1888

University of Vermont, College of Medicine Bulletin

University of Vermont

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TWENTY SECOND ANNUAL
ANNOUNCEMENT AND CATALOGUE
OF THE
Winter Course of Instruction,
Preliminary to the Regular Spring Course,
--OF THE--
Medical Department
OF THE
University of Vermont.
SESSION OF 1888-1889.

BURLINGTON, VERMONT.
TWENTY-SECOND ANNUAL

ANNOUNCEMENT AND CATALOGUE

OF THE

Winter Course of Instruction

PRELIMINARY TO THE

Regular Spring Course

OF THE

Medical Department

OF THE

UNIVERSITY OF VERMONT.

SESSION OF 1888-1889.

BURLINGTON, VT.

BURLINGTON:
R. S. STYLES, STEAM BOOK AND JOB PRINTER.
1888.
Board of Instructors.

A. P. GRINNELL, M. D., Theory and Practice of Medicine. 
Attending Physician to Mary Fletcher Hospital.

A. J. WILLARD, A. M., M. D., Chemistry and Toxicology.

J. B. WHEELER, M. D., Principles and Practice of Surgery. 
Attending Surgeon to Mary Fletcher Hospital. 
President of the Board.

H. C. TINKHAM, M. D., General and Special Anatomy. 
Secretary of the Board.

JO H. LINSLEY, M. D., Physiology and Microscopic Anatomy. 
Instructor in Clinical Microscopy. 
Post Graduate Medical College, New York.

J. H. WOODWARD, B. S., M. D., Materia Medica and Therapeutics. 
Consulting Surgeon to Mary Fletcher Hospital.

WM. B. GIBSON, M. D., C. M., Obstetrics and Diseases of Women and Children. 
Attending Physician to Mary Fletcher Hospital.
THE TWENTY-THIRD SESSION of the Winter Course of Instruction of the Medical Department of the University of Vermont will commence

Thursday, *November* 1st, *1888,*

and continue until the last of February, 1889.

The success of this Course of Lectures as an adjunct to the regular course of the Medical College, has already been established. The large and increasing attendance from year to year is sufficient evidence that it fully meets the demands of the students, especially those beginning the study, and the standing in the final examination of those attending this course clearly demonstrates the practical benefits of this plan of instruction.

Attendance upon this term is voluntary, and is not included in the requirements for graduation.

The Plan of Instruction

comprises a systematic course of lectures, at the College, in the seven departments of Medicine and Surgery, viz; Anatomy, Physiology, Chemistry, Materia Medica, Surgery, Obstetrics and Practice of Medicine.

It includes practical work in the laboratory and dissecting room, and clinical work at the Hospital.

Three lectures, clinical or didactic, occupy the morning hours from 9 to 12. The afternoon and evening of each day are left free for general study, dissection and such special work as the student may select.
**Outline of the Course.**

**PRACTICE OF MEDICINE.**

**DR. A. P. GRINNELL.**

In this department are embraced the study of Pathology and Morbid Anatomy, the diagnosis, clinical progress and treatment of disease.

The lectures are clinical and didactic. The Hospital affords material for clinical exemplification. The lectures are illustrated by the employment of casts, morbid specimens from the museum, and recent material afforded by dissections and autopsies.

**CHEMISTRY AND TOXICOLOGY.**

**DR. A. J. WILLARD.**

The course in this department embraces the principles of chemistry, its nomenclature and notation, the composition and reaction of medicinal compounds, the principal poisons and their antidotes.

Dr. Willard is assistant to the Chair of Chemistry, and follows the course of Prof. Witthaus. Students will find an advantage in the intimate connection of the two courses thus established. Dr. Willard's course will be important as a preparation for those who intend taking the chemistry lectures and examination of the Spring Term.

**THE PRINCIPLES AND PRACTICE OF SURGERY.**

**DR. JOHN B. WHEELER.**

In this course are included surgical pathology, the methods of repair, and the approved manner of conducting the different operations. The instructor exemplifies the application of bandaging, the antiseptic dressing, and the application of splints in fractures. He aims to make the surgical clinics of practical value, and does before the class the operations which the clinical advantages of the Hospital afford.
ANATOMY.
DR. H. C. TINKHAM.

A complete course in surgical, general and descriptive Anatomy will be given. Each lecture will be fully illustrated by recent dissections, anatomical preparations, charts and drawings.

The object will be to render the instruction thoroughly practical: special consideration being given to the relations of anatomy to surgery. During the lectures on osteology students will be furnished with the individual bones so far as is possible.

