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ALBANY MEDICAL COLLEGE

Register of Students
1908-1909



ANNOUNCEMENT FOR SESSION

1909-'10

MEDICAL DEPARTMENT OF UNION UNIVERSITY

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

78th SESSION, 1908-1909

AND

ANNOUNCEMENT FOR SESSION 1909-1910

ALBANY, N. Y.
PRESS OF BRANDOW PRINTING CO.

1909
H.A.

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CATALOGUES are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

WILLIS G. TUCKER, M. D., *Registrar,*

ALBANY MEDICAL COLLEGE,

Albany, N. Y.

FACULTY

CHARLES ALEXANDER RICHMOND, D. D., *Chancellor of the University.*

- ALBERT VANDER VEER, M.D., PH.D., LL.D., *Professor of Surgery.*
- JOHN MILTON BIGELOW, M.D., PH.D., *Emeritus Professor of Materia Medica, Therapeutics and Diseases of the Throat and Nose.*
- SAMUEL BALDWIN WARD, M.D., PH.D., DEAN, *Professor of Theory and Practice of Medicine.*
- JAMES PETER BOYD, M.D., *Professor of Obstetrics, Gynecology and Diseases of Children.*
- WILLIS GAYLORD TUCKER, M.D., PH.D., REGISTRAR, *Professor of Chemistry and Toxicology.*
- WILLIAM HAILES, M.D., *Emeritus Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.*
- CYRUS STRONG MERRILL, M.D., *Professor of Ophthalmology and Otology.*
- FREDERIC COLTON CURTIS, M.D., *Professor of Dermatology.*
- HENRY HUN, M.D., *Professor of Diseases of the Nervous System.*
- SAMUEL ROSEBURGH MORROW, M.D., *Professor of Practice of Surgery and of Orthopedic Surgery.*
- HERMON CAMP GORDINIER, M.D., *Professor of Physiology.*
- HOWARD VAN RENSSELAER, M.D., *Professor of Materia Medica and Therapeutics, and Adjunct Professor of Theory and Practice of Medicine.*
- JOSEPH DAVIS CRAIG, M.D., *Professor of Anatomy. Curator of the Museum.*
- WILLIS GOSS MACDONALD, M.D., *Professor of Abdominal and Clinical Surgery.*
- ANDREW MACFARLANE, M.D., *Professor of Physical Diagnosis and Medical Jurisprudence.*
- ARTHUR GUERNSEY ROOT, M.D., *Professor of Diseases of the Throat and Nose.*
- LEO HAENDEL NEUMAN, M.D., *Professor of Gastro-Enteric Diseases, and Clinical Professor of Theory and Practice of Medicine.*

CLINICAL PROFESSORS

- HERMAN BENDELL, M. D., *Otology*.
JESSE MONTGOMERY MOSHER, M. D., *Insanity, Neurology and Electro-Therapeutics*.
HARRY JUDSON LIPES, M. D., *Obstetrics*.
EDGAR ALBERT VANDER VEER, M. D., *Surgery*.
ARTHUR WELLS ELTING, M. D., *Surgery and Lecturer on Surgical Pathology*.
JOHN ALBERTSON SAMPSON, M. D., *Gynecology*.
ARTHUR SAUTTER, M. D., *Dermatology and Lecturer on Genito-Urinary Diseases*.
GEORGE EMORY LOCHNER, M. D., *Gynecology*.
CLEMENT FRANK THEISEN, M. D., *Diseases of Throat and Nose*.
HENRY LARNED KEITH SHAW, M. D., *Diseases of Children*.
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ADJUNCT PROFESSORS

- SPENCER LYMAN DAWES, M. D., *Materia Medica*.
THOMAS ORDWAY, M. D., *Pathology and Bacteriology*.
VICTOR CARYL MYERS, Ph. D., *Physiological Chemistry and Director of Laboratory*.
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LECTURERS

- WILLIAM OLIN STILLMAN, M. D., *History of Medicine*.
ARTHUR TURNER LAIRD, M. D., *Clinical Microscopy*.
CHARLES HENRY MOORE, M. D., *Ophthalmology and Otology*.
HERBERT DODGE PEASE, M. D., *Antitoxins and Immunity*.
JAMES FRANCIS ROONEY, M. D., *Hygiene, and Instructor in Medicine*.
HOWARD EATON LOMAX, M. D., *Anatomy and Assistant Demonstrator*.
GEORGE GUSTAVE LEMPE, M. D., *Anatomy and Instructor in Surgery*.
LA SALLE ARCHAMBAULT, M. D., *Neurology*.
GEORGE EVERETT BEILBY, M. D., *Histology and Instructor in Surgical Pathology*.
ARTHUR FENWICK HOLDING, M. D., *Radiography*.
WILLIAM ATWOOD LARKIN, Ph. G., *Inorganic Chemistry and Instructor in Organic Chemistry. Assistant to the Registrar*.
JAMES NEWELL VANDER VEER, M. D., *Surgical Technic and Instructor in Genito-Urinary Surgery*.
EDWARD WATERBURY BECKER, M. D., *Experimental Physiology*.
ARTHUR JOSEPH BEDELL, M. D., *Ophthalmology*.
JAMES WESLEY WILTSE, M. D., *Dermatology and Genito-Urinary Diseases*.
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INSTRUCTORS

- ALVAH HARRY TRAVER, M. D., *Surgery*.
EDGAR ROSCOE STILLMAN, M. D., *Physiology*.
HARRY WARDELL CAREY, M. D., *Physical Diagnosis*.
EDWARD GERALD GRIFFIN, M. D., *Therapeutics*.
CHARLES KNICKERBACKER WINNE, JR., M. D., *Materia Medica and Theory and Practice of Medicine*.
JOSEPH ALOYSIUS LANAHAN, M. D., *Dermatology*.
HARRY RULISON, M. D., *Clinical Microscopy*.

INSTRUCTORS—Continued

- BRANSEN KEEMPER DE VOE, M. D., *Anatomy*.
EUGENE EUNSON HINMAN, M. D., *Diseases of Throat and Nose*.
JOHN HENRY GUTMANN, M. D., *Surgery and Obstetrics*.
MALCOLM DOUGLAS, M. D., *Histology and Physical Diagnosis*.
CLINTON BENJAMIN HAWN, M. D., *Clinical Microscopy and Physiological Chemistry*.
ERASTUS CORNING, M. D., *Theory and Practice and Physical Diagnosis*.
Demonstrator of Anatomy.
LEROY SOLOMON BLATNER, D. D. S., *Oral Pathology*.
MARCUS DENIS CRONIN, M. D., *Pathology and Bacteriology*.
JOSEPH LEWI DONHAUSER, M. D., *Surgery*.
WILLIAM KIRK, M. D., *Anatomy and Physiology of the Nervous System*.
WALTER ANCEL REYNOLDS, M. D., *Anatomy, Prosector of Anatomy and Assistant Curator of Museum*.
JEROME MEYERS, M. D., *Gastro-Enteric Diseases*.

CLINICAL ASSISTANTS

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| WILLIAM HENRY GEORGE, M.D. | THEOBALD FREDERICK DOESCHER, M.D. |
| MICHAEL DANIEL STEVENSON, M.D. | DANIEL VINCENT O'LEARY, JR., M. D. |
| WASHINGTON IRVING GOEWEY, M.D. | AGNES ELIZABETH PAGE, M. D. |
| ELIJAH HUDSON RIDER, M.D. | JOSEPH LEWI BENDELL, M.D. |
| WILLIAM PITNEY BRIERLEY, M. D. | TIFFANY LAWYER, M.D. |
| GEORGE WASHINGTON PAPAN, JR., M.D. | CHARLES JAMES KELLEY, M.D. |
| WILLIAM GRANT LEWI, M.D. | HARRY HOUGHTON DRAKE, M.D. |
| MARTIN MACHARG, M.D. | HARLEY HEATH, M.D. |
| LOUIS LEBRUN, M.D. | ELLIS KELLERT, M.D. |
| JAMES MANNING MOORE, M.D. | EDWARD DANIEL DONOHUE, M.D. |
| GEORGE STEPHEN MUNSON, M.D. | ARTHUR EMERSON PITTS, M.D. |
| JOSEPH PATRICK O'BRIEN, M.D. | EDWARD JOHNSON ABBOTT, M.D. |
| JOSEPH AMBROSE COX, M.D. | FREDERICK WILLIAM MCSORLEY, M.D. |
| MILES AMBROSE McGRANE, M.D. | BURLIN GEORGE MCKILLIP, M.D. |
| FREDERIC CHARLES CONWAY, M.D. | EDWARD RAYMOND MESSER, M.D. |
| EDDY STEARNS HASWELL, M.D. | |

CALENDAR, 1909-1910

1909

- Regular winter session begins.....Tuesday, September 21
Election vacation.....Monday and Tuesday, November 1 and 2
Thanksgiving vacation begins.....Wednesday at 1 P. M., November 24
Lectures resumed.....Monday morning, November 29
Christmas vacation begins.....Thursday morning, December 23

1910

- Lectures resumed.....Monday morning, January 3
Lincoln's birthday, lectures suspended.....Saturday, February 12
Washington's birthday, lectures suspended.....Tuesday, February 22
Commencement.....Tuesday, May 17

PRELIMINARY EXAMINATION.—The preliminary examination of medical students is under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine should apply to the Examinations Division, New York State Education Department, Albany, by letter or otherwise, if information concerning this examination further than that given on pages 37-39, is desired. One of the examinations will be held in Albany, September 13-15, 1909.

MID-WINTER WRITTEN EXAMINATIONS in all the departments are held soon after the Christmas vacation. A printed schedule of these examinations is furnished the class.

ANNOUNCEMENT

1909-1910*

UNION UNIVERSITY includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Engineering at Schenectady. The ALBANY MEDICAL COLLEGE was organized in 1838 and incorporated in 1839, in which year its first class was graduated. It is the second oldest existing medical school in the state, and since its organization seventy-eight courses of instruction have been given and 2,691 students have been graduated.

The course of instruction is graded and extends over four years. The curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators.

The college building is well appointed in its lecture rooms, laboratories, dissecting rooms and museums. The laboratories in chemistry and physiological chemistry are fitted with every requisite for the use of the classes and the illustration of the lectures, while the BENDER HYGIENIC LABORATORY furnishes unexcelled facilities for instruction in histology, pathology, bacteriology, experimental physiology and clinical microscopy.

The location of the college is such as to afford superior advantages to the student. The hospitals and dispensaries furnish an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby, McNaughton and Haskins, and the pathological speci-

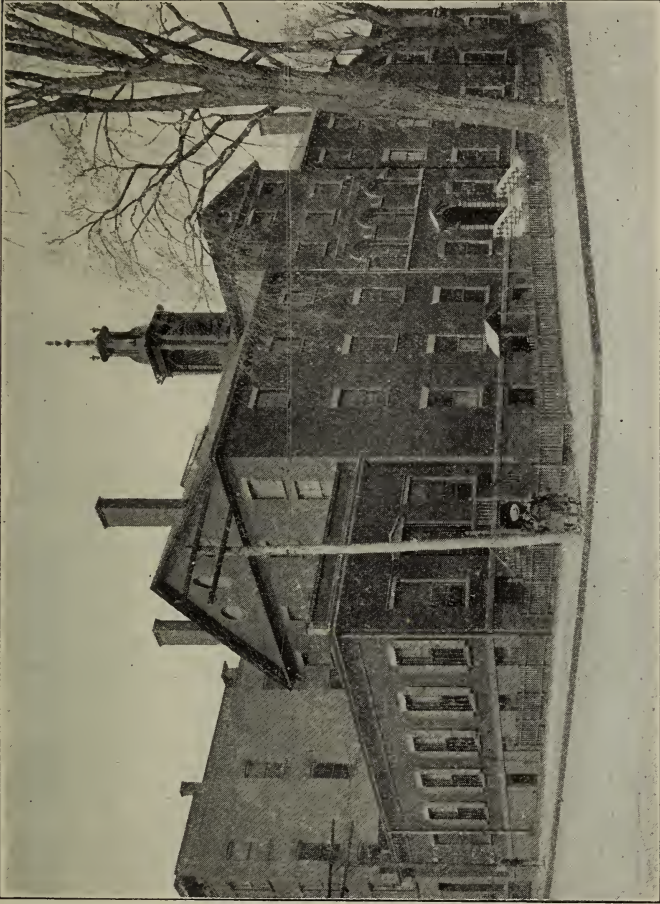
*Announcements of this college are to be considered as applying to the current year only, since all regulations and requirements are subject to change at the close of any session.

mens, the Sydenham Society plates on diseases of the skin and Böck's anatomical models added by Dr. Vander Veer.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, St. Margaret's House, Albany's Hospital for Incurables, County Hospital, South End Dispensary, Eye and Ear Infirmary, Albany Orphan Asylum, and dispensaries connected with each, are, by the regulation of their governing boards, made available for clinical purposes to the students, and appointments to positions on the house staffs of the Albany Hospital, and other hospitals in Albany and neighboring places, are annually made and are competed for by the members of the graduating class.

The results of the examinations for medical licenses held during 1905 by the examining boards of the various states and published in the *Journal of the American Medical Association* for August 25, 1906, show that of the fifty-one larger schools, having fifty or more graduates examined in various states, the ALBANY MEDICAL COLLEGE was one of only three schools which had no candidates rejected. The ALBANY MEDICAL COLLEGE graduates were fifty-six in number; were examined in seven different states, and all passed. The percentage of failures for the entire list of fifty-one schools averaged 15.1. For 1906 the record of the school is nearly as good. Thirty-seven men were examined in five states and all but one passed making 2.7% failures. (See *J. Am. Med. Ass'n*, May 25, 1907.) In 1907 forty-three graduates of 1902-7 inclusive were examined and two failed. (*J. Am. Med. Ass'n*, May 30, 1908.) In 1908 forty-five graduates of 1903-8 inclusive were examined in four states and all passed. (*J. Am. Med. Ass'n*, May 22, 1909.) Of the forty-five colleges having fifty or more graduates of all years examined during 1908 the ALBANY MEDICAL COLLEGE stands with the six of the large schools having not more than two per cent. of failures while the average number of failures for these schools is 15.5 per cent.

Of the thirty-seven graduates of 1909 twenty-eight had received hospital appointments, and mostly as the result of competitive examinations, by Commencement day.



ALBANY MEDICAL COLLEGE
Incorporated 1839



BENDER HYGIENIC LABORATORY

COURSE OF INSTRUCTION

The four years' graded course required of all candidates for the degree of doctor of medicine embraces the following subjects:

First Year

1. **Anatomy**—three lectures; six hours osteology and dissection. 2. **Inorganic Chemistry**—two and a half lectures; four hours laboratory; one recitation. 3. **Organic Chemistry**—two lectures; one recitation. 4. **Physiology**—two lectures; one recitation; two hours demonstration. 5. **Hygiene**—one lecture. 6. **Histology**—five hours laboratory; one recitation. 7. **Materia Medica**—three lectures; two recitations.

Lectures $13\frac{1}{2}$; laboratory 9 hours; dissection and demonstrations 8 hours; recitations 6.

Second Year

1. **Anatomy**—two lectures; seven hours dissection and demonstration; two recitations. 2. **Anatomy and Pathology of Nervous System**—one lecture; two and a half hours laboratory. 3. **Organic and Physiological Chemistry and Toxicology**—one and a half lectures; three hours laboratory; one-half recitation. 4. **Physiology**—one lecture; two and a half hours laboratory; one and a half recitations. 5. **Therapeutics**—one lecture; one-half recitation. 6. **Theory and Practice**—two lectures; one-half recitation. 7. **Surgery**—two demonstrations. 8. **Bacteriology and Pathology**—eight hours laboratory. 9. **Physical Diagnosis**—one demonstration half the term.

Lectures $8\frac{1}{2}$; dissections and demonstrations $9\frac{1}{2}$ hours; laboratory 16 hours; recitations 5.

Third Year

1. **Theory and Practice**—four lectures; two recitations; one hour clinics. 2. **Clinical Microscopy**—two and a half hours laboratory. 3. **Therapeutics**—two lectures; one recitation. 4. **Electro-therapeutics**—one lecture half the term. 5. **Obstetrics and Gynecology**—three lectures. 6. **Pediatrics**—one lecture; one recitation half the term. 7. **Neurology**—one lecture; one recitation; one clinic. 8. **Surgery (pathology, operative, fractures, dislocations)**—five lectures; two and a half hours laboratory; two recitations; three hours clinics. 9. **Physical Diagnosis and Ophthalmology**—section work, two hours. 10. **Medical Jurisprudence**—one lecture half the term. 11. **X Rays**—one demonstration half the term. 12. **Obstetrical Histology and Pathology**—two and a half hours laboratory. 13. **History of Medicine**—one lecture half the term.

Lectures $17\frac{1}{2}$; laboratory $7\frac{1}{2}$ hours; demonstrations $\frac{1}{2}$ hour; recitations 6; section work 2; clinics 5.

Fourth Year

1. **Theory and Practice**—three lectures; one recitation; two and a half hours clinics. 2. **Neurology**—one lecture; one clinic. 3. **Gyne-**

ology—one lecture half the term. 4. **Obstetrics**—two and a half lectures. 5. **Surgery (including Orthopedics)**—four lectures; one recitation; three hours clinics. 6. **Specialties**—one recitation. 7. **Conferences**—one medical; one surgical. 8. **Clinical section work**—sixteen hours.

Lectures 11; recitations 3; conferences 2; clinics 6½; clinical section work 14 hours.

CLINICS

Third and Fourth Year Classes

WEDNESDAY—10:30 A. M. to 1 P. M., (Medicine, Surgery and Dermatology), Profs. Hun, Van Rensselaer and MacFarlane; Cl. Prof. Elting, and Dr. Wiltse, 4th year.

12 M., (Surgery), Profs. Vander Veer, Morrow and Macdonald, 3d year.

FRIDAY—5 P. M., (Neurology), Prof. Hun, 3d and 4th years.

SATURDAY—10 A. M., (Medicine), Prof. Ward, 3d and 4th years.

11 A. M., (Surgery), Profs. Vander Veer, Morrow and Macdonald, 3d and 4th years.

Fourth Year Class divided into sections

MONDAY—11:30 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Laryngology), Prof. Root.

2:30 P. M. to 4:30 P. M., (Insanity), Cl. Pf. Mosher; (Gynecology), Dr. Sampson; (Obstetrics and Pediatrics), Cl. Pfs. Lipes and Shaw.

TUESDAY—11:30 A. M. to 1 P. M., (Dermatology), Cl. Pf. Sautter; (Neurology and Electricity), Cl. Pf. Mosher; (Otology), Cl. Pf. Bendell.

2:30 P. M. to 4:30 P. M., (Surgery), Prof. Morrow; (Pediatrics, medical), Cl. Pf. Shaw; (Operative Genito-Urinary), Dr. J. N. Vander Veer.

THURSDAY—11:30 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Laryngology and Rhinology), Cl. Pf. Theisen.

2:30 P. M. to 4:30 P. M., (Therapeutics), Prof. Van Rensselaer; (Medicine), Prof. Neuman and Dr. Winne; (Gynecology), Cl. Pf. Sampson; (Surgery), Dr. Beilby.

FRIDAY—11:30 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Neurology and Electricity), Cl. Pf. Mosher; (Genito Urinary), Cl. Pf. Sautter.

2:30 P. M. to 4:30 P. M., (Medicine), Profs. MacFarlane and Neuman and Dr. Winne; (Pediatrics, surgical), Cl. Pf. Elting; (Surgery), Cl. Pf. E. A. Vander Veer.

The provisional order of instruction for the first half of the ensuing session is given in the succeeding pages, and a corrected card will be issued at the opening of the session.

ORDER OF INSTRUCTION—1909-1910

FIRST YEAR

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9		Recitation in Materia Medica. DR. WINNE.		*Inorganic Chemistry. MR. LARKIN	Recitation in Materia Medica. DR. WINNE.	
10	9 to 11:30 Histological Laboratory DRS. BEILBY and DOUGLAS.					9 to 11:30 Histological Laboratory. DRS. BEILBY and DOUGLAS.
11		Chemical Laboratory Prof. TUCKER.	*Inorganic Chemistry. MR. LARKIN	Chemical Laboratory. Prof. TUCKER.	Materia Medica. Ad. Prof. DAWES.	
12	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Inorganic Chemistry. MR. LARKIN.
3	*Inorganic Chemistry. MR. LARKIN	*Inorganic Chemistry. MR. LARKIN	Recitation in Histology. DR. DOUGLAS	2:30 to 4:30 Physiological Demonstration. DR. BECKER.	Inorganic Chemistry. MR. LARKIN.	
4	Osteology and Dissection. In Sections.	Recitation in Physiology. DR. E. R. STILLMAN	Osteology and Dissection. In Sections.		Osteology and Dissection. In Sections.	
5	DRS. DE VOE and REYNOLDS.	Physiology. Prof. GORDINIER.	DRS. DE VOE and REYNOLDS.	Physiology. Prof. GORDINIER.	DRS. DE VOE and REYNOLDS.	

*Organic Chemistry (Dr. Tucker) last half of Session.

Final Examinations in Inorganic Chemistry, Histology, Materia Medica, and in the Organic Chemistry, Physiology and Anatomy of the year.

SECOND YEAR

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9						Org. Chem. Prof. TUCKER.
10	9 to 11:30 Experimental Physiology. Ad. Pf. MYERS and Dr. HAWN.	9 to 11:30 Experimental Physiology. Ad. Pf. MYERS and Dr. HAWN.	9 to 11:30 Bacteriology and Pathology. Ad. Pf. ORDWAY and Dr. CRONIN.	9 to 11:30 Bacteriology and Pathology. Ad. Pf. ORDWAY and Dr. CRONIN.	9 to 11:30 Bacteriology and Pathology. Ad. Pf. ORDWAY and Dr. CRONIN.	Rec. Pract. and Therap. In Sections. DRS. WINNE and GRIFFIN.
11						Rec. in Anat. In Sections. DRS. LOMAX and LEMPE.
12	Therapeutics. Prof. VAN RENS- SELAER.	Theory and Practice. Prof. VAN RENS- SELAER.	Org. Chem. and Toxicol. Prof. TUCKER.	Theory and Practice. Prof. VAN RENS- SELAER.	Org. Chem. and Toxicol. Prof. TUCKER.	
2	2 to 3:45 Demonstration of Anatomy of Nervous System. DR. ARCHAM- BAULT.			Recitation Experimental Physiology. Ad. Pf. JACKSON.	Hygiene. DR. ROONEY.	
3	Minor Surgery Cl. Pf. E. A. VAN- DER VEER.	Anatomy. Prof. CRAIG.	2:30 to 6 Dissection. DRS. CORNING, LOMAX and LEMPE.	Anatomy. Prof. CRAIG.	2:30 to 6 Dissection. DRS. CORNING, LOMAX and LEMPE.	
4		Physiology. Prof. GORDINIER.		Anatomy of the Nervous System. Prof. GORDINIER.		
5	Surg. Technic. DR. J. N. VANDER VEER.	Rec. in Anat. In Sections. DRS. LOMAX and LEMPE.		Recitation in Physiology. DR. KIRK.		

Final Examinations in Organic and Physiological Chemistry, Anatomy (including that of the Nervous System) Bacteriology and Pathology, Physiology and Hygiene, and in the Therapeutics and Theory and Practice of the year.

ORDER OF INSTRUCTION—Continued.

THIRD YEAR

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.		Surgery. Prof. VANDER VEER.	Surgery. Prof. MORROW.	Surgery. Prof. MACDONALD	Obstetrics. Cl. Prof. LIPES.
10	Theory and Practice. Prof. WARD.	9 to 11:30 Surgical Pathology. Cl. Pf. ELTING and Dr. BEILEY	Pediatrics. Prof. BOYD.	Recitation Theory and Practice. Dr. WINNE.	Theory and Practice. Prof. WARD.	Med. Clinic Albany Hospital. Prof. WARD.
11	Med. Jurisprud. Prof. MAC- FARLANE. X RAYS. Dr. HOLDING.		Obstetrics. Cl. Prof. LIPES.	Electro- Therapeutics. Cl. Prof. MOSHER. Hist. of Med. Dr. W. STILLMAN.	Operative Surgery. Prof. MORROW.	Surgical Clinic Albany Hospital. Profs. VANDER VEER, MORROW and MACDONALD
12	Therapeutics. Prof. VAN RENS- SELAER.	Theory and Practice. Prof. VAN RENS- SELAER.	Surgical Clinic, Albany Hospital. Profs. VANDER- VEER, MORROW and MACDONALD.	Theory and Practice. Prof. VAN RENS- SELAER.	Therapeutics. Prof. VAN RENS- SELAER.	
3	Fractures and Dislocations. Prof. MORROW.	Recitation in Theory and Practice. Dr. CORNING	Recitation in Surgery. Dr. TRAYER.			
4	Phys. Diag. Sec. A. Prof. MAC- FARLANE. Rec. Therapeut. Sec. B. Dr. GRIFFIN.	Phys Diag. Sec. B. Prof. MAC- FARLANE. Rec. Therapeut. Sec. A. Dr. GRIFFIN.	Gynecology. Cl. Pf. SAMPSON.	2 to 4:30 Clinical Microscopy. DRS. LAIRD, HAWN and RULISON.	2 to 4:30 Obstet. Histol. and Pathol. Cl. Prof. LIPES and Dr. GUTMANN.	
5	Ophthalmol. Sec. B.	Ophthalmol. Sec. A.	Recit. Neurol. and Pediater. In Secs. Cl. Pf. SHAW and DR. ARCH'BAULT.	Recit. Surgery. DRS. LEMPE and GUTMANN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Therapeutics, Neurology and Diagnosis (including Clinical Microscopy, Physical Diagnosis and Medical Jurisprudence), and in the Surgery, Obstetrics, and Theory and Practice of the year.

FOURTH YEAR

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.	Orthopedic Surgery. Prof. MORROW.	Surgery. Prof. VANDER VEER.	Surgery. Prof. MORROW.	Surgery. Prof. MACDONALD	Surgical Conference. Prof. MACDONALD
10	Theory and Practice. Prof. WARD.	Obstetrics. Prof. BOYD.	10:30 to 1 Med. Surg. & Der- matol. Clinics St. Peter's.	Obstetrics. Prof. BOYD.	Theory and Practice. Prof. WARD.	Medical Clinic, Albany Hospital. Prof. WARD.
11			Profs. HUN, VAN RENSELAER & MACFARLANE, Cl. Pf. ELTING and Dr. WILTSE.			Surgical Clinic, Albany Hospital. Profs. VANDER VEER, MORROW and MACDONALD.
12	Clinical Work, Class Divided into Sections.	Clinical Work, Class Divided into Sections.	Recitation in Theory and Practice. Prof. NEUMAN.	Clinical Work, Class Divided into Sections.	Clinical Work, Class Divided into Sections.	
3						
4			Medical Conference. Prof. HUN.			
5	Obstetrics and Gynecology. Cl. Pfs. LOCHNER and SAMPSON.	Recitation in Surgery. Profs. VANDER VEER, MORROW and MACDONALD.	Rec. in Specialties. Pf. ROOT, Cl. Pf. SAUTTER and DR. ARCH'BAULT.	Gastro-enteric Diseases. Prof. NEUMAN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Theory and Practice, Surgery, Obstetrics, Neurology, and in Specialties.

CLINICAL COURSES, 1909-10

(The class divided into four sections)

SECTION A

Hour	DATE.	MONDAY	TUESDAY	THURSDAY	FRIDAY
11:30 to 12:45	September 27 to November 12.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Dispen.
	November 15 to January 21.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 24 to March 11.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	March 14 to April 29.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
2:30 or 3 to 4:30	September 27 to November 12.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J.N. Vander Veer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	November 15 to January 21.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & C. H.	Pediatrics (Surgical) Dr. Elting Child's Hospital.
	January 24 to March 11,	Insanity Dr. Merrill Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.
	March 14 to April 29.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margaret's House	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E.A. Vander Veer Albany Hospital

SECTION B

Hour	DATE	MONDAY	TUESDAY	THURSDAY	FRIDAY
11:30 to 12:45	September 27 to November 12.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	November 15 to January 21.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	January 24 to March 11.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	March 14 to April 29.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 27 to November 12.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margar. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E.A. Vander Veer Albany Hospital.
	November 15 to January 21.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J.N. Vander Veer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	January 24 to March 11.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb. St. Pet. & Ch Hos	Pediatrics (surgical) Dr. Elting Child's Hospital
	March 14 to April 29.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.

CLINICAL COURSES—*Continued.*

SECTION C

HOOR	DATE	MONDAY	TUESDAY	THURSDAY	FRIDAY
11:30 to 12:45	September 27 to November 12	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 15 to January 21	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	January 24 to March 11	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	March 14 to April 29	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 27 to November 12	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Winne Albany Hospital.	Medicine Dr. Winne Albany Hospital.
	November 15 to January 21	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E.A. VanderVeer Albany Hospital.
	January 24 to March 11	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Uriu. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	March 14 to April 29	Pediatrics & Obstet. Drs. Shaw & Lipet. St. Mar. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. VanReusselaer. Alb., St. Pet., Ch. Hos.	Pediatrics (surgical) Dr. Elting Child's Hospital

SECTION D

HOOR	DATE	MONDAY	TUESDAY	THURSDAY	FRIDAY
11:30 to 12:45	September 27 to November 12	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 15 to January 21	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 24 to March 11	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	March 14 to April 29	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
2:30 or 3 to 4:30	September 27 to November 12	Pediatrics & Obstet. Drs. Shaw & Lipet. St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. VanReusselaer Alb., S. Pet. Ch. Hos.	Pediatrics (surgical) Dr. Elting Child's Hospital
	November 15 to January 21	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Winne Albany Hospital.	Medicine Dr. Winne Albany Hospital.
	January 24 to March 11	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E.A. VanderVeer Albany Hospital.
	March 14 to April 29	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Uriu. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.

OUTLINES OF COURSES

Theory and Practice of Medicine, etc.

PROFS. WARD, CURTIS, HUN, VAN RENSSELAER, MACFARLANE, ROOT AND NEUMAN; CL. PROFS. MOSHER, SAUTTER AND THEISEN, AD. PROF. ORDWAY, AND DRs. LAIRD, ROONEY AND ARCHAMBAULT.

Theory and Practice. Prof. Ward delivers a systematic course of lectures to the third and fourth year classes, and Prof. Van Rensselaer to the second and third year classes. Prof. Hun conducts each week a medical conference in which students report cases which they have seen and examined and these reports are criticised by the class. These courses are supplemented by study in a standard text-book; weekly recitations are held on the subject matter of the lectures, and a course upon gastro-enteric diseases is given by Prof. Neuman to the fourth year class. Hygiene is taught in lectures which have special reference to the needs of the general practitioner.

Clinical Medicine. Prof. Ward holds a medical clinic each week, at the Albany Hospital, and Prof. Hun each week, at St. Peter's Hospital, before the third and fourth year classes. In these clinics students have opportunities to examine cases, their examination and diagnosis being criticised by the professor.

