

BOSTONIENSIS

BIBLIOTHECA

MEDICINAE

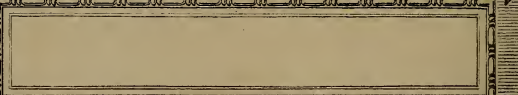
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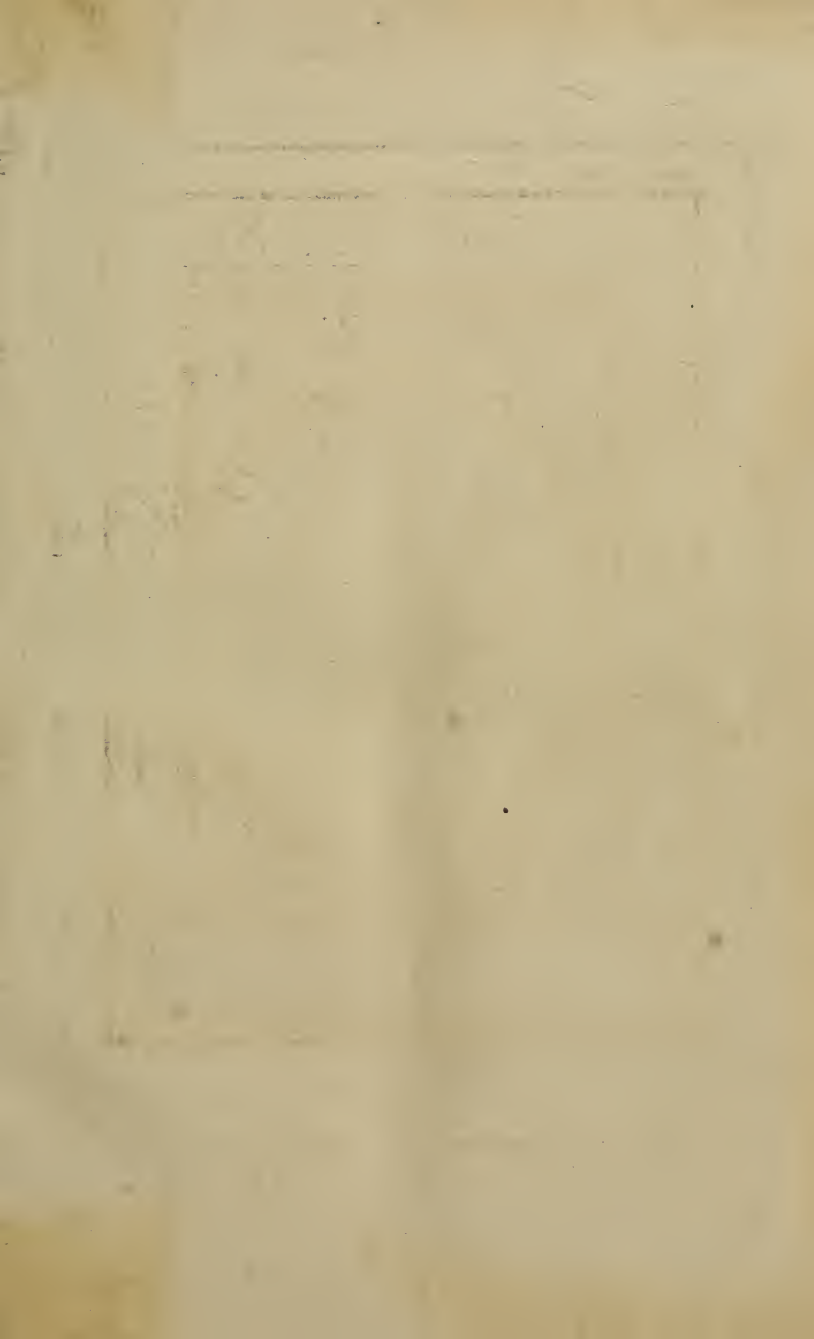


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Harvard University

THE
MEDICAL SCHOOL



1896

ONE HUNDRED AND FOURTEENTH
ANNUAL CATALOGUE
OF THE
MEDICAL SCHOOL
(BOSTON)
OF
HARVARD UNIVERSITY
1896-97

[Reprinted from the Catalogue of the University]



CAMBRIDGE
Published by the University
1896

1896.

JULY.

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NOVEMBER.

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DECEMBER.

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MEDICAL SCHOOL CALENDAR.



1896.

- Sept. 28, Monday.* Examinations for admission.
- Sept. 28, Monday.* Undergraduate examinations begin.
- Oct. 1, Thursday.* **Academic Year begins.** Registration of Students.
- Oct. 31, Saturday.* Last day for receiving essays for the William H. Thorndike Prize.
- Oct. 31, Saturday.* Last day for receiving dissertations for the Bowdoin Prizes.
- Nov. 26, Thursday.* Thanksgiving Day: a holiday.
- Nov. 30, Monday.* Last day for receiving applications for the Cheever and Hayden Scholarships.

RECESS FROM DEC. 23, 1896, TO JAN. 2, 1897, INCLUSIVE.

1897.

- Jan. 1, Friday.* Last day for receiving dissertations for the Boylston Medical Prizes.
- Feb. 4, Thursday.* **Second half-year begins.**
- Feb. 22, Monday.* Washington's Birthday: a holiday.

RECESS FROM APRIL 18 TO APRIL 24, INCLUSIVE.

- April 30, Friday.* Last day for receiving applications from students in the Professional Schools to be qualified for the degree of A.M. in 1897.
- May 1, Saturday.* Last day for receiving dissertations for the Dante, Paine, Toppan, and Sumner Prizes.
- May 29, Saturday.* Last day for receiving applications for Scholarships for 1897-98 (except the Cheever and Hayden Scholarships).
- May 30, Sunday.* Memorial Day.

<i>May 31, Monday.</i>	A holiday. (Memorial Day exercises.)
<i>June 2, Wednesday.</i>	Examinations in the School begin.
<i>June 30, Wednesday.</i>	Commencement.
SUMMER VACATION OF THIRTEEN WEEKS, FROM COMMENCEMENT TO SEPTEMBER 30.	
<i>July 1, Thursday.</i>	Examinations for admission.
<i>Sept. 27, Monday.</i>	Examinations for admission.
<i>Sept. 27, Monday.</i>	Undergraduate examinations begin.
<i>Sept. 30, Thursday.</i>	Academic Year begins. Registration of Students.
<i>Oct. 30, Saturday.</i>	Last day for receiving essays for the William H. Thorndike Prize.
<i>Oct. 30, Saturday.</i>	Last day for receiving dissertations for the Bowdoin Prizes.
<i>Nov. 25, Thursday.</i>	Thanksgiving Day: a holiday.
<i>Nor. 30, Tuesday.</i>	Last day for receiving applications for the Cheever and Hayden Scholarships.

