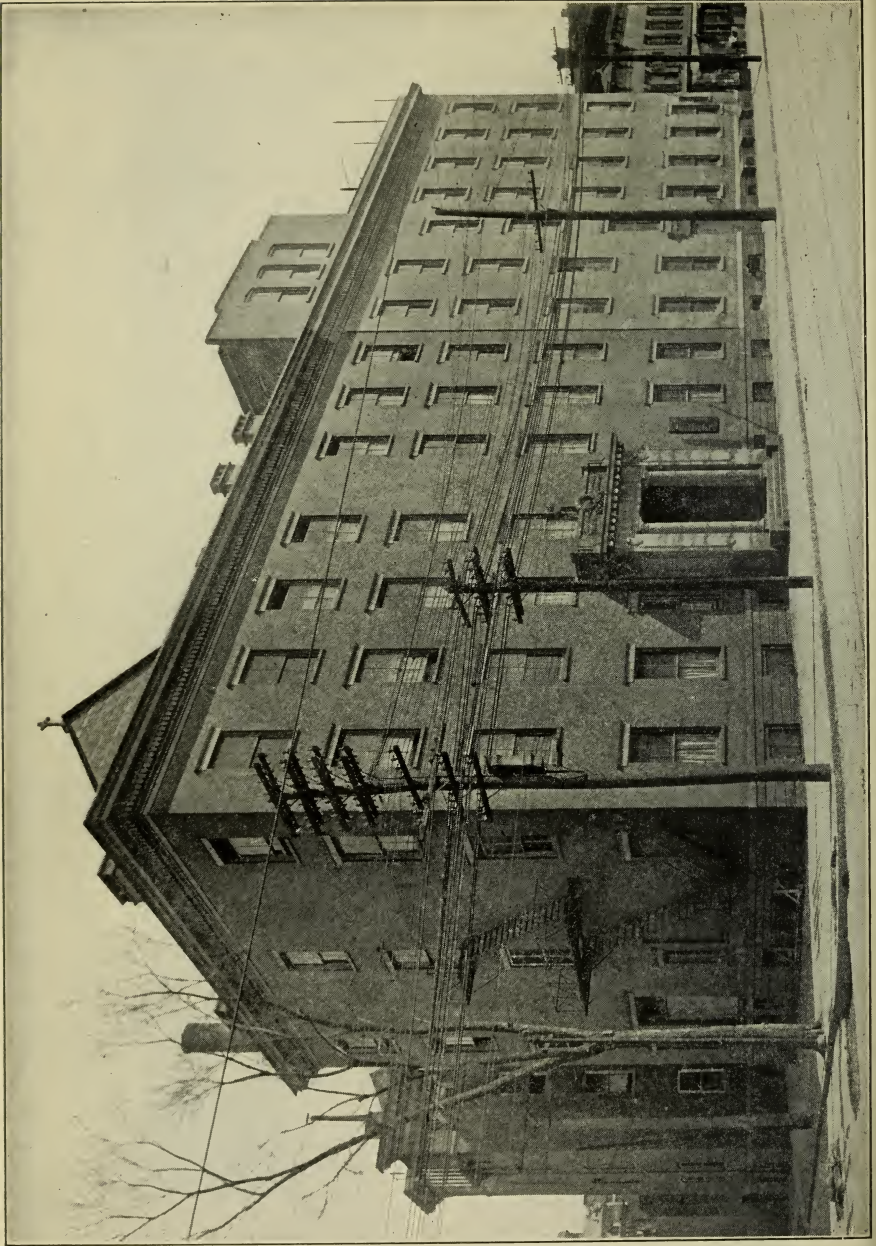
### Third Year

|                               | Lecture<br>Recitation | Clinical<br>Work | Total | University<br>Credits |
|-------------------------------|-----------------------|------------------|-------|-----------------------|
| Neurology . . . . .           | 64                    | 32               | 96    | 5                     |
| Medicine . . . . .            | 64                    | 200              | 264   | 12                    |
| Therapeutics . . . . .        | 32                    | ....             | 32    | 2                     |
| Pediatrics . . . . .          | 32                    | ....             | 32    | 2                     |
| Surgery . . . . .             | 96                    | 152              | 248   | 8                     |
| Orthopedics . . . . .         | 32                    | ....             | 32    | 2                     |
| Roentgenology . . . . .       | 32                    | ....             | 32    | 2                     |
| Dermatology and Venereal Dis. | 32                    | 24               | 56    | 3                     |