Neurology, Insanity and Medical Jurisprudence. The instruction in neurology extends over three years. It commences in the second year during which Prof. Gordinier gives each week an illustrated lecture on the anatomy and physiology, and Dr. Archambault a laboratory exercise of two hours a week, devoted to the gross and microscopic study of the normal and pathological anatomy of the nervous system. The third and fourth year classes are taught by Prof. Hun. During the third year the class attends one didactic and one clinical lecture and one recitation on diseases of the nervous system each week throughout the year and a demonstrative lecture on electro-therapeutics during one-half of the year. During the fourth year the students attend one didactic and one clinical lecture, and one recitation on diseases of the nervous system each week throughout the

year. Each patient exhibited is assigned to two students, who having examined him previously, report on the case at the clinical lecture. During the fourth year also, the class being divided into small groups, each student is trained in the out-patient department in the methods of examination of patients. Practical work in the administration of electricity is also given to each student during the fourth year, the class being divided into sections.

Insanity: The fourth year class, divided into sections, receives clinical instruction under Cl. Prof. Mosher in mental disorders in the wards of Pavilion F at the Albany Hospital.

Medical jurisprudence is taught by weekly didactic lectures during one-half of the year.

Diseases of the Skin. Prof. Curtis presents this subject in the clinical courses and illustrates it fully by the exhibition of cases and plates.

Diseases of the Throat and Nose. This subject is presented in the clinical courses by Prof. Root and Cl. Prof. Theisen in such manner that the student is familiarized with the diseases of these parts and made acquainted with the various methods for the examination and treatment of laryngeal and nasal disorders, individual instruction being given to each student.

Physical diagnosis. The third year class, divided into sections, are taught the principles of physical diagnosis in the examination of the body both in health and disease under Prof. MacFarlane.

Clinical Microscopy. The third year class, in sections, have practical laboratory work in microscopy, including the examination of the urine, blood, sputum, pus, and cultures from cases of true and false diphtheria for clinical diagnosis.

Surgery

PROFS. VANDER VEER, MERRILL, MORROW AND MACDONALD; CL. PROFS. BENDELL, E. A. VANDER VEER AND ELTING, AND DRs. MOORE, HOLDING, J. N. VANDER VEER, BEDELL AND WILTSE.

In the lectures on surgical pathology, the method by which tissues are nourished in health having been discussed, the subjects of hypertrophy and atrophy are taken up, and then attention is given to the pathology of the methods by which wounds heal, and to the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicemia, pyemia, sapremia, poisoned

wounds, etc. A considerable portion of the surgical course is devoted to pathology, in which students should be well grounded during the college course. The course in operative surgery, by Prof. Morrow, is thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon the cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of diagrams and specimens. The subject of modern aseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject is treated practically in a course of lectures in which the various fractures and dislocations are illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, is taught in the lecture room, followed by clinical instruction at the hospital, students being required to examine and diagnose injuries, and to select, prepare and apply proper dressings for reduction and the retention of the appliances used. A very complete Roentgen ray apparatus is employed and its use is taught in every detail by frequent demonstrations.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of various operations. The eye and ear clinics are held every Monday and Friday at noon during the year.

Orthopedic Surgery is taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

Obstetrics, Gynecology and Diseases of Children

PROF. BOYD; CL. PROFS. LIPES, SAMPSON, LOCHNER AND SHAW.

These subjects are treated in courses of didactic and clinical lectures on the science and art of obstetrics; on gynecology, and on the diseases of children. Recitations are held weekly during the term. In addition to the clinical lectures on gynecology, practical instruction is given the members of the senior class at the Albany Hospital and the South End Dispensary. Members of the senior class are required each to attend a certain number of cases of labor. Practical instruction in obstetrics is given at the Albany Hospital and also in the obstetric department of the Albany Guild for the Care of the Sick. Clinical material for the course in pediatrics is obtained from the Child's Hospital, St. Margaret's House for Infants, the Albany Orphan Asylum, the Lathrop Memorial, the dispensary of the Albany Hospital and the South End Dispensary. A course is given at the Bender Laboratory in obstetrical and gynecological histology and pathology including the examination of uterine scrapings. Practical laboratory work is supplemented by lantern slide demonstrations and the exhibition of suitable specimens.

Chemistry

PROF. TUCKER, AD. PROF. MYERS AND MR. LARKIN.

The courses in this department include lectures upon the principles of chemistry; the non-metals, and metals, with their more important medicinal compounds; and organic and physiological chemistry, which is very fully treated, including urinalysis and toxicology. Pharmacopœial compounds receive especial attention, and considerable time is given to the chemical examination of potable water and other matters pertaining to sanitary chemistry as related to water supply, sewage disposal, ventilation, disinfection, food adulteration and kindred topics. Inorganic chemistry is studied during the first half of the first year, and organic chemistry, to the aromatic compounds, during the second half of this year. In the second year organic chemistry is completed in the first half of the year and the study of physiological chemistry is pursued during the latter half of the year in the laboratory. The lectures are abundantly illustrated and recitations are held in each department.

Anatomy

PROFS. CRAIG AND GORDINIER, AD. PROF. ORDWAY AND DRs. LOMAX, LEMPE AND BELBY.

The course in anatomy consists of didactic lectures and recitations, with illustrations and demonstrations from the human subject and preparations from the museum. The course extends through the first and second years. Students are also required to take practical courses during the first and second year on those systems which are lectured upon during those years and to dissect during the second year under the demonstrator of anatomy and assistants not less than the lateral half of a human cadaver. While systematic anatomy is made the basis of study for the first and second years, the practical application of anatomy to medicine and surgery is explained in the didactic lectures, and regional anatomy given prominent consideration in the dissecting-room work. An ample supply of carefully preserved material is available and the dissecting and recitation rooms are well lighted and equipped. An endeavor is made to make the entire course in anatomy practical, consistent and useful, and to assist the student in laying a broad foundation of anatomical knowledge on which to build future courses in didactic and clinical medicine and surgery.

Histology is taught by practical laboratory work as elsewhere described.

Materia Medica and Therapeutics

PROF. VAN RENSSELAER; ADJ. PROF. DAWES AND CL. PROF. MOSHER.

The didactic lectures on materia medica are illustrated by all the official crude drugs, together with prints and specimens of the various official compounds and preparations. In addition there has been added a practical course, in which the organic crude drugs are carefully studied in detail and instruction is given in the methods used in compounding the various important pharmacopœial preparations. In the lectures on therapeutics, which extend through the second and third years, a course is given on prescription writing; and a comprehensive study of the therapeutics of drugs by classes is made. Special attention is given to the demonstration of the action of therapeutic agents, and to the methods of their administration.

During the third year the presentation of the different means and methods of medication resorted to in the treatment of disease is continued, and a separate course on physiological therapeutics is added, including Swedish movements, massage, ærotherapeutics, climatology, hydrotherapeutics, balneotherapy, dietetics, hypnotism, the rest cure, etc. A special course is given in electro-therapeutics. Recitations are held weekly.

Physiology

PROF. GORDINIER, ADJ. PROF. MYERS AND DR. BECKER.

Didactic and experimental lectures are given upon this subject to the first and second year classes throughout the college term. These lectures are profusely illustrated by the aid of a projectoscope and lantern, portable microscopes, models and diagrams. Special attention is paid to the physiology of the circulation, digestion, absorption, secretions, animal heat and metabolism. A large part of the lectures to the second year class are devoted to the very modern physiology of the nervous system and localization.

In addition Adj. Prof. Myers and Dr. Becker give two practical physiological demonstrations each week in the newly equipped laboratory, upon animals, demonstrating the circulation, action of the heart, heart block, blood pressure and absorption. The physiological functions of the salivary, gastric, liver and pancreatic secretions are demonstrated and studied by means of artificial fistulæ. Two recitations are conducted weekly at the college, and recitations are held from time to time at the laboratory.

PRACTICAL CLINICAL COURSES

In order to familiarize students with the practical work of their profession, and to bring them into closer personal contact with patients, the fourth year class is divided into sections of eight or ten men, and on four days in each week each man devotes several hours to the examination and personal observation, under the supervision of the instructors, of patients in the wards and out-patient departments of the various hospitals and dispensaries. In this clinical work especial attention is devoted to the complete examination of the blood, urine, sputum and stomach contents, as well as to the special examination of the eye, ear and other organs. Thus in the course of the school year the men in each section acquire practical knowledge and technical diagnostic dexterity in general medicine, general surgery, gynecology, dermatology, neurology, insanity, otology, laryngology, ophthalmology, rhinology, diseases of children and infants, infant feeding, diseases of the rectum and genito-urinary tract, operative surgery, orthopedic surgery, clinical and operative obstetrics, electrotherapeutics and medical technic.

LABORATORIES

Practical Chemistry

The chemical laboratory is well furnished, conveniently arranged and supplied with all necessary apparatus. The laboratory course is preceded, since although some knowledge of chemistry is highly desirable none is now *required* at entrance, by a series of lessons upon chemical nomenclature, notation and the essential principles of theoretical chemistry, including the laws of combination and valence, and these subjects are therefore more briefly treated in the regular lecture course. The practical laboratory work includes tests for those metals and acids, which, in combination, are important as constituents of medicinal compounds or as poisons, together with the separation of the chief groups, volumetric analysis, the examination of unknown substances and toxicology. All chemical reactions are written upon the blackboard, discussed by the class, and entered upon their notes.

Physiological Chemistry

Laboratory work in this subject consists in the isolation, preparation and identification by tests, of the various important proteins, fats and carbohydrates. The composition of the tissues and organs is next studied with special reference to their most important constituents; the chemistry of digestion, secretion and excretion then receives attention in relation to the several physiological processes involved. Finally there follows a thorough course in qualitative and quantitative urine analysis. The student is required to make careful and thorough notes of the actual experiments performed and also of the deductions to be drawn from them. The practical work is interspersed with lectures and recitations.

Histology, Pathology, Bacteriology and Clinical Microscopy

Work in these departments is carried on in the Bender Hygienic Laboratory, on Lake Avenue, near the Albany Hospital.

This building was erected by the late Matthew W. Bender, of Albany, and is thoroughly equipped with the apparatus necessary for the study of histology, pathology, bacteriology and clinical microscopy. Practical work in these branches is obligatory upon all students, and abundant opportunity is furnished in the laboratory for acquiring a thorough knowledge of these important subjects. An electric lantern which is adapted to the projection of pictures and microscopic preparations as well as

lantern slides is used to supplement the more practical methods of demonstration.

Histology. The work consists of explanatory talks covering the subject of the day's study, followed by practical exercises in the laboratory.

Bacteriology. The work consists of lectures followed by practical laboratory exercises. It is intended to render the student familiar with the underlying principles of bacteriology and their application to clinical medicine and surgery.

Pathology. The work consists of a short lecture on the subject under discussion for the day followed by practical exercises in pathological anatomy and histology. Besides this the students are instructed in the technique of making autopsies, and material from autopsies and surgical operations is demonstrated to them as available. Demonstrations in experimental pathology are introduced whenever possible.

Clinical Microscopy. The course consists of preliminary talks followed by practical work in the examination of blood, urine, sputum, fæces, stomach contents, exudates, etc.; and includes a short course in clinical bacteriology.

In all these courses the student is taught independent methods of work and is required to keep a permanent record, illustrated by drawings, of all laboratory exercises.

A limited number of students who have shown proper aptitude are offered the opportunity to work along more advanced lines.

For the alumni of this school, and for physicians in the vicinity, this laboratory offers excellent facilities for the examination of urine, sputum, pathological specimens and blood. Information regarding such examinations may be obtained by communicating with Dr. Thomas Ordway, Director, Bender Laboratory, South Lake Avenue, Albany.

ENTRANCE REQUIREMENTS

All matriculates after January 1, 1897, must secure 60 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 15 academic counts and must be made up before the student begins the second annual course counted toward the degree.

Medical Student Certificate—When all requirements are fulfilled, the regents issue a medical student certificate which the candidate must file with the Registrar of the college.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college. (See pages 37-39.)

FEES AND EXPENSES

Fees, excepting the final examination fee, are payable each year in advance, are not returnable, and are as follows:

FIRST YEAR	
Matriculation	\$5 00
Lecture Course.....	100 00
Chemical Laboratory	10 00
Histological Laboratory.....	10 00
Dissection (including material).....	5 00
	<hr/> \$130 00
SECOND YEAR	
Matriculation	\$5 00
Dissection (including material).....	10 00
Lecture Course.....	100 00
Bacteriological and Pathological Laboratory.....	15 00
Physiological Chemistry and Experimental Physiology...	15 00
	<hr/> 145 00
THIRD YEAR	
Matriculation	\$5 00
Lecture Course.....	100 00
Clinical Microscopy, Surgical and Obstetrical Pathology..	15 00
	<hr/> 120 00
FOURTH YEAR	
Matriculation	\$5 00
Lecture Course.....	100 00
Final Examination	25 00
	<hr/> 130 00
	<hr/> <hr/>

In addition to the fees above stated, an annual charge of two dollars is made to members of the first, second and third year classes taking laboratory courses at the Bender Laboratory, for the use of microscopes and other apparatus. This fee is paid to the director at the laboratory, and after laboratory tickets have been issued by the registrar. For the laboratory work in physiological chemistry there is a fee of two dollars to cover use of apparatus and breakage payable to the director at the beginning of the session. There is also a fee of five dollars paid by members of the fourth year class to the Guild for the Care of the Sick for the course in practical obstetrics.

The payment of three hundred dollars in advance entitles to attendance upon four courses of lectures, exclusive of laboratory and other special fees above stated, and effects a saving of one hundred dollars on the cost of the four year course, *but this ticket must be taken out within thirty days from date of matriculation.* All other fees are payable strictly in advance except that the final examination fee may be paid at any time before the examinations begin. Graduates of the school may attend lectures and stated clinics without charge except for matriculation in case of prolonged attendance.

The cost of living in Albany is less than in most other cities of its size. A list of boarding houses is kept by the janitor, and also at the Students' Club, at which good rooms and board can be obtained at from four to five dollars a week or upwards, and by clubbing together students can live comfortably at still lower rates. No estimate can well be made of cost of text-books and other personal expenses since these of necessity vary greatly in different cases.

BOOKS RECOMMENDED

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE
ANATOMY—Gray, Holden-Hewson.....	Cunningham, Piersol, Morris, Toldt's Atlas.
ANATOMY NERVOUS SYSTEM—Gordinier....	Edinger, Dejerine, Van Gehuchten.
HISTOLOGY—Ferguson	Schafer, Szymonowicz, Stohr.
PATHOLOGY—Stengel	Zeigler, Wells, Mallory and Wright.
BACTERIOLOGY—Park	Muir and Ritchie, McFarland, Flügge.
PHYSIOLOGY—Howell	Landois, Schaefer, Foster, Tigerstedt.
MATERIA MEDICA—Stevens.....	Nat. Dispens., U. S. Phar., Nat. Formulary.
THERAPEUTICS—Hare	Foster.
ELECTRO-THERAP. AND DIAGNOSIS—Turner, Mosher	Hedley.
THROAT AND NOSE—Kyle.....	Cookley, Shurley, Bosworth.
INORGANIC CHEMISTRY—Sadler and Cob- lentz	Holland, Simon, Bartley, Witthaus.
ANALYTICAL CHEMISTRY—Laboratory Notes	Bartley Clin. Chem., Rockwood.
ORGANIC CHEMISTRY—Sadler & Coblentz..	Bartley, Richter, Holland.
PHYSIOL. CHEMISTRY—Jackson.....	Hammarsten, Hawk, C. E. Simon.
MED. JURISPRUD. AND TOXICOL.—Reese....	Hamilton, Wormley, Herold, Autenrieth.
CHEMISTRY OF URINE—Tyson.....	Saxe, Purdy.
THEORY AND PRACTICE—Anders.....	Osler, Thompson, Tyson, Wood and Fitz, Edwards and Hare, Forcheimer.
GASTRO-ENTERIC DISEASES—Hemmeter....	Boaz.
PHYS. DIAG.—Musser, MacFarlane.....	Le Fevre, Anders.
CLIN. MICROSCOPY—Emerson.....	Wood, Simon, Boston.
HYGIENE—Coplin and Bevan.....	Wilson, Harrington.
MENTAL DISEASES—Syllabus.....	Clouston, Beers, "A mind that found itself."
DERMATOLOGY—Jackson	Hyde, Crocker, Schamberg, Van Harlingen.
NEUROLOGY—Hun's Syllabus.....	Starr, Church & Peterson, Jakob's Atlas.
HISTORY OF MEDICINE—Park.....	Baas.
FRAC. AND DISLOCATIONS—Stimson.....	Hamilton, Scudder.
PRIN. AND PRAC. SURG.—Am. Text Book..	Parks, Wharton and Curtis, Da-Costa, Fowler, Rose and Carless, Lexter-Bevan.
SURGICAL PATHOLOGY—Warren.....	Billroth-Winiwarter, Senn.
OPERATIVE SURGERY—Bryant.....	Kocher, Stimson, Smith, Binnie.
ASEPTIC TREATMENT WOUNDS—Beck.....	Thornbury.
SYPHILIS AND GEN. URIN. Dis's—White & Martin	Keyes, Morrow, Taylor, Casper, Morton.
SURGICAL DIAGNOSIS—Berg.....	Eisendrath, Albert.
ORTHOPEDIC SURGERY—Bradford & Lovett.	Young, Whitman.
OPHTHALMOLOGY—May	Fuchs, DeSchweinitz.
OTOLOGY—Burnhill & Wales	Dench, Politzer.
OBSTETRICS—Jewett	King, Williams.
GYNECOLOGY—Sampson	Hirst, Kelly's Med. Gynecology.
DISEASES OF CHILDREN—Holt.....	Rotch, Koplik Kerley, Pfaundler and Schlossman (Shaw).
DICTIONARY—Dorland Illust. Med. Dictionary, Gould, Duglison Medical Lexicon.	

PRIZES AND HOSPITAL APPOINTMENTS

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M.D., for many years a professor in this college. It consists of a good clinical microscope and is awarded to the senior student passing the best bedside examination in general medicine.

Professors Vander Veer and Macdonald offer a prize of seventy-five dollars for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize of a complete pocket case of instruments for the second best report of these clinics.

Professor Merrill offers a prize consisting of an ophthalmoscope for the best final examination in ophthalmology.

The Townsend physiological prize, endowed by the late Prof. Franklin Townsend, Jr., M.D., is awarded to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the senior student passing the best final examinations in obstetrics.

A prize consisting of a case of surgical instruments, in memory of the late Dr. T. W. Nellis (A. M. C., '81), is offered by his brother, Dr. W. J. Nellis (A. M. C., '79), of Albany, to the senior student passing the best final examination.

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

1. For the best "anatomical specimens," a first prize of sixty dollars, and a second prize of thirty dollars. The following are prescribed for 1910:

1. Prepared, mounted and labeled specimens of a male and female cat.
2. A human male and female pelvis with ligaments attached.
3. Wet preparations properly displayed of the right and left elbow joints.
4. Wet preparations properly displayed of the right and left knee joints.
5. Wet preparation properly labeled and displayed of the human female pelvic organs.

Preparations must be ready to be deposited with the professor of anatomy by May 10, 1910. All specimens submitted in competition for the prizes are to be 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 sixty dollars, and a second prize of thirty dollars, these prizes restricted to members of the graduating class.

At or about the close of each session, vacancies occur in the house staffs of the Albany and other hospitals and these are filled by competitive examinations, open to the members of the graduating class.

REQUIREMENTS FOR GRADUATION

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction during the period required by law in this state (see page 39, sec. 4), and he must present evidence of having complied with the law concerning preliminary examination (see pages 37-39).

He must have attended not less than four regular courses of lectures of which the last shall have been at this college.

Students who have attended one or more courses of lectures at other recognized medical colleges may be admitted to advanced standing in this college if they submit proper evidence of such attendance and a precise statement of subjects included in "Examination Departments," page 29, in which satisfactory final examinations have been passed, and comply with the requirements stated under "Examination Rules," page 30. No credit will be given for work done elsewhere in fourth year departments.

He must be of good moral character.

He must maintain a satisfactory standing during his course and pass a satisfactory final examination in the several branches taught.

Regular and punctual attendance is required, and matriculation tickets are endorsed with attendance at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M.D., *Registrar*,
Albany, N. Y.

July 1, 1909.

EXAMINATION DEPARTMENTS

First Year

1. Chemistry (inorganic, laboratory work and first half organic)
—Dr. Tucker and Mr. Larkin.
2. Anatomy and histology—Drs. Craig and Ordway.
3. Materia medica—Drs. Van Rensselaer and Dawes.
4. Physiology—Dr. Gordinier.

Second Year

1. Chemistry (last half organic, toxicology and physiological chemistry)—Drs. Tucker and Myers.
2. Anatomy (and of the nervous system)—Drs. Craig and Gordinier.
3. Pathology and bacteriology (including laboratory work)—
Dr. Ordway.
4. Therapeutics and practice—Dr. Van Rensselaer.
5. Physiology (including experimental physiology and hygiene)
—Drs. Gordinier, Myers and Rooney.

Third Year

1. Therapeutics (including electro-therapeutics)—Drs. Van Rensselaer and Mosher.
2. Theory and practice—Drs. Van Rensselaer and Ward.
3. Surgery (including pathology, operative, and fractures and dislocations)—Drs. Vander Veer, Morrow and Macdonald.
4. Obstetrics and pediatrics—Drs. Boyd and Lipes.
5. Neurology and diagnosis (including clinical microscopy, physical diagnosis and medical jurisprudence)—Drs. Hun, MacFarlane and Ordway.

Fourth Year

1. Theory and Practice—Drs. Ward and Neuman.
2. Surgery (including orthopedic)—Drs. Vander Veer, Morrow and Macdonald.
3. Obstetrics and gynecology—Drs. Boyd and Sampson.
4. Neurology and insanity—Drs. Hun and Mosher.
5. Eye and ear, dermatology and throat and nose—Drs. Merrill, Curtis, Root and Bendell.

EXAMINATION RULES

A student who, at the end of the college year, as the result of his work and examination combined, is deficient in three departments of the first year, or more than three departments of the second or third year, is debarred from continuing with his class and from commencing the work of the succeeding year and must repeat the year's work and is examined in *all* subjects at the end of the year.

A student not so debarred who fails in one or more departments is required to pass in October an examination in the studies (not departments) in which he has failed. In case he fails in this examination in more than one department he is debarred from continuing the work of the next higher year, but in case he fails in October in only one department he is allowed to continue with his class. In this connection a department means all that constitutes one separate examination and may include one or more studies or branches.

The examination of students of the first, second or third year classes who failed in one or more departments in the spring examinations is held in October (for 1909 in week beginning October 4) and students failing in this examination in only one department may take the examination in the following spring.

STUDENTS 1908-1909

Fourth Year

NAME	RESIDENCE
Edward Johnson Abbott, A. B.	Albany
Morris Bellin	Albany
William Arthur Bing	Castleton
Lewis Webster Burdick, B. S.	Chaseville
Craig Thomas Burns	Geneseo
William Francis Conway	Albany
†Gilbert Worden Crissey, M. D.	Mechanicville
William Henderson Davidson, A. B. Pd. B.	Cohoes
Edward Daniel Donohue	Glens Falls
Harry Houghton Drake	Albany
Orla Andrew Druce	Fulton
Wakeman Clark Egerton, A. B.	Albany
Gilbert Charles Fisk	Albany
Henry Blacklidge Gillen	Cohoes
William Breese Gillespie	Saranac Lake
Elwin Wallace Hannock	Albany
Eddy Stearns Haswell	Albany
Harley Heath	Sandy Hill
Thomas Milton Holmes, B. S.	Albany
James Richard Hunter, M. D.	Troy
Ellis Kellert	Albany
Charles James Kelley	Cortland
Robert Schofield Long	Frankford, Del.
Eugene Francis McGillian	Green Island
James Gibbons McGillicuddy	Glens Falls
Thomas Andrew McGrath	Hoosick Falls
Burlin George McKillip	Albany
Frederick William McSorley	Malone
Edward Raymond Messer	Pittsfield, Mass.
Alexander Francis Mosher	Glens Falls
Neil Bertram Palen	Albany
Arthur Emerson Pitts	Latham
William Rufus Rathbun	East Springfield
Clarence Leonard Russell	Deposit
Charles Emerson Slater	Cairo
Frederick Eugene Vaughan	Gloversville
Walter Harry Waterbury	East Nassau
*Arthur Ernest Were, D. O.	Albany
Calvin Bassler Witter	Albany
James Joseph York	Watervliet

* Matriculant only.

† Special course.

Third Year

NAME	RESIDENCE
William David Aldrich.....	Wevertown
William Dewey Allen.....	Rensselaer
Wardner Daniel Ayer.....	Rensselaer
John Frederick Beiermeister.....	Troy
George Bibby.....	Pottersville
Claude Bledsoe.....	Gloversville
Cornelius Joseph Buckley, A. B.....	Pittsfield, Mass.
John Bennett Burke.....	Troy
James Whitefield Byrne.....	Troy
Frank Gibson Calder.....	Freehold
Eugene Francis Connally.....	Troy
Arthur George Cooke.....	Johnstown
John Richard Devine.....	Troy
George Watson Dufty.....	Troy
John Arthur Farrell, Jr.....	Rensselaer
Richard Berchmans Gray.....	Rensselaer
Henry Martin Grogan.....	Warrensburg
Philip Conrad Hacker.....	Albany
James Charles Hassall.....	Troy
Patrick Joseph Hirst.....	Mechanicville
William Knowlton Johnson.....	Schodack Landing
Walter Scott Lilienthal.....	Albany
Walter Edward Lundblad.....	Schenectady
Harold MacDonald.....	Watervliet
Edward Bartholomew Manion.....	Herkimer
†William Thomas Manion.....	Waterford
Roy Jay Marshall.....	Gouverneur
William Henry Mason.....	Gloversville
John James McCall.....	Albany
John James McShane.....	Springfield Center
Howard Casper Murray.....	Herkimer
Charles Frederick Myers.....	Saratoga Springs
Chauncey Butler Packard.....	Troy
Augustus Charles Post.....	Catskill
George Bradford Randall.....	Albany
Willard Tipple Rivenburgh.....	Ghent
Leander George Rymph.....	Ulster Park
Saul Joseph Selkin.....	Albany
John Forrest Southwell.....	Keene, N. H.
John Albert Sullivan.....	Pittsfield, Mass.
Harold Augustus Traynor.....	Brushton
Harry Franklin Van Loon.....	Albany
John Edmund White.....	Philmont

Second Year

Martin Joseph A'Hearn.....	Saratoga Springs
Antonio Martinez Alvarez.....	San Juan, Porto Rico
*Le Roy Herbert Bender.....	Utica
La Verne Adelbert Bouton.....	Fultonville
Milton Gardner Burch.....	North Adams, Mass.
†Sol Charles Davidson.....	Rochester

* Matriculant only.

† Part of course.

NAME	RESIDENCE
Michael Ercole De Luca.....	Troy
Ray Manier Eaton.....	North Adams, Mass.
Percy Henry Finch.....	Broadalbin
Walter Clayton Fox.....	Troy
Frederick Joseph Garlick.....	Fall River, Mass.
Bertram Wesley Gifford.....	Masonville
Clayton Longueville Gifford.....	Valley Falls
George Mills Glenn.....	Auriesville
James Joseph Hart.....	Rensselaer
Irwin Johnston.....	Watervliet
William Neely Keith, A. B.....	Newtown, Pa.
Frederick Louis Kreicker.....	Troy
Arthur Krida.....	Schenectady
Charles Immanuel Loeble.....	Troy
Harold Arthur Lucas.....	Rensselaer
Thomas William Maloney.....	Waterloo
Charles Edward Maxwell.....	Saratoga Springs
William Edward McCormick.....	Albany
John Ashby McElwain.....	Cohoes
*John Thomas McGivern, Jr.....	Castleton
Maurice James McGrath.....	Ogdensburg
Walter Daniel McKenna.....	Troy
Joseph Ambrose McPhillips.....	The Glen
Horace Clifford Montgomery.....	Waddington
Frank Mathias Neuendorf.....	Albany
Henry Joseph Noerling.....	Albany
Edmond Joseph O'Donnell.....	New York
Abraham Lewis Olshansky.....	Albany
Ralph Baker Post.....	Catskill
Peter Francis Purcell.....	Salem
Francis Bernard Quinlan.....	Glens Falls
William Francis Rafferty.....	Rensselaer
Hiram Burdette Riggs.....	Canajoharie
Scott Booth Schleiermacher.....	Bloomingburg
Emil John Senn.....	Schenectady
William Thomas Shields, Jr.....	Albany
William James Sweeney.....	Newburg
Abraham Phineas Terk.....	Glens Falls
William Trotter.....	Troy
Arthur Eddy Wells.....	Schenectady
Arthur Hastings Wheeler.....	Troy
Melvin Thomas Woodhead.....	Amsterdam

First Year

Max Alonzo Almy.....	Corning
Horace Edward Auringer.....	Cohoes
Clifton Bogardus.....	Catskill
John Lawrence Both.....	Lawrence
Joseph Henry Bowers.....	Albany
William Bertram Butts.....	Albany
John Joseph Cahill.....	Sandy Hill
William Henry Casey.....	Troy
Joseph James Cox.....	Herkimer

* Matriculant only.

Catalogue of the

NAME	RESIDENCE
Rufus Baker Manley Crain.....	Richfield Springs
Alton Brooks Daley.....	Coxsackie
Dwight Guilford Dudley.....	Maine
John Lounsbury Edwards.....	Randall
*Leonard Harrison English, D. O.....	Plattsburg
Louis Marcus Friedman.....	Bayonne, N. J.
*Milton Dwight Gardner.....	Pittsfield, Mass.
George Augustine Green.....	Mechanicville
Paul Pattengill Gregory.....	Welcome
Walter Robert Grunewald.....	Gloversville
John Duncan Gulick.....	Cranbury, N. J.
Vasileos Michael Koundourianes, B. A.....	Albany
Royal Estabrook LaGrange.....	East Beekmantown
Albert Lenz.....	Johnstown
Norman Howe Liberty.....	Ticonderoga
William Edgar Low, Jr.....	Catskill
Domenico Carlantonio Mauro.....	Gloversville
Joseph Edward McNulty.....	Bath
†Walter Leo Mercer, A. B.....	Pittsfield, Mass.
Abraham Metzner.....	Glens Falls
Ward Winthrop Millias, Ph. B.....	Castleton
James Henry Mitchell, Jr.....	Cohoes
Floyd Hazard Moore.....	Herkimer
Clarence Edmund Mullens.....	Albany
Homer Hollett Oaksford.....	Gloversville
Daniel Francis O'Keffe.....	Hadley
*Orla James Park.....	Sandy Hill
†Duncan MacGregor Parsons.....	Gloversville
**Conrad William Perreault.....	Cohoes
Daniel von Tobiasse Read.....	Monck's Corner, S. C.
Michael Augustine Rogers.....	Schuylerville
William Henry Seward.....	Amsterdam
George Aaron Sharp.....	Westfield, Mass.
Charles Edward Stott.....	Albany
Sterling Wallace Todd.....	Hyde Park
James John Walsh.....	Waterloo
Floyd Alberti Weed.....	Catskill
*Jerry West.....	Gallupville
†Charles Joy Wilber, Jr.....	North Troy
Charles Wesley Woodall.....	Delmar

* Matriculant only.