THE MEDICAL SCHOOL.

BOSTON.

OFFICE HOURS OF DEAN, TUESDAY AND FRIDAY, 12.15 TO 1 P.M. ;
OF SECRETARY, MONDAY AND WEDNESDAY, 2 TO 3 P.M.

The course of study for the degree of M.D. in this School is of four years' duration.

Instruction is given by lectures, recitations, clinical teaching, and practical exercises, uniformly distributed throughout the academic year. The year begins on the Thursday following the last Wednesday in September,* and ends on the last Wednesday in June. There is a recess at Christmas, beginning December 23, and ending January 2; and a spring recess of one week in April.

The course of instruction has been greatly enlarged, and is so arranged as to carry the student progressively and systematically from one subject to another, in natural order.

In the subjects of Anatomy, Physiology, Histology, Chemistry, Bacteriology, and Pathological Anatomy, laboratory-work is substituted for, or added to, the usual didactic lectures, and is required of every student.

In the courses in the departments of Clinical Medicine, Clinical Surgery, and Obstetrics, satisfactory practical clinical work on the part of each student is a requirement for graduation, and opportunity is offered for practical voluntary work in all courses that can be so illustrated with advantage.

At the beginning of the academic year 1892-93 a graded course covering four years was established as the required course of study. The degree of Doctor of Medicine *cum laude* will be given to candidates who have pursued a complete four years' course, and obtained an average of over 75 per cent in the examinations of this course.

A series of written and oral examinations on all the main subjects of medical instruction has been distributed for regular students through their entire course of study. Every candidate for the degree must pass a satisfactory examination in every one of the principal departments of medical instruction, at some time during his period of study.

* That the time of study shall count as a full term, students of every class must present themselves within the first week of the term and register their names with the Secretary.

THE MEDICAL SCHOOL.



FACULTY.

- CHARLES W. ELIOT, LL.D., *President.*
WILLIAM L. RICHARDSON, M.D., *Dean, and Professor of Obstetrics.*
JAMES C. WHITE, M.D., *Professor of Dermatology.*
OLIVER F. WADSWORTH, M.D., *Professor of Ophthalmology.*
HENRY P. BOWDITCH, M.D., *Professor of Physiology.*
CLARENCE J. BLAKE, M.D., *Professor of Otology.*
FRANK W. DRAPER, M.D., *Professor of Legal Medicine.*
CHARLES B. PORTER, M.D., *Professor of Clinical Surgery.*
J. ORNE GREEN, M.D., *Clinical Professor of Otology.*
A. LAWRENCE MASON, M.D., *Associate Professor of Clinical Medicine.*
J. COLLINS WARREN, M.D., LL.D., *Professor of Surgery.*
REGINALD H. FITZ, M.D., *Hersey Professor of the Theory and Practice of Physic.*
THOMAS DWIGHT, M.D., LL.D., *Parkman Professor of Anatomy.*
JAMES J. PUTNAM, M.D., *Professor of Diseases of the Nervous System.*
EDWARD S. WOOD, M.D., *Professor of Chemistry.*
FREDERICK C. SHATTUCK, M.D., *Jackson Professor of Clinical Medicine.*
EDWARD H. BRADFORD, M.D., *Assistant Professor of Orthopedics.*
FRANCIS H. DAVENPORT, M.D., *Assistant Professor of Gynaecology.*
T. M. ROTCH, M.D., *Professor of the Diseases of Children.*
WILLIAM B. HILLS, M.D., *Associate Professor of Chemistry.*
WILLIAM F. WHITNEY, M.D., *Curator of the Anatomical Museum.*
WILLIAM T. COUNCILMAN, M.D., *Shattuck Professor of Pathological Anatomy.*
CHARLES S. MINOT, S.D., *Professor of Histology and Human Embryology.*
MAURICE H. RICHARDSON, M.D., *Assistant Professor of Clinical Surgery.*
CHARLES M. GREEN, M.D., *Assistant Professor of Obstetrics.*

- HERBERT L. BURRELL, M.D., *Assistant Professor of Clinical Surgery.*
 HAROLD C. ERNST, M.D., *Professor of Bacteriology.*
 CHARLES HARRINGTON, M.D., *Instructor in Materia Medica and Hygiene.*
 THEOBALD SMITH, M.D., *George Fabyan Professor of Comparative Pathology.*
 WILLIAM T. PORTER, M.D., *Assistant Professor of Physiology.*
 FRANKLIN DEXTER, M.D., *Assistant Professor of Anatomy.*
 FRANK B. MALLORY, M.D., *Assistant Professor of Pathology.*
 WILLIAM A. BROOKS, JR., M.D., *Demonstrator of Anatomy.*

 OTHER INSTRUCTORS.

- THEODORE W. FISHER, M.D., *Lecturer on Mental Diseases.*
 SAMUEL H. DURGIN, M.D., *Lecturer on Hygiene.*
 HENRY P. QUINCY, M.D., *Instructor in Histology.*
 JOHN H. MCCOLLOM, M.D., *Instructor in Infectious Diseases.*
 ABNER POST, M.D., *Instructor in Syphilis.*
 ELBRIDGE G. CUTLER, M.D., *Instructor in the Theory and Practice of Physic.*
 EDWARD M. BUCKINGHAM, M.D., *Instructor in Diseases of Children.*
 JOHN B. SWIFT, M.D., *Assistant in Gynaecology.*
 WILLIAM W. GANNETT, M.D., *Instructor in Clinical Medicine.*
 CHARLES F. WITHINGTON, M.D., *Instructor in Clinical Medicine.*
 VINCENT Y. BOWDITCH, M.D., *Assistant in Clinical Medicine.*
 SAMUEL J. MIXTER, M.D., *Instructor in Surgery, and Assistant in Operative Surgery.*
 GEORGE H. MONKS, M.D., *Instructor in Clinical Surgery, and Assistant in Operative Surgery.*
 MYLES STANDISH, M.D., *Assistant in Ophthalmology.*
 FRANCIS S. WATSON, M.D., *Instructor in Genito-Urinary Surgery.*
 HERMAN F. VICKERY, M.D., *Instructor in Clinical Medicine.*
 JOHN T. BOWEN, M.D., *Instructor in Dermatology.*
 WILLIAM M. CONANT, M.D., *Assistant in Clinical and Operative Surgery.*
 GEORGE HAVEN, M.D., *Instructor in Gynaecology and Assistant in Obstetrics.*
 HENRY JACKSON, M.D., *Assistant in Clinical Medicine.*
 GEORGE G. SEARS, M.D., *Assistant in Clinical Medicine.*
 ROBERT W. LOVETT, M.D., *Assistant in Clinical Surgery.*