PHYSIOLOGY, MINUTE ANATOMY, URINOLOGY.
DR. JO H. LINSLEY.

A regular series of didactic lectures, reviews and recitations is given. The functions of organs are illustrated by experiments and operations upon animals. The minute anatomy of the various tissues is demonstrated by the aid of the microscope.

The instructor gives practical lectures upon uroscopy, and explains the most reliable methods of conducting urinary analysis.

His clinics illustrate disease of the kidneys, and the actual examination of specimens of morbid urine.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.
DR. W. B. GIBSON.

This course consists of didactic lectures, recitations, reviews and clinical instruction. The lectures will be illustrated by an elaborate collection of diagrams and natural preparations. Practical demonstrations are made with the manikin. Obstetrical instruments are exhibited, their uses explained, and operative procedures fully described.

MATERIA MEDICA AND THERAPEUTICS.
DR. J. H. WOODWARD.

This course will be preparatory to that given in this department during the regular term. Both the physiological and therapeutical relations of the principal drugs will be thoroughly discussed, and the principles of prescription writing will be taught.
Every Saturday morning during the term medical and surgical clinics are held by the instructors in rotation. At these many important operations are performed in the presence of the class, and the application of surgical dressings exemplified.

Patients suffering from various forms of disease are brought before the class and treatment demonstrated.

Persons thus prescribed for and treated in Hospital subsequently appear before the students, so that the progress and result of treatment may be studied.

The surgical clinics are held in the Hospital Amphitheatre, a commodious and beautiful room, connected by a corridor to the main building.

THE ADVANTAGES OF THE WINTER COURSE.

Every effort is directed to make the course essentially practical and demonstrative. By bringing into prominence the important points in the several departments, it prepares the student to take the utmost advantage of the regular public course which follows.

It allows time for general and comprehensive reading.

It informs the student what to study, and how to select what shall be of the greatest utility out of the immense mass of medical literature.

It gives time for dissecting and for laboratory work. The dissecting room is open to all students. Material is furnished free. Those who do not care to dissect can see all the parts dissected and listen to the demonstrations and examinations. The instructors,
on account of their relations with the College, are in accord with the principles of instruction which control the public course.

The two courses, Winter and Spring, while independent and separate, are in perfect harmony.

It is a source of satisfaction to all friends of medical learning that so many young men are impressed with the importance of spending two terms each year in their professional studies. Thereby the student is better established in the principles of medicine. By this extra course he becomes better fitted to pass the ordeal of examination requisite for graduation.

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HOLIDAY RECESS.

The term is divided into two equal parts by the Christmas holidays.

The recess will begin Saturday noon, December 22d. Lectures will be resumed Thursday morning, January 3d.

There will be no lectures on the day of the annual Thanksgiving.

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Certificates.

At the close of the session each member of the class is presented with a Certificate of Attendance. The Medical Department of the University of Vermont allows the attendance upon this term to count for six months in the three years of study required of candidates for graduation.
THE NEW MEDICAL COLLEGE

is a handsome and substantial brick building, situated on the north side of College green, and commands a view of the City of Burlington and vicinity.

It is complete in its appointments, and well adapted to the work of a Medical School.

It has an amphitheatre capable of accommodating three hundred and fifty students, a dissecting hall, a chemical laboratory, rooms adapted to work with the microscope, a materia medica cabinet, reception room, reading room, janitor's apartments, and a commodious basement furnished with modern conveniences.

THE MUSEUM

of Anatomy and Pathology is systematically arranged, and contains an extensive series of preparations, wet and dry; exhibiting the normal and morbid anatomy of the different organs and tissues of the human body; a large number of specimens in comparative anatomy; an ample collection of models, charts, instruments, etc., which are readily accessible to the members of the class, and contribute to the interest of the lectures.

THE DISSECTING ROOM

occupies the entire upper floor of the large wing of the College building. It is well lighted, warmed, ventilated and fitted with modern appliances.

THE LECTURE ROOM

for the Winter Course has been arranged expressly for this term, and is capable of seating a class of one hundred students. It is on the first floor of the building, occupying the east half, and is directly opposite the Museum.
PRACTICAL ANATOMY.

Dissections are made in the College dissecting Room. This department is under the direct supervision of the Instructor in Anatomy, who is Demonstrator also for the regular Spring Course. Classes are formed the first of January. Inasmuch as a course in dissection are among the requirements for graduation, students are strongly recommended to dissect during this term.