† Part of course.

**Died June 2, 1909.

SUMMARY

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GRADUATES OF 1909

Commencement Exercises Held at Odd Fellows' Hall,
Tuesday, May 18, 1909

NAME	RESIDENCE
Edward Johnson Abbott, A. B.	Albany, N. Y.
Morris Beilin	Albany, N. Y.
William Arthur Bing	Castleton, N. Y.
Lewis Webster Burdick, B. S.	Chaseville, N. Y.
Craig Thomas Burns	Geneseo, N. Y.
William Francis Conway	Albany, N. Y.
William Henderson Davidson, A. B. Pd. B.	Cohoes, N. Y.
Edward Daniel Donohue	Glens Falls, N. Y.
Harry Houghton Drake	Albany, N. Y.
Orla Andrew Druce	Fulton, N. Y.
Wakeman Clark Egerton, A. B.	Albany, N. Y.
Gilbert Charles Fisk	Albany, N. Y.
Henry Blacklidge Gillen	Cohoes, N. Y.
William Breese Gilliespie	Saranac Lake, N. Y.
Eddy Stearns Haswell	Albany, N. Y.
Harley Heath	Sandy Hill, N. Y.
Thomas Milton Holmes, B. S.	Albany, N. Y.
James Richard Hunter, M. D.	Troy, N. Y.
Ellis Kellert	Albany, N. Y.
Charles James Kelley	Cortland, N. Y.
Robert Schofield Long	Frankford, Del.
Eugene Francis McGillian	Green Island, N. Y.
James Gibbons McGillicuddy	Glens Falls, N. Y.
Thomas Andrew McGrath	Hoosick Falls, N. Y.
Burlin George McKillip	Albany, N. Y.
Frederick William McSorley	Malone, N. Y.
Edward Raymond Messer	Pittsfield, Mass.
Alexander Francis Mosher	Glens Falls, N. Y.
Neil Bertram Palen	Albany, N. Y.
Arthur Emerson Pitts	Latham, N. Y.
William Rufus Rathbun	East Springfield, N. Y.
Clarence Leonard Russell	Deposit, N. Y.
Charles Emerson Slater	Cairo, N. Y.
Frederick Eugene Vaughan	Gloversville, N. Y.
Walter Harry Waterbury	East Nassau, N. Y.
Calvin Bassler Witter	Albany, N. Y.
James Joseph York	Watervliet, N. Y.

PRIZES AND HOSPITAL APPOINTMENTS

1909.

- Vander Poel prize, for best bedside examination in general medicine, to Dr. Ellis Kellert.
- Vander Veer-Macdonald prize, for best report of surgical clinics, to Dr. Burlin G. McKillip.
- Hailes-Morrow prize, for second best report, to Dr. Ellis Kellert.
- Merrill prize, for best final examination in ophthalmology, to Dr. Charles J. Kelley.
- Townsend prize, for best examination in physiology at end of first year of study, to Mr. John L. Both.
- Boyd prize, for best final examination in obstetrics, to Dr. Burlin G. McKillip.
- Nellis prize, for best final senior examination, to Dr. Burlin G. McKillip.
- Husted prize, for best final first year examination, to Mr. Albert Lenz.
- Daggett trust prizes, for best anatomical preparations, to Dr. Morris Bellin.
- Daggett trust prizes, for the best department, first to Dr. Burlin G. McKillip; second to Dr. Robert S. Long.
- Appointed Essayist for 1910, William D. Allen; Alternate, George Bibby.
- ALBANY HOSPITAL APPOINTMENTS.—Drs. Charles J. Kelley; Harry H. Drake; Harley Heath; Ellis Kellert; Edward D. Donohue; Arthur E. Pitts; Edward J. Abbott and Frederick W. McSorley.
- PATHOLOGIST TO ALBANY HOSPITAL.—Dr. William L. Munson ('08).
- ASSISTANT BACTERIOLOGIST, BENDER LABORATORY.—Dr. William A. Bing.
- ST. PETER'S HOSPITAL.—Drs. Burlin G. McKillip, Edward R. Messer and Eddy S. Haswell.
- TROY HOSPITAL.—Drs. James G. McGillicuddy; Alexander F. Mosher, Neil B. Palen and Eugene F. McGillian.
- SAMARITAN HOSPITAL, Troy.—Drs. Lewis W. Burdick, William H. Davidson and Charles E. Slater.
- ELLIS HOSPITAL, Schenectady.—Drs. James J. York and Calvin B. Witter.
- COHOES HOSPITAL.—Dr. Henry B. Gillen.
- HOMEOPATHIC HOSPITAL, Albany.—Drs. William F. Conway and Wakeman C. Egerton and Mr. Elwin W. Hannock.
- BINGHAMTON STATE HOSPITAL.—Dr. Clarence L. Russell.
- POUGHKEEPSIE STATE HOSPITAL.—Dr. Frederick E. Vaughan.
- BUFFALO EMERGENCY HOSPITAL.—Dr. Craig T. Burns.
- RESIDENT PHYSICIAN AND SURGEON, NEW YORK CITY WATER COMMISSION.—Dr. Orla A. Druce.

MEDICAL STUDENT EXAMINATIONS

FROM LAWS OF 1907, CH. 344.

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 unless matriculated conditionally as hereinafter specified, he had either graduated from a registered college or satisfactorily completed a full course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or held a regents' medical student certificate; or passed regents' examinations securing 60 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally as hereinafter specified. A medical school may matriculate conditionally a student deficient in not more than one year's academic work or 15 counts of the preliminary education requirement provided the name and deficiency of each student so matriculated be filed at the regents' office within three months after matriculation, and that the deficiency be made up before the student begins the second annual medical course counted toward the degree.

Notes on the Law

1. For matriculates prior to January 1, 1897, medical schools are not required to furnish notice of conditional matriculation, and such students may make up the full requirement at any time before beginning the second annual course counted toward the degree, or two years before the date of the degree.

All matriculates after January 1, 1897, must secure 60 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 15 academic counts and must be made up before the student begins the second annual course counted toward the degree.

a. Partial equivalents may be accepted for the medical student certificates; i. e., evidence of completion in an approved school of one or more full years of high school work and regents' examinations in additional subjects representing the balance of the required four-year course.

b. Regents' examinations in the second or third year of any language course will be accepted as including the preceding years in those courses.

c. Candidates unable to offer certificates of the required academic work in a registered institution may present evidence to the regents that they had the required preliminary education before beginning the second

annual course counted toward the degree, and may on passing regents' examinations receive their certificates as of the date when the preliminary work was completed.

2. The regents will accept as fully equivalent to the required academic course any one of the following:

(a) A certificate of having successfully completed at least one full year's course of study in the collegiate department of any college or university, registered by the regents as maintaining a satisfactory standard.

(b) A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed academic course.

(c) Regents' passcards for any 60 academic counts or any regents' diploma. Beginning with the September, 1905, academic examinations, 12 old academic counts are equivalent of 15 new.

(d) A certificate of graduation from any registered school in Germany, Austria, Russia, Italy, France or Spain. (For other countries see Handbook 23, Education Department.)

(e) Any credentials from a registered institution or from the Government in any state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy or from a registered Prussian gymnasium.

On April 26, 1906, the regents amended the rules so that a medical student certificate may be earned by passing in the Department's examinations English, three years 10 counts; mathematics, two years (algebra and geometry) 10 counts; Latin, two years (grammar, composition and Caesar) 10 counts; science, two years (physics and chemistry) 10 counts; history, one year (American history and civics) 5 counts.

But all matriculants, after January 1, 1897, must secure 60 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally, as hereinbefore specified, when the deficiency must be made up before the student begins the second annual medical course counted toward the degree. (For further details see Handbook of Education Department.)

Candidates not attending schools in which regents' examinations are held should send notice at least ten days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Certificates without examinations—Candidates having credentials which can be accepted in place of an examination, should send them to the New York State Education Department. If accepted the proper certificates will be sent.

Sample papers—Unbound sample papers can be had for 10 cents for not exceeding ten subjects. The exact grounds covered by these examinations is shown in the *Regents' Academic Syllabus*, which is mailed prepaid for 25 cents.

Medical Student Certificate—When all requirements are fulfilled, the regents grant on receipt of 25 cents a medical student certificate, which shows the subjects and their values.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college.

Dates of Regents' examinations for the academic year 1909-1910; 1909, September 13-15; 1910, January 17-21; June 13-17; September 19-21.

NOTE—September examinations will be held in Albany for medical students, and also in New York, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing Examinations Division, New York State Education Department, Albany, N. Y.

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 (Form 1).
2. Certificate of moral character from not less than two physicians in good standing (Form 1).
3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state; 45 counts or equivalent before beginning first medical year, 60 counts or equivalent before beginning the second (Medical student certificate. See handbook No. 3, Examinations).
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.

The increase in the required course of medical study from three to four years took effect January 1, 1898, and applies to students who matriculate after that date and receive the degree of M. D., after January 1, 1902. (Form 1.)

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," and as equivalent of the first year of

the fourth requirement, evidence of graduation from a registered college course provided that such college course shall have included not less than the minimum requirements prescribed by the regents for such admission to advanced standing.

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." (Form 2.) Original credentials are accepted from foreign candidates only.

6. The candidate must pass examinations in anatomy, physiology, hygiene, sanitation, chemistry, surgery, obstetrics, gynecology, pathology, bacteriology, and 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 license or diploma, conferring all rights and privileges of a regents' license issued after examination." Indorsements of New Jersey, Michigan, Ohio and Vermont licenses are now possible.

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

8. In 1901 the medical law was amended, giving the regents power to admit conditionally to the licensing examinations in anatomy, physiology, hygiene and sanitation, and chemistry, applicants certified as having studied medicine not less than two full years, including two satisfactory courses of at least seven months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard; provided that such applicants are not under nineteen years of age, of good moral character, have the requisite preliminary education and pay the fee of \$25 [all first and second year examinations must have been passed and all college fees paid]; the final examinations in surgery, obstetrics and gynecology, pathology including bacteriology, and diagnosis to be met after having finished the full period of study and having received the medical degree.

Notes on the Law

1. Seventy-five per cent of correct answers is required in all subjects.
2. All subjects must be passed at the same examination, except as above.

NOTE—When a candidate for license has been rejected in but *one* topic and his total average in other six topics is at least 80, at subsequent examinations he shall be examined only in the topic in which he originally failed to receive the required (75) percentage.

3. All examinations must be conducted in the English language.

Medical Examinations

Examinations for license to practice medicine in this state will be held as follows:

DATES		PLACES
1909	1910	New York
Sept. 21-24	Feb. 1-4	Albany
	May 24-27	Syracuse
	June 28-July 1	Buffalo
	Sept. 27-30	Each candidate is notified as to exact place.

Daily Program

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

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

THE STUDENTS' CLUB OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Students' Club was organized in December, 1906. Its object is to encourage helpful and co-operative relationship between the students of the Medical, Law and Pharmacy Departments of Union University. Since its organization separate club rooms have been maintained. A departure will be made this year in using the Central Department, corner North Pearl and Steuben streets, as headquarters. Student committees will continue as heretofore and all club activities will be directed by them under the supervision of a club secretary.

The Students' Club membership fee of one dollar will entitle the holder to all the social privileges of the Central Department, including the billiard and pool room, the library and periodicals. A small additional fee will admit to the gymnasium and baths. Bible Study groups will meet for an hour each week under the direction of a capable and interesting leader at such times and places as are most convenient.

The secretary will have on file a revised list of boarding and rooming houses and will be pleased to give any needed information relative to the colleges and the Law School or the city.

ALBANY LAW SCHOOL

DEPARTMENT OF LAW—UNION UNIVERSITY
ESTABLISHED 1851.

The law school occupies a building wholly devoted to its use. It is situated upon one of the finest avenues in the city in close proximity to the Capitol, State Law Library, Law courts, etc.

With the term ending June 9, 1909, the school completed its fifty-eighth year. Since its establishment upwards of six thousand students have attended its lectures and among its graduates are numbered many of the most successful and honorable members of the bench and bar, and of the executive departments of the country.

It has been and is the aim of the school to combine, as thoroughly as possible, the theoretical and practical in its scheme of instruction.

The local advantages of the city of Albany as the seat of a school of instruction in the law are unsurpassed.

The course leading to the degree of LL.B. is two years.

The course for students wishing to complete their studies preparatory to the bar examinations is one year preceded by two years in a law office.

The next course begins September 21, 1909.

For catalogues or further information, address

Albany Law School,

JOHN J. HUGHES, *Secretary.*

Albany, N. Y.

DUDLEY OBSERVATORY, ALBANY

The Dudley Observatory was founded in 1852. In 1874 it became, by act of the legislature, a department of Union University. It is located on Lake Avenue, southwest of Washington Park. Visitors are admitted only on Tuesday evenings, from 8 o'clock to 10, and on passes obtained from the members of the board of trustees.

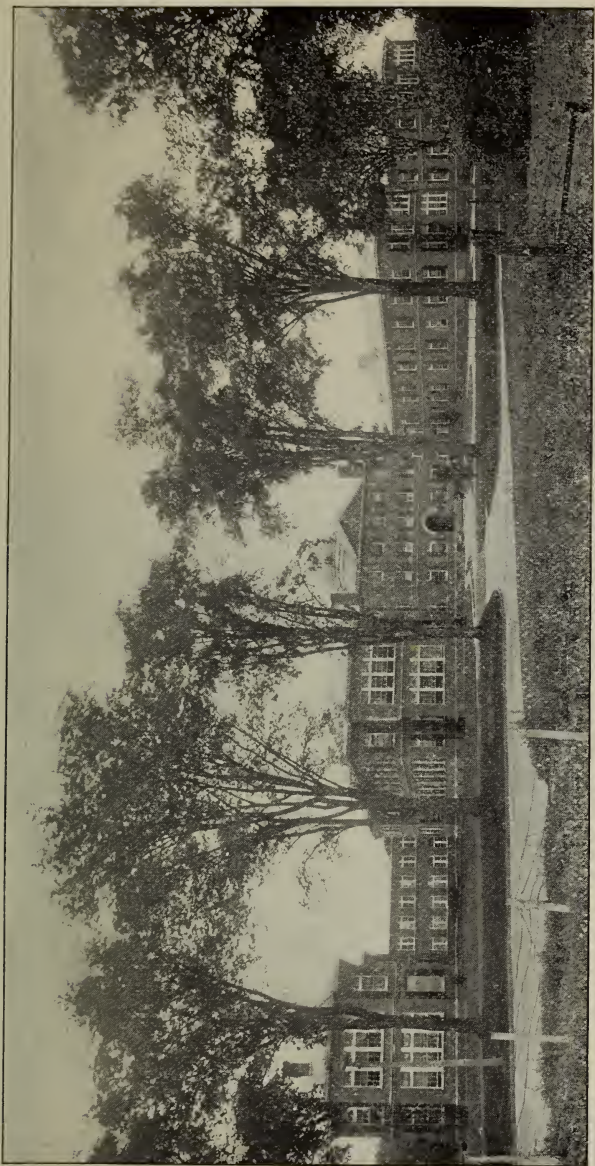
Instruction is given to special students.

For further information, address

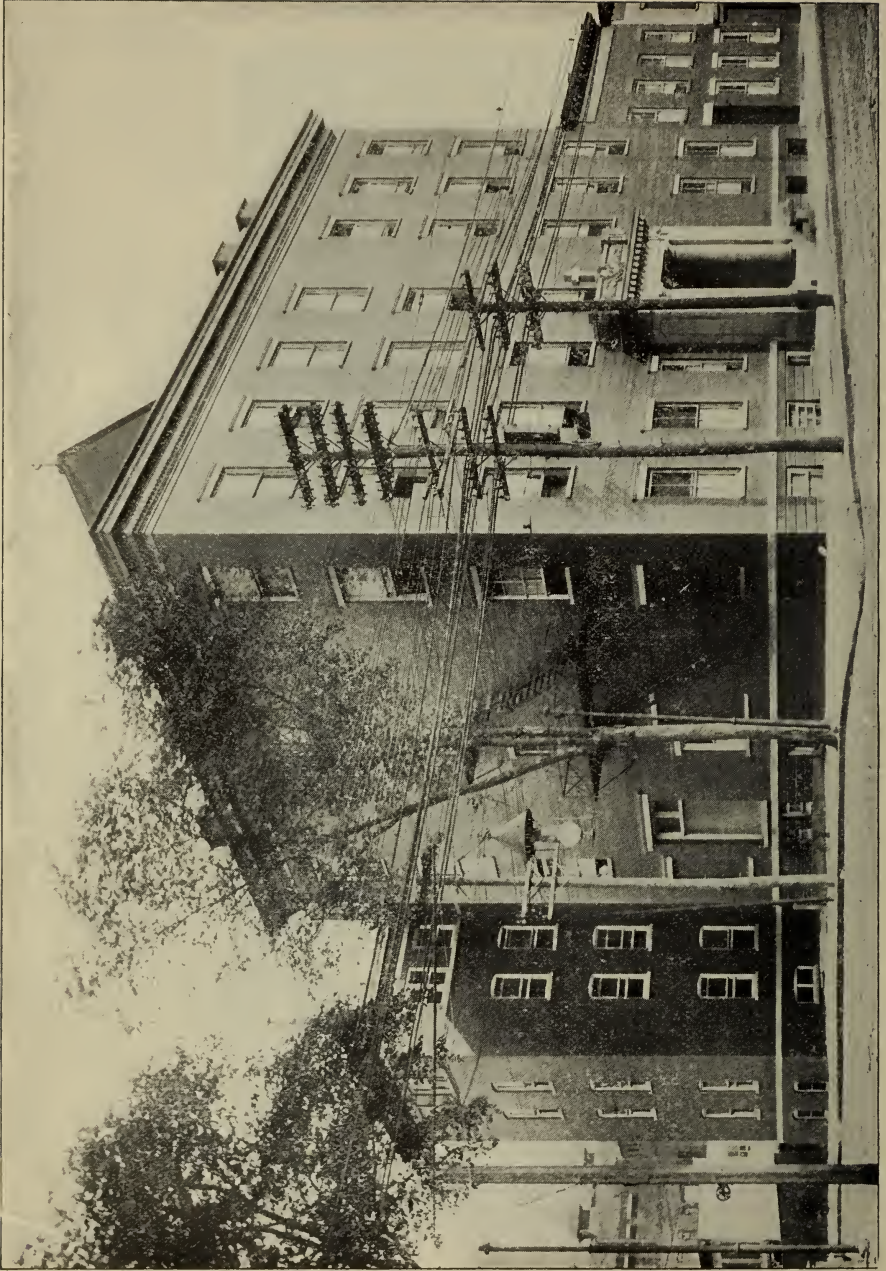
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THE ALBANY HOSPITAL
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ST. PETER'S HOSPITAL

ALBANY MEDICAL ANNALS

The ALBANY MEDICAL ANNALS was established in 1880 for the purpose of recording the transactions of the Medical Society of the County of Albany, and items of medical interest to the medical profession generally. In 1891 the 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 yearly volume now consists of approximately nine hundred text pages.

The ANNALS is published on the first of every month. The subscription price is two dollars a year in advance.

Original articles, items of medical importance and correspondence upon topics of current interest are solicited.

Communications and subscriptions should be addressed

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170 Washington Avenue, Albany, N. Y.

ALBANY HOSPITAL TRAINING SCHOOL FOR NURSES

The training school for nurses was organized in December, 1896, and incorporated in April, 1897. Its objects are the improvement of the nursing service in the Albany Hospital and the education of graduate nurses. A three year course of instruction has been adopted, including lectures by the members of the medical and surgical staffs of the hospital and other physicians, recitations to the Superintendent of Nurses, and practical ward instruction in the care of the sick and injured and in midwifery under the direction of graduate nurses.

Pupils are received as probationers, and after acceptance by the Superintendent of the Training School, enter upon the regular course of study.

No fees are charged for instruction, the services rendered in the wards of the hospitals being accepted as an equivalent. After the first three months an allowance of seven dollars a month for necessary expenses, clothing, books, etc., is granted the pupils of the school.

No applicants are considered who do not express their willingness and intention to remain throughout the full course of three years. For information address,

SUPERINTENDENT OF THE TRAINING SCHOOL,
Albany Hospital, Albany, N. Y.

UNION COLLEGE

The college offers undergraduate courses leading to the degrees of A. B., Ph. B., B. S., and B. E., as follows:

1. Courses leading to the degree of A. B.

COURSE A.—Greek is required for admission to this course. Latin and Greek are required for two years, and are elective for the remainder of the course.

COURSE B.—This course may be pursued by candidates who satisfy the requirements for admission to the Ph. B. course. Greek is begun on entrance and required for four years.

2. Course leading to the degree of Ph. B.

This course offers Latin without Greek.

3. Course leading to the degree of B. S.

This course is based upon the study of mathematics and sciences, with extended work in English and other modern languages.

4. General Engineering course of four years leading to the degree of B. E.

During the third and fourth years two alternative options are offered in this course:

Option A.—In which the fundamental principles of advanced technical subjects receive emphasis.

Option B.—In which studies are offered which lead to a training for engineering positions of an executive or administrative nature.

5. General Engineering course of six years leading to the degrees of B. E. and Ph. B.

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8. Graduate course in General or in Sanitary Engineering leading to the degree of Master of Civil Engineering.

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The fee for tuition is, in the academic courses, \$75 a year, and in the engineering courses, \$120 a year; room rent in the college dormitories is \$50 to \$60 a year additional. Board can be had for from \$4 to \$5 a week. Some scholarships are granted under conditions stated in the college catalogue.

Commencement occurs always on the second Wednesday of June. Fall term of 1909 begins September 13. Entrance examinations are held on the Thursday and Friday immediately following Commencement, and on the Monday, Wednesday and Thursday of the first week of the fall term.

For catalogue, address

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Schenectady, N. Y.

ALBANY COLLEGE OF PHARMACY

Department of Pharmacy, Union University

SESSION OF 1909-1910.

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The twenty-ninth session will open on Monday, October 4, 1909, and close April 19, 1910. The exercises of the college are held in the Albany Medical College building on Eagle street and in the laboratories on Howard street.

The following constitute the faculty:

WILLIS G. TUCKER, M. D., PH. D., F. C. S., Dean,
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ALFRED B. HUESTED, M. D., PH. G.,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, PH. G.,
Emeritus Professor of Pharmacy.

THEODORE J. BRADLEY, B. S., PH. G., Secretary,
*Adjunct Professor of Inorganic Chemistry and Pharmaceutical
Mathematics.*

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Director of Pharmaceutical Laboratory.

SPENCER L. DAWES, M. D.,
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A systematic course in pharmaceutical laboratory work is pursued, and the college is well equipped to impart thorough instruction in pharmacy and its kindred sciences.

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The fees are \$80 per year, with no incidentals, excepting a laboratory deposit of \$2.

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4 Lancaster Street, Albany, N. Y.

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE

INCORPORATED FEBRUARY 6, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 2,691. Names and addresses upon the roll, 1,483. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee who serve for three years, are elected annually.

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together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex officio*.

The next annual meeting will be held in the college building on Tuesday, May 17, 1910. So far as their addresses can be ascertained all graduates of the college are notified of the annual meetings through the mail. Those who do not receive such notice regularly are requested to furnish the recording secretary with their addresses and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. Robert Babcock, Treasurer, 102 Lancaster street, Albany, N. Y.

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170 Washington Avenue, Albany, N. Y.

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ALBANY MEDICAL COLLEGE

Register of Students
1909-1910



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1910-1911

MEDICAL DEPARTMENT OF UNION UNIVERSITY

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

79th SESSION, 1909-1910

AND

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 HARRY SAUL BERNSTEIN, M. D., *Histology, Pathology and Bacteriology*
 HAROLD PAYNE SAWYER, M. D., *Clinical Microscopy.*
 THEOBALD FREDERICK DOESCHER, M. D., *Physiological Chemistry and Gastro-Enteric Diseases.*
 WILLIAM ARTHUR BING, M. D., *Physiological Chemistry and Experimental Physiology.*
 NELSON KAUFMAN FROMM, M. D., *Obstetrics and Materia Medica.*
 TIFFANY LAWYER, M. D., *Gynecology.*
 EDWIN LYON DRAPER, M. D., *Surgery.*
 WILLIAM GEORGE KEENS, M. D., *Diseases of Throat and Nose.*
 ELLIS KELERT, M. D., *Assistant in Pathology and Bacteriology.*
 WALTER EDWARD LUNDBLAD, M. D., *Assistant in Pathology and Bacteriology.*

CLINICAL ASSISTANTS

- | | |
|------------------------------------|------------------------------------|
| WILLIAM HENRY GEORGE, M. D. | FREDERIC CHARLES CONWAY, M. D. |
| MICHAEL DANIEL STEVENSON, M. D. | DANIEL VINCENT O'LEARY, JR., M. D. |
| WASHINGTON IRVING GOEWEY, M. D. | AGNES ELIZABETH PAGE, M. D. |
| ELIJAH HUDSON RIDER, M. D. | JOSEPH LEWI BENDELL, M. D. |
| WILLIAM PITNEY BRIERLEY, M. D. | WALTER SCOTT LILIENTHAL, M. D. |
| GEORGE WASHINGTON PAPAN, JR. M. D. | WILLIAM DEWEY ALLEN, M. D. |
| JOHN JOSEPH A. LYONS, M. D. | GEORGE WATSON DUFTY, M. D. |
| WILLIAM GRANT LEWI, M. D. | GEORGE BIBBY, M. D. |
| MARTIN MACHARG, M. D. | FRANK GIBSON CALDER, M. D. |
| LOUIS LEBRUN, M. D. | JOHN ARTHUR FARRELL, JR., M. D. |
| JAMES MANNING MOORE, M. D. | WILLIAM DAVID ALDRICH, M. D. |
| GEORGE STEPHEN MUNSON, M. D. | JOHN EDMUND WHITE, M. D. |
| JOSEPH PATRICK O'BRIEN, M. D. | JOHN FORREST SOUTHWELL, M. D. |
| JOSEPH AMBROSE COX, M. D. | WARDNER DANIEL AYER, M. D. |
| MILES AMBROSE McGRANE, M. D. | RICHARD BERCHMANS GRAY, M. D. |
| CLAUDE BLEDSOE, M. D. | |

CALENDAR 1910-11

1910

- Regular winter session begins Tuesday, September 20
 Election vacation Monday and Tuesday, November 7 and 8
 Thanksgiving vacation begins Wednesday at 1 P. M., November 23
 Lectures resumed Monday morning, November 28
 Christmas vacation begins Saturday morning, December 24

1911

- Lectures resumed Wednesday morning, January 4
 Lincoln's birthday, lectures suspended Monday, February 13
 Washington's birthday, lectures suspended Wednesday, February 22
 Commencement Tuesday, May 16

ENTRANCE REQUIREMENTS—The New York State Medical Student Certificate entitles to entrance, or 45 academic counts to conditional admission to the first course. Those contemplating the study of medicine should apply to the Examinations Division, New York State Education Department, Albany, by letter or otherwise, if further information than that given on pages 37-39, is desired. One of the examinations will be held in Albany, September 19-21, 1910.

MID-WINTER WRITTEN EXAMINATIONS in all the departments are held soon after the Christmas vacation. A printed schedule of these examinations is furnished the class.

ANNOUNCEMENT

1910-1911*

UNION UNIVERSITY includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Engineering at Schenectady. The ALBANY MEDICAL COLLEGE was organized in 1838 and incorporated in 1839, in which year its first class was graduated. It is the second oldest existing medical school in the State, and since its organization seventy-nine courses of instruction have been given and 2,732 students have been graduated.

The course of instruction is graded and extends over four years. The curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators.

The college building is well appointed in its lecture rooms, laboratories, dissecting rooms and museums. The laboratories in chemistry and physiological chemistry are fitted with every requisite for the use of the classes and the illustration of the lectures, while the BENDER HYGIENIC LABORATORY furnishes admirable facilities for instruction in histology, pathology, bacteriology, experimental physiology and clinical microscopy.

The location of the college is such as to afford superior advantages to the student. The hospitals and dispensaries furnish an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby, McNaughton and Haskins, and the pathological speci-

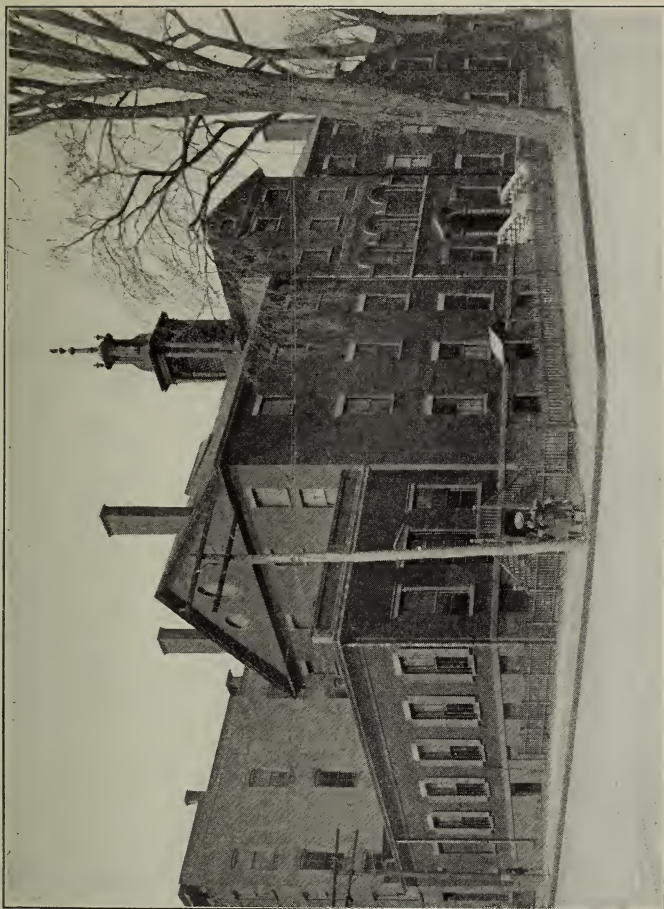
*Announcements of this college are to be considered as applying to the current year only, since all regulations and requirements are subject to change at the close of any session.

mens, the Sydenham Society plates on diseases of the skin and Böck's anatomical models added by Dr. Vander Veer.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, St. Margaret's House, Albany's Hospital for Incurables, County Hospital, South End Dispensary, Eye and Ear Infirmary, Albany Orphan Asylum, and dispensaries connected with each, are, by the regulation of their governing boards, made available for clinical purposes to the students, and appointments to positions on the house staffs of the Albany Hospital, and other hospitals in Albany and neighboring places, are annually made and are competed for by the members of the graduating class.