- JOHN C. MUNRO, M.D., *Instructor in Clinical Surgery.*
FRANZ PFAFF, M.D., *Instructor in Pharmacology.*
EDWARD REYNOLDS, M.D., *Instructor in Obstetrics, and Assistant in Gynaecology.*
CHARLES W. TOWNSEND, M.D., *Assistant in Obstetrics.*
FREDERIC E. CHENEY, M.D., *Assistant in Ophthalmology.*
CHARLES L. SCUDDER, M.D., *Assistant in Clinical and Operative Surgery.*
ARTHUR K. STONE, M.D., *Assistant in Bacteriology.*
BENJAMIN TENNEY, M.D., *Assistant in Anatomy.*
CHARLES P. WORCESTER, M.D., *Assistant in Chemistry, and Secretary of the Medical Faculty.*
JAMES O. JORDAN, PH.G., *Assistant in Materia Medica.*
PAUL THORNDIKE, M.D., *Assistant in Genito-urinary and Clinical Surgery.*
GEORGE A. CRAIGIN, M.D., *Assistant in Diseases of Children.*
JAMES G. MUMFORD, M.D., *Assistant in Clinical Surgery.*
EUGENE A. CROCKETT, M.D., *Assistant in Otology.*
EDWIN W. DWIGHT, M.D., *Assistant in Clinical Surgery and Legal Medicine.*
EDWARD H. NICHOLS, M.D., *Assistant in Pathology.*
ALFRED L. T. SCHAPER, M.D., *Demonstrator of Histology and Embryology.*
JOHN L. AMES, M.D., *Assistant in Histology.*
JOHN B. BLAKE, M.D., *Assistant in Anatomy.*
AUGUSTUS S. KNIGHT, M.D., *Assistant in Clinical Medicine.*
HOWARD A. LOTHROP, M.D., *Assistant in Anatomy.*
JOHN L. MORSE, M.D., *Assistant in Clinical Medicine.*
ARTHUR H. WENTWORTH, M.D., *Assistant in Diseases of Children.*
CARL A. EWALD, M.D., *Assistant in Chemistry.*
FRED B. LUND, M.D., *Assistant in Anatomy.*
EDWARD W. TAYLOR, M.D., *Instructor in Neuropathology.*
JOHN N. COOLIDGE, M.D., *Assistant in Bacteriology.*
FRANK S. LOCKE, M.B., *Instructor in Physiology.*
JAY B. OGDEN, M.D., *Assistant in Chemistry.*
EUGENE A. DARLING, M.D., *Assistant in Bacteriology.*
HENRY F. HEWES, M.D., *Assistant in Chemistry.*
JAMES H. WRIGHT, M.D., *Instructor in Pathology.*
FREDERICK S. DELUE, M.D., *Assistant in Histology.*
PHILIP HAMMOND, M.D., *Assistant in Otology.*
HOBART E. WARREN, M.D., *Assistant in Anatomy.*
JOSEPH J. CURRY, M.D., *Assistant in Pathology.*
NEWTON S. BACON, A.B., *Assistant in Chemistry.*

The following gentlemen will give special clinical instruction:—

JOHN HOMANS, M.D., *in the Diagnosis and Treatment of Ovarian Tumors.*

EDWARD COWLES, M.D., LL.D., *in Mental Diseases.*

GEORGE W. GAY, M.D., *in Surgery.*

MORTON PRINCE, M.D., GEORGE L. WALTON, M.D., and PHILIP C. KNAPP, M.D., *in Diseases of the Nervous System.*

THOMAS A. DE BLOIS, M.D., JOHN W. FARLOW, M.D., and ALGERNON COOLIDGE, JR., M.D., *in Laryngology.*

STANDING COMMITTEES, 1896-97.

OFFICE HOURS:—Dean, Tu. and Fri. 12.15-1 P.M. Secretary, Mon. and Wed. 2-3 P.M.

Executive Committee.—The Dean (*Chairman*), and Drs. WHITE, SHATTUCK, BRADFORD, and W. T. PORTER.

Advertising and Catalogue.—Dr. WOOD (*Chairman*), and Drs. FITZ and WHITNEY.

Admission Examinations.—Dr. BLAKE (*Chairman*), and Drs. ROTCH, HILLS, WHITNEY, ERNST, and HARRINGTON.

Course of Study.—Dr. FITZ (*Chairman*), and Drs. BOWDITCH, DRAPER, MASON, WARREN, W. L. RICHARDSON, and DWIGHT.

Nominations.—Dr. DRAPER (*Chairman*), and Drs. SHATTUCK, COUNCILMAN, and BURRELL, and BROOKS.

Building.—Dr. WOOD (*Chairman*), and Drs. W. L. RICHARDSON and WHITNEY.

Library.—Dr. BOWDITCH (*Chairman*), and Drs. FITZ, DWIGHT, BRADFORD, HILLS, and MINOT.

Graduate Courses.—Dr. WADSWORTH (*Chairman*), and Drs. BRADFORD, ROTCH, BURRELL, and DEXTER.

Summer Courses.—Dr. DRAPER (*Chairman*), and Drs. FITZ and M. H. RICHARDSON.

Bullard Fellowships.—Dr. BOWDITCH (*Chairman*), and Drs. DWIGHT, COUNCILMAN, MINOT, ERNST, and SMITH.

Applications to Teach.—Dr. BRADFORD (*Chairman*), and Drs. FITZ and W. T. PORTER.

Warren Museum.—Dr. WARREN (*Chairman*), and Drs. WHITNEY, COUNCILMAN, W. T. PORTER, and DEXTER.

STUDENTS.

IN COURSES FOR GRADUATES.