Each student will be examined on each part dissected, and his standing kept for reference in the final examination.

The Practical Anatomy fee of $10 includes material, and entitles each student to all the advantages of the dissecting room during the Winter and Spring Course, without further charge. Every new matriculant will be required to take out the Practical Anatomy fee, either in the Preliminary or Regular term.

LABORATORY UROSCOPY.

The Instructor in Physiology, Dr. Linsley, will form special classes for laboratory work in urinary analysis. Each student may thus have the opportunity of performing, under an expert, all the analyses customary in a complete course in this branch, including qualitative and quantitative analysis, the study of urinary deposits with the microscope, and the method of mounting specimens. This laboratory course is optional.

Students who take this course are subjected to an examination at its close. Those who pass this examination receive a Diploma, issued by Professor Witthaus.

Fee for Course, (including material and diploma,) $10.00.

NORMAL HISTOLOGY.

Classes in this branch will be formed by Dr. Linsley. The course will consist of practical work with the Microscope, the preparing and mounting of tissues for microscopical examination, &c.

An examination of students taking this course will be held in December. Fee for the Course, $10.00.
OPERATIVE SURGERY.
POST GRADUATE COURSE.
JOHN B. WHEELER, M. D., INSTRUCTOR IN SURGERY.

A practical course of surgical operations upon the cadaver will be given, for the benefit of practitioners of medicine. This course is designed to afford the general practitioner an opportunity of familiarizing himself with the practical details of operative surgery. Demonstrations of the various surgical operations will be given by the Instructor in Surgery, and the members of the class will perform each operation on the cadaver, under his direction. The course embraces ligation of all the principal arteries, the various excisions and amputations, the surgery of the intestines, plastic operations and such special operations as tracheotomy, intubation, cesophagotomy, trephining, nephrectomy and nephrotomy, lithotomy, &c.

The course will begin on the first Wednesday of December, 1888, and will continue two weeks. Each lesson will be from one to two hours long. Fee for the course, $15.00.

OPERATIVE SURGERY. STUDENTS' COURSE.
JOHN B. WHEELER, M. D., INSTRUCTOR IN SURGERY.

The Students' Course in Operative Surgery, similar in all respects to the above, will be given in the early part of the regular term. Fee for the course, $15.00.

TEXT BOOKS.

The following is a list of authors whose works are recommended to the members of the class for study and reference, in conjunction with the lectures:


Chemistry.—Witthaus' Manual, Wurtz, Neubauer and Vogel's Examination of Urine.

Theory and Practice.—Loomis, Flint, Roberts, Niemeyer, Delafield's Post Mortem Examinations.

Obstetrics.—King's Manual, Leishman, Playfair, Lusk.

Diseases of Women.—Thomas, Barnes, Byford.

Diseases of Children.—Steiner, Smith, Day.


Surgery.—Bryant, Druitt, Gross, Heath's Minor Surgery.
Expenses.

FEES FOR THE COURSE, ........................................... $30.00

In addition there is charged each student a

PRACTICAL ANATOMY Fee, ........................................ 10.00

Registration Fee, .................................................. 5.00

Students who have attended two full Winter Courses of instruction at this College may attend the Course on payment of Registration.

Graduates of regular medical schools may take the course without payment of fee.

After registering, every student is furnished with a certificate entitling him to a half fare ticket on all railroad and steamboat lines running into Burlington.

All fees for the course must be paid before the end of the second week of lectures.

Letters of inquiry should be addressed to

Dr. H. C. TINKHAM, Secretary.

234 Main St.

BOARD

may be obtained for from $3.50 to $5.00 per week. The Secretary is prepared to assist students in securing suitable boarding places. Those who desire to board themselves may find good accommodations at low rates. Many adopt this mode of living at a saving of expense. Bedding and culinary utensils are furnished with the rooms.
ATTENDING THE WINTER COURSE—SESSION OF 1887–1888.