The results of the examinations for medical license held during recent years by the examining boards of the various states, and published annually in the *Journal of the American Medical Association*, show that in 1905, of the fifty-one larger schools having fifty or more graduates examined in various states, the ALBANY MEDICAL COLLEGE was one of only three schools which had no candidates rejected. Fifty-six of its graduates were examined in seven states and all passed. In 1906 thirty-seven graduates of 1901-6, inclusive, were examined in five states and all but one passed. In 1907 forty-three graduates of 1902-7 inclusive were examined and two failed. In 1908 forty-five graduates of 1903-8 inclusive were examined in four states and all passed. In 1909 thirty-seven graduates of 1905-9 inclusive were examined in four states and three failed. The average percentage of failure of recent graduates,—that is those of the preceding five or six years, and as tabulated by the American Medical Association and published annually in its *Journal*, has been 3.1 for the Albany Medical College during the past five years. In 1909 the percentage of recent graduates failing was 15.4 for all the medical schools of the country.

Of the forty-one graduates of 1910 thirty had received hospital appointments, and mostly as the result of competitive examinations, by Commencement day.



ALBANY MEDICAL COLLEGE
Incorporated 1839



BENDER HYGIENIC LABORATORY

COURSE OF INSTRUCTION

The four years' graded course required of all candidates for the degree of doctor of medicine embraces the following subjects:

First Year

1. **Anatomy**—three lectures; six hours osteology and dissection.
2. **Inorganic Chemistry**—two and a half lectures; four hours laboratory; one recitation.
3. **Organic Chemistry**—two lectures; one recitation.
4. **Physiology**—two lectures; one recitation; two and a half hours laboratory and demonstration.
5. **Histology**—five hours laboratory; one recitation.
6. **Materia Medica**—three lectures; two recitations.

Lectures 12½; laboratory 9 hours; dissection and demonstration 8½ hours; recitations 6.

Second Year

1. **Anatomy**—two lectures; seven hours dissection and demonstration; two recitations.
2. **Anatomy and Pathology of Nervous System**—one lecture; two and a half hours laboratory.
3. **Organic and Physiological Chemistry and Toxicology**—one and a half lectures; three hours laboratory; one-half recitation.
4. **Physiology**—one lecture; two and a half hours laboratory; one and a half recitations.
5. **Therapeutics**—one lecture; one-half recitation.
6. **Theory and Practice**—two lectures; one-half recitation.
7. **Hygiene**—one lecture.
8. **Surgery (including Pathology)**—two and a half hours laboratory; two demonstrations.
9. **Bacteriology and Pathology** eight hours laboratory.
10. **Physical Diagnosis**—one demonstration half the term.
11. **Pharmacology**—one demonstration half the term.

Lectures 9½; dissections and demonstrations 10 hours; laboratory 18½ hours; recitations 5.

Third Year

1. **Theory and Practice**—four lectures; two recitations; one hour clinics.
2. **Clinical Microscopy**—two and a half hours laboratory.
3. **Therapeutics**—two lectures; one recitation.
4. **Electro-therapeutics**—one lecture half the term.
5. **Obstetrics and Gynecology**—three lectures.
6. **Pediatrics**—one lecture; one recitation half the term.
7. **Neurology**—one lecture; one recitation; one clinic.
8. **Surgery (including operative, fractures, dislocations)**—five lectures; two recitations; three hours clinics.
9. **Physical Diagnosis and Ophthalmology**—section work two hours.
10. **Medical Jurisprudence**—one lecture half the term.
11. **X Rays**—one demonstration half the term.
12. **Obstetrical Histology and Pathology**—two and a half hours laboratory.
13. **History of Medicine**—one lecture half the term.

Lectures 17½; laboratory 5 hours; demonstrations ½ hour; recitations 6; section work 2; clinics 5.

Fourth Year

1. **Theory and Practice**—three lectures; one recitation; two and a half hours clinics.
2. **Neurology**—one lecture; one clinic.
3. **Gynecology**—one

lecture half the term. 4. **Obstetrics**—two and a half lectures. 5. **Surgery (including Orthopedics)**—four lectures; one recitation; three hours clinics. 6. **Specialties**—one recitation. 7. **Conferences**—one medical; one surgical. 8. **Clinical section work**—sixteen hours.

Lectures 11; recitations 3; conferences 2; clinics 6½; clinical section work 14 hours.

CLINICS

Third and Fourth Year Classes

WEDNESDAY—10:30 A. M. to 1 P. M., (Medicine, Surgery and Dermatology), Profs. Hun, Van Rensselaer and MacFarlane; Cl. Prof. Elting, and Dr. Wiltse, 4th year.

12 M., (Surgery), Profs. Vander Veer, Morrow and Macdonald, 3d year.

FRIDAY 5 P. M., (Neurology), Prof. Hun, 3d and 4th years.

SATURDAY—10 A. M., (Medicine), Prof. Ward, 3d and 4th years.

11 A. M., (Surgery), Profs. Vander Veer, Morrow and Macdonald, 3d and 4th years.

Fourth Year Class divided into sections

MONDAY—11:30 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Laryngology), Prof. Root.

2:30 P. M., to 4:30 P. M., (Insanity), Cl. Pf. Mosher; (Gynecology), Dr. Sampson; (Obstetrics and Pediatrics), Cl. Pfs. Lipes and Shaw.

TUESDAY—11:30 A. M., to 1 P. M., (Dermatology), Cl. Pf. Sautter; (Neurology and Electricity), Cl. Pf. Mosher; (Otology), Cl. Pf. Bendell.

2:30 P. M. to 4:30 P. M., (Surgery), Prof. Morrow; (Pediatrics, medical), Cl. Pf. Shaw; (Operative Genito-Urinary), Dr. J. N. Vander Veer.

THURSDAY—11:30 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Laryngology and Rhinology), Cl. Pf. Theisen.

2:30 P. M., to 4:30 P. M., (Therapeutics), Prof. Van Rensselaer; (Medicine), Prof. Neuman and Dr. Winne; (Gynecology), Cl. Pf. Sampson; (Surgery), Dr. Beilby.

FRIDAY—11:30 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Neurology and Electricity), Cl. Pf. Mosher; (Genito Urinary), Cl. Pf. Sautter.

2:30 P. M., to 4:30 P. M., (Medicine), Profs. MacFarlane and Neuman and Dr. Winne; (Pediatrics, surgical), Cl. Pf. Elting; (Surgery), Cl. Pf. E. A. Vander Veer.

The provisional order of instruction for the first half of the ensuing session is given in the succeeding pages, and a corrected card will be issued at the opening of the session.

ORDER OF INSTRUCTION—1910-1911

FIRST YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9		Recitation in Materia Medica. Dr. FROMM		Inorganic Chemistry. Mr. LARKIN	Recitation in Materia Medica. Dr. FROMM	
10	9 to 11:30 Histological Laboratory Drs. BERNSTEIN and DOUGLAS.		9 to 11:30 Experimental Physiology. Ad. Pf. MYERS and Dr. BING.			9 to 11:30 Histological Laboratory. Drs. BERNSTEIN and DOUGLAS.
11		Chemical Laboratory Prof. TUCKER.		Chemical Laboratory. Prof. TUCKER.	Materia Medica. Ad. Prof. DAWES.	
12	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Inorganic Chemistry. Mr. LARKIN.
3	*Inorganic Chemistry. Mr. LARKIN.	*Inorganic Chemistry. Mr. LARKIN.	Recitation in Histology. Dr. DOUGLAS.	*Inorganic Chemistry. Mr. LARKIN.	*Inorganic Chemistry. Mr. LARKIN.	
4	Osteology and Dissection. In Sections. Drs. DE VOE and REYNOLDS.	Recitation in Physiology. Dr. E. R. STILLMAN	Osteology and Dissection. In Sections. Drs. DE VOE and REYNOLDS.		Osteology and Dissection. In Sections. Drs. DE VOE and REYNOLDS.	
5		Physiology. Prof. GORDINIER.		Physiology. Prof. GORDINIER.		

* Organic Chemistry (Dr. Tucker) last half of Session.

Final Examinations in Inorganic Chemistry, Histology, Materia Medica, and in the Organic Chemistry, Physiology and Anatomy of the year.

SECOND YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9						Org. Chem. Prof. TUCKER.
10	9 to 11:30 Experimental Physiology and Pharmacology. Ad. Pf. MYERS and Dr. BING.	9 to 11:30 Experimental Physiology and Pharmacology. Ad. Pf. MYERS and Dr. BING.	9 to 11:30 Bacteriology and Pathology. Prof. ORDWAY and DR. BERNSTEIN.	9 to 11:30 Bacteriology and Pathology. Prof. ORDWAY and DR. BERNSTEIN.	9 to 11:30 Bacteriology and Pathology. Prof. ORDWAY and DR. BERNSTEIN.	Rec. Pract. and Therap. In Sections. Drs. WINNE and GRIFFIN.
11						Rec. in Anat. In Sections. Drs. LOMAX and LEMPE.
12	Therapeutics. Prof. VAN RENSS- SELAER.	Theory and Practice. Prof. VAN RENSS- SELAER.	Org. Chem. and Toxicol. Prof. TUCKER.	Theory and Practice. Prof. VAN RENSS- SELAER.	Org. Chem. and Toxicol. Prof. TUCKER.	
2	2 to 3:45 Demonstration of Anatomy of Nervous System. Dr. ARCHAM- BAULT.			Recitation Experimental Physiology. Ad. Pf. MYERS.	Hygiene. Dr. ROONEY.	
3		Anatomy. Prof. CRAIG.	2:30 to 6 Dissection. Drs. CORNING, LOMAX and LEMPE.	Anatomy. Prof. CRAIG.	2:30 to 6 Dissection. Drs. CORNING, LOMAX and LEMPE.	Surgical Pathology [Hours to be announced.]
4	Minor Surgery Cl. Pf. E. A. VAN- DER VEER.	Physiology. Prof. GORDINIER.		Anatomy of the Nervous System. Prof. GORDINIER.		
5	Surg. Technic. Dr. J. N. VANDER VEER.	Rec. in Anat. In Sections. Drs. LOMAX and LEMPE.		Recitation in Physiology. Dr. KIRK.		

Final Examinations in Organic and Physiological Chemistry, Anatomy (including that of the Nervous System) Bacteriology and Pathology, Physiology and in the Therapeutics and Theory and Practice of the year.

ORDER OF INSTRUCTION—Continued

THIRD YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.		Surgery. Prof. VANDER VEER.	Surgery. Prof. MORROW.	Surgery. Prof. MACDONALD	Obstetrics. Cl. Prof. LIPES.
10	Theory and Practice. Prof. WARD.	Hygiene. Dr. ROONEY.	Pediatrics. Prof. BOYD.	Recitation Theory and Practice. Dr. WINNE.	Theory and Practice. Prof. WARD.	Med. Clinic Albany Hospital. Prof. WARD.
11	Med. Jurisprud. Prof. MAC- FARLANE. X Rays. Dr. HOLDING.	Tuberculosis. Dr. LAIRD.	Obstetrics. Cl. Prof. LIPES.	Electro- Therapeutics. Cl. Prof. MOSHER. Hist. of Med. Dr. W. STILLMAN	Operative Surgery. Prof. MORROW.	Surgical Clinic Albany Hospital. Profs. VANDER VEER, MORROW and MACDONALD.
12	Therapeutics. Prof. VAN RENS- SELAER.	Theory and Practice. Prof. VAN RENS- SELAER.	Surgical Clinic, Albany Hospital. Profs. VANDER- VEER, MORROW and MACDONALD.	Theory and Practice. Prof. VAN RENS- SELAER.	Therapeutics. Prof. VAN RENS- SELAER.	
3	Fractures and Dislocations. Prof. MORROW.	Recitation in Theory and Practice. Dr. CORNING.	Recitation in Surgery.			
4	Phys. Diag. Sec. A. Prof. MAC- FARLANE. Rec. Therapeut. Sec. B. Dr. GRIFFIN.	Phys. Diag. Sec. B. Prof. MAC- FARLANE. Rec. Therapeut. Sec. A. Dr. GRIFFIN.	Gynecology. Cl. Pf. SAMPSON.	2 to 4:30 Clinical Microscopy. Drs. HAWN and SAWYER.	2 to 4:30 Obstet. Histol. and Pathol. Cl. Prof. LIPES and Dr. GUTMANN.	
5	Ophthalmol. Dr. BEDELL.		Recit. Neurol. and Pedi. In Secs. Cl. Pf. SHAW and Dr. ARCH'BAULT.	Gastro-enteric Diseases. Prof. NEUMAN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Therapeutics, Neurology and Diagnosis (including Clinical Microscopy, Physical Diagnosis and Medical Jurisprudence), and in the Surgery, Obstetrics, Practice (and Hygiene) of the year.

FOURTH YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.	Orthopedic Surgery. Prof. MORROW.	Surgery. Prof. VANDER VEER.	Surgery. Prof. MORROW.	Surgery. Prof. MACDONALD	Surgical Conference. Prof. MACDONALD
10	Theory and Practice. Prof. WARD.	Obstetrics. Prof. BOYD.	10:30 to 1 Med. Surg. & Der- matol. Clinics St. Peter's.	Obstetrics. Prof. BOYD.	Theory and Practice. Prof. WARD.	Medical Clinic, Albany Hospital. Prof. WARD.
11			Pfs. HUN, VAN RENSELAER & MACFARLANE, Cl. Pf. ELTING and Dr. WILTSE.			Surgical Clinic, Albany Hospital. Profs. VANDER VEER, MORROW and MACDONALD.
12	Clinical Work. Class Divided into Sections.	Clinical Work. Class Divided into Sections.	Recitation in Theory and Practice. Prof. NEUMAN.	Clinical Work. Class Divided into Sections.	Clinical Work. Class Divided into Sections.	
3			Medical Conference. Prof. HUN.			
4						
5	Obstetrics and Gynecology. Cl. Pfs. LOCHNER and SAMPSON.	Recitation in Surgery. Profs. VANDER VEER, MORROW and MACDONALD.	Rec. in Specialties. Pf. ROOT, Cl. Pf. SAUTTER and Dr. ARCH'BAULT.	Gastro-enteric Diseases. Prof. NEUMAN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Theory and Practice, Surgery, Obstetrics Neurology, and in Specialties.

CLINICAL COURSES, 1910-11

(The class divided into four sections)

SECTION A

HOOR.	DATE.	MONDAY.	TUESDAY.	THURSDAY	FRIDAY.
11:30 to 12:45	September 26 to November 11.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Dispen.
	November 14 to January 20.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital	Ophthalmology Dr. Merrill Albany Hospital.
	January 23 to March 10.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	March 13 to April 28.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
2:30 or 3 to 4:30	September 26 to November 11.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	November 14 to January 20.	Pediatrics & Obstet. Drs. Shaw & Lipps St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & Ch. H.	Pediatrics (Surgical) Dr. Elting Child's Hospital
	January 23 to March 10.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.
	March 13 to April 28.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margaret's House	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.

SECTION B

HOOR.	DATE.	MONDAY.	TUESDAY.	THURSDAY.	FRIDAY.
11:30 to 12:45	September 26 to November 11.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	November 14 to January 20.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	January 23 to March 10.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	March 13 to April 28.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 26 to November 11.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margar. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	November 14 to January 20.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	January 23 to March 10.	Pediatrics & Obstet. Drs. Shaw & Lipps St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & Ch. H.	Pediatrics (surgic'l) Dr. Elting Child's Hospital.
	March 13 to April 28.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.

CLINICAL COURSES—Continued

SECTION C

HOUR.	DATE.	MONDAY.	TUESDAY.	THURSDAY.	FRIDAY.
11:30 to 12:45	September 26 to November 11.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 14 to January 20.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	January 23 to March 10.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	March 13 to April 28	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 26 to November 11.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Winne Albany Hospital.	Medicine Dr. Winne Albany Hospital.
	November 14 to January 20.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	January 23 to March 10.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	March 13 to April 28.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Mar. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. Pet., Ch. H.	Pediatrics (surgical) Dr. Elting Child's Hospital.

SECTION D

HOUR.	DATE.	MONDAY.	TUESDAY.	THURSDAY.	FRIDAY.
11:30 to 12:45	September 26 to November 11.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 14 to January 20.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 23 to March 10.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	March 13 to April 23.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
2:30 or 3 to 4:30	September 26 to November 11.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. VanRensselaer Alb., St. Pet., Ch. H.	Pediatrics (surgical) Dr. Elting Child's Hospital.
	November 14 to January 20.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Winne Albany Hospital.	Medicine Dr. Winne Albany Hospital.
	January 23 to March 10.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	March 13 to April 28	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.

OUTLINES OF COURSES

Theory and Practice of Medicine, etc.

PROFS. WARD, CURTIS, HUN, VAN RENSSELAER, MACFARLANE, ROOT, NEUMAN AND ORDWAY; CL. PROFS. MOSHER, SAUTTER, THEISEN AND DRS. LAIRD, ROONEY AND ARCHAMBAULT.

Theory and Practice. Prof. Ward delivers a systematic course of lectures to the third and fourth year classes, and Prof. Van Rensselaer to the second and third year classes. Prof. Hun conducts each week a medical conference in which students report cases which they have seen and examined and these reports are criticised by the class. These courses are supplemented by study in a standard text-book; weekly recitations are held on the subject matter of the lectures, and a course upon gastro-enteric diseases is given by Prof. Neuman to the fourth year class. Hygiene is taught in lectures which have special reference to the needs of the general practitioner.

Clinical Medicine. Prof. Ward holds a medical clinic each week, at the Albany Hospital, and Prof. Hun each week, at St. Peter's Hospital, before the third and fourth year classes. In these clinics students have opportunities to examine cases, their examination and diagnosis being criticised by the professor.

Neurology, Insanity and Medical Jurisprudence. The instruction in neurology extends over three years. It commences in the second year during which Prof. Gordinier gives each week an illustrated lecture on the anatomy and physiology, and Dr. Archambault a laboratory exercise of two hours a week, devoted to the gross and microscopic study of the normal and pathological anatomy of the nervous system. The third and fourth year classes are taught by Prof. Hun. During the third year the class attends one didactic and one clinical lecture and one recitation on diseases of the nervous system each week throughout the year and a demonstrative lecture on electro-therapeutics during one-half of the year. During the fourth year the students attend one didactic and one clinical lecture, and one recitation on diseases of the nervous system each week throughout the year. Each patient exhibited is assigned to two students, who having examined him previously, report on the case at the clinical lecture. During the fourth year also, the class being divided into small groups, each student is trained in the out-patient department in the methods of examination of patients. Practical work in the administration of electricity is also given to each student during the fourth year, the class being divided into sections.

Insanity: The fourth year class, divided into sections, receives clinical instruction under Cl. Prof. Mosher in mental disorders in the wards of Pavilion F at the Albany Hospital.

Medical jurisprudence is taught by weekly didactic lectures during one-half of the year.

Diseases of the Skin. Prof. Curtis presents this subject in the clinical courses and illustrates it fully by the exhibition of cases and plates.

Diseases of the Throat and Nose. This subject is presented in the clinical courses by Prof. Root and Cl. Prof. Theisen in such manner that the student is familiarized with the diseases of these parts and made acquainted with the various methods for the examination and treatment of laryngeal and nasal disorders, individual instruction being given to each student.

Physical diagnosis. The third year class, divided into sections, are taught the principles of physical diagnosis in the examination of the body both in health and disease under Prof. MacFarlane.

Clinical Microscopy. The third year class, in sections, have practical laboratory work in microscopy, including the examination of the urine, blood, sputum, pus, and cultures from cases of true and false diphtheria for clinical diagnosis.

Surgery

PROFS. VANDER VEER, MERRILL, MORROW AND MACDONALD; CL. PROFS. BENDELL, E. A. VANDER VEER, ELTING AND SAUTTER AND DRs. MOORE, HOLDING, J. N. VANDER VEER, BEDELL AND WILTSE.

In the lectures on surgical pathology, the method by which tissues are nourished in health having been discussed, the subjects of hypertrophy and atrophy are taken up, and then attention is given to the pathology of the methods by which wounds heal, and to the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicemia, pyemia, sapremia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, in which students should be well grounded during the college course. The course in operative surgery, by Prof. Morrow, is thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon a cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of diagrams and specimens. The subject of modern aseptic surgery in all that pertains to

the knowledge and direct application of the same will be presented in the various operations. During the term students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject is treated practically in a course of lectures in which the various fractures and dislocations are illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, is taught in the lecture room, followed by clinical instruction at the hospital, students being required to examine and diagnose injuries, and to select, prepare and apply proper dressings for reduction and the retention of the appliances used. A very complete Roentgen ray apparatus is employed and its use is taught in every detail by frequent demonstrations.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of various operations. The eye and ear clinics are held every Monday and Friday at noon during the year.

Orthopedic Surgery is taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

Genito-Urinary Diseases. Diseases of the genito-urinary system are taught in the fourth year by lectures and practical exercises in clinical instruction, the sections of the class doing actual consultation work and discussing the cases exhibited. The groundwork of this subject is taught in the various clinics, including actual handling of cases and the use of the cystoscope, segregator, endoscope, ureteral catheterization and functional diagnostic work on the kidneys by means of the various tests. In this way students are made familiar with the various clinical reasonings whereby surgical diagnoses and prognoses are arrived at and proper treatment determined.

Obstetrics, Gynecology and Diseases of Children

PROF. BOYD; CL. PROFS. LIPES, SAMPSON, LOCHNER AND SHAW.

These subjects are treated in courses of didactic and clinical lectures on the science and art of obstetrics; on gynecology, and on the diseases of children. Recitations are held weekly during the term. In addition to the clinical lectures on gynecology, practical instruction is given the members of the senior class at the Albany Hospital and the South End Dispensary. Members of the senior class are required each to attend a certain number of

cases of labor. Practical instruction in obstetrics is given at the Albany Hospital and also in the obstetric department of the Albany Guild for the Care of the Sick. Clinical material for the course in pediatrics is obtained from the Child's Hospital, St. Margaret's House for Infants, the Albany Orphan Asylum, the Lathrop Memorial, the dispensary of the Albany Hospital and the South End Dispensary. A course is given at the Bender Laboratory in obstetrical and gynecological histology, embryology and pathology, including the examination of uterine scrapings. Practical laboratory work is supplemented by lantern slide demonstrations and the exhibition of suitable specimens.

Chemistry

PROF. TUCKER, AD. PROF. MYERS AND MR. LARKIN

The courses in this department include lectures upon the principles of chemistry; the non-metals, and metals, with their more important medicinal compounds; and organic and physiological chemistry, which is very fully treated, including urinalysis and toxicology. Pharmacopoeial compounds receive especial attention, and considerable time is given to the chemical examination of potable water and other matters pertaining to sanitary chemistry as related to water supply, sewage disposal, ventilation, disinfection, food adulteration and kindred topics. Inorganic chemistry is studied during the first half of the first year, and organic chemistry, to the aromatic compounds, during the second half of this year. In the second year organic chemistry is completed in the first half of the year and the study of physiological chemistry is pursued during the latter half of the year in the laboratory. The lectures are abundantly illustrated and recitations are held in each department.

Anatomy

PROFS. CRAIG, GORDINIER AND ORDWAY AND DRs. LOMAX AND LEMPE.

The course in anatomy consists of didactic lectures and recitations, with illustrations and demonstrations from the human subject and preparations from the museum. The course extends through the first and second years. Students are also required to take practical courses during the first and second years on those systems which are lectured upon during those years and to dissect during the second year under the demonstrator of anatomy and assistants not less than the lateral half of a human cadaver. While systematic anatomy is made the basis of study for the first and second years, the practical application of anatomy to medicine and surgery is explained in the didactic lectures, and regional anatomy given prominent consideration in the dissecting-room

work. An ample supply of carefully preserved material is available and the dissecting and recitation rooms are well lighted and equipped. An endeavor is made to make the entire course in anatomy practical, consistent and useful, and to assist the student in laying a broad foundation of anatomical knowledge on which to build future courses in didactic and clinical medicine and surgery.

Histology is taught by practical laboratory work as elsewhere described.

Materia Medica, Pharmacology and Therapeutics

PROF. VAN RENSSELAER; ADJ. PROF. DAWES; CL. PROF. MOSHER AND ADJ. PROF. MYERS.

The didactic lectures on materia medica are illustrated by all the official crude drugs, together with prints and specimens of the various official compounds and preparations. In addition there has been added a practical course, in which the organic crude drugs are carefully studied in detail and instruction is given in the methods used in compounding the various important pharmacopoeial preparations. The pharmacological action of many of the important drugs is likewise shown experimentally. In the lectures on therapeutics, which extend through the second and third years, a course is given on prescription writing; and a comprehensive study of the therapeutics of drugs by classes is made. Special attention is given to the demonstration of the action of therapeutic agents, and to the methods of their administration.

During the third year the presentation of the different means and methods of medication resorted to in the treatment of disease is continued, and a separate course on physiological therapeutics is added, including Swedish movements, massage, ærotherapeutics, climatology, hydrotherapeutics, balneotherapy, dietetics, hypnotism, the rest cure, etc. A special course is given in electrotherapeutics. Recitations are held weekly.

Physiology

PROF. GORDINIER AND ADJ. PROF. MYERS.

Didactic and experimental lectures are given upon this subject to the first and second year classes throughout the college term. These lectures are profusely illustrated by the aid of a projectoscope and lantern, portable microscopes, models and diagrams. Special attention is paid to the physiology of the circulation, digestion, absorption, secretions, animal heat and metabolism. A large part of the lectures to the second year class by Prof. Gordinier are devoted to the very modern physiology of the nervous system and localization.

The experimental physiology forms a systematic and graded course, extending through the first year and half the second. Special importance is placed upon the student observing for himself and understanding the fundamental facts of physiology. Further mention of the course is made elsewhere.

PRACTICAL CLINICAL COURSES

In order to familiarize students with the practical work of their profession, and to bring them into closer personal contact with patients, the fourth year class is divided into sections of eight or ten men, and on four days in each week each man devotes several hours to the examination and personal observation, under the supervision of the instructors, of patients in the wards and out-patient departments of the various hospitals and dispensaries. In this clinical work especial attention is devoted to the complete examination of the blood, urine, sputum and stomach contents, as well as to the special examination of the eye, ear and other organs. Thus in the course of the school year the men in each section acquire practical knowledge and technical diagnostic dexterity in general medicine, general surgery, gynecology, dermatology, neurology, insanity, otology, laryngology, ophthalmology, rhinology, diseases of children and infants, infant feeding, diseases of the rectum and genito-urinary tract, operative surgery, orthopedic surgery, clinical and operative obstetrics, electrotherapeutics and medical technic.

LABORATORIES

Practical Chemistry

The chemical laboratory is well furnished, conveniently arranged and supplied with all necessary apparatus. The laboratory course is preceded, since although some knowledge of chemistry is highly desirable none is now *required* at entrance, by a series of lessons upon chemical nomenclature, notation and the essential principles of theoretical chemistry, including the laws of combination and valence, and these subjects are therefore more briefly treated in the regular lecture course. The practical laboratory work includes tests for those metals and acids, which, in combination, are important as constituents of medicinal compounds or as poisons, together with the separation of the chief groups,

volumetric analysis, the examination of unknown substances and toxicology. All chemical reactions are written upon the black-board, discussed by the class, and entered upon their notes.

Experimental Physiology and Physiological Chemistry

The object of the course in practical physiology is to have the student formulate for himself ideas with regard to the normal working of the animal body. The laboratory work is introduced by an elementary consideration of the cell and its functions, ciliary motions, etc. This is followed by a detailed study of the phenomenon of contraction. The remainder of the first year is then devoted to a very careful consideration of the physiology of digestion and nutrition. Among other things the physiological functions of the salivary, gastric, pancreatic and liver secretions are demonstrated and studied by means of artificial fistulae. The course is continued during the second year with a careful study of the circulation, respiration, and the physiology of the nervous system. Finally the attention of the class is directed to the physiological action of many of the more important drugs.

After the Christmas vacation the study of physiological chemistry is begun. Laboratory work in this subject consists in the isolation, preparation and identification by tests, of the various important proteins, fats and carbohydrates. The composition of the tissues and organs is next studied with special reference to their most important constituents; the chemistry of digestion, secretion and excretion then receives attention in relation to the several physiological processes involved. Finally there follows a thorough course in qualitative and quantitative urinalysis. The student is provided with a syllabus of the lectures and laboratory work and required to keep systematic notes of all lectures and experiments actually performed. The practical work is interspersed with lectures and recitations.

Histology, Pathology, Bacteriology and Clinical Microscopy

Work in these departments is carried on in the Bender Hygienic Laboratory, on Lake Avenue, near the Albany Hospital.

This building was erected by the late Matthew W. Bender of Albany, and is thoroughly equipped with the apparatus necessary for the study of histology, pathology, bacteriology and clinical microscopy. Practical work in these branches is obligatory upon all students, and abundant opportunity is furnished in the laboratory for acquiring a thorough knowledge of these important subjects. An electric lantern which is adapted to the projection of pictures and microscopic preparations as well as lantern slides is used to supplement the more practical methods of demonstration.

Histology. The work consists of explanatory talks covering the subject of the day's study, followed by practical exercises in the laboratory.

Bacteriology. The work consists of lectures followed by practical laboratory exercises. It is intended to render the student familiar with the underlying principles of bacteriology and their application to clinical medicine and surgery.

Pathology. The work consists of a short lecture on the subject under discussion for the day followed by practical exercises in pathological anatomy and histology. Besides this the students are instructed in the technique of making autopsies, and examine material from autopsies and surgical operations. Demonstrations in experimental pathology are introduced whenever possible.

Clinical Microscopy. The course consists of preliminary talks followed by practical work in the examination of blood, urine, sputum, fæces, stomach contents, exudates, etc.; and includes a short course in clinical bacteriology.

In all these courses the student is taught independent methods of work and is required to keep a permanent record, illustrated by drawings, of all laboratory exercises.

A limited number of students who have shown proper aptitude are offered the opportunity to work along more advanced lines.

For the alumni of this school, and for physicians in the vicinity, this laboratory offers excellent facilities for the examination of urine, sputum, pathological specimens and blood. Information regarding such examinations may be obtained by communicating with Dr. Thomas Ordway, Director, Bender Laboratory, South Lake Avenue, Albany.

ENTRANCE REQUIREMENTS

All matriculates must secure 60 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 15 academic counts and must be made up before the student begins the second annual course counted toward the degree.

Some knowledge of physics, chemistry, biology, Latin and German is especially desirable and students are advised to select these subjects in their preparatory courses.

Medical Student Certificate—When all requirements are fulfilled, the regents issue a medical student certificate which the candidate must file with the Registrar of the college.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college. (See pages 37-39.)

FEES AND EXPENSES

Fees, excepting the final examination fee, are payable each year in advance, are not returnable, and are as follows:

FIRST YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Chemical Laboratory	10 00
Histological Laboratory	10 00
Dissection (including material)	5 00
	\$130 00
SECOND YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Dissection (including material)	10 00
Bacteriological and Pathological Laboratory	15 00
Physiological Chemistry and Experimental Physiology ..	15 00
	145 00
THIRD YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Clinical Microscopy, Surgical and Obstetrical Pathology..	15 00
	120 00
FOURTH YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Final Examination	25 00
	130 00

In addition to the fees above stated, an annual charge of two dollars is made to members of the first, second and third year classes, for the use of microscopes and other apparatus. This fee is paid to the director at the Bender Laboratory after laboratory tickets have been issued by the registrar. For the laboratory work in physiological chemistry there is a fee of two dollars to cover use of apparatus and breakage payable to the director at the beginning of the session. There is also a fee of five dollars paid by members of the fourth year class to the Guild for the Care of the Sick for the course in practical obstetrics.