1895-96.*

Bean, Edwin Augustus, M.D. (<i>Dartmouth Med. Coll.</i>) 1879,	Peabody.
Boucher, Joseph Adelard, A.B. (<i>Laval Univ., Quebec</i>) 1888, M.D. (<i>Med. School Queen's Univ.</i>) 1884,	Watertown.
Cooke, Snow Parker Freeman, B.A. (<i>Acadia Coll., N. S.</i>) 1892, M.D. (<i>Univ. of Pa.</i>) 1886,	Gloucester.
Cousens, Nicholas William, M.D. (<i>Trinity Univ.</i>) 1891,	Waltham.
Dion, Thomas Joseph, M.D. (<i>Laval Univ., Montreal</i>) 1891,	West Quincy.
Dow, George William, A.B. (<i>Brown Univ.</i>) 1877, M.D. 1881,	Lawrence.
Fitzsimmons, Philip Mansfield, M.D. (<i>Univ. of Vt.</i>) 1894,	East Cambridge.
George, Oscar Fowler, M.D. (<i>Coll. of P. & S., Baltimore</i>)	Lynn.
Haddock, Charles Whitney, M.D. 1879,	Beverly.
Hodsdon, Edwin Wilbur, M.D. (<i>Mo. Med. Coll.</i>) 1884,	Centre Osipee, N. H.
Hood, Mary Gould, M.D. (<i>Woman's Med. Coll. of Pa.</i>) 1874,	Newton Centre.
La Garde, Louis Anatole, M.D. (<i>Bellevue Med. Coll.</i>) 1892,	Boston.
Macleay, Kenneth Laughlin, M.D. (<i>St. Francis Coll.</i>) 1891,	Danville, Que.
Marshall, Perry, M.D. (<i>Hahnemann Med. Coll.</i>) 1871,	New Salem.
McIntire, Herbert Bruce, M.D. (<i>Univ. of N. Y. City</i>) 1882,	Cambridge.
McKenty, John Thomas Edmund, A.B. (<i>Ottawa Univ.</i>) 1888, M.D., C.M. (<i>McGill Univ.</i>) 1892,	Waltham.
Miles, George Albert, M.D. (<i>Long Island Coll. Hosp.</i>) 1891,	W. Somerville.
Ordway, Charles Anthony, M.D. (<i>Dartmouth Med. Coll.</i>) 1895,	W. Medford.

* Entering after the issue of the Catalogue of 1895-96.

Perrin, Albert Mitchell, M.D. (<i>Univ. of N. Y.</i>) 1873,	<i>Yarmouth, N. S.</i>
Sleeper, Walter Julian, M.D. (<i>Dartmouth Med. Coll.</i>) 1881,	<i>Westford.</i>
Withington, Alfreda, A.B. (<i>Cornell Univ.</i>) 1881, M.D. (<i>Woman's Med. Coll., N. Y. Infirmary</i>) 1887,	<i>Pittsfield.</i>

1896-97 (to Dec. 1, 1896).

Averill, George Goodwin, M.D. (<i>Coll. of P. & S., Boston</i>) 1892, M.D. (<i>Tufts Coll. Med. School</i>) 1896,	<i>Boston.</i>
Ayer, James Bourne, A.B. 1896, A.M. 1872, M.D. 1873,	<i>Boston.</i>
Batchelder, William Burdette, M.D. 1896,	<i>Roxbury.</i>
Bell, Robert, M.D. 1884,	<i>Roxbury.</i>
Clark, Joseph Eddy, M.D. 1882,	<i>Medford.</i>
*Davidson, Kallman Moyer, M.D. (<i>Univ. of Königsberg</i>) 1887,.	<i>Boston.</i>
*Elliot, Sydney Barrington, M.D. (<i>New York Homeopathic Med. Coll.</i>) 1890,	<i>Boston.</i>
Grant, David, (<i>Univ. Med. Coll., N. Y.</i>) 1888,	<i>Providence, R. I.</i>
Grant, William Herbert, M.D. 1896,	<i>Boston.</i>
*Holmes, Harry Clinton, M.D. (<i>Tufts Coll. Med. School</i>) 1896,	<i>Cambridge,</i>
Hubbell, Adelbert Merton, M.D. (<i>Boston Univ. School of Med.</i>) 1889,	<i>Haverhill.</i>
Johnson, Henry Peyton, M.D. (<i>Tufts Coll. Med. School</i>) 1896,	<i>Cambridge.</i>
Leard, John Samuel Hick, M.D. (<i>Univ. of Pa. Med. School</i>) 1894,	<i>Jamaica Plain.</i>
Leavitt, George Albert, M.D. (<i>Tufts Coll. Med. School</i>) 1895,	<i>West Medford.</i>
Macdonald, Colin William, A.B. (<i>St. Francis Xavier Coll.</i>) 1883, M.D. (<i>Bellevue Coll.</i>) 1887,	<i>Roxbury.</i>
Martin, John Macleod, M.D.C.M. (<i>McGill Univ.</i>) 1889,	<i>Boston.</i>
Morrow, William Robert, M.D. (<i>Dartmouth Coll. Med. School</i>) 1888,	<i>So. Framingham.</i>
Morse, John Lovett, A.B. 1887, A.M. 1891, M.D. 1891,	<i>Boston.</i>

* Graduates taking full course tickets.

- *Newton, William Curtis, M.D. (*Boston Univ. School of Medicine*) 1896, Revere.
 Patch, William Thurston, M.D. (*Univ. of City of N. Y.*) 1890, Roxbury.
 Perkins, Jay, M.D. 1891, Providence, R. I.
 Perry, Arthur Pedro, M.D. 1886, Jamaica Plain.
 *Rice, Walter Henry, M.D. (*Tufts Coll. Med. School*) 1896, Brookline.
 Sprague, Ezra Kimball, A.B. (*Bates Coll.*) 1887, M.D. (*Coll. of Phys. & Surg., Boston*) 1896, Chelsea.
 *Thompson, Charles Arthur, M.D. (*Coll. of Phys. & Surg., Baltimore*) 1896, Brookline.
 Thompson, Charles Oscar, PH.G. (*Mass. Coll. of Pharm.*) 1887, M.D. (*Dart. Med. School*) 1893, Boston.
 Underhill, George Herbert, M.D. (*Wisconsin Med. Coll.*) 1895, Somerville.
 White, Leon Edward, A.B. (*Dart. Coll.*) 1890, M.D. (*Dart. Coll. Med. School*) 1893, Roxbury.
 Wilson, Charles Frederick, PH.G. (*Ill. Coll. of Pharm.*) 1890, M.D. (*St. Louis Coll. of P. & S.*) 1893, St. Louis, Mo.

FOURTH CLASS.

- Adams, William Gray, Hyde Park.
 Allen, Seabury Wells, A.B. 1891, Boston.
 Badger, George Sherwin Clarke, A.B. (*Yale Univ.*) 1892, A.M. (*Ibid.*) 1894, Boston.
 Barton, John Alfred, Waltham.
 Barton, William Henry, Waltham.
 Blodgett, John Hammond, Boston.
 Briggs, Charles Edwin, A.B. (*Oberlin Coll.*) 1893, Calumet, Mich.
 Broughton, Arthur Nicholson, A.B. 1893, Jamaica Plain.
 Buffum, Herbert Edwin, Somerville.
 Burke, Ernest Gisborne, A.M. 1894, Quincy.
 Burns, Frederick Stanford, Boston.
 Burrows, Fred Grant, A.B. (*Leland Stanford Jr. Univ.*) 1892, A.M. (*Ibid.*) 1893, Chualar, Cal.
 Butler, Charles Shorey, A.B. 1893, Boston.
 Catlin, Sanford Robinson, PH.B. (*Beloit Coll.*) 1893, Rockford, Ill.
 Chamberlain, Weston Percival, A.B. (*Bowdoin Coll.*) 1893, Bristol, Me.