THE ANTHONY N. BRADY MATERNITY HOME







|                                   | Lecture<br>Recitation | Clinical<br>Work | Total | University<br>Credits |
|-----------------------------------|-----------------------|------------------|-------|-----------------------|
| Ophthalmology and Otology . . . . | 32                    | 80               | 112   | 4                     |
| Laryngology and Rhinology . . . . | ....                  | ....             | 57    | 2                     |
| Surgical Pathology . . . . .      | ....                  | 96               | 96    | 2                     |
| Gynecology . . . . .              | 32                    | ....             | 32    | 2                     |
| Obstetrics . . . . .              | 32                    | ....             | 32    | 2                     |
| Clinical Pathology . . . . .      | ....                  | 36               | 36    | 2                     |
|                                   |                       |                  | <hr/> | <hr/>                 |
|                                   |                       |                  | 1157  | 51                    |

**Fourth 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    | 2     |
| Neurology . . . . .       | 32   | 72   | 104   | 5     |
| Pediatrics . . . . .      | .... | .... | 144   | 5     |
|                           |      |      | <hr/> | <hr/> |
|                           |      |      | 1259  | 49    |

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 M. BALDWIN, M.D., *Professor of Anatomy.*

CHARLES ETHAN ALLEN, A.B., *Instructor in Anatomy.*

THOMAS W. JENKINS, M.D., *Assistant in Anatomy.*

MAVER MILLER LEE, *Assistant 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, microscopical 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 morphological features of the cadaver are interpreted upon biological and physiological grounds. Consideration of the various aspects of the mechanics of development leads to the fields of embryological 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 augmented 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.

**Microscopical 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 embryological features by means of the binocular microscope. Demonstrations and class conferences are held at stated intervals. 72 hours.

W. M. BALDWIN.

## Physiology

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

ARTHUR KNUDSON, Ph.D., *Associate Professor of Biological Chemistry.*

JEAN TAIT, A.B., *Instructor in Biological Chemistry.*

LEMUEL WHITTINGTON GORHAM, M.D., *Instructor in Pharmacology.*

LAWRENCE JOSEPH EARLY, M.D., *Assistant in Physiology.*

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

**Physiology.** The aim of this course is to provide a general survey of the fundamental laws of tissue activity and the ways by which the various organs of the body are correlated in the complex reactions of the organism as a whole. Although the physiology of man is the main subject of the course, the facts of

general physiology are extensively drawn upon in the presentation of special phases of the science.

The student, already well grounded in the structure of the body, is at first required to employ the simpler procedures used in studying the reactions of the tissues to stimuli. Later, more elaborate experiments on the different systems of the body are performed. The importance of the graphic methods, thus introduced to the student, is emphasized, both in their employment in physiology and in medical work.

The observations made in the laboratory, including the teaching and research departments, together with reading done by the student in his textbook and other sources of information, form the basis for discussions in the classroom. In addition, special features of the subject are brought out in lectures and demonstrations. Emphasis is laid upon the student's own efforts. Thus, in addition to the laboratory and classroom exercises, reviews of current literature are required and essays (at least one by each member) are written, the essays embodying the results of extended reading on special topics. The best of these are read by the authors before the class. In this literary work the student has an opportunity to familiarize himself with the general sources of information in the science, the State Library, with its excellent medical division, being freely at his service.

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

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

**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, 10 hours per week.

ARTHUR KNUDSON.

**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. Lecture, 1 hour, and laboratory, 4 hours per week, during the second half of the second year.

ARTHUR KNUDSON.

**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.

*Pharmacy.* Lectures and recitations, one hour a week; laboratory, two hours a week.

*Pharmacodynamics.* Lectures and recitations, three hours a week, laboratory, four hours a week.

These courses are given during the second half of the *second* year. 160 hours.

ARTHUR KNUDSON.

MELVIN DRESBACH.

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

## Pathology

GEORGE S. GRAHAM, M.D., *Professor of Pathology.*

LAWRENCE J. EARLY, M.D., *Instructor in Pathology.*

LUCY E. BOURN, Ph.B., *Instructor in Bacteriology.*

This department provides instruction in pathology, bacteriology, parasitology and certain phases of legal medicine.

The work in pathology and bacteriology is preceded by a brief explanatory talk, or followed by a lecture intended to correlate the various observations made during the day. The student is taught laboratory methods and the elementary principles of investigation. The material received daily is also used in the teaching and the student thus becomes familiar with laboratory routine.

A small museum of gross pathological material is available and is constantly being augmented. It contains examples of the more common lesions such as the student must become intimately acquainted with and also rare specimens of immediate teaching value. For the microscopic study of tissue changes each student will be provided with a loan collection of carefully prepared slides. Any student desiring duplicate slides to be kept as a personal collection will be provided with the materials necessary for their preparation.