The payment of three hundred dollars in advance entitles to attendance upon four courses of lectures, exclusive of laboratory and other special fees above stated, and effects a saving of one hundred dollars on the cost of the four year course, *but this ticket must be taken out within thirty days from date of matriculation, and notice is hereby given that the sale of this ticket will be discontinued after the session of 1910-11.* All other fees are payable strictly in advance except that the final examination fee may be paid at any time before the examinations begin. Graduates of the school may attend lectures and stated clinics without charge except for matriculation in case of prolonged attendance.

The cost of living in Albany is less than in most other cities of its size. A list of boarding houses is kept by the janitor, and also at the Students' Club, at which good rooms and board can be obtained at from four to five dollars a week or upwards, and by clubbing together students can live comfortably at still lower rates. No estimate can well be made of cost of text-books and other personal expenses since these of necessity vary greatly in different cases.

BOOKS RECOMMENDED

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE.
ANATOMY—Gray, Holden-Hewson.....	Cunningham, Piersol, Morris, Toldt's Atlas.
ANATOMY NERVOUS SYSTEM—Gordinier....	Edinger, Dejerine, Van Gehuchten.
HISTOLOGY—Ferguson.....	Schafer, Szymonowicz, Stohr.
PATHOLOGY—Stengel.....	Zeigler, Wells, Mallory and Wright.
BACTERIOLOGY—Park.....	Muir and Ritchie, McFarland, Flügge.
PHYSIOLOGY—Howell.....	Landois, Schaefer, Foster, Tigerstedt.
EXPER. PHYSIOL.—Alcock and Ellison.....	Beddard, Krehl, Busch, Brodie, Stewart.
MATERIA MEDICA—Stevens.....	Nat. Dispens., U. S. Phar., Nat. Formulary.
PHARMACOLOGY—Pembrey and Phillips....	Cushney, Sollmann, Dixon, Tyrode.
THERAPEUTICS—Hare.....	Foster.
ELECT.-THERAP. AND DIAG.—Turner, Mosher	Hedley.
THROAT AND NOSE—Kyle.....	Coakley, Shurley, Bosworth.
INORGAN. CHEM.—Sadtler and Coblentz....	Holland, Simon, Bartley, Witthaus.
ANALYTICAL CHEMISTRY—Laboratory Notes	Bartley Clin. Chem., Rockwood.
ORGANIC CHEMISTRY—Sadtler & Coblentz...	Bartley, Richter, Holland.
PHYSIOL. CHEMISTRY—Hawk.....	Long, Hammersten, C. E. Simon, Hoppe-Seyler.
MED. JURISPRUD. AND TOXICOL.—Reese....	Hamilton, Wormley, Herold, Autenrieth.
CHEMISTRY OF URINE—Tyson.....	Saxe, Purdy.
THEORY AND PRACTICE—Anders.....	Osler, Thompson, Tyson, Wood and Fitz, Edwards and Hare, Forcheimer.
GASTRO-ENTERIC DISEASES—Hemmeter....	Boaz.
PHYS. DIAG.—Musser, MacFarlane.....	Le Fevre, Anders.
CLIN. MICROSCOPY—Emerson.....	Wood, Simon, Boston.
HYGIENE—Bergey.....	Harrington, Rohé and Robin.
MENTAL DISEASES—Syllabus.....	Clouston.
DERMATOLOGY—Jackson.....	Hyde, Crocker, Schamberg, Van Harlingen.
NEUROLOGY—Hun's Syllabus.....	Starr, Church & Peterson, Jakob's Atlas.
HISTORY OF MEDICINE—Park.....	Baas.
FRAC. AND DISLOCATIONS—Stimson.....	Hamilton, Scudder.
PRIN. AND PRAC. SURG.—Am. Text Book...	Parks, Wharton and Curtis, Da-Costa, Fowler, Rose and Carless, Lexter-Bevan.
SURGICAL PATHOLOGY—Warren.....	Billroth-Winiwarter, Senn.
OPERATIVE SURGERY—Bryant.....	Kocher, Stimson, Smith, Binnie.
ASEPTIC TREATMENT WOUNDS—Beck.....	Thornbury.
SYPHILIS AND GEN. URIN.—White & Martin	Keyes, Morrow, Taylor, Casper, Morton.
SURGICAL DIAGNOSIS—Berg.....	Eisendrath, Albert. Martin.
MINOR SURGERY—Wharton.....	
ORTHOPEDIC SURGERY—Bradford & Lovett.	Young, Whitman.
OPHTHALMOLOGY—May.....	Fuchs, DeSchweinitz.
OTOLOGY—Barnhill & Wales.....	Dench, Politzer.
OBSTETRICS—Jewett.....	King, Williams.
GYNECOLOGY—Sampson.....	Hirst, Kelly's Med. Gynecology.
DISEASES OF CHILDREN—Holt.....	Rotch, Koplik Kerley, Pfaundler and Schlossman (Shaw).
DICTIONARY—Dorland Illust. Med. Dictionary, Gould, Dunglison Medical Lexicon.	

PRIZES AND HOSPITAL APPOINTMENTS

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M. D., for many years a professor in this college. It consists of a good clinical microscope and is awarded to the senior student passing the best bedside examination in general medicine.

Professors Vander Veer and Macdonald offer a prize of seventy-five dollars for the best report of the surgical clinics held during the session, and Professor Morrow and Dr. Traver offer a prize of a complete pocket case of instruments for the second best report of these clinics.

Professor Merrill offers a prize consisting of an ophthalmoscope for the best final examination in ophthalmology.

The Townsend physiological prize, endowed by the late Prof. Franklin Townsend, Jr., M. D., is awarded to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the senior student passing the best final examinations in obstetrics.

A prize consisting of a case of surgical instruments, in memory of the late Dr. T. W. Nellis (A. M. C., '81), is offered by his brother, Dr. W. J. Nellis (A. M. C., '79), of Albany, to the senior student passing the best final examination.

A prize consisting of a Thoma haemocytometer is offered by Dr. Arthur J. Bedell to the senior student presenting the best report on the eye and ear clinics.

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

1. For the best "anatomical specimens," a first prize of sixty dollars, and a second prize of thirty dollars. The following are prescribed for 1911:

1. The lower third of a human radius and ulna with the bones of the carpus, metacarpus and phalanges prepared and mounted with catgut. A preparation of both right and left sides.

2. The lower third of the human tibia and fibula with the bones of the tarsus, metatarsus and phalanges prepared and mounted with catgut. A preparation of both right and left sides.

3. A human sphenoid, ethmoid and palate bone.

4. Wet preparation properly displayed of the human tongue and larynx in continuity.

5. Corrosive specimen of right kidney showing arteries, veins and ducts, prepared by a method to be furnished by the professor of anatomy.

Preparations must be ready to be deposited with the professor of anatomy by May 9, 1911. All specimens submitted in competition for the prizes are to be 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 sixty dollars, and a second prize of thirty dollars, these prizes restricted to members of the graduating class.

At or about the close of each session, vacancies occur in the house staffs of the Albany and other hospitals and these are filled by competitive examinations, open to the members of the graduating class.

REQUIREMENTS FOR GRADUATION

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction during the period required by law in this state (see page 39, sec. 4), and he must present evidence of having complied with the law concerning preliminary examination (see pages 37-39).

He must have attended not less than four regular courses of lectures of which the last shall have been at this college.

Students who have attended one or more courses of lectures at other recognized medical colleges may be admitted to advanced standing in this college if they submit proper evidence of such attendance and a precise statement of subjects included in "Examination Departments," page 29, in which satisfactory final examinations have been passed, and comply with the requirements stated under "Examination Rules," page 30. No credit will be given for work done elsewhere in fourth year departments.

He must be of good moral character.

He must maintain a satisfactory standing during his course and pass a satisfactory final examination in the several branches taught.

Regular and punctual attendance is required, and matriculation tickets are endorsed with attendance at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,

July 1, 1910.

Albany, N. Y.

EXAMINATION DEPARTMENTS

First Year

1. Chemistry (inorganic, laboratory work and first half organic)
—Dr. Tucker and Mr. Larkin.
2. Anatomy and histology (including embryology)—Drs. Craig and Ordway.
3. Materia medica—Drs. Van Rensselaer and Dawes.
4. Physiology (including experimental physiology)—Dr. Gordinier.

Second Year

1. Chemistry (last half organic, toxicology and physiological chemistry)—Drs. Tucker and Myers.
2. Anatomy (and of the nervous system)—Drs. Craig and Gordinier.
3. Bacteriology and pathology (including surgical pathology)—
Dr. Ordway.
4. Therapeutics and practice—Dr. Van Rensselaer.
5. Physiology (including experimental physiology)—Drs. Gordinier and Myers.

Third Year

1. Therapeutics (including electro-therapeutics)—Drs. Van Rensselaer and Mosher.
2. Theory and practice (and hygiene)—Drs. Van Rensselaer, Ward and Rooney.
3. Surgery (including operative, and fractures and dislocations)
—Drs. Vander Veer, Morrow and Macdonald.
4. Obstetrics, pediatrics and gynecology—Drs. Boyd, Lipes and Sampson.
5. Neurology and diagnosis (including clinical microscopy, physical diagnosis and medical jurisprudence)—Drs. Hun, Macfarlane and Ordway.

Fourth Year

1. Theory and Practice—Drs. Ward and Neuman.
2. Surgery (including orthopedic)—Drs. Vander Veer, Morrow and Macdonald.
3. Obstetrics and gynecology—Drs. Boyd and Sampson.
4. Neurology and insanity—Drs. Hun and Mosher.
5. Eye and ear, dermatology and throat and nose—Drs. Merrill, Curtis, Root and Bendell.

EXAMINATION RULES

A student who, at the end of the college year, as the result of his work and examination combined, is deficient in three departments of the first year, or more than three departments of the second or third year, is debarred from continuing with his class and from commencing the work of the succeeding year and must repeat the year's work and is examined in *all* subjects at the end of the year.

A student not so debarred who fails in one or more departments is required to pass in October an examination in the studies (not departments) in which he has failed. In case he fails in this examination in more than one department he is debarred from continuing the work of the next higher year, but in case he fails in October in only one department he is allowed to continue with his class. In this connection a department means all that constitutes one separate examination and may include one or more studies or branches.

The examination of students of the first, second or third year classes who failed in one or more departments in the spring examinations is held in October (for 1910 in week beginning October 3) and students failing in this examination in only one department may take the examination in the following spring.

STUDENTS 1909-1910

Fourth Year

NAME	RESIDENCE
William David Aldrich	Wevertown
William Dewey Allen	Rensselaer
Wallace Joseph Charles Aubry, M. D.	Montreal, P. Q.
Wardner Daniel Ayer	Rensselaer
John Frederick Beiermeister	Troy
George Bibby	Pottersville
Claude Bledsoe	Gloversville
Cornellus Joseph Buckley, A. B.	Pittsfield, Mass.
John Bennett Burke	Troy
James Whitefield Byrne	Troy
Frank Gibson Calder	Freehold
Eugene Francis Connally	Troy
Arthur George Cooke	Johnstown
John Richard Devine	Troy
George Watson Dufty	Troy
John Arthur Farrell, Jr.	Rensselaer
Richard Berchmans Gray	Rensselaer
Henry Martin Grogan	Glcns Falls
Philip Conrad Hacker	Albany
Elwin Wallace Hannock	Albany
James Charles Hassall	Troy
Patrick Joseph Hirst	Mechanicville
William Knowlton Johnson	Schodack Landing
Walter Scott Lilienthal	Albany
Walter Edward Lundblad	Schenectady
Harold MacDonald	Watervliet
Edward Bartholomew Manion	Herkimer
Roy Jay Marshall	Gouverneur
John James McCall	Albany
John James McShane	Springfield Center
Howard Casper Murray	Herkimer
Charles Frederick Myers	Saratoga Springs
Augustus Charles Post	Catskill
George Bradford Randall	Albany
Willard Tipple Rivenburgh	Ghent
Leander George Rymph	Ulster Park
Saul Joseph Selkin	Albany
John Forrest Southwell	Keene, N. H.
John Albert Sullivan	Pittsfield, Mass.
Harold Augustus Traynor	Brushton
Harry Franklin Van Loon	Albany
John Edmund White	Philmont

Third Year

NAME	RESIDENCE
Martin Joseph A'Hearn	Saratoga Springs
Antonio Martinez Alvarez	San Juan, Porto Rico
La Verne Adelbert Bouton	Fultonville
Milton Gardner Burch	North Adams, Mass.
Michael Ercole De Luca.....	Troy
Ray Manier Eaton	North Adams, Mass.
Percy Henry Finch	Broadalbin
Walter Clayton Fox	Troy
Frederick Joseph Garlick.....	Fall River, Mass.
Bertram Wesley Gifford	Masonville
Clayton Longueville Gifford.....	Valley Falls
George Mills Glenn	Auriesville
James Joseph Hart.....	Rensselaer
Irwin Johnston	Watervliet
William Neely Keith, A. B.	Newton, Pa.
Frederick Louis Kreicker	Troy
Arthur Krida	Schenectady
Harold Arthur Lucas.....	Rensselaer
Thomas William Maloney	Waterloo
Charles Edward Maxwell.....	Saratoga Springs
William Edward McCormick.....	Albany
John Ashby McElwain.....	Cohoes
Maurice James McGrath.....	Ogdensburg
Walter Daniel McKenna.....	Troy
Horace Clifford Montgomery.....	Waddington
Frank Mathias Neuendorf	Albany
Henry Joseph Noerling.....	Albany
Edmond Joseph O'Donnell.....	New York
Abraham Lewis Olshansky.....	Albany
Chauncey Butler Packard	Troy
Ralph Baker Post.....	Catskill
Peter Francis Purcell.....	Salem
Francis Bernard Quinlan.....	Glens Falls
William Francis Rafferty.....	Rensselaer
Hiram Burdette Riggs.....	Canajoharie
Scott Booth Schleiermacher.....	Bloomington
Emil John Senn.....	Schenectady
William Thomas Shields, Jr.	Albany
William James Sweeney.....	Newburg
Abraham Phineas Terk.....	Troy
Arthur Eddy Wells.....	Schenectady
Arthur Hastings Wheeler.....	Troy
Melvin Thomas Woodhead.....	Amsterdam

Second Year

Max Alonzo Almy.....	Corning
Horace Edward Auringer.....	Cohoes
Bertram Truman Baker.....	Warrensburg
Clifton Bogardus	Catskill
John Lawrence Both.....	Lawrence
Joseph Henry Bowers.....	Albany
†William Bertram Butts	Albany
John Joseph Cahill.....	Sandy Hill
Rufus Baker Crain.....	Richfield Springs

†Special course.

NAME	RESIDENCE
Alton Brooks Daley	Coxsackie
Sol Charles Davidson.....	Rochester
John Lounsbury Edwards.....	Randall
Louis Marcus Friedman.....	Bayonne, N. J.
George Augustine Green.....	Mechanicville
Paul Pattengill Gregory.....	Welcome
Walter Robert Grunewald.....	Gloversville
John Duncan Gulick.....	Cranbury, N. J.
Vasileos Michael Koundourianes, B. A.	Albany
Royal Estabrook La Grange.....	East Beekmantown
Albert Lenz	Johnstown
Norman Howe Liberty.....	Ticonderoga
Charles Immanuel Loebke.....	Troy
William Edgar Low, Jr.	Catskill
Donald Angus MacDuffie.....	Olean
Domenico Carlantonio Mauro.....	Gloversville
William Thomas McCormick.....	Greenwood
Joseph Ambrose McPhillips.....	The Glen
Abraham Metzner	Glens Falls
Ward Winthrop Millias, Ph. B.	Castleton
James Henry Mitchell, Jr.	Cohoes
Floyd Hazard Moore.....	Herkimer
Clarence Edmond Mullens.....	Albany
Homer Hollett Oaksford.....	Gloversville
Daniel Francis O'Keeffe.....	Hadley
Daniel von Tobiasi Read.....	Monck's Corner, S. C.
Fred Lester Ritter	Albany
Michael Augustine Rogers.....	Schuylerville
William Henry Seward.....	Amsterdam
George Aaron Sharp.....	Westfield, Mass.
Charles Edward Stott.....	Albany
Sterling Wallace Todd.....	Hyde Park
William Trotter	Troy
James John Walsh.....	Waterloo
Floyd Alberti Weed	Catskill
Jerry West	Gallupville
Ira Condict Whitehead, Jr.	Albany
Charles Wesley Woodall.....	Delmar

First Year

William Alfred Ackroyd	Albany
Wesley Mason Adams.....	Westford
Glen Beecher.....	Granville
Morris Bryan Beecroft.....	Schaghticoke
Orvis Adoniram Brenenstuhl.....	Petersburg
Darwin Alfred Bruce.....	Albany
John Leonard Byrnes.....	Schenectady
Daniel Francis Carmody.....	Albany
William Henry Casey.....	Troy
Garrett Marcellus Clowe.....	Schenectady
Clarence Cohen	Hempstead
Nathaniel Crost	Saratoga Springs
Burke Diefendorf	Fort Plain
Jacob Drooz	Albany
Dwight Guilford Dudley.....	Maine
Harold LaForrest Ellis	Westfield, Mass.

NAME	RESIDENCE
†Charles Optimus England.....	Utica
Albert Stuart Ferguson	Schenectady
Hugh Vincent Foley	Watervliet
George Victor Genzmer.....	Pittsfield, Mass.
Elmer Ray Gladstone.....	Shavertown
Hugh Sewell Gregory.....	Horseheads
Edward Bowen Houghton.....	Albany
Guy Swinburne Houghton, A. B.	Albany
Harry Smith Howard.....	Albany
Alson Joy Hull.....	Williamstown, Mass.
Eugene Fellner Hull.....	Berlin
Ray Holly Humphrey.....	Rensselaer
Florizel Janvier	Tinmouth, Vt.
William James Jones.....	Amsterdam
Whitney Hotaling Joyce.....	Unadilla
*Donald Harvey Kinloch.....	Troy
Clarence Giles Kirby.....	Nassau
William Herman Ladue.....	Beekmantown
Roy Ludlum Lippincott.....	Campbell Hall
John Wellington Mambert	Churchtown
Schuyler McCulloch Martin.....	Albany
Raymond Francis McAloon.....	Keeseville
James McDermott, Jr.	Schenectady
John Deering McGuire.....	Arctic, R. I.
Vincent Martin Myers.....	Mechanicville
Michael Edward Nolan.....	Eagle Bridge
Henry Bernard O'Keefe.....	Luzerne
Vincent John Thomas O'Neill.....	Highland Falls
Elmer Harrison Ormsby.....	South Glens Falls
John Swart Parker	Oneonta
Robert Edward Plunkett	Troy
William Carl Rausch, Jr.	Albany
Conrad Aloysius Rissberger	Albany
Ernest Charles Schultz	Schenectady
Woodard Shaw	West Hebron
Walter Joseph Smith.....	Port Leyden
John Michael Sullivan.....	Long Lake
Axel Fridolf Swanson	Southampton, Mass.
Harry John Tate	Pittsfield, Mass.
John Daniel Tidaback	Bloomfield, N. J.
Harold Filkins Timmerman.....	Amsterdam
Harold Dwyer Tobin	Chateaugay
Guy Brownell Van Alstine	Canajoharie
*William Irving Walsh.....	Troy
Willard Elmer Wheelock.....	Canajoharie
Frank John Williams	Utica
Bartlett Rich Willson.....	Albany
Louis Frederick Yavits.....	Schenectady

*Matriculant only.

†Part of course.

SUMMARY

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GRADUATES OF 1910

Commencement Exercises Held at Odd Fellows' Hall,
Tuesday, May 17, 1910

NAME	RESIDENCE
William David Aldrich	Wevertown, N. Y.
William Dewey Allen	Rensselaer, N. Y.
Wallace Joseph Charles Aubry, M. D.	Montreal, P. Q.
Wardner Daniel Ayer	Rensselaer, N. Y.
John Frederick Beiermeister	Troy, N. Y.
George Bibby	Pottersville, N. Y.
Claude Bledsoe	Gloversville, N. Y.
Cornelius Joseph Buckley, A. B.	Pittsfield, Mass.
John Bennett Burke	Troy, N. Y.
James Whitefield Byrne	Troy, N. Y.
Frank Gibson Calder	Freehold, N. Y.
Eugene Francis Connally	Troy, N. Y.
Arthur George Cooke	Johnstown, N. Y.
John Richard Devine	Troy, N. Y.
George Watson Dufty	Troy, N. Y.
John Arthur Farrell, Jr.	Rensselaer, N. Y.
Richard Berchmans Gray	Rensselaer, N. Y.
Henry Martin Grogan	Warrensburg, N. Y.
Philip Conrad Hacker	Albany, N. Y.
Elwin Wallace Haddock	Albany, N. Y.
James Charles Hassall	Troy, N. Y.
Patrick Joseph Hirst	Mechanicville, N. Y.
William Knowlton Johnson	Schodack Landing, N. Y.
Walter Scott Lilienthal	Albany, N. Y.
Walter Edward Lundblad	Schenectady, N. Y.
Harold MacDonald	Watervliet, N. Y.
Edward Bartholomew Manion	Herkimer, N. Y.
Roy Jay Marshall	Gouverneur, N. Y.
John James McCall	Albany, N. Y.
John James McShane	Springfield Center, N. Y.
Howard Casper Murray	Herkimer, N. Y.
Charles Frederick Myers	Saratoga Springs, N. Y.
George Bradford Randall	Albany, N. Y.
Willard Tipple Rivenburgh	Ghent, N. Y.
Leander George Rymph	Ulster Park, N. Y.
Saul Joseph Selkin	Albany, N. Y.
John Forrest Southwell	Keene, N. H.
John Albert Sullivan	Pittsfield, Mass.
Harold Augustus Traynor	Brushton, N. Y.
Harry Franklin Van Loon	Albany, N. Y.
John Edmund White	Philmont, N. Y.

PRIZES AND HOSPITAL APPOINTMENTS

1910

Vander Poel prize, for best bedside examination in general medicine, to Dr. George W. Dufty. Honorable mention to Dr. Walter S. Lilienthal.

Vander Veer-Macdonald prize, for best report of surgical clinics to Dr. Wardner D. Ayer.

Morrow-Traver prize, for second best report, to Dr. John F. Beiermeister.

Merrill prize, for best final examination in ophthalmology, to Dr. James C. Hassall.

Townsend prize, for best examination in physiology at end of first year of study, to Mr. William J. Jones.

Boyd prize, for best final examination in obstetrics, to Dr. William D. Allen.

Nellis prize, for best final senior examination, to Dr. Walter S. Lilienthal. Honorable mention to Dr. William D. Allen.

Daggett trust prizes, for best anatomical preparations, to Mr. Frank M. Neuendorf.

Daggett trust prizes, for the best deportment, first to Dr. George Bibby; second to Dr. George W. Dufty.

Bedell prize, for best report of eye and ear clinics, to Dr. Charles F. Myers. Appointed Essayist for 1911, Percy H. Finch; alternate, A. Martinez Alvarez.

ALBANY HOSPITAL APPOINTMENTS—Drs. Walter S. Lilienthal, William D. Allen, George W. Dufty, George Bibby, Frank G. Calder, John A. Farrell, Jr., William D. Aldrich, Harold MacDonald, Jr., and John E. White.

ST. PETER'S HOSPITAL—Drs. John F. Southwell, Wardner D. Ayer, Richard B. Gray and Claude Bledsoe.

HOMEOPATHIC HOSPITAL, Albany—Drs. Harry F. Van Loon, George B. Randall and William K. Johnson.

TROY HOSPITAL—Drs. John J. McShane, John B. Burke, James W. Byrne and Henry M. Grogan.

SAMARITAN HOSPITAL, Troy.—Drs. John R. Devine; Eugene F. Connally and Willard T. Rivenburgh.

ELLIS HOSPITAL, Schenectady—Dr. Howard C. Murray.

PHYSICIANS' HOSPITAL, Schenectady—Dr. Philip C. Hacker.

COHOES HOSPITAL—Dr. Roy J. Marshall.

HOSPITAL FOR RUPTURED AND CRIPPLED, New York City—Dr. Elwin W. Hannock.

ROCHESTER CITY HOSPITAL—Dr. John F. Beiermeister.

MANHATTAN STATE HOSPITAL—Dr. Leander G. Rymph.

MEDICAL STUDENT EXAMINATIONS

FROM CONSOLIDATED LAWS OF 1909, CH. 44.

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 unless matriculated conditionally as hereinafter specified, he had either graduated from a registered college or satisfactorily completed a full course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or held a regents' medical student certificate; or passed regents' examinations securing 60 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally as hereinafter specified. A medical school may matriculate conditionally a student deficient in not more than one year's academic work or 15 counts of the preliminary education requirement provided the name and deficiency of each student so matriculated be filed at the regents' office within three months after matriculation, and that the deficiency be made up before the student begins the second annual medical course counted toward the degree.

Notes on the Law

1. All matriculates must secure 60 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 15 academic counts and must be made up before the student begins the second annual course counted toward the degree.

a. Partial equivalents may be accepted for the medical student certificates; i. e., evidence of completion in an approved school of one or more full years of high school work and regents' examinations in additional subjects representing the balance of the required four-year course.

b. Regents' examinations in the second or third year of any foreign language will be accepted as including the preceding years in those courses.

c. Candidates unable to offer certificates of the required academic work in a registered institution may present evidence to the regents that they had the required preliminary education before beginning the second annual

course counted toward the degree, and may on passing regents' examinations receive their certificates as of the date when the preliminary work was completed.

2. The regents will accept as full equivalent to the required academic course any one of the following:

(a) A certificate of having successfully completed at least one full years' course of study in the collegiate department of any college or university, registered by the regents as maintaining a satisfactory standard.

(b) A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed academic course.

(c) Regents' passcards for any 60 academic counts, earned at 75% or over, or any regents' diploma.

(d) A certificate of graduation from any registered school in Germany, Austria, Russia, Italy, France or Spain. (For other countries see Handbook 23, Education Department.)

(e) Any credentials from a registered institution or from the Government in any state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy or from a registered Prussian gymnasium.

On April 26, 1906, the regents amended the rules so that a medical student certificate may be earned by passing in the Department's examinations English, at 75% or over, three years 10 counts; mathematics, two years (algebra and geometry) 10 counts; Latin, two years (grammar, composition and Caesar) 10 counts; science, two years (physics and chemistry) 10 counts; history, one year (American history and civics) 5 counts.

But all matriculants must secure 60 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally, as hereinbefore specified, when the deficiency must be made up before the student begins the second annual medical course counted toward the degree. (For further details see Handbook of Education Department.)

Candidates not attending schools in which regents' examinations are held should send notice at least ten days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Certificates without examinations—Candidates having credentials which can be accepted in place of an examination, should send them to the New York State Education Department. If accepted the proper certificates will be sent.

Sample papers—Unbound sample papers can be had for 10 cents for not exceeding ten subjects. The exact grounds covered by these examinations is shown in the *Regents' Academic Syllabus*, which is mailed prepaid for 25 cents.

Medical Student Certificate—When all requirements are fulfilled, the Regents grant on receipt of 25 cents a medical student certificate, which shows the subjects and their values.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college.

Dates of Regents' examinations for the academic year 1910-1911 ; 1910, September 19-21 ; 1911, January 16-20 ; June 12-16 ; September 18-20.

NOTE—September examinations will be held in Albany for medical students, and also in New York, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing Examinations Division, New York State Education Department, Albany N. Y.

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 (Form 1).
2. Certificate of moral character from not less than two physicians in good standing (Form 1).
3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state; 45 counts or equivalent before beginning first medical year, 60 counts or equivalent before beginning the second (Medical student certificate. See handbook No. 3, Examinations).
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," and as equivalent of the first year of

the fourth requirement, evidence of graduation from a registered college course provided that such college course shall have included not less than the minimum requirements prescribed by the regents for such admission to advanced standing.

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." (Form 2.) Original credentials are accepted from foreign candidates only.

6. The candidate must pass examinations in anatomy, physiology, hygiene, sanitation, chemistry, surgery, obstetrics, gynecology, pathology, bacteriology, and 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 license or diploma, conferring all rights and privileges of a regents' license issued after examination." Indorsements of Michigan, Ohio, Vermont, Delaware, Indiana, Utah and Wisconsin licenses are now possible.

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

8. In 1901 the medical law was amended, giving the regents power to admit conditionally to the licensing examinations in anatomy, physiology, hygiene and sanitation, and chemistry, applicants certified as having studied medicine not less than two full years, including two satisfactory courses of at least seven months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard; provided that such applicants are not under nineteen years of age, of good moral character, have the requisite preliminary education and pay the fee of \$25 [all first and second year examinations must have been passed and all college fees paid]; the final examinations in surgery, obstetrics and gynecology, pathology including bacteriology, and diagnosis to be met after having finished the full period of study and having received the medical degree.

Notes on the Law

1. Seventy-five per cent of correct answers is required in all subjects.
2. All subjects must be passed at the same examination, except as above.

NOTE—When a candidate for license has been rejected in but *one* topic and his total average in other six topics is at least 80, at subsequent examinations he shall be examined only in the topic in which he originally failed to receive the required (75) percentage.

3. All examinations must be conducted in the English language.

Medical Examinations

Examinations for license to practice medicine in this state will be held as follows:

DATES		PLACES
1910	1911	New York
Sept. 27-30	Jan. 31-Feb. 3	Albany
	May 23-26	Syracuse
	June 27-30	Buffalo
	Sept. 26-29	Each candidate is notified as to exact place

Daily Program

Morning 9:15

Afternoon 1:15

<i>Tuesday</i>	Anatomy.....	Physiology
<i>Wednesday</i> ...	Hygiene and sanitation	Chemistry
<i>Thursday</i>	Surgery.....	Obstetrics and gynecology
<i>Friday</i>	Pathology including bacteriology..	Diagnosis

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

STUDENTS' CLUB, BRANCH OF ALBANY Y. M. C. A.

Organized in 1906; its object being to deepen the spirituality of college men and encourage the most helpful and co-operative relationships between the students of Albany. Club rooms have been maintained yearly for students. This fall we purpose maintaining a real home for students, a Christian students' club house, where will be found the best of reading, a piano, pool table and comfortable sitting room. Board and room may be had here for an amount per week proportionate with actual cost of same.

Student committees will continue as heretofore. Bible and mission study classes will be organized to meet the needs of college men.

Students coming to Albany for their first year's work will be met at the respective colleges by club members who will gladly give any information, and assist all such men to find good rooming and boarding houses.

THE 1911 SKULL

The Senior Class announce that on or about January 1, 1911, they will publish the second volume of THE SKULL. The book will contain illustrations and literary material relating to the faculty, classes, fraternities, clubs and other matters of interest. THE SKULL board requests the cooperation of the students, faculty and alumni in making the book creditable to the college and interesting to its friends. Communications should be addressed to Milton G. Burch, Editor-in-chief; W. F. Rafferty, Business Manager, or Frank M. Neuendorf, Art Editor.

ALBANY LAW SCHOOL

DEPARTMENT OF LAW—UNION UNIVERSITY
ESTABLISHED 1851.