* Graduates taking full course tickets.

Clough, Frank Herbert,	<i>Allston.</i>
Collin, Carl Oscar Louis,	<i>Boston.</i>
Costello, John Henry, Jr.	<i>Boston.</i>
Daly, Timothy Joseph,	<i>Lawrence.</i>
Davis, William Horace, A.B. 1893,	<i>Boston.</i>
Decker, William Nelson,	<i>Concord.</i>
Donlan, John Malachi,	<i>Fitchburg.</i>
Donoghue, James Crowley,	<i>Georgetown.</i>
Emery, George Edwin,	<i>Milford.</i>
Fitzgerald, Thomas Patrick, A.B. (<i>Boston Coll.</i>) 1893,	<i>Cambridge.</i>
Gilbert, Louis Whitmore, A.B. 1893,	<i>Machias, Me.</i>
Guiler, Robert Workman,	<i>Boston.</i>
Handy, Harry Tucker,	<i>Marion.</i>
Hogan, Joseph Ambrose,	<i>Lawrence.</i>
Hurd, Randolph Campbell,	<i>Newburyport.</i>
Johnson, David Joseph,	<i>Roxbury.</i>
Jones, Frederick Ellis,	<i>Quincy.</i>
Larrabee, Ralph Clinton, A.B. 1893,	<i>Boston.</i>
Lecompte, Walter Augustus, A.B. 1893,	<i>Newton Centre.</i>
Lees, Rush Oliver,	<i>Plymouth, Pa.</i>
Logan, Francis Parker Tays,	<i>Boston.</i>
Maguire, Charles Francis, A.B. (<i>Boston Coll.</i>) 1893,	<i>Somerville.</i>
Mansur, Leon Wallace,	<i>Boston.</i>
Marcy, Henry Orlando, Jr., A.B. 1893,	<i>Boston.</i>
Maulhardt, Adolph Antone,	<i>Ventura, Cal.</i>
McCormick, Thomas Henry,	<i>Boston.</i>
McMurtry, Charles Wood,	<i>Pittsburg, Pa.</i>
Metzger, Butler,	<i>Lynn,</i>
Miller, James,	<i>Boston.</i>
Moore, John Henry,	<i>Pittsfield, Ill.</i>
Moorehouse, George Wilton, L.B. (<i>Univ. of Wis.</i>) 1891, L.M. (<i>Ibid.</i>) 1893,	<i>Wauwatosa, Wis.</i>
Morrill, Sibley Gage,	<i>Concord, N. H.</i>
Newsome, Edgar Thomas,	<i>Roslindale.</i>
Patten, Stephen Kerr,	<i>Boston.</i>
Pettee, John Harris,	<i>Roxbury.</i>
Reed, Victor Augustus,	<i>Roxbury.</i>
Richmond, Simon,	<i>Chelsea.</i>
Rust, Frank Lee Drummond,	<i>Cambridge.</i>
Ryerson, Edwin Warner,	<i>Boston.</i>
Shea, John Joseph,	<i>Salem.</i>

Smart, Frank Everard,	<i>Lawrence.</i>
Smyser, Charles James,	<i>Brookline.</i>
Spalding, Fred Maurice, A.B. 1893,	<i>Cambridge.</i>
Spooner, Henry Garrettson, A.B. 1894,	<i>Boston.</i>
Stack, Charles Francis, A.B. (<i>Boston Coll.</i>) 1893,	<i>Hyde Park.</i>
Stetson, Frederick Winslow, A.B. 1894,	<i>Duxbury.</i>
Stevens, Ralph Emerson,	<i>Marlboro'.</i>
Stubbs, Frank Raymond, A.B. 1893,	<i>Cambridgeport.</i>
Sturdivant, Guy Waldron,	<i>Roxbury.</i>
Sullivan, John Thomas, Jr.,	<i>Boston.</i>
Swain, Howard Townsend,	<i>Copake, N. Y.</i>
Walton, William Joseph, D.M.D. 1894,	<i>Dorchester.</i>
Weeks, William Joshua,	<i>New Bedford.</i>
Whiteside, George Shattuck,	<i>Boston.</i>
Williams, Harry Edwin,	<i>Newtonville.</i>
Willis, Charles Austin, PH.B. (<i>Tufts Coll.</i>) 1892,	<i>Waltham.</i>
Yost, John Dickinson,	<i>San Francisco, Cal.</i>

THIRD CLASS.

Atkinson, Roger Trowbridge, A.B. 1894,	<i>Wakefield.</i>
Bacon, Theodore Spaulding, B.S. (<i>Boston Univ.</i>) 1894,	<i>Natick.</i>
Balch, Alfred William, PH.G. (<i>Coll. of Pharm.</i>) 1894,	<i>Boston.</i>
Bartlett, Samuel Danforth,	<i>Woburn.</i>
Beal, Howard Walter,	<i>Boston.</i>
Beebe, Arthur Appleton, A.B. 1894,	<i>Boston.</i>
Binford, Ferdinand Augustus,	<i>Boston.</i>
Birge, Russell Hall, A.B. (<i>Brown Univ.</i>) 1894,	<i>Providence, R. I.</i>
Bonney, Robert,	<i>Chelsea.</i>
Boodro, William Henry,	<i>So. Boston.</i>
Brown, Alphonso Bickford, A.B. (<i>Yale Univ.</i>) 1894,	<i>Dover, N. H.</i>
Buck, Maurice Allan,	<i>No. Wilmington.</i>
Cabot, Hugh, A.B. 1894,	<i>Brookline.</i>
Cary, Foster Harrington,	<i>Millbury.</i>
Churchill, Donald, A.B. 1893,	<i>Andover.</i>
Collins, William James,	<i>Ware.</i>
Crandon, LeRoi Goddard, A.B. 1894,	<i>Boston.</i>
Crawford, Francis Xavier, A.B. (<i>Boston Coll.</i>) 1894,	<i>So. Boston.</i>
Cronin, Michael John,	<i>Haverhill.</i>
Cummings, Frederic Russell,	<i>Concord, N. H.</i>
Currier, William Eugene, A.B. (<i>Bowdoin Coll.</i>) 1894,	<i>Leicester.</i>