The autopsies performed during the course are viewed by small groups of men and the material carefully studied in gross and microscopically. After some progress has been made, protocols of actual autopsies are read and discussed by the class in conference. So far as available cases will allow, each member of the class will be given opportunity for practical post-mortem work and will become responsible for a full report on the gross and microscopic findings in the case assigned to him.

GEORGE S. GRAHAM.

## Medicine

- HERMON C. GORDINIER, M.D., *Professor of Medicine.*  
 THOMAS ORDWAY, M.D., *Associate Professor of Medicine.*  
 ANDREW MACFARLANE, 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.*  
 EDWARD W. BECKER, M.D., *Instructor in Medicine.*  
 HARRY W. CAREY, M.D., *Instructor in Medicine.*  
 FREDERIC C. CONWAY, M.D., *Instructor in Medicine.*  
 ERASTUS CORNING, M.D., *Instructor in Medicine.*  
 MALCOLM DOUGLAS, M.D., *Instructor in Medicine.*  
 NELSON K. FROMM, M.D., *Instructor in Medicine.*  
 L. WHITTINGTON GORHAM, M.D., *Instructor in Medicine.*  
 CLARENCE F. GRAHAM, M.D., *Instructor in Medicine.*  
 CLINTON B. HAWN, M.D., *Instructor in Medicine.*  
 WILLIAM KIRK, M.D., *Instructor in Medicine.*  
 CLINTON P. McCORD, M.D., *Instructor in Educational Hygiene.*  
 JOSEPH P. O'BRIEN, M.D., *Instructor in Medicine.*  
 FRANK VANDER BOGERT, M.D., *Instructor in Pediatrics.*  
 CHARLES K. WINNE, JR., M.D., *Instructor in Medicine.*  
 ARTHUR BENSON, M.D., *Assistant in Medicine.*  
 LEROY S. BLATNER, D.D.S., *Assistant in Gastro-enteric Diseases (oral pathology).*  
 OTTO A. FAUST, M.D., *Assistant in Medicine.*  
 RICHARD A. LAWRENCE, M.D., *Assistant in Pediatrics.*  
 FRANK J. WILLIAMS, M.D., *Assistant in Pediatrics.*

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 dispen-

saries, St. Peter's Hospital and the Tuberculosis Department, acting as assistant 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, MacFarlane, 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 Frances Elliott Austin Infant's Home, the Albany Orphan Asylum and the Albany Hospital Tuberculosis ward, 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 occurring in various diseases, thus preparing him for intensive study of medicine in clinical bedside sections in the *fourth* year.

Doctors Faust, Fromm, Gorham, Graham, Hawn and Lawrence are in immediate charge of the section work.

CLINTON B. HAWN.

**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.

L. W. GORHAM.

**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, medical school inspection under the direction of Dr. Clinton McCord, dental clinics, etc.

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.

HENRY L. K. SHAW.

**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 in the schools, the operation of school dental dispensaries and the development of systems of records in the administration of the above lines of health activity. 40 hours.

CLINTON P. McCORD.

**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 a 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.

ARTHUR SAUTTER.

**Mental Diseases.** Instruction is given to the *senior* class divided into sections. Students report upon the wards at half-

past two o'clock Mondays during the term, 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. J. M. MOSHER.

**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. 48 hours second semester of *second* year and 36 hours first 12 weeks of *third* year.

Each student is provided with a microscope, locker, blood counting apparatus, reagents, etc. OTTO A. FAUST.

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

#### I. Laboratory Course in Public Health.

This course is designed primarily for undergraduates, but physicians and health officers may enroll. It consists in lectures, demonstrations, and practical laboratory and field work, including a sanitary survey.

Lectures and demonstrations.—A. B. Wadsworth, M.D.; J. S. Lawrence, M.D.; L. M. Wachter; Mary B. Kirkbride; Ruth Gilbert.

#### *Subjects of the courses are as follows:*

Sanitary Analysis of Air, Soil, Water, Sewage, Milk and Food Stuffs; Sterilization and Disinfection; Garbage Disposal, Nuisances, Plumbing.

The Preventive and Curative Measures of Practical Value in Public Health; Infection and Immunity; Specific Diagnosis; Vaccine and Serum Therapy.

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

Practical Field Work; Military Hygiene and Sanitary Survey. 32 hours lecture, 96 laboratory.

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

This course is designed for health officers and physicians (see page 60).