<table>
<thead>
<tr>
<th>Name</th>
<th>Town/State</th>
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<tbody>
<tr>
<td>A. S. Ayres</td>
<td>South Hadley, Massachusetts.</td>
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<tr>
<td>W. A. Brown</td>
<td>Barre Plains, Massachusetts.</td>
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<tr>
<td>Cassius Burdick</td>
<td>St. Johnsbury, Vermont.</td>
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<td>E. B. Belding</td>
<td>Syracuse, New York.</td>
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<td>A. S. Cummins</td>
<td>.South Berwick, Maine.</td>
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<td>Almon Cooper</td>
<td>Bridgeport, Connecticut.</td>
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<td>A. C. Czibulka</td>
<td>.Glover, Vermont.</td>
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<tr>
<td>G. C. Dean</td>
<td>.Harvey, New Brunswick.</td>
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<tr>
<td>J. D. Ferguson, Jr.</td>
<td>.Monkton, Vermont.</td>
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<td>F. D. Falby</td>
<td>.Burlington, Vermont.</td>
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<td>W. H. Harris</td>
<td>.Boston, Massachusetts.</td>
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<td>C. S. Jenne</td>
<td>.East Hampton, Massachusetts.</td>
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<td>J. F. Langan</td>
<td>.East Burke, Vermont.</td>
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<tr>
<td>J. J. Murphy</td>
<td>.West Troy, New York.</td>
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<tr>
<td>Fred A. Newell</td>
<td>.Highgate, Vermont.</td>
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<td>R. M. Pelton</td>
<td>.Brookfield, Vermont.</td>
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<tr>
<td>Frank J. Partridge</td>
<td>.St. Albans, Vermont.</td>
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<tr>
<td>F. Rainville</td>
<td>.Dedham, Massachusetts.</td>
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<td>G. W. Shattuck</td>
<td>.St. Albans, Vermont.</td>
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<td>F. W. Sears</td>
<td>.West Randolph, Vermont.</td>
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CATALOGUE OF STUDENTS
The Thirty-sixth Regular Public Course
of Lectures in the Medical Department
of the University of Vermont,
will begin on the
Last Thursday of February, 1889, and continue Twenty Weeks.

FACULTY OF MEDICINE:

MATTHEW H. BUCKHAM, D. D., President.

JOHN ORDRONAUX, M. D., LL. D., New York City,
Emeritus Professor of Medical Jurisprudence.

A. F. A. KING, A. M., M. D., Washington, D. C.,
Professor of Obstetrics and Diseases of Women.

A. P. GRINNELL, M. D., Burlington, Vermont,
Dean of the Faculty,
Professor of the Theory and Practice of Medicine.

R. A. WITTHAUS, A. M., M. D., New York City,
Professor of Chemistry and Toxicology.

J. HENRY JACKSON, A. M., M. D., Barre, Vermont,
Professor of Physiology and Microscopic Anatomy.

J. WILLISTON WRIGHT, M. D., New York City,
Professor of Principles and Practice of Surgery.

WM. B. TOWLES, M. D., University of Virginia,
Professor of General and Special Anatomy.

J. HAYDEN WOODWARD, A. M., M. D., Burlington, Vt.,
Professor of Materia Medica and Therapeutics.
Professors of Special Subjects.

ROBERT WILLIAM TAYLOR, New York City,
Professor of Diseases of the Skin and Venereal Diseases.

STEPHEN MARTINDALE ROBERTS, A. M., M. D., N. Y. City,
Professor of Diseases of Children.

ADRIAN THEODORE WOODWARD, M. D., Brandon, Vt.,
Professor of Surgical Diseases of Women.

WILLIAM OLIVER MOORE, M. D., New York City,
Professor of Diseases of Eye and Ear.

WILDER L. BURNAP, A. M., Burlington, Vt.,
Professor of Medical Jurisprudence.

A. M. PHELPS, M. D., New York City,
Professor of Orthopedic Surgery.

GEORGE B. HOPE, M. D., New York City,
Professor of Diseases of Throat.

JOHN A. MEAD, M. D., Rutland, Vt.,
Professor of Hygiene and Sanitary Science.

HENRY C. TINKHAM, M. D., Burlington, Vt.,
Adjunct to the Chair of Anatomy and Demonstrator of Anatomy.
Fees for the Regular Session.

Matriculation Fee, Payable Each Term, $5.00
Fees for the Full Course of Lectures by all the Professors, 75.00
Perpetual Ticket, 125.00
Examination Fee, not returnable, 25.00
Demonstrator's Fee, required of every new matriculant,
(including Dissecting Material, payable but once), 10.00

Students who have already attended two full courses of lectures in other regular schools, are admitted on paying the matriculation fee and $40.00.

Students who have attended one full course in some regular established medical school, and one full course in this College, are admitted to a third course on paying the matriculation fee and $25.

Theological students and clergymen are admitted on payment of matriculation fee only; but such students receive no ticket or certificate of attendance.

The Mary Fletcher Hospital

has been in successful operation for eleven years. A large additional endowment has been added to the funds of the Institution by the generous provision of the late Miss Fletcher.