Cutler, Charles Newton,	<i>Chelsea.</i>
Davis, Lincoln, A.B. 1894,	<i>Boston.</i>
Dearborn, Sam Starrett, A.B. 1894,	<i>Nashua, N. H.</i>
Donlan, Charles Edwin,	<i>Lowell.</i>
Donohoe, George,	<i>Dorchester.</i>
Dorgan, Joseph Aloysius,	<i>Lawrence.</i>
Dowd, Edward Francis, A.B. (<i>Georgetown Univ.</i>)	
1894,	<i>So. Natick.</i>
Drake, Arthur Knowlton,	<i>Bristol, N. H.</i>
Dray, Frank Raymond, A.B. (<i>Leland Stanford</i>	
<i>Jr. Univ.</i>) 1895,	<i>Sacramento, Cal.</i>
Duckering, William West,	<i>Roxbury.</i>
Ellis, William Raymond,	<i>Cambridge.</i>
Emerson, Ernest Benjamin,	<i>Everett.</i>
Everett, Eugene Ellsworth, A.B. (<i>Brown Univ.</i>)	
1894,	<i>Franklin.</i>
Fair, John Francis,	<i>Natick.</i>
Ferguson, Edward Hugh,	<i>So. Boston.</i>
Field, Harvey Adams,	<i>Quincy.</i>
Fischer, Oscar Edward,	<i>Salem, Mo.</i>
Fitzgerald, Maurice Edward, Jr.	<i>Boston.</i>
Forbes, Edwin Bannister,	<i>Lawrence.</i>
Forrest, Robert Francis,	<i>Watertown.</i>
Gallagher, Thomas Morton,	<i>Wellesley.</i>
Galloupe, Joseph Abbott,	<i>Beverly.</i>
Gavin, Joseph Leo,	<i>So. Boston.</i>
Gaylord, William Avery,	<i>Pawtucket, R. I.</i>
Germain, Harry Homer,	<i>Los Angeles, Cal.</i>
Gibbons, Sherwin, A.B. 1894,	<i>Jamaica Plain.</i>
Griffin, Clifford Henry, A.B. (<i>Brown Univ.</i>)	
1894,	<i>Providence, R. I.</i>
Grimes, James Henry,	<i>Boston.</i>
Halloran, Timothy Joseph, A.B. (<i>Holy Cross</i>	
<i>Coll.</i>) 1894,	<i>Lowell.</i>
Hamilton, Walter,	<i>Holyoke.</i>
Hancock, John Clifford, A.B. 1895,	<i>Dubuque, Ia.</i>
Hardy, Theodore Everett,	<i>Farmington, Me.</i>
Hart, Joseph Storer,	<i>Lincoln.</i>
Hartnett, Edward Daniel,	<i>E. Boston.</i>
Hartwell, Harry Fairbanks, A.B. 1895,	<i>Boston.</i>
Harvey, William Wirt,	<i>Dorchester.</i>
Hatfield, Hugh Kerr,	<i>Boston.</i>
Hayes, Albert Edwin,	<i>Boston.</i>

- Healy, Daniel Lawrence, A.B. (*Boston Coll.*)
1894, *W. Newton.*
- Hinchey, Richard, *Lexington.*
- Holt, Frank Hammett, PH.G. (*Mass. Coll. of Pharm.*) 1895, *Newport, R. I.*
- Homan, John Milton, *Roslindale.*
- Howard, Eugene Henry, A.B. (*Holy Cross Coll.*) 1894, *No. Brookfield.*
- Howe, Walter Clarke, A.B. (*Amherst Coll.*) 1894, *Dedham.*
- Hudnut, Paul Albert, *Wellesley.*
- Huntington, Alfred Thomas, *Chelsea.*
- Hyde, Frederick Tanquary, *Winchester, Va.*
- Johnson, Walter Sydney, A.B. 1894, *Minneapolis, Minn.*
- Kahn, Maurice, *Leadville, Col.*
- Keate, Walter, *St. George, Utah.*
- Kennedy, Harris, A.B. 1894, *Roxbury.*
- Kepler, Charles Ober, A.M. (*Baldwin Univ.*)
1890, *Boston.*
- King, Myron Louis, *Cambridge.*
- Ladd, Maynard, A.B. 1894, *Jamaica, Long Island.*
- McAllister, Fred Danforth, A.B. (*Amherst Coll.*)
1894, *Lawrence.*
- McAuslan, James Lewis, *Marlboro.*
- McEvoy, George Albert, *Lawrence.*
- McIntyre, George Francis, *Worcester.*
- Mackay, Edward Hart, *Clinton.*
- Mackie, William Charles, A.B. 1894, *Boston.*
- Magrath, George Burgess, A.B. 1894, *Milton.*
- Mahoney, Cornelius James, *Providence, R. I.*
- Marston, Joseph Norris, *Lowell.*
- May, William Ropes, A.B. 1894, *Philadelphia, Pa.*
- Mellus, Edward, A.B. 1895. *Jamaica Plain.*
- Montoya, José Maria, *Bogota, Columbia, S. A.*
- Moore, James Spencer, A.B. (*Brown Univ.*)
1894, *E. Providence, R. I.*
- Musgrave, Percy, A.B. 1894, *Boston.*
- O'Brien, Walter John Leo, *So. Boston.*
- Parker, Edward Grahame, *Auburndale.*
- Parker, Maurice Wesley, *Chicago, Ill.*
- Paul, Luther Gordon, *Newton Centre.*
- Peirce, George Alphonso, *Roxbury.*
- Peirce, George Burgess, A.B. 1893, *Milton.*

- Perry, Edgar, A.B. (*Brown Univ.*), A.M. (*Ibid.*)
1880, Boston.
- Pike, Forrest Fay, Roxbury.
- Prevaux, John Jacob, Amesbury.
- Provandie, Paul Hector, Melrose Highlands.
- Rideout, Herman Leslie, Highlands, N. C.
- Rose, William Henry, Worcester.
- Ross, Lucretius Henry, A.B. (*Middlebury Coll.*)
1890, Poultney, Vt.
- Rounds, Albert Waterman, Providence, R. I.
- Ryder, Charles Edward, So. Boston.
- Sawyer, Edward Keyes, Somerville.
- Sayward, William Henry, Jr., s.B. (*Mass. Inst. Tech.*) 1894, Dorchester.
- Small, Richard Dresser, A.B. 1894, Portland, Me.
- Soutter, Robert, A.B. 1894, New York, N. Y.
- Stepp, Jacob, Jr., Boston.
- Stetson, Frank Eliot, A.B. 1893, New Bedford.
- Stowe, Irving Elmer, Boston.
- Sughrue, Dennis Francis, Dorchester.
- Thompson, Richard Henry, B.S. (*Worcester Polytech. Inst.*) 1892, Boston.
- Tilden, Irving Niles, s.B. 1894, New Bedford.
- Truesdale, Philemon Edwards, Roxbury.
- Turner, Charles Humphrey, A.B. (*Williams Coll.*) 1881, Blackinton.
- Walker, David Harold, Pittsburg, Pa.
- Ward, Parker Myles, Boston.
- Watson, Frank Gilman, Roxbury.
- Weil, Arthur Irving, Huntsville, Ala.
- Weis, Joseph Deutsch, New Orleans, La.
- Wennerberg, Francis Joseph, Boston.
- White, Michael William, A.B. (*Boston Coll.*)
1894, E. Weymouth.
- Williams, Hugh, A.B. 1894, Brookline.
- Woods, Frederick Adams, Brookline.
- Wormelle, Charles Burton, Brighton.
- York, Herbert Leroy, Dorchester.
- Zavala, Joaquin, Jr. Granada, Nicaragua, C.A.