### Surgery

ARTHUR W. ELTING, M.D., *Professor of Surgery.*

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

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.*

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

JAMES N. VANDER VEER, M.D., *Clinical Professor of Genito-Urinary Surgery.*

GEORGE E. BEILBY, M.D., *Instructor in Surgery.*

EDWIN L. DRAPER, M.D., *Instructor in Surgery.*

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

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

CHARLES G. McMULLEN, 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 Genito-Urinary Surgery.*

ARTHUR H. STEIN, M.D., *Instructor in Surgery.*

JOHN E. HESLIN, M.D., *Assistant in Genito-Urinary Surgery.*

WILLIAM PATRICK HOWARD, M.D., *Assistant in Orthopedics and Roentgenology.*

WILLIAM G. KEENS, M.D., *Assistant in Laryngology and Rhinology.*

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. Draper 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 Draper, and at the Albany Hospital Dispensary by Drs. Donhauser and Southwell. Dr. Stein 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. Draper one hour a week.

ARTHUR W. ELTING.

**Surgical Anatomy.** The course in surgical anatomy given in the second half of the *second* 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. 102 hours.

ARTHUR H. STEIN.

**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.

EDWIN L. DRAPER.

**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.

GEORGE E. BEILBY.



**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.

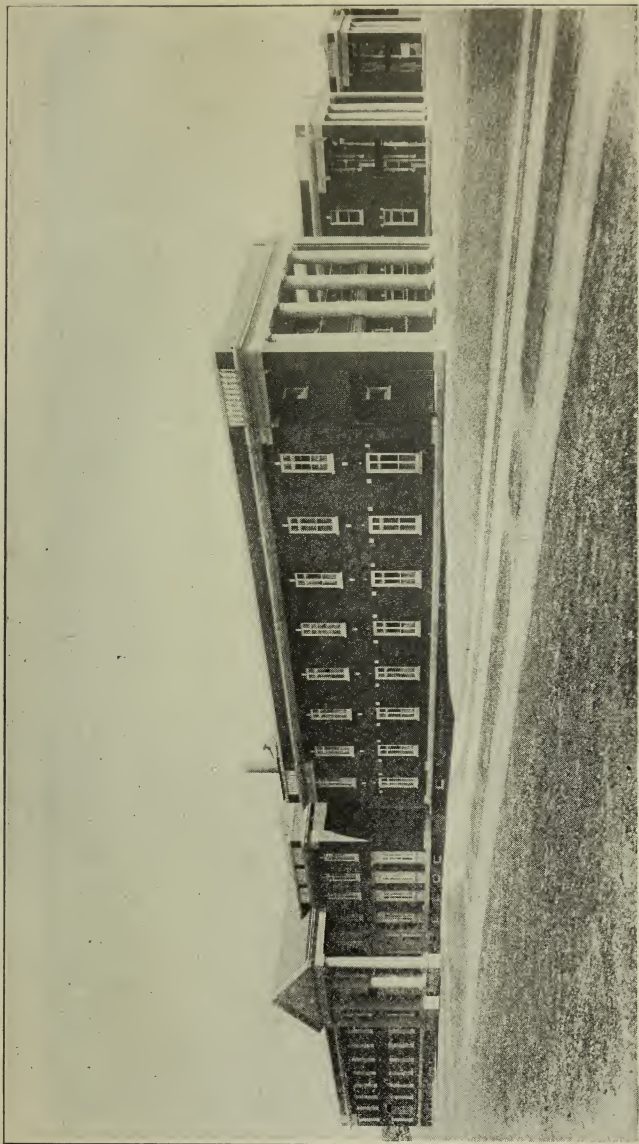
The lectures are based upon a Surgical Diagnosis Syllabus, which gives to the student the essentials of general and of special diagnosis.

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.

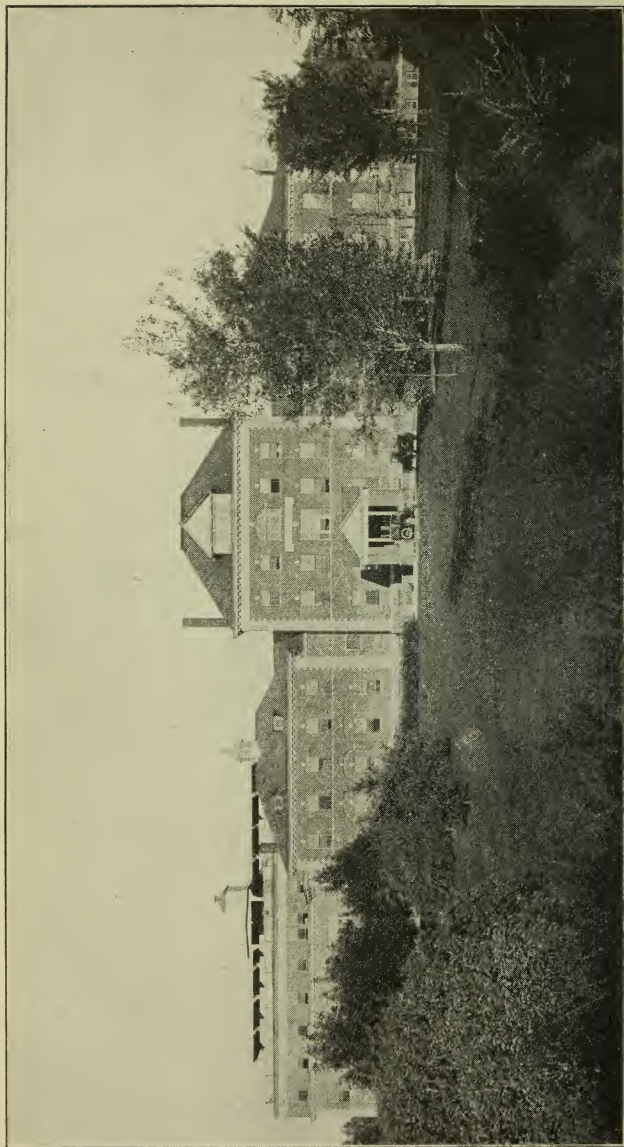
J. L. DONHAUSER.