A new and commodious ward has just been completed affording greater facilities for the treatment of both medical and surgical cases, and therefore increasing the clinical advantages to the student.

THE WARDS

of the Hospital are accessible to the students for clinical study, under such regulations as shall be satisfactory to the Superintendent.
TWENTY-THIRD ANNUAL

WINTER COURSE OF INSTRUCTION,

PRELIMINARY TO THE

REGULAR PUBLIC SPRING COURSE

OF THE

MEDICAL DEPARTMENT

OF THE

UNIVERSITY OF VERMONT.

SESSION OF 1888-1889.

BOARD OF INSTRUCTORS.

A. P. GRINNELL, M. D. ......................... Theory and Practice of Medicine
Attending Physician to Mary Fletcher Hospital.

A. J. WILLARD, A. M., M. D. .................. Chemistry and Toxicology.

J. B. WHEELER, M. D. ......................... Principles and Practice of Surgery.
Attending Surgeon to Mary Fletcher Hospital.
President of the Board.

H. C. TINKHAM, M. D. ......................... General and Special Anatomy.
Secretary of the Board.

JO H. LINSLEY, M. D. ......................... Physiology and Microscopic Anatomy.
Instructor in Clinical Microscopy. Post Graduate Medical College, N. Y.

J. H. WOODWARD, B. S., M. D. ................ Materia Medica and Therapeutics.
Consulting Surgeon to Mary Fletcher Hospital.

WM. B. GIBSON, M. D., C. M. ............. Obstetrics and Diseases of Women and Children.
Attending Physician to Mary Fletcher Hospital.
ANNOUNCEMENT.

The twenty-third session of the Winter Course of Instruction of the Medical Department of the University of Vermont will commence

Thursday, November 1st, 1888,
and continue until the last of February, 1889.

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comprises a systematic course of lectures, at the College, in the seven departments of Medicine and Surgery, viz: Anatomy, Physiology, Chemistry, Materia Medica, Surgery, Obstetrics and Practice of Medicine.

It includes practical work in the laboratory and dissecting room, and clinical work at the Hospital.

Three lectures, clinical or didactic, occupy the morning hours from 9 to 12. The afternoon and evening of each day are left free for general study, dissecting and such special work as the student may select.

The Advantages of the Winter Course.

Every effort is directed to make the course essentially practical and demonstrative. By bringing into prominence the important points in the several departments, it prepares the student to take the utmost advantage of the regular public course which follows.

It allows time for general and comprehensive reading.

It informs the student what to study, and how to select what shall be of the greatest utility out of the immense mass of medical literature.

It gives time for dissecting and for laboratory work. The dissecting room is open to all students. Material is furnished free.
This department is under the direct supervision of the Instructor in Anatomy, who is Demonstrator also for the regular Spring Course. Classes are formed the first of January. Inasmuch as dissection is among the requirements for graduation, this course furnishes an admirable opportunity for students to complete this branch of study while there is ample time for careful work.

There will also be an opportunity for laboratory work in Uroscopy and Microscopy.

**CLINICS.**

Every Saturday morning during the term, medical and surgical clinics are held by the instructors in rotation. At these many important operations are performed in the presence of the class, and the application of surgical dressings exemplified.

**HOLIDAY RECESS.**

During the holidays there will be a recess of about ten days.

**DIPLOMA.**

At the close of the session each member of the class is presented with a certificate of attendance. The Medical Department of the University of Vermont allows the attendance upon this term to count for six months in the three years of study required of candidates for graduation.

The regular faculty strongly recommend students to attend this course as by so doing he is better prepared to meet the extra demands of the regular course.
EXPENSES.

Registration Fee, ................................. $ 5.00
Fees for the Course, ................................. 30.00
Practical Anatomy Fee, required of every new matriculant, (including Dissecting Material, payable but once), 10.00

Students who have attended two full Winter Courses of instruction at this College may attend the Course on payment of Registration.

Graduates of regular medical schools may take the course without payment of fee.

After registering, every student is furnished with a certificate entitling him to a half fare ticket on all railroad and steamboat lines running into Burlington.

All fees for the Course must be paid before the end of the second week of lectures.

Letters of inquiry should be addressed to

Dr. H. C. TINKHAM, Secretary,
234 Main Street,
BURLINGTON, VT.

The Regular Catalogue of the Preliminary Course will be ready for distribution about August 1st. Copies will be sent to all students upon application to the Secretary.