The law school occupies a building wholly devoted to its use. It is situated upon one of the finest avenues in the city in close proximity to the Capitol, State Law Library, Law courts, etc.

With the term ending June 9, 1910, the school completed its fifty-ninth year. Since its establishment upwards of six thousand students have attended its lectures and among its graduates are numbered many of the most successful and honorable members of the bench and bar, and of the executive departments of the country.

It has been and is the aim of the school to combine, as thoroughly as possible, the theoretical and practical in its scheme of instruction.

The local advantages of the city of Albany as the seat of a school of instruction in the law are unsurpassed.

The course leading to the degree of LL.B. is two years.

The course for students wishing to complete their studies preparatory to the bar examinations is one year preceded by two years in a law office.

The next course begins September 20, 1910.

For catalogues or further information, address

Albany Law School,

JOHN J. HUGHES, Secretary.

Albany, N. Y.

DUDLEY OBSERVATORY, ALBANY

The Dudley Observatory was founded in 1852. In 1874 it became, by act of the legislature, a department of Union University. It is located on Lake Avenue, southwest of Washington Park. Visitors are admitted only on Tuesday evenings, from 8 o'clock to 10, and on passes obtained from the members of the board of trustees.

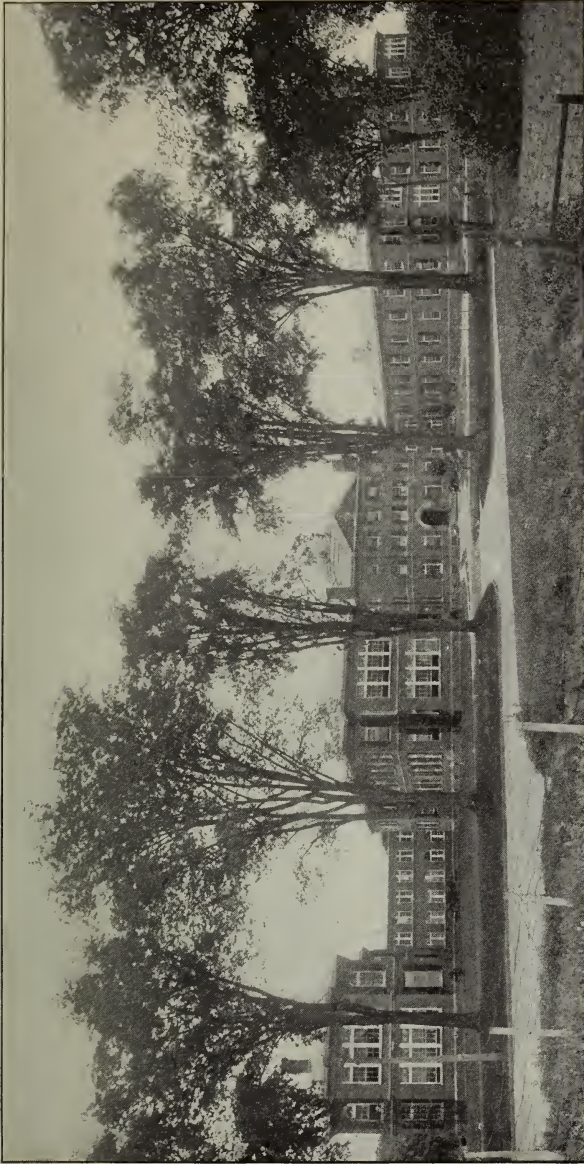
Instruction is given to special students.

For further information, address

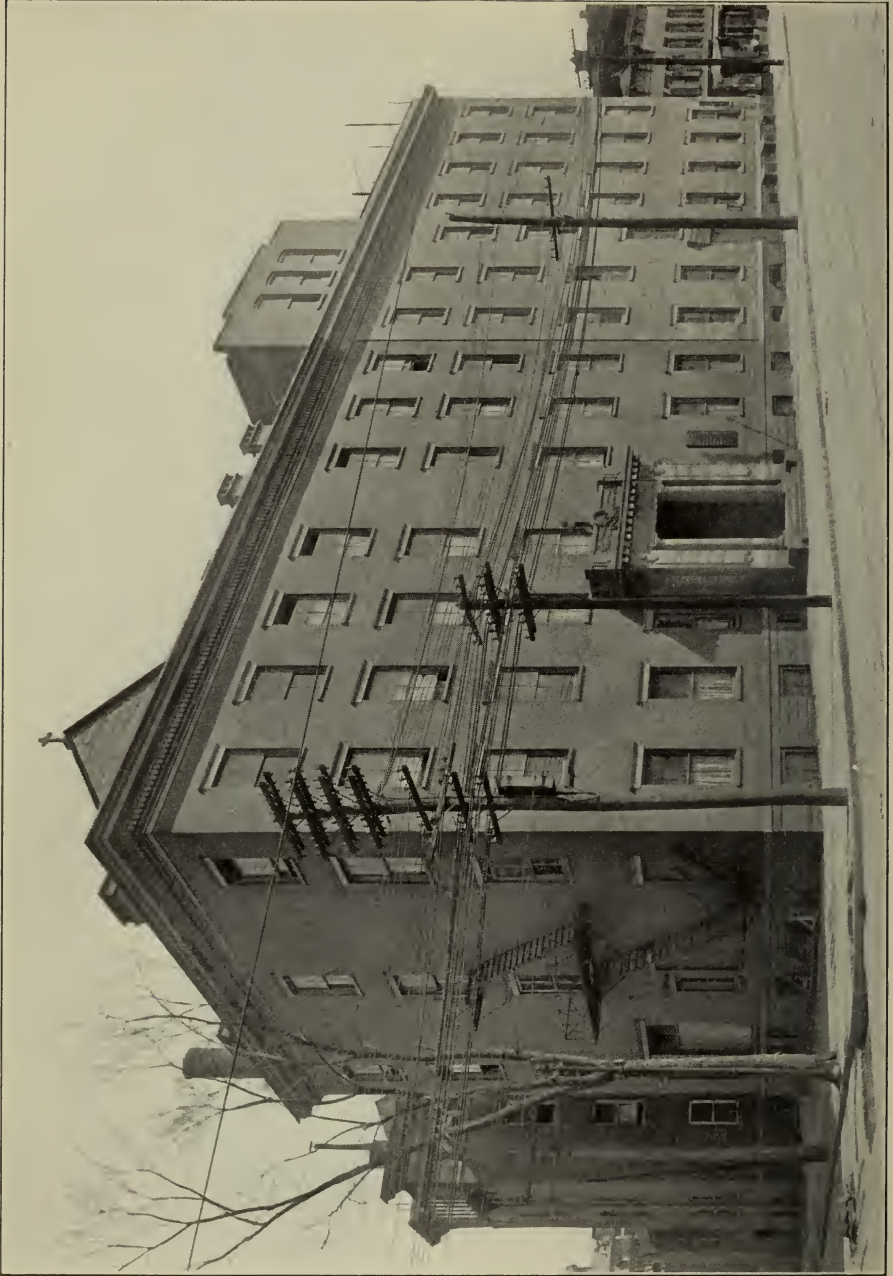
PROFESSOR LEWIS BOSS, LL.D.,

Director of the Dudley Observatory,

Albany, N. Y.



THE ALBANY HOSPITAL
Incorporated 1840



ST. PETER'S HOSPITAL

ALBANY MEDICAL ANNALS

The ALBANY MEDICAL ANNALS was established in 1880 for the purpose of recording the transactions of the Medical Society of the County of Albany, and items of medical interest to the medical profession generally. In 1891 the 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 yearly volume now consists of approximately nine hundred text pages.

The ANNALS is published on the first of every month. The subscription price is two dollars a year in advance.

Original articles, items of medical importance and correspondence upon topics of current interest are solicited.

Communications and subscriptions should be addressed

ALBANY MEDICAL ANNALS,
170 Washington Avenue, Albany, N. Y.

ALBANY HOSPITAL TRAINING SCHOOL FOR NURSES

The training school for nurses was organized in December, 1896, and incorporated in April, 1897. Its objects are the improvement of the nursing service in the Albany Hospital and the education of graduate nurses. A three year course of instruction has been adopted, including lectures by the members of the medical and surgical staffs of the hospital and other physicians, recitations to the Superintendent of Nurses, and practical ward instruction in the care of the sick and injured and in midwifery under the direction of graduate nurses.

Pupils are received as probationers, and after acceptance by the Superintendent of the Training School, enter upon the regular course of study.

No fees are charged for instruction, the services rendered in the wards of the hospitals being accepted as an equivalent. After the first three months an allowance of seven dollars a month for necessary expenses, clothing, books, etc., is granted the pupils of the school.

No applicants are considered who do not express their willingness and intention to remain throughout the full course of three years. For information address,

SUPERINTENDENT OF THE TRAINING SCHOOL,
Albany Hospital, Albany, N. Y.

UNION COLLEGE

The college offers undergraduate courses leading to the degrees of A. B., Ph. B., B. S., and B. E., as follows:

1. *Courses leading to the degree of A. B.*

COURSE A.—Greek is required for admission to this course. Latin and Greek are required for two years, and are elective for the remainder of the course.

COURSE B.—This course may be pursued by candidates who satisfy the requirements for admission to the Ph. B. course. Greek is begun on entrance and required for four years.

2. *Course leading to the degree of Ph. B.*

This course offers Latin without Greek.

3. *Course leading to the degree of B. S.*

This course is based upon the study of mathematics and sciences, with extended work in English and other modern languages.

4. *General Engineering course of four years leading to the degree of B. E.*

During the third and fourth years two alternative options are offered in this course:

Option A.—In which the fundamental principles of advanced technical subjects receive emphasis.

Option B.—In which studies are offered which lead to a training for engineering positions of an executive or administrative nature.

5. *General Engineering course of six years leading to the degrees of B. E. and Ph. B.*

This course combines the above four years Engineering courses No. 4, including both its options, with the Latin Scientific course, No. 2. The subjects of the two courses are interwoven throughout each term and the course thus offers in carefully arranged form a combined college and technical training.

6. *Sanitary Engineering course leading to the degree of B. E.*

7. *Electrical Engineering course leading to the degree of B. E.*

8. *Graduate course in General or in Sanitary Engineering leading to the degree of Master of Civil Engineering.*

9. *Graduate course in Electrical Engineering leading to the degree of Master of Electrical Engineering.*

Schenectady offers peculiar advantages to the student of engineering, and special facilities for the study of electrical engineering are afforded by the co-operation of the General Electric Company.

The fee for tuition is, in the academic courses, \$75 a year, and in the engineering courses, \$120 a year; room rent in the college dormitories is \$60 to \$75 a year additional. Board can be had for from \$4 to \$5 a week. Some scholarships are granted under conditions stated in the college catalogue.

Commencement occurs always on the second Wednesday of June. Fall term of 1910 begins September 19. Entrance examinations are held on the Thursday and Friday immediately following Commencement, and on the Monday, Wednesday and Thursday of the first week of the fall term.

For catalogue, address

SECRETARY OF THE FACULTY, UNION COLLEGE,
Schenectady, N. Y.

ALBANY COLLEGE OF PHARMACY

Department of Pharmacy, Union University

SESSION OF 1910-1911

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The thirtieth session will open on Monday, October 3, 1910, and close April 25, 1911. The college is centrally located at 43-45 Eagle Street. The classes in chemistry are held in the lecture rooms and laboratories of the Albany Medical College.

The following constitute the faculty:

CHARLES ALEXANDER RICHMOND, D. D.,

Chancellor of the University

WILLIS GAYLORD TUCKER, M. D., PH. D., DEAN

Professor of Chemistry and Toxicology

ALFRED BIRCH HUESTED, M. D., PH. G.

Professor of Botany, Materia Medica and Physiology

GUSTAVUS MICHAELIS, PH. G.

Emeritus Professor of Pharmacy

THEODORE JAMES BRADLEY, B. S., PH. G., *Secretary*

Adjunct Professor of Inorganic Chemistry and Mathematics

GARRET VANDER VEER DILLENBACK, PH. G.

Associate Professor of Pharmacy

EDWIN CUNNINGHAM HUTMAN, PH. G.

Director of Pharmaceutical Laboratory

WILLIAM ATWOOD LARKIN, PH. G.

Instructor in Physics and Chemistry

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INCORPORATED FEBRUARY 6, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates 2,732. Names and addresses upon the roll, 1,512. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee who serve for three years, are elected annually.

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*Died June 26, 1911.

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*Died December 30, 1910.

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1911

- Regular winter session begins.....Tuesday, September 19
Election vacation.....Monday and Tuesday, November 6 and 7
Thanksgiving vacation begins.....Wednesday at 1 P. M., November 29
Lectures resumed.....Monday morning, December 4
Christmas vacation begins.....Saturday morning, December 23

1912

- Lectures resumed.....Wednesday morning, January 3
Lincoln's birthday, lectures suspended.....Monday, February 12
Washington's birthday, lectures suspended.....Thursday, February 22
Commencement.....Tuesday, May 14

ENTRANCE REQUIREMENT—The New York State Medical Student Certificate entitles to entrance, (or 45 academic counts to conditional admission to the first course.) Those contemplating the study of medicine should apply to the Examinations Division, New York State Education Department, Albany, by letter or otherwise, if further information than that given on pages 37-39, is desired. One of the examinations will be held in Albany, September 18-20, 1911.

MID-WINTER WRITTEN EXAMINATIONS in all the departments are held in January. A printed schedule of these examinations is furnished the class.

ANNOUNCEMENT

1911-1912*

UNION UNIVERSITY includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Engineering at Schenectady. The ALBANY MEDICAL COLLEGE was organized in 1838 and incorporated in 1839, in which year its first class was graduated. It is the second oldest existing medical school in the State, and since its organization eighty courses of instruction have been given and 2,774 students have been graduated.

The course of instruction is graded and extends over four years. The curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators.

The college building is well appointed in its lecture rooms, laboratories, dissecting rooms and museums. The laboratories in chemistry and physiological chemistry are fitted with every requisite for the use of the classes and the illustration of the lectures, while the BENDER HYGIENIC LABORATORY furnishes admirable facilities for instruction in histology, embryology, pathology, bacteriology and clinical microscopy.

The location of the college is such as to afford superior advantages to the student. The hospitals and dispensaries furnish an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby, McNaughton and Haskins, and the pathological speci-

*Announcements of this college are to be considered as applying to the current year only, since all regulations and requirements are subject to change at the close of any session.

mens, the Sydenham Society plates on diseases of the skin and Böck's anatomical models added by Dr. Vander Veer.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, St. Margaret's House, Albany's Hospital for Incurables, County Hospital, South End Dispensary, Eye and Ear Infirmary, Albany Orphan Asylum, and dispensaries connected with each, are, by the regulation of their governing boards, made available for clinical purposes to the students, and appointments to positions on the house staffs of the Albany Hospital, and other hospitals in Albany and neighboring places, are annually made and are competed for by the members of the graduating class.

The results of the examinations for medical license held during recent years by the examining boards of the various states, and published annually in the *Journal of the American Medical Association*, show that in 1905, of the fifty-one larger schools having fifty or more graduates examined in various states, the ALBANY MEDICAL COLLEGE was one of only three schools which had no candidates rejected. Fifty-six of its graduates were examined in seven states and all passed. In 1906 thirty-seven graduates of 1901-6, inclusive, were examined in five states and all but one passed. In 1907 forty-three graduates of 1902-7 inclusive were examined and two failed. In 1908 forty-five graduates of 1903-8 inclusive were examined in four states and all passed. In 1909 thirty-seven graduates of 1905-9 inclusive were examined in four states and three failed. In 1910 forty-two graduates of 1906-10 inclusive were examined and three failed. The average per centage of failure of recent graduates,—that is those of the preceding five or six years, and as tabulated by the American Medical Association and published annually in its *Journal*, has been 3.7 for the Albany Medical College during the past six years. In 1910 the percentage of recent graduates failing was 14.9 for all the medical schools of the country.

Of the forty-two graduates of 1911 thirty-six had received hospital appointments, and mostly as the result of competitive examinations, by Commencement day.



ALBANY MEDICAL COLLEGE
Incorporated 1839



BENDER HYGIENIC LABORATORY

COURSE OF INSTRUCTION

The four years' graded course required of all candidates for the degree of doctor of medicine includes the following subjects:

First Year

1. **Anatomy**—three lectures; six hours osteology and dissection.
2. **Inorganic Chemistry**—two and a half lectures; four hours laboratory; one recitation.
3. **Organic Chemistry**—two lectures; one recitation.
4. **Physiology**—two lectures; one recitation; two and a half hours laboratory and demonstration.
5. **Histology**—five hours laboratory; one recitation.
6. **Materia Medica**—three lectures; two recitations.

Lectures $12\frac{1}{2}$; laboratory 9 hours; dissection and demonstration $8\frac{1}{2}$ hours; recitations 6 per week.

Second Year

1. **Anatomy**—two lectures; seven hours dissection and demonstration; two recitations.
2. **Anatomy and Pathology of Nervous System**—one lecture; two and a half hours laboratory.
3. **Organic and Physiological Chemistry and Toxicology**—one and a half lectures; three hours laboratory; one recitation.
4. **Physiology**—one lecture; two and a half hours laboratory; one and a half recitations.
5. **Therapeutics**—one lecture; one-half recitation.
6. **Theory and Practice**—two lectures; one-half recitation.
7. **Surgery (including Pathology)**—two hours laboratory; two lectures.
8. **Bacteriology and Pathology**—seven hours laboratory.
9. **Physical Diagnosis**—one demonstration half the term.
10. **Pharmacology**—one demonstration half the term.

Lectures $10\frac{1}{2}$; dissections and demonstrations 8 hours; laboratory 17 hours; recitations $5\frac{1}{2}$ per week.

Third Year

1. **Theory and Practice**—four lectures; two recitations; one hour clinics.
2. **Clinical Microscopy**—two and a half hours laboratory.
3. **Therapeutics**—two lectures; one recitation.
4. **Electro-therapeutics**—one lecture half the term.
5. **Obstetrics and Gynecology**—three lectures.
6. **Pediatrics**—one lecture; one recitation half the term.
7. **Neurology**—one lecture; one recitation; one clinic.
8. **Surgery (including operative, fractures, dislocations)**—five lectures; two recitations; three hours clinics.
9. **Physical Diagnosis and Ophthalmology**—section work two hours.
10. **Medical Jurisprudence**—one lecture half the term.
11. **Hygiene**—one lecture.
12. **X Rays**—one demonstration half the term.
13. **Obstetrical Histology and Pathology**—two and a half hours laboratory.
14. **History of Medicine**—one lecture half the term.

Lectures $18\frac{1}{2}$; laboratory 5 hours; demonstrations $\frac{1}{2}$ hour; recitations 6; section work 2; clinics 5 per week.

Fourth Year

1. **Theory and Practice**—three lectures; one recitation; two and a half hours clinics.
2. **Neurology**—one lecture; one clinic.
3. **Gynecology**—one

lecture half the term. 4. **Obstetrics**—two and a half lectures. 5. **Surgery (including Orthopedics)**—four lectures; one recitation; three hours clinics. 6. **Specialties**—one recitation. 7. **Conferences**—one medical; one surgical. 8. **Clinical section work**—sixteen hours.

Lectures 11; recitations 3; conferences 2; clinics 6½; clinical section work 14 hours per week.

CLINICS

Third and Fourth Year Classes

WEDNESDAY—10:30 A. M. to 1 P. M., (Medicine, Surgery and Dermatology), Profs. Hun, Van Rensselaer, MacFarlane and Elting, and Dr. Wiltse, 4th year.

12 M., (Surgery), Profs. Vander Veer, Morrow and E. A. Vander Veer, 3d year.

FRIDAY 5 P. M., (Neurology), Prof. Hun, 3d and 4th years.

SATURDAY—10 A. M., (Medicine), Prof. Ward, 3d and 4th years.

11 A. M., (Surgery), Profs. Vander Veer, Morrow, Elting and E. A. Vander Veer, 3d and 4th years.

Fourth Year Class divided into sections

MONDAY—11:30 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Laryngology), Prof. Root.

2:30 P. M., to 4:30 P. M., (Insanity), Cl. Pf. Mosher; (Gynecology), Cl. Pf. Sampson; (Obstetrics and Pediatrics), Cl. Pfs. Lipes and Shaw.

TUESDAY—11:30 A. M., to 1 P. M., (Dermatology), Cl. Pf. Sautter; (Neurology and Electricity), Cl. Pf. Mosher; (Otology), Cl. Pf. Bendell.

2:30 P. M. to 4:30 P. M., (Surgery), Prof. Morrow; (Pediatrics, medical), Cl. Pf. Shaw; (Operative Genito-Urinary), Dr. J. N. Vander Veer.

THURSDAY—11:30 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Laryngology and Rhinology), Cl. Pf. Theisen.

2:30 P. M., to 4:30 P. M., (Therapeutics), Prof. Van Rensselaer; (Medicine), Prof. Neuman and Dr. Winne; (Gynecology), Cl. Pf. Sampson; (Surgery), Dr. Beilby.

FRIDAY—11:30 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Neurology and Electricity), Cl. Pf. Mosher; (Genito-Urinary), Cl. Pf. Sautter.

2:30 P. M., to 4:30 P. M., (Medicine), Profs. MacFarlane and Neuman and Dr. Winne; (Pediatrics, surgical), Pf. Elting; (Surgery), Pf. E. A. Vander Veer.

The provisional order of instruction for the first half of the ensuing session is given in the succeeding pages, and a corrected card will be issued at the opening of the session.

ORDER OF INSTRUCTION—1911-1912

FIRST YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9		Recitation in Materia Medica. Dr. FROMM				
10	9 to 11:30 Histological Laboratory Dr. BERNSTEIN	Chemical Laboratory Prof. TUCKER and Mr. LARKIN.	9 to 11:30 Experimental Physiology.	Chemical Laboratory. Prof. TUCKER and Mr. LARKIN.	Recitation in Materia Medica. Dr. FROMM	9 to 11:30 Histological Laboratory. Dr. BERNSTEIN
11					Materia Medica. Ad. Prof. DAWES.	
12	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Inorganic Chemistry. Mr. LARKIN.
3	*Inorganic Chemistry Mr. LARKIN.	*Inorganic Chemistry Mr. LARKIN.	*Inorganic Chemistry. Mr. LARKIN.	Inorganic Chemistry. Mr. LARKIN.	*Inorganic Chemistry. Mr. Larkin.	
4	Osteology and Dissection. In Sections. Drs. DE VOE and DRAKE.	Recitation in Physiology. Dr. E. R. STILLMAN	Osteology and Dissection. In Sections. Drs. DE VOE and DRAKE.	Recitation in Histology.	Osteology and Dissection. In Sections. Drs. DE VOE and DRAKE.	
5		Physiology. Prof. GORDINIER.		Physiology. Prof. GORDINIER.		

* Organic Chemistry (Dr. Tucker) last half of Session.

Final Examinations in Inorganic Chemistry, Histology and Embryology, Materia Medica, and in the Organic Chemistry, Physiology and Anatomy of the year.

SECOND YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9		9 to 10:45 Demonstration of Anatomy of Nervous System. Dr. ARCHAM- BAULT.			9 to 11 Bacteriology and Pathology. Prof. ORDWAY and DRS. BERNSTEIN and KELLERT	
10	9 to 11:30 Experimental Physiology and Pharmacology.		9 to 11:30 Bacteriology and Pathology. Prof. ORDWAY and DRS. BERNSTEIN and KELLERT	9 to 11:30 Bacteriology and Pathology. Prof. ORDWAY and DRS. BERNSTEIN and KELLERT		9 to 11:30 Experimental Physiology and Pharmacology.
11		Rec. Pract. and Therap. In Sections. DRS. WINNE and				
12	Therapeutics. Prof. VAN RENS- SELAER.	Theory and Practice. Prof. VAN RENS- SELAER	Org. Chem. and Toxicol. Prof. TUCKER Phys'l Diagnosis	Theory and Practice. Prof. VAN RENS- SELAER.	11 to 1 Surgical Pathology Dr. BRILBY	Org. Chem. and Toxicol. Prof. TUCKER.
2		Rec. in Anat. In Sections. DRS. LOMAX and LEMPE.		Recitation Experimental Physiology.		
3	Rec. in Anat. In Sections. DRS. LOMAX and LEMPE.	Anatomy. Prof. CRAIG.	2:30 to 6 Dissection DRS. LOMAX and LEMPE.	Anatomy. Prof. CRAIG.	2:30 to 6 Dissection. DRS. LOMAX and LEMPE.	
4	Minor Surgery Dr. LEMPE.	Physiology. Prof. GORDINIER.		Anatomy of the Nervous System. Prof. GORDINIER.		
5	Surg. Technic. Dr. J. N. VANDER VEER.	Org. Chem. and Toxicol. Prof. TUCKER		Recitation in Physiology. Dr. KIRK.		

Final Examinations in Organic and Physiological Chemistry, Anatomy (including that of the Nervous System) Bacteriology and Pathology; Physiology, and in the Therapeutics and Theory and Practice and Surgery of the year.

ORDER OF INSTRUCTION—*Continued*
THIRD YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.	Rec. Surgery Dr. GUTMANN	Surgery. Prof. ELTING	Surgery. Prof. MORROW.	Surgery. Prof. E. A. VANDER VEER.	Obstetrics. Cl. Prof. LIPES.
10	Theory and Practice. Prof. WARD.	Hygiene. Dr. ROONEY.	Pediatrics. Prof. BOYD.	Recitation Theory and Practice. Dr. WINNE.	Theory and Practice. Prof. WARD.	Med. Clinic Albany Hospital. Prof. WARD.
11	Med. Jurisprud. Prof. MAC- FARLANE. X Rays. Dr. HOLDING.	Ophthalmol. Dr. BEDELL.	Obstetrics. Cl. Prof. LIPES.	Electro- Therapeutics. Cl. Prof. MOSHER. Hist. of Med. Dr. W. STILLMAN	Operative Surgery. Prof. MORROW.	Surgical Clinic Albany Hospital. Profs. VANDER VEER, MORROW, ELTING and E. A. VANDER VEER.
12	Therapeutics. Prof. VAN RENS- SELAER.	Theory and Practice. Prof. VAN RENS- SELAER.	Surgical Clinic, Albany Hospital. Profs. VANDER- VEER, MORROW and E. A. VAN- DER VEER.	Theory and Practice. Prof. VAN RENS- SELAER.	Therapeutics. Prof. VAN RENS- SELAER.	
3	Fractures and Dislocations. Prof. MORROW.	Recitation in Theory and Practice. Dr. CORNING.	Recitation in Surgery. Dr. TRAVER.		3 to 3:45 Tuberculosis. Dr. LAIRD.	
4	Phys. Diag. Sec. A. Prof. MAC- FARLANE. Rec. Therapeut. Sec. B.	Phys. Diag. Sec. B. Prof. MAC- FARLANE. Rec. Therapeut. Sec. A.	Gynecology Cl. Pf. SAMPSON.	2 to 4:30 Clinical Microscopy. Drs. HAWN and SAWYER.	3:45 to 4:45 Obstet. Histol. and Pathol. Cl. Prof. LIPES	
5	Surgical Diagnosis. Dr. DONHAUSER		Recit. Neurol. and Pedi. In Secs. Cl. Pf. SHAW and Dr. ARCH'BAULT.	Digestive Diseases. Prof. NEUMAN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Therapeutics, Neurology and Diagnosis (including Clinical Microscopy, Physical Diagnosis and Medical Jurisprudence), and in the Surgery, Obstetrics, Practice (and Hygiene) of the year.

FOURTH YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.	Orthopedic Surgery. Prof. MORROW.	Surgery. Prof. ELTING.	Surgery. Prof. MORROW.	Surgery. Prof. E. A. VANDER VEER.	Surgical Conference. Dr. GUTMANN.
10	Theory and Practice. Prof. WARD.	Obstetrics. Prof. BOYD.	10:30 to 1 Med. Surg. & Der- matol. Clinics St. Peter's. Pfs. HUN, VAN RENSELAER, MACFARLANE, and ELTING and Dr. WILTSE.	Obstetrics. Prof. BOYD.	Theory and Practice. Prof. WARD.	Medical Clinic, Albany Hospital. Prof. WARD.
11						Surgical Clinic, Albany Hospital. Profs. VANDER VEER, MORROW, ELTING and E. A. VANDER VEER.
12	Clinical Work. Class Divided into Sections.	Clinical Work. Class Divided into Sections.	Recitation in Theory and Practice. Prof. NEUMAN.	Clinical Work. Class Divided into Sections.	Clinical Work. Class Divided into Sections.	
3						
4			Medical Conference. Prof. HUN.			
5	Obstetrics and Gynecology. Cl. Pfs. LOCHNER and SAMPSON.	Recitation in Surgery.	Rec. in Specialties. Pf. ROOT, Cl. Pf. SAUTTER and Dr. ARCH'BAULT.	Digestive Diseases. Prof. NEUMAN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Theory and Practice, Surgery, Obstetrics, Neurology, and in Specialties.

CLINICAL COURSES, 1911-12

(The class divided into four sections)

SECTION A

HOUR.	DATE	MONDAY.	TUESDAY.	THURSDAY	FRIDAY.
11:30 to 12:45	September 25 to November 10.	Ophthalmology Dr. Merrill Albany Hospital	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Dispen.
	November 13 to January 19.	Larynx. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Larynx. & Rhin. Dr. Theisen St. Peter's Hospital	Ophthalmology Dr. Merrill Albany Hospital.
	January 22 to March 8.	Larynx. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Larynx. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	March 11 to April 26.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
2:30 or 3 to 4:30	September 25 to November 10.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	November 13 to January 19.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & Ch. H.	Pediatrics (surgical) Dr. Elting Child's Hospital
	January 22 to March 8.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.
	March 11 to April 26.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margaret's House	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.

SECTION B

HOUR.	DATE.	MONDAY.	TUESDAY.	THURSDAY.	FRIDAY.
11:30 to 12:45	September 25 to November 10.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	November 13 to January 19.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	January 22 to March 8.	Larynx. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Larynx. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	March 11 to April 26.	Larynx. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Larynx. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 15 to November 10.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margar. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	November 13 to January 19.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	January 22 to March 8.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & Ch. H.	Pediatrics (surgical) Dr. Elting Child's Hospital.
	March 11 to April 26.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.

CLINICAL COURSES—Continued

SECTION C

HOOR.	DATE.	MONDAY.	TUESDAY.	THURSDAY.	FRIDAY.
11:30 to 12:45	September 25 to November 10.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 13 to January 19.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	January 22 to March 8.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	March 11 to April 26	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 25 to November 10.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Winne Albany Hospital.	Medicine Dr. Winne Albany Hospital.
	November 13 to January 19.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	January 22 to March 8.	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.
	March 11 to April 26.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Mar. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & Ch. H.	Pediatrics (surgical) Dr. Elting Child's Hospital.