**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, stereoscopic tube stand, stereoscopic abdominal and thoracic apparatus both horizontal and vertical, horizontal and vertical roentgenscopic apparatus, 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 examinations a year. The



THE SAMARITAN HOSPITAL, TROY



THE ELLIS HOSPITAL, SCHENECTADY

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.

JOHN M. BERRY.

**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 branch, 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.

JAMES N. VANDER VEER.

**Ophthalmology and Otology.** A one hour lecture will be delivered every week for the first half of the *third year* in ophthalmology and the latter half in otology. The didactic work will be illustrated by lantern slides and cadaver 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.

They 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.

ARTHUR J. BEDELL.

**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.

C. F. THEISEN.

E. E. HINMAN.

## 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 electro-diagnosis and electro-therapy. 349 hours.

LASALLE ARCHAMBAULT.

### Gynecology

JOHN A. SAMPSON, M.D., *Professor of Gynecology.*

PAUL T. HARPER, M.D., *Clinical Professor of Obstetrics.*

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

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

—————, M.D., *Assistant in Obstetrics.*

(Resident Obstetrician Brady Maternity Hospital.)

DARWIN A. BRUCE, M.D., *Assistant in Obstetrics.*

WAKEMAN C. EGERTON, M.D., *Assistant in Obstetrics.*

This department provides instruction 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.

JOHN A. SAMPSON.

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

The Anthony N. Brady Maternity 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 material offered by the Albany Hospital in its maternity ward of seven beds will be utilized as available. The Special Obstetric Department of the Albany Guild for Public Health Nursing, under the direction of the obstetric department of the college, offers opportunity for the care of cases in their homes.

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.

DR. HOLT.

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

DR. HARPER.

Fourth Year: Residence at the Anthony N. Brady Maternity Home as "temporary interne" under the immediate instruction of the Resident Obstetrician; two weeks.

Out-patient service under the immediate supervision of Drs. Bruce and Egerton.

PAUL T. HARPER.

**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 1919-1920. The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without notice.

### FIRST YEAR (FIRST HALF-YEAR), SEPT. 24-FEB. 14

| HOUR. | MONDAY.   | TUESDAY. | WEDNESDAY. | THURSDAY. | FRIDAY. | SATURDAY.         |
|-------|---|----------|------------|-----------|---------|-------------------|
| 9     | Microscopic Anatomy and Embryology (Sept. 24-Jan. 2)<br>Neuro-anatomy-(ross) (Jan. 5-30)<br>Gross Anatomy (Feb. 2-11) |          |            |           |         | Gross<br>Anatomy. |
| 10    |   |          |            |           |         |                   |
| 11    |   |          |            |           |         |                   |
| 12    | Lectures and Demonstrations.  |          |            |           |         |                   |
| 2     | Gross<br>Anatomy.   |          |            |           |         |                   |
| 3     |   |          |            |           |         |                   |
| 4     |   |          |            |           |         |                   |
| 5:30  |   |          |            |           |         |                   |

### FIRST YEAR (SECOND HALF-YEAR), FEB. 16-JUNE 5

| HOUR. | MONDAY.                   | TUESDAY.                 | WEDNESDAY.                | THURSDAY.                | FRIDAY.                   | SATURDAY.                 |
|-------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|
| 9     | Physiology.               | Physiology.              | Physiology.               | Physiology.              | Physiology.               | Physiology.               |
| 10    | Biological<br>Chemistry.  | Biological<br>Chemistry. | Physiology<br>Laboratory. | Biological<br>Chemistry. | Biological<br>Chemistry.  | Biological<br>Chemistry.  |
| 11    | Physiology<br>Laboratory. | Chemical<br>Laboratory.  |                           | Chemical<br>Laboratory.  | Physiology<br>Laboratory. | Physiology<br>Laboratory. |
| 12    |                           |                          |                           |                          |                           |                           |
| 2     |                           |                          |                           |                          |                           |                           |
| 3     | Physiology<br>Laboratory. | Chemical<br>Laboratory.  | Physiology<br>Laboratory. | Chemical<br>Laboratory.  | Physiology<br>Laboratory. |                           |
| 4     |                           |                          |                           |                          |                           |                           |