SECOND CLASS.

Allen, Freeman, A.B. 1893,	<i>Boston.</i>
Bacon, Newton Samuel, A.B. 1895,	<i>Cambridge.</i>
Bailey, Walter Channing, Jr., A.B. 1894,	<i>E. Somerville.</i>
Bailey, William Thomas, B.S. (<i>Dartmouth Coll.</i>)	
1891,	<i>Nashua, N. H.</i>
Baker, Albert Sherburne, A.B. (<i>Amherst Coll.</i>)	
1894,	<i>Boston.</i>
Barnes, James Arthur, A.B. (<i>Holy Cross Coll.</i>)	
1895,	<i>Fitchburg.</i>
Bedell, Charles Ellsworth,	<i>Somerville.</i>
Boutelle, Harry Clifton,	<i>Dorchester.</i>
Bowen, Alfred Preston,	<i>Lynn.</i>
Boyer, Joseph Napoleon, Jr.	<i>Springfield.</i>
Brenneman, Richard Emmor,	<i>Congo, W. Va.</i>
Brock, Lawrence Ambrose, A.B. (<i>Boston Coll.</i>)	
1895,	<i>Malden.</i>
Brown, Fred Phillips,	<i>Haverhill.</i>
Bryant, Fred, A.B. (<i>Colby Univ.</i>) 1895,	<i>Pittsfield, Me.</i>
Burke, William Henry,	<i>Watertown.</i>
Cadigan, John Joseph, A.B. (<i>Boston Coll.</i>) 1891,	
A.M. (<i>St. Francis Xavier Coll.</i>) 1892,	<i>Boston.</i>
Callahan, Joseph Thomas,	<i>Woburn.</i>
Carmody, William Francis, A.B. (<i>Holy Cross Coll.</i>) 1885,	<i>Worcester.</i>
Carroll, Thomas Francis,	<i>Roxbury.</i>
Cleveland, Heber Howe,	<i>Somerville.</i>
Cliff, Alfred Addington,	<i>Boston.</i>
Coburn, Horace Fordyce,	<i>Lowell.</i>
Costello, Israel Franklin,	<i>Lowell.</i>
Cottrell, Henry Joseph, A.B. (<i>Holy Cross Coll.</i>)	
1894,	<i>Boston.</i>
Crane, Carl Custer,	<i>Melrose.</i>
Crosby, Walter Theodore, B.P. (<i>Brown Univ.</i>)	
1895,	<i>Brockton.</i>
Crowell, George Marcus, A.B. (<i>Brown Univ.</i>)	
1894,	<i>Providence, R. I.</i>
Davis, Charles Henry, A.B. 1896,	<i>Somerville.</i>
Davis, Edward Jackson, A.B. (<i>Fisk Univ.</i>) 1895,	<i>Sumter, S. C.</i>
Dix, George Alfred,	<i>Cambridge.</i>
Dodge, Arthur Malcolm,	<i>Hampton Falls, N. H.</i>
Dole, Charles Frederick,	<i>Roxbury.</i>

Drummond, Edward Augustus,	<i>Brookline.</i>
Duncan, Samuel White, Jr., A.B. (<i>Brown Univ.</i>)	
1895,	<i>Brookline.</i>
Easton, Elwood Tracy,	<i>Rockland.</i>
Emerson, William Robie Patten, A.B. (<i>Dartmouth Coll.</i>) 1892,	<i>Candia, N. H.</i>
Fiske, Charles Norman,	<i>Upton.</i>
Friedman, Leo Victor, A.B. 1895,	<i>Cambridge.</i>
Geib, Frank Julius, A.B. 1895,	<i>Cleveland, O.</i>
Glidden, Howard Kenneth,	<i>Cambridge.</i>
Golden, Lazarus,	<i>Boston.</i>
Graves, William Phillips, A.B. (<i>Yale Coll.</i>)	
1891,	<i>Andover.</i>
Gray, Hugh Barr,	<i>Boston.</i>
Greene, Daniel Crosby, Jr., A.B. 1895,	<i>Tokyo, Japan.</i>
Grimes, Jesse Rideout,	<i>Franconia, N. H.</i>
Hammond, William John,	<i>Quincy.</i>
Harvey, John Franklin, Jr.	<i>Boston.</i>
Haskins, Frank Henry, A.B. (<i>Williams Coll.</i>)	
1893,	<i>Springfield.</i>
Hatch, Edward Sparhawk,	<i>Brighton.</i>
Hawes, Charles Sumner, A.B. 1893,	<i>Cambridge.</i>
Herrick, Timothy George,	<i>Newport, N. H.</i>
Hill, George Sumner,	<i>Somerville.</i>
Howard, Joseph Francis,	<i>Lawrence.</i>
Jack, Lewis Harlow,	<i>Portland, Me.</i>
Jameson, Herbert Wendell, A.B. 1895,	<i>Jamaica Plain.</i>
Jefferson, Willis Grover,	<i>Norwood.</i>
Johnson, Harold Abbott, A.B. (<i>Williams Coll.</i>)	
1895,	<i>Brookfield.</i>
Jouett, Fred Robert, A.B. 1896,	<i>Somerville.</i>
Kirgis, Adrien,	<i>Boston.</i>
Knight, Herbert Granville,	<i>Malden.</i>
Knowlton, John Greenleaf Whittier, A.B. (<i>Bowdoin Coll.</i>) 1895,	<i>Bath, Me.</i>
Lane, Walter Appleton, A.B. (<i>Dartmouth Coll.</i>)	
1895,	<i>Chicago, Ill.</i>
Latham, Benoni Mowry,	<i>Smithfield, R. I.</i>
Lazarus, Benjamin,	<i>Boston.</i>
Leighton, William Elston, A.B. (<i>Bowdoin Coll.</i>)	
1895,	<i>Deering, Me.</i>
Lennon, Joseph Malachi, A.B. (<i>Boston Coll.</i>)	
1893,	<i>Dorchester.</i>