SECTION D

HOOR.	DATE.	MONDAY.	TUESDAY.	THURSDAY.	FRIDAY.
11:30 to 12:45	September 25 to November 10.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 13 to January 19.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 22 to March 8.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Neurol. & Elec'ty Dr. Mosher Albany Hospital.
	March 11 to April 26.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Sautter Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
2:30 or 3 to 4:30	September 25 to November 10.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Therapeutics Dr. Van Rensselaer Alb., St. P. & Ch. H.	Pediatrics (surgical) Dr. Elting Child's Hospital.
	November 13 to January 19.	Insanity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Winne Albany Hospital.	Medicine Dr. Winne Albany Hospital.
	January 22 to March 8.	Insanity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Beilby Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	March 11 to April 26	Gynecology Dr. Sampson South End Dispen.	Oper. Gen. Urin. Dr. J. N. VanderVeer Albany Hospital.	Gynecology Dr. Sampson South End Dispen.	Medicine Dr. MacFarlane St. Peter's Hospital.

NOTE:—During the first quarter some changes will be made on Monday and Thursday forenoons as announced.

OUTLINES OF COURSES

Theory and Practice of Medicine, etc.

PROFS. WARD, CURTIS, HUN, VAN RENSSELAER, MACFARLANE, ROOT, NEUMAN AND ORDWAY; CL. PROFS. MOSHER, SAUTTER, THEISEN AND DRs. LAIRD, ROONEY AND ARCHAMBAULT.

Theory and Practice. Prof. Ward delivers a systematic course of lectures to the third and fourth year classes, and Prof. Van Rensselaer to the second and third year classes. Prof. Hun conducts each week a medical conference in which students report cases which they have seen and examined and these reports are criticised by the class. These courses are supplemented by study in a standard text-book; weekly recitations are held on the subject matter of the lectures, and a course upon gastro-enteric diseases is given by Prof. Neuman to the fourth year class. Hygiene is taught in lectures which have special reference to the needs of the general practitioner.

Clinical Medicine. Prof. Ward holds a medical clinic each week, at the Albany Hospital, and Prof. Hun each week, at St. Peter's Hospital, before the third and fourth year classes. In these clinics students have opportunities to examine cases, their examination and diagnosis being criticised by the professor.

Neurology, Insanity and Medical Jurisprudence. The instruction in neurology extends over three years. It commences in the second year during which Prof. Gordinier gives each week an illustrated lecture on the anatomy and physiology, and Dr. Archambault a laboratory exercise of two hours a week, devoted to the gross and microscopic study of the normal and pathological anatomy of the nervous system. The third and fourth year classes are taught by Prof. Hun. During the third year the class attends one didactic and one clinical lecture and one recitation on diseases of the nervous system each week throughout the year and a demonstrative lecture on electro-therapeutics during one-half of the year. During the fourth year the students attend one didactic and one clinical lecture, and one recitation on diseases of the nervous system each week throughout the year. Each patient exhibited is assigned to two students, who having examined him previously, report on the case at the clinical lecture. During the fourth year also, the class being divided into small groups, each student is trained in the out-patient department in the methods of examination of patients. Practical work in the administration of electricity is also given to each student during the fourth year, the class being divided into sections.

Insanity: The fourth year class, divided into sections, receives clinical instruction under Cl. Prof. Mosher in mental disorders in the wards of Pavilion F at the Albany Hospital.

Medical jurisprudence is taught by weekly didactic lectures during one-half of the year.

Diseases of the Skin. Prof. Curtis presents this subject in the clinical courses and illustrates it fully by the exhibition of cases and plates.

Diseases of the Throat and Nose. This subject is presented in the clinical courses by Prof. Root and Cl. Prof. Theisen in such manner that the student is familiarized with the diseases of these parts and made acquainted with the various methods for the examination and treatment of laryngeal and nasal disorders, individual instruction being given to each student.

Physical diagnosis. The third year class divided in sections are taught practically the principles and signs of physical diagnosis in the examination of the body both in health and disease under Prof. MacFarlane. The second year class in small divisions receive practical instruction during the second term in the examination of the normal chest by Drs. Corning, Douglas and Meyers.

Clinical Microscopy. The third year class has practical laboratory work in microscopy, including the examination of the urine, blood, sputum, feces, cerebro-spinal fluid, exudates and transudates for clinical diagnosis.

Surgery

PROFS. A. VANDER VEER, MERRILL, MORROW, ELTING AND E. A. VANDER VEER; CL. PROFS. BENDELL, SAUTTER, AND DRs. MOORE, HOLDING, J. N. VANDER VEER, BEDELL, WILTSE, GUTMANN AND DONHAUSER.

In the lectures on surgical pathology, the method by which tissues are nourished in health having been discussed, the subjects of hypertrophy and atrophy are taken up, and then attention is given to the pathology of the methods by which wounds heal, and to the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicemia, pyemia, sapremia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, in which students should be well grounded during the college course. The course in operative surgery, by Prof. Morrow, is thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon a cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several hospitals of the city.

Fractures and Dislocations. This subject is treated practically in a course of lectures in which the various fractures and dislocations are illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, is taught in the lecture room, followed by clinical instruction at the hospital, students being required to examine and diagnose injuries, and to select, prepare and apply proper dressings for reduction and the retention of the appliances used. A very complete Roentgen ray apparatus is employed and its use is taught in every detail by frequent demonstrations.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of various operations. The eye and ear clinics are held every Monday and Friday at noon during the year.

Orthopedic Surgery is taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

Genito-Urinary Diseases. Diseases of the genito-urinary system are taught in the fourth year by lectures and practical exercises in clinical instruction, the sections of the class doing actual consultation work and discussing the cases exhibited. The groundwork of this subject is taught in the various clinics, including actual handling of cases and the use of the cystoscope, segregator, endoscope, ureteral catheterization and functional diagnostic work on the kidneys by means of the various tests. In this way students are made familiar with the various clinical reasonings whereby surgical diagnoses and prognoses are arrived at and proper treatment determined.

Obstetrics, Gynecology and Diseases of Children

PROF. BOYD; CL. PROFS. LIPES, SAMPSON, LOCHNER AND SHAW

These subjects are treated in courses of didactic and clinical lectures on the science and art of obstetrics; on gynecology, and on the diseases of children. Recitations are held weekly during the term. In addition to the clinical lectures on gynecology, practical instruction is given the members of the senior class at the Albany Hospital and the South End Dispensary. Members of the senior class are required each to attend a certain number of cases of labor. Practical instruction in obstetrics is given at the Albany Hospital and also in the obstetric department of the Albany Guild for the Care of the Sick. Clinical material for the course in pediatrics is obtained from the Child's Hospital, St. Margaret's House for Infants, the Albany Orphan Asylum, the

Lathrop Memorial, the dispensary of the Albany Hospital and the South End Dispensary. A course is given at the Bender Laboratory in obstetrical and gynecological histology, embryology and pathology by lantern slide demonstrations and the exhibition of suitable specimens.

Chemistry

PROF. TUCKER, AD. PROF. ———, AND MR. LARKIN

The courses in this department include lectures upon the principles of chemistry; the non-metals, and metals, with their more important medicinal compounds; and organic and physiological chemistry, which is very fully treated, including urinalysis and toxicology. Pharmacopœial compounds receive especial attention, and considerable time is given to the chemical examination of potable water and other matters pertaining to sanitary chemistry as related to water supply, sewage disposal, ventilation, disinfection, food adulteration and kindred topics. Inorganic chemistry is studied during the first half of the first year, and organic chemistry, to the aromatic compounds, during the second half of this year. In the second year organic chemistry is completed in the first half of the year and the study of physiological chemistry is pursued during the latter half of the year in the laboratory. The lectures are abundantly illustrated and recitations are held in each department.

Anatomy

PROFS. CRAIG, GORDINIER AND ORDWAY, AND DRs. LOMAX, LEMPE AND BERNSTEIN

The course in anatomy consists of explanatory lectures and recitations, with illustrations and demonstrations from the human subject and preparations from the museum. A lantern with complete outfit for reflection and projection with microscopic attachment has been added to the equipment of the College during the past year and is frequently used for demonstrations during the anatomical lectures. The course extends through the first and second years. Students are also required to take practical courses during the first and second years on those systems which are lectured upon during those years and to dissect during the second year under the demonstrator of anatomy and assistants not less than the lateral half of a human cadaver. While systematic anatomy is made the basis of study for the first and second years, the practical application of anatomy to medicine and surgery is explained in the lectures, and regional anatomy given prominent consideration in the dissecting-room work.

Histology and embryology are taught by practical laboratory work as elsewhere described.

Materia Medica, Pharmacology and Therapeutics

PROF. VAN RENNELAER; ADJ. PROF. DAWES; CL. PROF. MOSHER AND
ADJ. PROF. ———

The didactic lectures on materia medica are illustrated by all the official crude drugs, together with prints and specimens of the various official compounds and preparations. In addition there has been added a practical course, in which the organic crude drugs are carefully studied in detail and instruction is given in the methods used in compounding the various important pharmacopœial preparations. The pharmacological action of many of the important drugs is likewise shown experimentally. In the lectures on therapeutics, which extend through the second and third years, a course is given on prescription writing; and a comprehensive study of the therapeutics of drugs by classes is made. Special attention is given to the demonstration of the action of therapeutic agents, and to the methods of their administration.

During the third year the presentation of the different means and methods of medication resorted to in the treatment of disease is continued, and a separate course on physiological therapeutics is added, including Swedish movements, massage, ærotherapeutics, climatology, hydrotherapeutics, balneotherapy, dietetics, hypnotism, the rest cure, etc. A special course is given in electrotherapeutics. Recitations are held weekly.

Physiology

PROF. GORDINIER AND ADJ. PROF. ———

Didactic and experimental lectures are given upon this subject to the first and second year classes throughout the college term. These lectures are profusely illustrated by the aid of a projectoscope and lantern, portable microscopes, models and diagrams. Special attention is paid to the physiology of the circulation, digestion, absorption, secretions, animal heat and metabolism. A large part of the lectures to the second year class by Prof. Gordinier are devoted to the very modern physiology of the nervous system and localization.

The experimental physiology forms a systematic and graded course, extending through the first year and half the second. Special importance is placed upon the student observing for himself and understanding the fundamental facts of physiology. Further mention of the course is made elsewhere.

PRACTICAL CLINICAL COURSES

In order to familiarize students with the practical work of their profession, and to bring them into closer personal contact with patients, the fourth year class is divided into sections of eight or ten men, and on four days in each week each man devotes several hours to the examination and personal observation, under the supervision of the instructors, of patients in the wards and out-patient departments of the various hospitals and dispensaries. In this clinical work especial attention is devoted to the complete examination of the blood, urine, sputum and stomach contents, as well as to the special examination of the eye, ear and other organs. Thus in the course of the school year the men in each section acquire practical knowledge and technical diagnostic dexterity in general medicine, general surgery, gynecology, dermatology, neurology, insanity, otology, laryngology, ophthalmology, rhinology, diseases of children and infants, infant feeding, diseases of the rectum and genito-urinary tract, operative surgery, orthopedic surgery, clinical and operative obstetrics, electrotherapeutics and medical technic.

LABORATORIES

Practical Chemistry

The chemical laboratory is well furnished, conveniently arranged and supplied with all necessary apparatus. The laboratory course is preceded, since although some knowledge of chemistry is highly desirable none is now *required* at entrance, by a series of lessons upon chemical nomenclature, notation and the essential principles of theoretical chemistry, including the laws of combination and valence, and these subjects are therefore more briefly treated in the regular lecture course. The practical laboratory work includes tests for those metals and acids, which, in combination, are important as constituents of medicinal compounds or as poisons, together with the separation of the chief groups, volumetric analysis, the examination of unknown substances and toxicology. All chemical reactions are written upon the black-board, discussed by the class, and entered upon their notes.

Experimental Physiology and Physiological Chemistry

The object of the course in practical physiology is to have the student formulate for himself ideas with regard to the normal working of the animal body. The laboratory work is introduced by an elementary consideration of the cell and its functions, ciliary motions, etc. This is followed by a detailed study of the phenomenon of contraction. The remainder of the first year is then

devoted to a very careful consideration of the physiology of digestion and nutrition. Among other things the physiological functions of the salivary, gastric, pancreatic and liver secretions are demonstrated and studied by means of artificial fistulae. The course is continued during the second year with a careful study of the circulation, respiration, and the physiology of the nervous system. Finally the attention of the class is directed to the physiological action of many of the more important drugs.

After the Christmas vacation the study of physiological chemistry is begun. Laboratory work in this subject consists in the isolation, preparation and identification by tests, of the various important proteins, fats and carbohydrates. The composition of the tissues and organs is next studied with special reference to their most important constituents; the chemistry of digestion, secretion and excretion then receives attention in relation to the several physiological processes involved. Finally there follows a thorough course in qualitative and quantitative urinalysis. The student is provided with a syllabus of the lectures and laboratory work and required to keep systematic notes of all lectures and experiments actually performed. The practical work is interspersed with lectures and recitations.

Anatomy

The dissecting, recitation and demonstration rooms are well lighted and equipped and an ample supply of carefully prepared material is available. An endeavor is made to make the entire course in anatomy practical, consistent and useful, and to assist the student in laying a broad foundation of anatomical knowledge on which to build future courses in didactic and clinical medicine and surgery.

Histology, Embryology, Pathology, Bacteriology and Clinical Microscopy

Work in these departments is carried on in the Bender Hygienic Laboratory, on Lake Avenue, near the Albany Hospital.

This building was erected by the late Matthew W. Bender of Albany, and is thoroughly equipped with the apparatus necessary for the study of histology, pathology, bacteriology and clinical microscopy. Practical work in these branches is obligatory upon all students, and abundant opportunity is furnished in the laboratory for acquiring a thorough knowledge of these important subjects. An electric lantern which is adapted to the projection of pictures and microscopic preparations as well as lantern slides is used to supplement the more practical methods of demonstration.

Histology. The work consists of explanatory talks covering the subject of the day's study, followed by practical exercises in the laboratory.

Embryology. The star-fish egg is studied for early segmentation stages; gross and microscopic examination of a series of hen's eggs for formation of germ layers and development of the nervous and vascular systems. In a similar way the embryo of the pig is used for the development of the organs which is taken up again, according to the plan of Lewis, when each organ is studied histologically.

Bacteriology. The work consists of lectures followed by practical laboratory exercises. It is intended to render the student familiar with the underlying principles of bacteriology and their application to clinical medicine and surgery.

Pathology. The work consists of a short lecture on the subject under discussion for the day followed by practical exercises in pathological anatomy and histology. Besides this the students are instructed in the technique of making autopsies, and examine material from autopsies and surgical operations. Demonstrations in experimental pathology are introduced whenever possible.

Clinical Microscopy. The course consists of preliminary talks followed by practical work in the examination of blood, urine, sputum, fæces, stomach contents, exudates, etc.; and includes a short course in clinical bacteriology.

In all these courses the student is taught independent methods of work and is required to keep a permanent record, illustrated by drawings, of all laboratory exercises.

A limited number of students who have shown proper aptitude are offered the opportunity to work along more advanced lines.

For the alumni of this school, and for physicians in the vicinity, this laboratory offers excellent facilities for the examination of urine, sputum, pathological specimens and blood. Information regarding such examinations may be obtained by communicating with Dr. Thomas Ordway, Director, Bender Laboratory, South Lake Avenue, Albany.

ENTRANCE REQUIREMENTS

All matriculates must secure 60 academic counts or their full equivalent (see pages 37-39), before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 15 academic counts and must be made up before the student begins the second annual course counted toward the degree.

Medical Student Certificate—When all requirements are fulfilled, the regents issue a medical student certificate which the candidate must file with the Registrar of the college.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college.

FEES AND EXPENSES

Fees, excepting the final examination fee, are payable each year in advance, are not returnable, and are as follows:

FIRST YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Chemical Laboratory	10 00
Histological Laboratory	10 00
Dissection (including material)	5 00
	<hr/> \$130 00
SECOND YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Dissection (including material)	10 00
Bacteriological and Pathological Laboratory	15 00
Physiological Chemistry and Experimental Physiology ..	15 00
	<hr/> 145 00
THIRD YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Clinical Microscopy and Pathology	15 00
	<hr/> 120 00
FOURTH YEAR	
Matriculation	\$5 00
Lecture Course	100 00
Final Examination	25 00
	<hr/> 130 00
	<hr/> <hr/>

In addition to the fees above stated, an annual charge of two dollars is made to members of the first, second and third year classes, for the use of microscopes and other apparatus. This fee is paid to the director at the Bender Laboratory after laboratory tickets have been issued by the registrar. For the laboratory work in physiological chemistry there is a fee of two dollars to cover use of apparatus and breakage payable to the director at the beginning of the session. There is also a fee of five dollars paid by members of the fourth year class to the Guild for the Care of the Sick for the course in practical obstetrics.

All fees are payable strictly in advance except that the final examination fee may be paid at any time before the examinations begin. Graduates of the school may attend lectures and stated clinics without charge except for matriculation in case of prolonged attendance.

The cost of living in Albany is less than in most other cities of its size. A list of boarding houses is kept by the janitor, and

also at the Students' Club, at which good rooms and board can be obtained at from four to five dollars a week or upwards, and by clubbing together students can live comfortably at still lower rates. No estimate can well be made of cost of text-books and other personal expenses since these of necessity vary greatly in different cases.

BOOKS RECOMMENDED

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE.
ANATOMY—Gray, Holden-Hewson	Cunningham, Piersol, Morris, Toldt's Atlas.
ANATOMY NERVOUS SYSTEM—Gordinier	Edinger, Dejerine, Van Gehuchten.
HISTOLOGY—Stöhr (Lewis)	Schafer, Szymonowicz, Ferguson
PATHOLOGY—Delafield & Prudden	Zeigler, Stengel, Mallory and Wright, Adami.
BACTERIOLOGY—Jordan	Muir and Ritchie, McFarland, Park, Hiss & Zinzer
PHYSIOLOGY—Howell	Landois, Schaefer, Foster, Tigerstedt.
EXPER. PHYSIOL.—Alcock and Ellison	Beddard, Krehl, Busch, Brodie, Stewart.
MATERIA MEDICA—Stevens	Nat. Dispens., U. S. Phar., Nat. Formulary
PHARMACOLOGY—Pembrey and Phillips	Cushney, Sollmann, Dixon, Tyrode.
THERAPEUTICS—Hare	Foster.
ELECT.-THERAP. AND DIAG.—Turner, Mosher	Hedley.
THROAT AND NOSE—Kyle	Coakley, Shurley, Bosworth.
INORGAN. CHEM.—Sadtler and Coblentz	Holland, Simon, Bartley, Witthaus.
ANALYTICAL CHEMISTRY—Laboratory Notes	Bartley Clin. Chem., Rockwood.
ORGANIC CHEMISTRY—Sadtler & Coblentz	Bartley, Richter, Holland.
PHYSIOL. CHEMISTRY—Hawk	Long, Hammersten, C. E. Simon, Hoppe-Seyler.
MED. JURISPRUD. AND TOXICOL.—Reese	Hamilton, Wormley, Herold, Autenrieth.
CHEMISTRY OF URINE—Tyson	Ogden, Saxe, Purdy.
THEORY AND PRACTICE—Anders	Osler, Thompson, Tyson, Wood and Fitz, Edwards and Hare, Forchheimer.
GASTRO-ENTERIC DISEASES—Hemmeter	Boaz.
PHYS. DIAG.—Musser, MacFarlane	Le Fevre, Anders.
CLIN. MICROSCOPY—Syllabus	Simon, Emerson, Sahli, Faught, Todd.
HYGIENE—Bergey	Harrington, Rohé and Robin.
MENTAL DISEASES—Syllabus	Clouston.
DERMATOLOGY—Jackson	Hyde, Crocker, Pusey, Schamberg, Van Harlingen.
NEUROLOGY—Hun's Syllabus	Starr, Church & Peterson, Jakob's Atlas.
HISTORY OF MEDICINE—Park	Baas.
FRAC. AND DISLOCATIONS—Stimson	Scudder, Cotton.
PRIN. AND PRAC. SURG.—Am. Text Book	Parks, Wharton and Curtis, Da-Costa, Fowler Rose and Carless, Lexter-Bevan, Mumford Surg. Dis. Abd., Douglas.
SURGICAL PATHOLOGY—Warren	Billroth-Winiwarter, Senn.
OPERATIVE SURGERY—Bryant	Kocher, Smith, Binnie.
ASEPTIC TREATMENT WOUNDS—Beck	Thornbury.
SYPHILIS—White & Martin	Keyes, Morrow, Taylor, Morton, Fournier.
GENTO-UNIARY—Greene-Brooks	Watson and Cunningham, Cabot, Casper, Pilcher, Faught.
SURGICAL DIAGNOSIS—Berg	Eisendrath, Albert. Martin.
MINOR SURGERY—Wharton	Foote.
ORTHOPEDIC SURGERY—Bradford & Lovett	Young, Whitman.
OPHTHALMOLOGY—May	Fuchs, DeSchweinitz.
OTOLOGY—Barnhill & Wales	Dench, Politzer.
OBSTETRICS—Jewett	King, Williams.
GYNECOLOGY—Sampson	Hirst, Kelly's Med. Gynecology.
DISEASES OF CHILDREN—Holt	Rotch, Koplik Kerley, Pfaundler and Schlossman (Shaw).
DICTIONARY—Stedman Med. Dict., Dorland Med. Dict., Gould, Dunglison Medical Lexicon.	

PRIZES AND HOSPITAL APPOINTMENTS

The S. Oakley Vander Poel prize, consisting of a clinical microscope, is awarded to the senior student passing the best bedside 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.

Professors Vander Veer and Elting offer a prize of seventy-five dollars for the best report of the surgical clinics held during the session, and Professor Morrow and Dr. Traver offer a prize of a complete pocket case of instruments for the second best report of these clinics.

Professor Merrill offers a prize consisting of an ophthalmoscope for the best final examination in ophthalmology.

The Townsend physiological prize, endowed by the late Prof. Franklin Townsend, Jr., M. D., is awarded to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the senior student passing the best final examinations in obstetrics.

A prize consisting of a case of surgical instruments, in memory of the late Dr. T. W. Nellis (A. M. C., '81), is offered by his brother, Dr. W. J. Nellis (A. M. C., '79), of Albany, to the senior student passing the best final examination.

A prize consisting of a Thoma haemocytometer is offered by Dr. Arthur J. Bedell to the senior student presenting the best report on the eye and ear clinics.

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

1. For the best "anatomical specimens," a first prize of sixty dollars, and a second prize of thirty dollars. The following are prescribed for 1912:

1. Dried and mounted preparation of the membranes of the brain.
2. Wet preparation of the arteries of the cerebro-spinal axis.
3. Wet preparation of cerebral veins and venous sinuses.
4. Wet preparation of a skull, sectioned to show the bone sinuses.
5. Corrosive specimens of right and left kidney showing arteries, veins and ducts.

For the methods of preparation of the specimens to be competed for this year and for the formulæ to be used in the injections, application can be made to the Professor of Anatomy.

Preparations must be ready to be deposited with the professor of anatomy by May 5, 1912. All specimens submitted in competition for the prizes are to be 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 sixty dollars, and a second prize of thirty dollars, these prizes restricted to members of the graduating class.

At or about the close of each session, vacancies occur in the house staffs of the Albany and other hospitals and these are filled by competitive examinations, open to the members of the graduating class.

REQUIREMENTS FOR GRADUATION

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction during the period required by law in this state (see page 39, sec. 4), and he must present evidence of having complied with the law concerning preliminary examination (see pages 37-39).

He must have attended not less than four regular courses of lectures of which the last shall have been at this college.

Students who have attended one or more courses of lectures at other recognized medical colleges may be admitted to advanced standing in this college if they submit proper evidence of such attendance and a precise statement of subjects included in "Examination Departments," page 29, in which satisfactory final examinations have been passed, and comply with the requirements stated under "Examination Rules," page 30. No credit will be given for work done elsewhere in fourth year departments.

He must be of good moral character.

He must maintain a satisfactory standing during his course and pass satisfactory final examinations in the several branches taught.

Regular and punctual attendance is required, and matriculation tickets are endorsed with attendance at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,

July 1, 1911.

Albany, N. Y.

EXAMINATION DEPARTMENTS

First Year

1. Chemistry (inorganic, laboratory work and first half organic)
—Dr. Tucker and Mr. Larkin.
2. Anatomy—Dr. Craig.
3. Materia medica—Drs. Van Rensselaer and Dawes.
4. Physiology (including experimental physiology)—Dr. Gordinier.
5. Histology and embryology—Drs. Ordway and Bernstein.

Second Year

1. Chemistry (last half organic, toxicology and physiological chemistry)—Drs. Tucker and —.
2. Anatomy (and of the nervous system)—Drs. Craig and Gordinier.
3. Bacteriology and pathology—Dr. Ordway.
4. Therapeutics and practice—Dr. Van Rensselaer.
5. Physiology (including experimental physiology)—Drs. Gordinier and —.
6. Surgical pathology, minor surgery and technic—Drs. A. Vander Veer, Lempe and J. N. Vander Veer.

Third Year

1. Therapeutics (including electro-therapeutics and history of medicine)—Drs. Van Rensselaer, Mosher and Stillman.
2. Theory and practice (and hygiene)—Drs. Van Rensselaer, Ward and Rooney.
3. Surgery (including operative, and fractures and dislocations)
—Drs. A. Vander Veer, Morrow, Elting and E. A. Vander Veer.
4. Obstetrics, pediatrics and gynecology—Drs. Boyd, Lipes and Sampson.
5. Neurology and diagnosis (including clinical microscopy, physical diagnosis and medical jurisprudence)—Drs. Hun, Macfarlane and Ordway.

Fourth Year

1. Theory and Practice—Drs. Ward and Neuman.
2. Surgery (including orthopedic)—Drs. A. Vander Veer, Morrow, Elting and E. A. Vander Veer.
3. Obstetrics and gynecology—Drs. Boyd and Sampson.
4. Neurology and insanity—Drs. Hun and Mosher.
5. Eye and ear, dermatology and throat and nose—Drs. Merrill, Curtis, Root and Bendell.

EXAMINATION RULES

A student who, at the end of the college year, as the result of his work and examination combined, is deficient in more than three departments of the first, second or third year, is debarred from continuing with his class and from commencing the work of the succeeding year and must repeat the year's work and is examined in *all* subjects at the end of the year.

A student not so debarred who fails in one or more departments is required to pass in October an examination in the subjects of the department or departments in which he has failed. If, as a result of this examination, his mark is still below the passing mark in more than one department he is debarred from continuing the work of the next higher year, but in case he fails in October in only one department he is allowed to continue with his class. A list of the departments is given on the preceding page and any department may include several subjects or branches.

The examination of students of the first, second or third year classes who failed in one or more departments in the spring examinations is held in October (for 1911 in week beginning October 2), and students failing in this examination in only one department may take the examination in the following spring.

STUDENTS 1910-1911

Fourth Year

NAME	RESIDENCE
Martin Joseph A'Hearn	Saratoga Springs
Antonio Martinez Alvarez	San Juan, Porto Rico
La Verne Adelbert Bouton	Fultonville
Milton Gardner Burch	North Adams, Mass.
Michael Ercole De Luca	Troy
Ray Manier Eaton	North Adams, Mass.
Percy Henry Finch	Broadalbin
Walter Clayton Fox	Troy
Frederick Joseph Garlick	Fall River, Mass.
Bertran Wesley Gifford	Masonville
Clayton Longueville Gifford	Valley Falls
George Mills Glenn	Albany
James Joseph Hart	Rensselaer
Irwin Johnston	Watervliet
Frederick Louis Kreicker	Troy
Arthur Krida	Schenectady
Harold Arthur Lucas	Rensselaer
Thomas William Maloney	Waterloo
William Henry Mason	Gloversville
Charles Edward Maxwell	Saratoga Springs
William Edward McCormick	Albany
John Ashby McElwain	Cohoes
Maurice James McGrath	Ogdensburg
Walter Daniel McKenna	Troy
Horace Clifford Montgomery	Waddington
Frank Mathias Neuendorf	Albany
Henry Joseph Noerling	Albany
Edmond Joseph O'Donnell	Albany
Abraham Lewis Olshansky	Albany
Chauncey Butler Packard	Troy
Augustus Charles Post	Catskill
Ralph Baker Post	Catskill
Peter Francis Purcell	Salem
Francis Bernard Quinlan	Glens Falls
William Francis Rafferty	Rensselaer
Hiram Burdette Riggs	Canajoharie
Scott Booth Schleiermacher	Bloomington
Emil John Senn	Schenectady
William Thomas Shields, Jr.	Albany
William James Sweeney	Newburg
Abraham Phineas Terk	Troy
Arthur Eddy Wells	Albany
Melvin Thomas Woodhead	Amsterdam

Third Year

Max Alonzo Almy	Corning
Horace Edward Auringer	Cohoes
Bertram Truman Baker	Warrensburg
Clifton Bogardus	Catskill
John Lawrence Both	Lawrence
Joseph Henry Bowers	Albany
John Joseph Cahill	Hudson Falls
Alton Brooks Daley	Coxsackie

NAME	RESIDENCE
Sol Charles Davidson.....	Rochester
John Lounsbury Edwards.....	Randall
George Augustine Green.....	Mechanicville
Paul Pattengill Gregory.....	Welcome
Walter Robert Grunewald.....	Gloversville
John Duncan Gulick.....	Cranbury, N. J.
Vasileos Michael Koundourianes, B. A.	Albany
Royal Estabrook La Grange.....	Glens Falls
Albert Lenz	Johnstown
Norman Howe Liberty.....	Ticonderoga
Charles Immanuel Loeble.....	Troy
William Edgar Low, Jr.	Catskill
Donald Angus MacDuffie.....	Olean
Domenico Carlantonio Mauro.....	Gloversville
William Thomas McCormick.....	Greenwood
Joseph Ambrose McPhillips.....	The Glen
Ward Winthrop Millias, Ph. B.	Valley Falls
James Henry Mitchell, Jr.	Cohoes
Floyd Hazard Moore.....	Herkimer
Clarence Edmond Mullens.....	Albany
Homer Hollett Oaksford.....	Gloversville
Daniel Francis O'Keefe.....	Hadley
Daniel Tobias Read.....	Monck's Corner, S. C.
Fred Lester Ritter	Albany
Michael Augustine Rogers.....	Schuylerville
William Henry Seward.....	Amsterdam
George Aaron Sharp.....	Westfield, Mass.
Charles Edward Stott.....	Albany
Sterling Wallace Todd.....	Hyde Park
William Trotter	Troy
*James John Walsh.....	Waterloo
Floyd Alberti Weed	Catskill
Jerry West	Gallupville
*Arthur Hastings Wheeler	Troy
Ira Condict Whitehead, Jr.	Albany

Second Year

William Alfred Ackroyd, B. S.	East Schodack
Wesley Mason Adams.....	Davenport
*Francis Argus	Buffalo
Glen Beecher.....	Granville
Morris Bryan Becroft.....	Schaghticoke
Orvis Adoniram Brenenstuhl.....	Petersburg
Darwin Alfred Bruce.....	Albany
John Leonard Byrnes.....	Schenectady
William Henry Casey.....	Troy
Garrett Marcellus Clowe.....	Schenectady
Rufus Baker Crain.....	Richfield Springs
Nathaniel Crost	Saratoga Springs
Burke Diefendorf	Fort Plain
Jacob Drooz	Albany
Dwight Guilford Dudley.....	Maine
Harold LaForrest Ellis	Westfield, Mass.
Albert Stuart Ferguson	Schenectady
Hugh Vincent Foley	Watervliet
George Victor Genzmer.....	Pittsfield, Mass.