SECOND YEAR (FIRST HALF-YEAR)

| HOUR. | MONDAY.                       | TUESDAY.                                  | WEDNESDAY. | THURSDAY. | FRIDAY. | SATURDAY. |
|-------|-------------------------------|---|------------|-----------|---------|-----------|
| 9     | Pathology.                    | Microscopic Anatomy of the Nervous System |            | Pathology |         |           |
| 10    |                               |   |            |           |         |           |
| 11    |                               |   |            |           |         |           |
| 12    |                               |   |            |           |         |           |
| 2     | Bacteriology and Parasitology |   |            |           |         |           |
| 3     |                               |   |            |           |         |           |
| 4     |                               |   |            |           |         |           |
| 5     |                               |   |            |           |         |           |

SECOND YEAR (SECOND TERM)

| HOUR. | MONDAY.                       | TUESDAY.                     | WEDNESDAY.               | THURSDAY.                   | FRIDAY.                        | SATURDAY. |                                |                        |
|-------|-------------------------------|------------------------------|--------------------------|-----------------------------|--------------------------------|-----------|--------------------------------|------------------------|
| 9     | Pharmacology Lecture.         | Neuro-Pathology Laboratory.  | Pharmacology Lecture     | Pharmacology Lecture        | Pharmacology Lecture           |           |                                |                        |
| 10    | Physical Diagnosis.           |                              | Pharmacology Laboratory  | Physical Diagnosis.         | Applied Anat. Lect.            |           |                                |                        |
| 11    |                               |                              |                          |                             | Surgical Technic               |           | Physical Diagnosis             |                        |
| 12    |                               |                              |                          | Applied Anatomy Laboratory. |                                |           | Clinical Pathology Laboratory. |                        |
| 2     | Clinical Chemistry Laboratory | Applied Anat. Lect.          | Pharmacology Laboratory. | Applied Anatomy Laboratory. | Clinical Pathology Laboratory. |           |                                |                        |
| 3     |                               | Clinical Chemistry Lectures. |                          |                             |                                |           |                                |                        |
| 4     |                               | Obstetrics Recitation.       |                          |                             |                                |           | Applied Anatomy Lecture.       | Obstetrics Recitation. |
| 5     |                               |                              |                          |                             |                                |           |                                |                        |



## THIRD YEAR

| HOUR.  | MONDAY.        | TUESDAY.            | WEDNESDAY.       | THURSDAY.           | FRIDAY.   | SATURDAY.                                 |
|--|----------------|---------------------|------------------|---------------------|---|---|
| 9  | Neurology (L.) | Eye and Ear (L.)    | Obstetrics (L.)  | Medicine (L.)       | Medicine (L.)   | Surgery and Medicine Schenectady Clinics. |
| 10   | Dispensary.    |                     |                  | Surgical Pathology. | Dispensary.   |   |
| 11   |                |                     | Medicine (C.)    |                     |   |   |
| 12   |                |                     | Surgery (C.)     |                     |   |   |
| The 2-3 hour may be utilized for regular exercises; if so, due notice will be given. |                |                     |                  |                     |   |   |
| 3  | Orthopedics.   | Surgical Diagnosis. | Pediatrics.      | Roentgenology.      | Clinical Pathology First Twelve Weeks. Dispensary rest of year. |   |
| 4  | Surgery (Q.)   |                     | Gynecology.      | Skin and Venereal.  |   |   |
| 5  | Therapeutics.  |                     | Nose and Throat. | Neurology (Q.)      |   |   |

## FOURTH YEAR

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

See bulletin board each week for assignment of sections.

## STUDENTS OF THE ALBANY MEDICAL COLLEGE

### Fourth Year Class

| Name                                 | Residence        |
|--------------------------------------|------------------|
| Romeyn Treadwell Allen, Ph.B.....    | Schenectady      |
| Jacob Epstein .....                  | Gloversville     |
| Carl Charles Giannotti.....          | New Haven, Conn. |
| Joseph O'Connor Kiernan.....         | Albany           |
| George Nelson Leonard.....           | Albany           |
| Alfred Lawrence Madden, A.B.....     | Troy             |
| Alexander Mason .....                | Gloversville     |
| William Francis McDermott.....       | Waterford        |
| *Lloyd Edward Miller.....            | Warsaw           |
| Webster Merchant Moriarta.....       | Saratoga Springs |
| John Joseph Phelan, Jr., A.B.....    | Albany           |
| Alexander William Pietraszewski..... | Schenectady      |
| Edson Hun Steele.....                | Mongaup Valley   |

### Third Year Class

|                                |                    |
|--------------------------------|--------------------|
| Douglas Anderson Calhoun.....  | Watervliet         |
| Bernard Roger Coleman.....     | Green Island       |
| Joseph Cornell .....           | Scotia             |
| Percy Lawrence DeNoyelles..... | Jersey City, N. J. |
| Alfred Herman Duerschner.....  | Troy               |
| *George Otis Gilman.....       | Ballston Spa       |
| William Lawrence Gould.....    | Albany             |
| Lawrence Daniel Greene.....    | Petersburg         |
| Albert Leonard Hayes.....      | Hoosick Falls      |
| Leland Earl Hinsie.....        | Schenectady        |
| John Albert Kelk.....          | Cairo              |
| Fred Burton MacNaughton.....   | Troy               |
| Harold Edwin Marden, A.B.....  | Troy               |
| Thomas Sylvester Mooney.....   | Cohoes             |
| Thomas William Phelan.....     | Troy               |

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\*Deceased.

| Name                                    | Residence |
|---|-----------|
| Walter Fred Preusser.....               | Albany    |
| William George Richtmyer.....           | Albany    |
| Anton Schwarz Schneider, B.S., A.M..... | Albany    |
| Homer L. Stephens.....                  | Gardiner  |
| Reginald Van Woert.....                 | Athens    |
| Asher Yaguda .....                      | Albany    |

### Second Year Class

|                                   |                   |
|-----------------------------------|-------------------|
| Charles Ethan Allen, A.B.....     | Orleans, Ind.     |
| L. Prescott Brown.....            | 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        |
| Charles Fayette Rourke.....       | Holyoke, Mass.    |
| Lyle Adin Sutton.....             | Prattsville       |
| Arthur Charles Swartz.....        | Albany            |
| William McCheyne Thomson.....     | Delhi             |
| Charles Edward Wiedenman, Jr..... | Schenectady       |
| Arthur Raymond Wilsey.....        | Greenfield Center |

### First Year Class

|                              |                   |
|------------------------------|-------------------|
| Garvie Adelson.....          | Pittsfield, Mass. |
| Harold Roberts Browne.....   | Cobleskill        |
| Eugene Louis Connally.....   | Troy              |
| Alvah Robert Davignon.....   | Corinth           |
| Ruth Gilbert, A.B., A.M..... | Albany            |
| William Mitchell Mallia..... | Schenectady       |
| Jere John McEville.....      | Johnstown         |
| *Samuel Jones Pashley.....   | Hudson Falls      |

\*Matriculant only.

| Name                              | Residence    |
|-----------------------------------|--------------|
| Hyman J. Sacharoff.....           | Schenectady  |
| Harold Daniel Sehl.....           | Albany       |
| Francis Leathem Skau.....         | Schenectady  |
| George Oliver Tremble.....        | Saranac Lake |
| Beverly Leland Vosburgh, A.B..... | Schenectady  |
| John Charles Younie, A.B.....     | Schenectady  |

### Summary

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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.

During 1919, 46 physicians registered and attended this course, which has been approved by the Public Health Council. The following exercises were given on Wednesday of each week:

### Wednesday, March 5

10:00 A. M. Introduction to course. DR. DURYEE.

10:30 A. M. Lecture and demonstration on general bacteriology and technic, at Albany Medical College. DR. LAWRENCE.



- 12:30 P. M. Round table luncheon. Informal talk on the activities of health officers, Fort Orange Club. DR. BIGGS.
- 2:00 P. M. Conference on the general diagnosis and management of tuberculosis. DR. ROSE.

### Wednesday, March 12

- 10:00 A. M. Laboratory work. Practice in making, staining and examining smears, etc.
- 1:30 P. M. Diagnosis of the exanthemata. DR. NICOLL.
- 2:30 P. M. Visit to Albany Hospital, Pavilion G, Contagious Department.  
Conference on common skin diseases. Under direction of DR. SAUTTER.

### Wednesday, March 19

- 10:00 A. M. Laboratory. Pneumococcus differentiation (including animal demonstration). Demonstration of prophylactic and therapeutic measures in pneumonia.
- 2:00 P. M. to 4:00 P. M. Diagnosis and treatment of pneumonia with clinical demonstration. DR. ORDWAY.