*Matriculant only.

NAME	RESIDENCE
Elmer Ray Gladstone.....	Shavertown
Hugh Sewell Gregory.....	Horseheads
Raymond Hensel	Buffalo
Edward Bowen Houghton.....	Albany
Guy Swinburne Houghton, A. B.	Albany
Harry Smith Howard.....	Albany
Alson Joy Hull.....	Williamstown, Mass.
Eugene Felner Hull.....	Berlin
Ray Holly Humphrey.....	Rensselaer
William James Jones.....	Amsterdam
Whitney Hotaling Joyce.....	Unadilla
William Herman Ladue.....	Beekmantown
Roy Ludlum Lippincott.....	Campbell Hall
John Wellington Mambert	Churchtown
Schuyler McCulloch Martin.....	Albany
William Frank Mast	Buffalo
Kaymond Francis McAloon.....	Keeseville
*John Thomas McGivern.....	Castleton
Michael Edward Nolan.....	Eagle Bridge
Henry Bernard O'Keefe.....	Luzerne
Elmer Harrison Ormsby.....	South Glens Falls
John Swart Parker	Oneonta
Robert Edward Plunkett	Troy
Francis Anthony Quinlan.....	Allegany
William Carl Rausch, Jr.	Albany
Conrad Aloysius Rissberger.....	Albany
Ernest Charles Schultz	Schenectady
Woodard Shaw	West Hebron
Walter Joseph Smith.....	Port Leyden
Axel Fridolf Swanson	Southampton, Mass.
John Daniel Tidaback	Bloomfield, N. J.
Harold Dwyer Tobin	Chateaugay
Guy Brownell Van Alstine	Canajoharie
Frank John Williams	Utica

First Year

David Wiltsie Beard	Cobleskill
†John Edgar Brewer	North Adams, Mass.
*Stephen Francis Burke	Green Island
John Peter Byrnes.....	Pittsfield, Mass.
Edward James Callahan.....	Mechanicville
Daniel Francis Carmody.....	Albany
George Clay Carter.....	Albany
‡Clarence Cohen	Hempstead
John Kenneth Crandall.....	Wappingers Falls
George Jacob Culver.....	Schenectady
Daniel Sylvester Cunning.....	Troy
Arthur Manning Curran.....	North Adams, Mass.
**Patrick Joseph Daly.....	Richfield Springs
Frederick Graham Decker.....	Rensselaer
Frank Edgerton Deeds.....	Schenectady
**Harry Depan	Indian Lake
William Francis Donohue.....	Amsterdam
Albion James Fitzgerald.....	Albany
Frank Furlong	Highland

*Matriculant only.

†Died Jan. 31, 1911.

‡Part of course.

**Not in attendance.

NAME	RESIDENCE
John Warren Gard	Auburn
Clarence Gardinier	Schenectady
Parker Arthur Groff.....	Rome
Robert Wilhelm Helm.....	Saratoga Springs
†William Joseph Hickey.....	Albany
John Thomas Hopkins Hogan.....	Troy
*Lloyd Louis Hollenbeck.....	Catskill
Calvin Charles Holmes.....	Albany
William Patrick Howard.....	Albany
Edwin Horton Huntington.....	Hopewell Junction
Harry Vincent Judge	Albany
Clarence Giles Kirby	Nassau
Wilbur Foster MacDonald.....	Schenectady
James Breese McCormick.....	Troy
John Stoddard McCormick, Ph. G.	Albany
*James McDermott, Jr.	Schenectady
Thomas Hugh McGrail.....	Albany
John Deering McGuire.....	Arctic, R. I.
Burton Carr Miller, B. S.	Albany
Rollin Huntington Moody.....	Saratoga Springs
Floyd Guy Nellis	Boonville
Vincent John Thomas O'Neill.....	Highland Falls
Julius Joseph Padula	Albany
Harry Day Parkhurst.....	West Winfield
Charles Adelbert Perry	Rome
†Floyd Grendon Reed.....	Albany
Robert Reid, Jr.	Schenectady
Harry Stephen Reynolds.....	Schenectady
Edward Louis Robbins	Syracuse
Arthur Grant Rodgers, Jr.	Watervliet
**John Aloysius Russell, Jr.	Albany
James Israel Schoonmaker	West Coxsackie
Frank Arthur Searle	Southampton, Mass.
Lewis Jeriah Smith	Westfield, Mass.
Theron Smith	Newburgh
William Aloysius Smith	Amsterdam
Bertram Shurter Ten Hagen.....	Rosendale
Leo Ross Tighe	Cohoes
William Bernice Davidson Van Auken.....	Voorheesville
Gregori Osepovitch Volovic	Lowville
William Irving Walsh	Troy
John Waluk	Amsterdam
†Joseph Weschler	Oriskany
Willard Elmer Wheelock.....	Canajoharie
Cecil Charles Whittemore	Albany
Fred DeGrande Wilson	Downsville
Laurence Randolph Worrell	Greene
Harold Greene Wright	Mt. Vision
Harry Theodore Wygant	Watervliet
*Louis Frederick Yavits	Schenectady

*Matriculant only.

†Died Oct. 23, 1910.

**Not in attendance.

‡Part of course.

SUMMARY

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GRADUATES OF 1911

Commencement Exercises Held at Odd Fellows' Hall

Tuesday, May 16, 1911

NAME	RESIDENCE
Martin Joseph A'Hearn	Saratoga Springs, N. Y.
Antonio Martinez Alvarez	San Juan, Porto Rico.
La Verne Adelbert Bouton	Fultonville, N. Y.
Milton Gardner Burch	North Adams, Mass.
Michael Ercole De Luca	Troy, N. Y.
Ray Manier Eaton	North Adams, Mass.
Percy Henry Finch	Broadalbin, N. Y.
Walter Clayton Fox	Troy, N. Y.
Frederick Joseph Garlick	Fall River, Mass.
Bertran Wesley Gifford	Masonville, N. Y.
*Clayton Longueville Gifford	Valley Falls, N. Y.
George Mills Glenn	Albany, N. Y.
James Joseph Hart	Rensselaer, N. Y.
Irwin Johnston	Watervliet, N. Y.
Frederick Louis Kreicker	Troy, N. Y.
Arthur Krida	Schenectady, N. Y.
Harold Arthur Lucas	Rensselaer, N. Y.
Thomas William Maloney	Waterloo, N. Y.
William Henry Mason	Gloversville, N. Y.
Charles Edward Maxwell	Saratoga Springs, N. Y.
William Edward McCormick	Albany, N. Y.
John Ashby McElwain	Cohoes, N. Y.
Maurice James McGrath	Ogdensburgh, N. Y.
Walter Daniel McKenna	Troy, N. Y.
Horace Clifford Montgomery	Waddington, N. Y.
Frank Mathias Neuendorf	Albany, N. Y.
Henry Joseph Noerling	Albany, N. Y.
Edmond Joseph O'Donnell	Albany, N. Y.
Abraham Lewis Olshansky	Albany, N. Y.
Chauncey Butler Packard	Troy, N. Y.
Augustus Charles Post	Catskill, N. Y.
Ralph Baker Post	Catskill, N. Y.
Peter Francis Purcell	Salem, N. Y.
Francis Bernard Quinlan	Glens Falls, N. Y.
William Francis Rafferty	Rensselaer, N. Y.
Hiram Burdette Riggs	Canajoharie, N. Y.
Scott Booth Schleiermacher	Bloomingburg, N. Y.
Emil John Senn	Schenectady, N. Y.
William Thomas Shields, Jr.	Albany, N. Y.
William James Sweeney	Newburg, N. Y.
Abraham Phineas Terk	Troy, N. Y.
Arthur Eddy Wells	Albany, N. Y.
Melvin Thomas Woodhead	Amsterdam, N. Y.

* Mr. C. L. Gifford not being of legal age did not receive his degree at this time.

PRIZES AND HOSPITAL APPOINTMENTS

1911

- Vander Poel prize, for best bedside examination in general medicine, to Dr. Ray M. Eaton. Honorable mention to Dr. A. Martinez Alvarez.
- Vander Veer-Macdonald prize, for best report of surgical clinics to Dr. William F. Rafferty.
- Morrow-Traver prize, for second best report, to Dr. Abraham L. Olshansky.
- Merrill prize, for best final examination in ophthalmology, to Dr. Percy H. Finch.
- Townsend prize, for best examination in physiology at end of first year of study, to Mr. Gregori O. Volovic.
- Boyd prize, for best final examination in obstetrics, to Dr. Scott B. Schleiermacher.
- Nellis prize, for best final senior examination, to Dr. Percy H. Finch. Honorable mention to Drs. Henry J. Noerling, A. Martinez Alvarez and Hiram B. Riggs.
- Daggett trust prizes, for best anatomical preparations, to Dr. Arthur Krida.
- Daggett trust prizes, for the best department, first to Dr. Arthur E. Wells; second to Dr. Horace C. Montgomery.
- Bedell prize, for the best report of eye and ear clinics, to Dr. Horace C. Montgomery.
- Appointed Essayist for 1912, Paul P. Gregory; alternate, William H. Seward.
- ALBANY HOSPITAL APPOINTMENTS—Drs. Ray M. Eaton, A. Martinez Alvarez, Hiram B. Riggs, Henry J. Noerling, Ralph B. Post, Walter C. Fox, Harold A. Lucas and Arthur E. Wells.
- ASSISTANTS IN BACTERIOLOGY AND PATHOLOGY, BENDER LABORATORY—Drs. Wardner D. Ayer ('10), and William D. Allen ('10).
- ST. PETER'S HOSPITAL—Drs. Frederick J. Garlick, Scott B. Schleiermacher, Frank M. Neuendorf and Edmond J. O'Donnell.
- HOMEOPATHIC HOSPITAL, Albany—Drs. George M. Glen, James J. Hart, William E. McCormick and Charles E. Maxwell.
- TROY HOSPITAL—Drs. Michael E. DeLuca, Walter D. McKenna, Chauncey B. Packard and Francis B. Quinlan.
- SAMARITAN HOSPITAL, Troy—Dr. Irwin Johnston, Clayton L. Gifford and Dr. William T. Shields, Jr.
- ELLIS HOSPITAL, Schenectady—Drs. LaVerne, A. Bouton, Emil J. Senn and Melvin T. Woodhead.
- PHYSICIANS' HOSPITAL, Schenectady—Dr. Maurice J. McGrath.
- COHOES HOSPITAL—Dr. Frederick L. Kreicker.
- ROCHESTER CITY HOSPITAL—Dr. Abraham P. Terk.
- ROCHESTER GENERAL HOSPITAL—Dr. Thomas W. Maloney.
- BELLEVUE HOSPITAL, New York City—Dr. Arthur Krida.
- MASSACHUSETTS GENERAL HOSPITAL, Boston—Dr. James A. McElwain.
- ARNOT-OGDEN MEMORIAL HOSPITAL, Elmira—Dr. Milton G. Burch.
- CHAMPLAIN VALLEY HOSPITAL, Plattsburg—Dr. Horace C. Montgomery.
- SENEY HOSPITAL, Brooklyn—Dr. Bertran W. Gifford.
- MT. SINAI HOSPITAL, New York City—Dr. Abraham L. Olshansky.
- J. HOOD WRIGHT HOSPITAL, New York City—Dr. William J. Sweeney.

MEDICAL STUDENT EXAMINATIONS

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 unless matriculated conditionally as hereinafter specified, he had either graduated from a registered college or satisfactorily completed a full course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or held a regents' medical student certificate; or passed regents' examinations securing 60 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally as hereinafter specified. A medical school may matriculate conditionally a student deficient in not more than one year's academic work or 15 counts of the preliminary education requirement provided the name and deficiency of each student so matriculated be filed at the regents' office within three months after matriculation, and that the deficiency be made up before the student begins the second annual medical course counted toward the degree.

Regents Revised Rules

In determining a candidate's qualifications for matriculation in a medical school or for admission to the medical licensing examinations, the Regents will accept as equivalent to the required academic education any one of the following:

a A certificate of having successfully completed at least one full year's course of study in the collegiate department of any college or university registered by the Regents as maintaining a satisfactory standard. Certificates should be issued in due form by the president, dean or principal of the institution; and should be executed under seal or acknowledged before a notary, unless the institution is in the University of the State of New York and the signature of the officer issuing is well known in the Education Department.

b A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed academic course. Three full academic years of satisfactory work may be accepted as such an academic course if completed before August 1, 1896; four full academic years to be afterward required.

c A Regents academic diploma, or 48 Regents academic counts earned under any syllabus prior to that of 1905, 60 such counts earned under the latter syllabus as specified below.

d A certificate of graduation from a registered gymnasium in Germany, Austria or Russia.

e A certificate of the successful completion of a course of five years in a registered Italian ginnasio and three years in a liceo.

f The bachelor's degree in arts or science, or substantial equivalents from a registered institution, in France or Spain.

g A credential from a registered institution or from the government in a state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy, or from a registered Prussian gymnasium.

h Evidence of completion in a registered school of one or more years of satisfactory high school work, and Regents examinations in subjects representing the balance of the required four-year course.

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.

A candidate that is unable to offer a certificate from a registered institution of having done the required academic work on presenting to the Regents satisfactory evidence of the fact that, and the time when, such work was done, may after demonstrating sufficient educational proficiency by passing Regents examinations, have a Regents certificate showing that the required preliminary academic education was acquired at the time established by the said evidence.

After February 1, 1911, the medical student certificate issued upon examination, must be earned as follows:

English, three years, 10 counts; elementary algebra, 5 counts; plane geometry, 5 counts; physics and chemistry, 10 counts, or physics and biology, 10 counts, or chemistry and biology, 10 counts; any second year foreign language, 10 counts; American history with civics, 5 counts; electives, 15 counts.

The electives shall be, English fourth year, 3 counts; Latin second year, or Greek second year, or French second year, or German second year, or Spanish second year, or Italian second year, or Hebrew second year, 10 counts; advanced algebra, 5 counts; advanced arithmetic, 2 counts; physical geography, 5 counts; ancient history, 5 counts; history of Great Britain and Ireland, 5 counts; modern history I, 3 counts; modern history II, 3 counts; economics, 2 counts; elementary bookkeeping and business practice, 3 counts; advanced bookkeeping and office practice, 5 counts; shorthand I, 5 counts; shorthand II, 5 counts; elementary representation, 2 counts; advanced design, 2 counts; advanced representation, 2 counts. Partial equivalent qualifying certificates must be based on the same group requirements.

Only candidates for qualifying certificates who entered examinations for such certificates prior to February 1, 1911, may secure the same prior to January 1, 1912, on earlier requirements."

This means that all candidates taking Regents examinations for the first time in the June, 1911, examination or thereafter must earn the medical student certificate as specified. It means also that candidates who have already taken some examination to earn a 60 count qualifying certificate in general subjects must complete the requirements in the September, 1911, examinations.

This new rule applies to students in the school who seek to earn qualifying certificates upon examination as well as to those who take the special examinations given by the Department at Albany, Buffalo, New York and Syracuse.

Hereafter only candidates for qualifying certificates, who are not enrolled in a school giving Regents examinations, will be admitted to the special examinations at Albany, Buffalo, New York and Syracuse, and all such candidates must secure admission cards from Albany 10 days in advance of the examination.

If the requirements on the older basis are not completed in the September, 1911, examinations, candidates entitled to enter the same will be informed, on application, what additional examinations it will be necessary for them to pass under the provisions of this rule.

When all requirements are fulfilled, the Regents grant on receipt of 25 cents a medical student certificate, which shows the subjects and their values.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college.

Dates of Regents examinations for the academic year 1911-1912: 1911, September 18-20; 1912, January 15-19; June 17-21; September 9-11.

NOTE—September examinations will be held in Albany for medical students, and also in New York, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing Examinations Division, New York State Education Department, Albany N. Y.

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 (Form 1).
2. Certificate of moral character from not less than two physicians in good standing (Form 1).

3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state; 45 counts or equivalent before beginning first medical year, 60 counts or equivalent before beginning the second. (Medical student certificate. See handbook No. 3, Examinations).

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." (Form 2.)

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 Michigan, Ohio, Vermont, Delaware, Indiana, Utah and Wisconsin 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 different 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:

DATES		PLACES
1911	1912	New York
Sept. 26-29	Jan. 30-Feb. 2	Albany
	May 14-17	Syracuse
	June 25-28	Buffalo
	Sept. 17-20	Each candidate is notified as to exact place

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

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

STUDENTS' CLUB, BRANCH OF ALBANY Y. M. C. A.

Organized in 1906; its object being to deepen the spirituality of college men and encourage the most helpful and co-operative relationships between the students of Albany. Club rooms have been maintained yearly for students. This fall we purpose maintaining a real home for students, a students' club house, where will be found the best of reading, a piano, pool table and comfortable sitting room. Board and room may be had here for an amount per week proportionate with actual cost of same.

Student committees will continue as heretofore. Study classes will be organized to meet the needs of college men.

Students coming to Albany for their first year's work will be met at the respective colleges by club members who will gladly give any information, and assist all such men to find good rooming and boarding houses.

THE 1912 SKULL

The Senior Class announce that on or about March 1, 1912, they will publish the third volume of *THE SKULL*. The book will contain illustrations and literary material relating to the faculty, classes, fraternities, clubs and other matters of interest. *THE SKULL* board requests the co-operation of the students, faculty and alumni in making the book creditable to the college and interesting to its friends. Communications should be addressed to Ward W. Millias, Editor-in-Chief; Max A. Almy, Business Manager, or Donald A. MacDuffie, Art Editor.

ALBANY LAW SCHOOL

DEPARTMENT OF LAW—UNION UNIVERSITY
ESTABLISHED 1851.

The law school occupies a building wholly devoted to its use. It is situated upon one of the finest avenues in the city in close proximity to the Capitol, State Law Library, Law courts, etc.

With the term ending June 8, 1911, the school completed its sixtieth year. Since its establishment upwards of six thousand students have attended its lectures and among its graduates are numbered many of the most successful and honorable members of the bench and bar, and of the executive departments of the country.

It has been and is the aim of the school to combine, as thoroughly as possible, the theoretical and practical in its scheme of instruction.

The local advantages of the city of Albany as the seat of a school of instruction in the law are unsurpassed.

The course leading to the degree of LL.B. is three years.

The course for students wishing to complete their studies preparatory to the bar examinations is one year preceded by two years in a law office.

The next course begins September 19, 1911.

For catalogues or further information, address

Albany Law School,
Albany, N. Y.

JOHN J. HUGHES, Registrar.

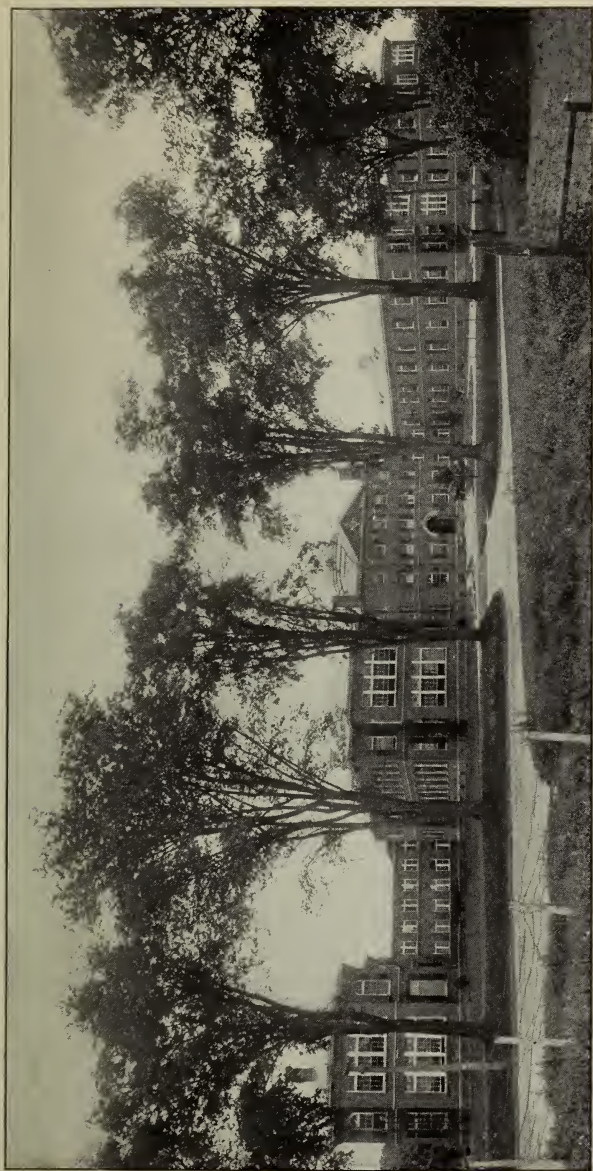
DUDLEY OBSERVATORY, ALBANY

The Dudley Observatory was founded in 1852. In 1874 it became, by act of the legislature, a department of Union University. It is located on Lake Avenue, southwest of Washington Park. Visitors are admitted only on Tuesday evenings, from 8 o'clock to 10, and on passes obtained from the members of the board of trustees.

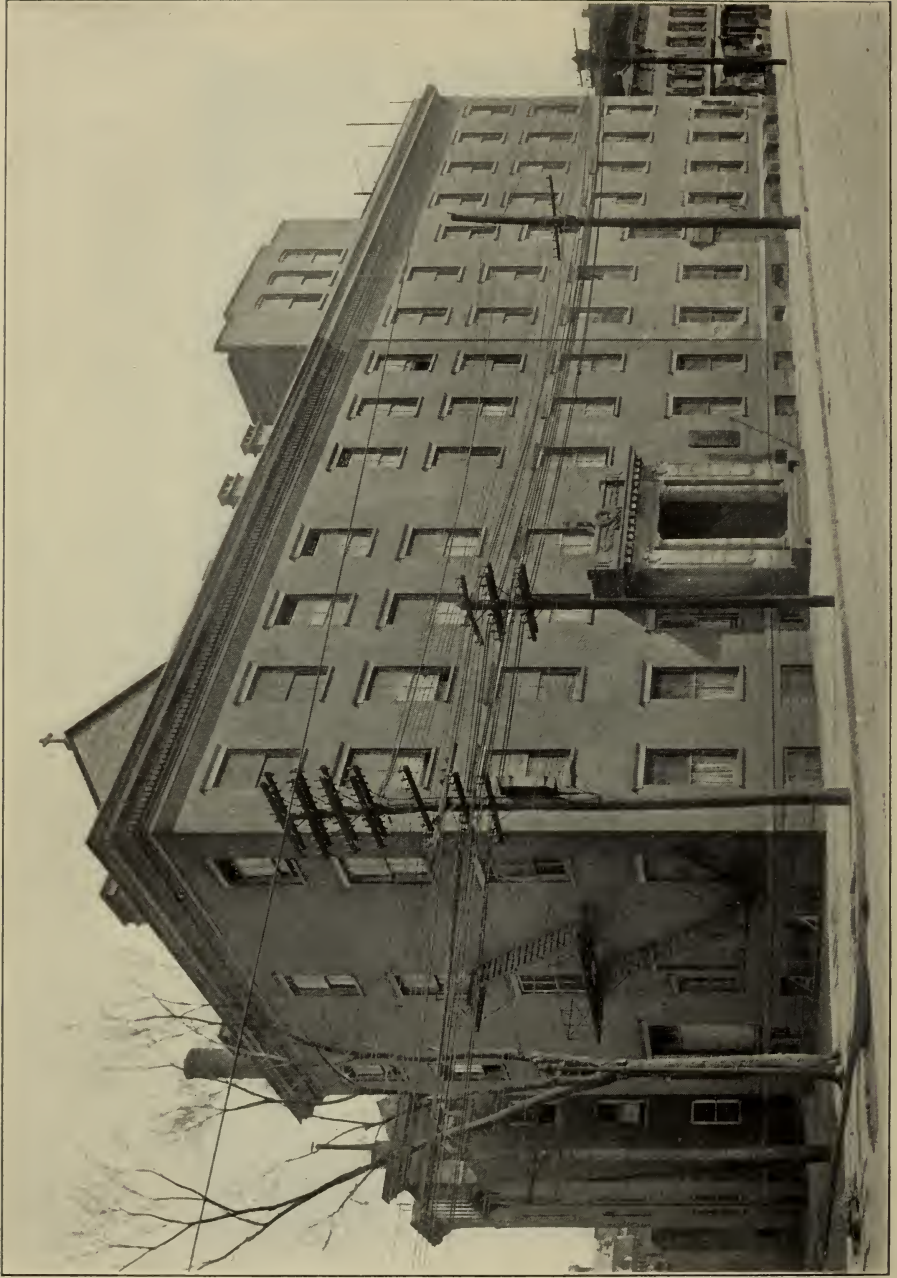
Instruction is given to special students.

For further information, address

PROFESSOR LEWIS BOSS, LL.D.,
Director of the Dudley Observatory,
Albany, N. Y.



THE ALBANY HOSPITAL
Incorporated 1840



ST. PETER'S HOSPITAL

ALBANY MEDICAL ANNALS

The ALBANY MEDICAL ANNALS was established in 1880 for the purpose of recording the transactions of the Medical Society of the County of Albany, and items of medical interest to the medical profession generally. In 1891 the 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 yearly volume now consists of approximately nine hundred text pages.

The ANNALS is published on the first of every month. The subscription price is two dollars a year in advance.

Original articles, items of medical importance and correspondence upon topics of current interest are solicited.

Communications and subscriptions should be addressed

ALBANY MEDICAL ANNALS,
170 Washington Avenue, Albany, N. Y.

ALBANY HOSPITAL TRAINING SCHOOL FOR NURSES

The training school for nurses was organized in December, 1896, and incorporated in April, 1897. Its objects are the improvement of the nursing service in the Albany Hospital and the education of nurses. A three year course of instruction has been adopted, including lectures by the members of the medical and surgical staffs of the hospital and other physicians, recitations to the Superintendent of Nurses, and practical ward instruction in the care of the sick and injured under the direction of graduate nurses.

Pupils are received as probationers, and after acceptance by the Superintendent of the Training School, enter upon the regular course of study.

No fees are charged for instruction, the services rendered in the wards of the hospitals being accepted as an equivalent. After the first three months an allowance of seven dollars a month for necessary expenses, clothing, books, etc., is granted the pupils of the school.

No applicants are considered who do not express their willingness and intention to remain throughout the full course of three years. For information address,

SUPERINTENDENT OF THE TRAINING SCHOOL,
Albany Hospital, Albany, N.Y.

UNION COLLEGE

The college offers undergraduate courses leading to the degrees of A. B., Ph. B., B. S., and B. E., as follows:

1. *Courses leading to the degree of A. B.*

CLASSICAL COURSE A.—Greek is required for admission to this course. Latin and Greek are required for two years, and are elective for the remainder of the course.

CLASSICAL COURSE B.—This course may be pursued by candidates who satisfy the requirements for admission to the Ph. B. course. Greek is begun on entrance and required for four years.

2. *Course leading to the degree of Ph. B.*

This course offers Latin without Greek.

3. *Course leading to the degree of B. S.*

This course is based upon the study of mathematics and sciences, with extended work in English and other modern languages.

4. *Courses leading to the degree of B. E.*

GENERAL ENGINEERING COURSE.—This course offers the foundation of a broad engineering education, comprising mathematics, the sciences, the fundamental principles of the special branches of the profession, some training in history and economics, a knowledge of both French and German and a course in English.

SIX-YEAR PH. B.-B. E. COURSE.—This course combines the above four-year engineering course, including both its options, with the Latin scientific course.

SANITARY ENGINEERING COURSE.—This differs from course 4 in substituting special work in sanitary engineering for some of the general engineering studies.

ELECTRICAL ENGINEERING COURSE.—This course is intended to give a broad and thorough engineering education, with the specific instruction requisite for electrical engineering.

5. *Courses leading to graduate degrees.*

COURSE LEADING TO DEGREE OF M. C. E.—This course of one year's graduate study consists of lectures, laboratory practice and research work.

COURSE LEADING TO DEGREE OF M. E. E.—This course of one year's graduate study consists of lectures, laboratory practice and research work.

COURSE LEADING TO DEGREE OF PH. D.—This course of two years' graduate study requires for admission the degree of M. E. E. or an equivalent.

Students in full standing at the end of Junior year having the profession of medicine in view are permitted to take the first year studies of the Albany Medical College as a substitute for the studies of the first two terms of the senior year in Union College. This enables medical students to lessen the time of their academic and professional studies by one year.

Schenectady offers peculiar advantages to the student of engineering, and special facilities for the study of electrical engineering are afforded by the co-operation of the General Electric Company.

The fee for tuition is, in the academic courses, \$90 a year, and in the engineering courses \$150 a year; room rent in the college dormitories is \$60 to \$75 a year additional. Board can be had for from \$4 to \$5 a week. Some scholarships are granted under conditions stated in the college catalogue.

Commencement occurs always on the second Wednesday of June. Fall term of 1911 begins September 18. Entrance examinations are held on the Thursday and Friday immediately following Commencement, and on the Monday, Wednesday and Thursday of the first week of the fall term.

For catalogue, address

SECRETARY OF THE FACULTY, UNION COLLEGE,
Schenectady, N. Y.

ALBANY COLLEGE OF PHARMACY

Department of Pharmacy, Union University

SESSION OF 1911-1912

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The thirty-first session will open on Monday, October 2, 1911, and close April 23, 1912. The college is centrally located at 43-45 Eagle Street.

FACULTY

CHARLES ALEXANDER RICHMOND, D. D., LL. D.,
Chancellor of the University

WILLIS GAYLORD TUCKER, M. D., PH. D., DEAN
Professor of Chemistry and Toxicology

ALFRED BIRCH HUESTED, M. D., PH. G.
Professor of Botany, Materia Medica and Physiology

GUSTAVUS MICHAELIS, PH. G.
Emeritus Professor of Pharmacy

THEODORE JAMES BRADLEY, B. S., PH. G., *Secretary*
Adjunct Professor of Inorganic Chemistry and Mathematics

GARRET VANDER VEER DILLENBACK, PH. G.
Associate Professor of Pharmacy

EDWIN CUNNINGHAM HUTMAN, PH. G.
Director of Pharmaceutical Laboratory

WILLIAM ATWOOD LARKIN, PH. G.
Instructor in Physics and Chemistry

SPENCER LYMAN DAWES, M. D.
Director of Microscopical Laboratory

JARED WATERBURY SCUDDER, A. M.
Instructor in Latin

WARREN LANSING BRADT, PH. G.
Lecturer on Pharmaceutical Jurisprudence

WILLIAM WALKER GIBSON, PH. B., PH. G.
Instructor in Commercial Pharmacy

Two year graded course. Instruction by lecture, recitation and practical laboratory work. Curriculum includes theoretical and applied Chemistry and Toxicology, Pharmacy, Materia Medica, Botany, Microscopy, Pharmacognosy, Mathematics, Physics, Physiology and Latin.

FEES:

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INCORPORATED FEBRUARY 6, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 2774. Names and addresses upon the roll, 1561. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee who serve for three years, are elected annually.

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