### Wednesday, March 26

- 10:00 A. M. Laboratory. Laboratory diagnosis of typhoid and paratyphoid; detection of carriers in typhoid, and paratyphoid, dysentery, etc.
- 1:30 P. M. Conference on typhoid and paratyphoid immunity. DR. BREWER.
- 2:30 P. M. Epidemiology of typhoid and paratyphoid. DR. BROOKS.

### Wednesday, April 2

- 10:00 A. M. Laboratory. Diphtheria, Vincent's Angina and allied throat infections. Virulence test for diphtheria.

- 1:30 P. M. Municipal control of diphtheria, including dosage and methods of administration of antitoxin. DR. SEARS.
- 3:30 P. M. Demonstration of Schick test, and active immunization. DR. LAWRENCE.

### Wednesday, April 9

- 10:00 A. M. Laboratory. Demonstration of preparation of vaccines.
- 1:30 P. M. Lecture, demonstration and conference on infection, immunity and anaphylaxis. DR. WADSWORTH.

### Wednesday, April 16

- 10:00 A. M. Lecture, demonstration and conference on serum therapy and vaccinotherapy.
- 1:30 P. M. Smallpox and vaccination. DR. CURTIS.
- 2:30 P. M. Smallpox and sanitary code. DR. DURYEE.

### Wednesday, April 23

- 10:00 A. M. Laboratory. Demonstration of influenza bacillus, streptococcus, staphylococcus and other bacteria of the upper respiratory tract.
- 1:30 P. M. Conference on influenza. DR. NICOLL.
- 2:30 P. M. Conference on organization for control and relief in epidemics. DR. BROOKS.

### Wednesday, April 30 (forenoon only)

- 10:00 A. M. Conference (with practical demonstration, examination of cases and exhibition of X-Ray plates) on early diagnosis of tuberculosis. DR. BRAYTON.

### Wednesday, May 7

- 10:00 A. M. Lecture and demonstration of sanitary examination of milk and water. MR. WACHTER.

1:00 P. M. Visit to certified dairy. Under direction of DR. SHAW.

3:00 P. M. Visit to pasteurization plant. Under direction of DR. MILLER.

**Thursday, May 8 (forenoon only)**

10:00 A. M. Lecture and clinic on disorders of cardiac function with particular reference to the irregularities. DR. H. C. GORDINER and DR. T. ORDWAY.  
Surgical clinic. DR. A. W. ELTING.

**Wednesday, May 14**

10:00 A. M. Laboratory. Demonstration of treponema pallidum, gonococcus, and the preparation of arsphenamine.

1:30 P. M. Conference on control of venereal diseases, including discussion of venereal disease laws and regulations. DR. LAWRENCE.

2:30 P. M. Demonstration of administration of arsphenamine and pneumonia serum. DR. AYER.

**Thursday, May 15 (forenoon only)**

10:00 A. M. Conference on water supply and water purification. (Visit to filtration plant) under direction of MR. HORTON.

**Wednesday, May 21 (at Schenectady)**

10:00 A. M. 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. SHAW.

2:30 P. M. Conference on bedside and terminal disinfection. DR. DURYEE.

**Thursday, May 22 (forenoon only)**

- 10:00 A. M. Conference and practical demonstration. Dairy inspection and scoring. Under direction of DR. MILLER.

**Wednesday, May 28**

- 10:00 A. M. Demonstration. Lumbar puncture and spinal 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.

**Thursday, May 29 (forenoon only)**

- 10:00 A. M. Conference on medical school inspection. DR. HOWE.
- 11:00 A. M. Conference on mental hygiene. DR. CLARK.

**Wednesday, June 4**

- 10:00 A. M. Conference on control of communicable diseases in schools. DR. SMITH.
- 11:00 A. M. Conference on vital statistics. DR. EICHEL.
- 12:30 P. M. Round table luncheon. Informal talk on application of military hygiene to civil life. ADJUTANT GENERAL BERRY.
- 2:30 P. M. Conference and general discussion on sanitary code. DR. DURYEE.

**Thursday, June 5 (forenoon only)**

- 10:00 A. M. Demonstration of disinfection and sterilization. MR. WACHTER.

**Wednesday, June 11**

- 10:00 A. M. Conference on dysentery and intestinal infections. DR. SMITH.

- 11:00 A. M. Preventable diseases in 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.

**Thursday, June 12 (forenoon)**

- 10:00 A. M. Conference on disposal of sewage. MR. HORTON.  
11:00 A. M. Conference on rural sanitation.

**Wednesday, June 18**

Final examinations (written).

CHARLES C. DURYEE, *Director.*

**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 11:30 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.



UNIVERSITY OF ILLINOIS-URBANA



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