Leslie, Herbert Granville,	<i>Amesbury.</i>
Lippincott, Walter Maynard,	<i>Chicago, Ill.</i>
Low, Harry Chamberlain, A.B. 1893,	<i>Salem.</i>
MacDonald, William Clifford,	<i>Boston.</i>
Maloney, William Valentine,	<i>Boston.</i>
Manahan, Thomas James, S.B. 1896,	<i>Boston.</i>
Manix, Edward Tuck,	<i>Exeter, N. H.</i>
McAdams, Peter Stephens, A.B. 1895,	<i>Somerville.</i>
McCarthy, Frederick,	<i>Malden.</i>
McDermott, Joseph Edward,	<i>Charlestown.</i>
McDonald, William Joseph, A.B. 1895,	<i>Charlestown.</i>
McGann, John Henry,	<i>Natick.</i>
McGirr, Felix Francis, A.B. 1895,	<i>Cambridge.</i>
McLaren, Alexander Lorne,	<i>E. Boston.</i>
McNamara, Thomas Francis, A.B. (<i>Holy Cross</i> <i>Coll.</i>) 1895,	<i>So. Framingham.</i>
Means, Philip Corydon,	<i>Merrimac.</i>
Merriam, Franklin Henry,	<i>Greenville, N. H.</i>
Moore, Francis, Jr.	<i>Charlestown.</i>
Moore, Philip Patrick,	<i>Gloucester.</i>
Morgan, John Albert,	<i>Hyde Park.</i>
Morris, John Joseph,	<i>E. Boston.</i>
Moser, Albert, A.B. (<i>Oberlin Coll.</i>) 1892,	<i>Lima, O.</i>
Newton, Edward Roswell,	<i>Hartford, Conn.</i>
Neilsen, Edwin Björne,	<i>Montpelier, Vt.</i>
Nightingale, James,	<i>Boston.</i>
Nolan, William Francis,	<i>Jamaica Plain.</i>
O'Brien, Thomas James, PH.G. (<i>Mass. Coll. of</i> <i>Pharm.</i>) 1895,	<i>Somerville.</i>
Odiorne, Walter Burlingame, A.B. 1895,	<i>Cambridge.</i>
Osgood, Robert Bayley, A.B. (<i>Amherst Coll.</i>) 1895,	<i>Salem.</i>
O'Shea, Daniel Joseph,	<i>E. Boston.</i>
O'Shea, John Francis, A.B. (<i>Holy Cross Coll.</i>) 1895,	<i>Newport, R. I.</i>
Page, Parkhurst,	<i>No. Danvers.</i>
Perkins, Herbert Crawford,	<i>Lowell.</i>
Pierce, Charles Willard, A.B. (<i>Boston Univ.</i>) 1895,	<i>Ashland.</i>
Pillsbury, Borden Harlin, A.B. (<i>Dartmouth</i> <i>Coll.</i>) 1895,	<i>Lowell.</i>
Pote, Leonard Holden,	<i>Somerville.</i>
Potter, Alexander Carleton, A.B. 1895,	<i>Boston.</i>

Pritchard, William Percival,	<i>Fall River.</i>
Proctor, Joseph Whipple,	<i>Malden.</i>
Ray, Robert Bentley,	<i>Barnes, Ohio.</i>
Reagh, Arthur Lincoln, s.B. 1894,	<i>W. Roxbury.</i>
Reilly, James Aloysius,	<i>So. Boston.</i>
Rood, Luther Colby,	<i>E. Boston.</i>
Rose, Alwyn, PH.G. (<i>Mass. Coll. of Pharm.</i>) 1890,	<i>Roxbury.</i>
Ryder, George Hale, PH.B. (<i>Wesleyan Univ.</i>) 1895,	<i>Hartford, Conn.</i>
Saunders, Joseph Henry, A.B. (<i>Tufts Coll.</i>) 1895,	<i>Everett.</i>
Schmidt, Frederick Sextus, PH.G. (<i>Mass. Coll. of Pharm.</i>) 1895,	<i>Roxbury.</i>
Seelye, Walter Clark, A.B. (<i>Amherst Coll.</i>) 1895,	<i>Northampton.</i>
Shaw, Francis,	<i>New Bedford.</i>
Silbert, Joseph,	<i>Boston.</i>
Silver, David,	<i>Wellsville, O.</i>
Simmons, Channing Chamberlain,	<i>Boston.</i>
Simmons, Samuel Ewer, A.B. (<i>Leland Stanford, Jr. Univ.</i>) 1895,	<i>Sacramento, Cal.</i>
Skarstrom, William,	<i>Waverley.</i>
Slate, Ames Wilsworth,	<i>Springfield.</i>
Smith, Richard Augustine, A.B. (<i>Boston Coll.</i>) 1894,	<i>Roxbury.</i>
Snow, Frederick Stedman, A.B. 1895,	<i>Boston.</i>
Spalter, Charles Marsh,	<i>Keene, N. H.</i>
Spaulding, Charles Lester, A.B. (<i>Williams Coll.</i>) 1890,	<i>Townsend Harbor.</i>
Stedman, Edward Hemenway, A.B. (<i>Amherst Coll.</i>) 1894,	<i>Jamaica Plain.</i>
Stone, Warren Buxton,	<i>Lynn.</i>
Sullivan, Joseph Lawrence,	<i>Dorchester.</i>
Sweet, John Henry, Jr.	<i>Newport, R. I.</i>
Swift, Henry Marshall, A.B. 1894,	<i>Marlboro.</i>
Taylor, John Danforth,	<i>E. Boston.</i>
Thayer, Hartley Wales, A.B. (<i>Yale Univ.</i>) 1895,	<i>Holbrook.</i>
Thomas, John Willard, A.B. 1895,	<i>Cambridge.</i>
Thomas, Miner Raymond, A.B. (<i>Amherst Coll.</i>) 1878,	<i>Brookline.</i>
Thompson, Victor Veranus, A.B. (<i>Bowdoin Coll.</i>) 1890,	<i>Friendship, Me.</i>
Tileston, Wilder, A.B. 1895,	<i>Milton.</i>
Tobin, John Henry,	<i>Lawrence.</i>
Tupper, Arthur Gordon,	<i>Rockport.</i>

Vogel, James Oswald,	<i>W. Quincy.</i>
Vinal, Harry Gardner,	<i>Wellesley.</i>
Wales, Ernest de Wolfe,	<i>Braintree.</i>
Ward, William Greenleaf,	<i>Cambridgeport.</i>
Warden, Ralph Alexander,	<i>Boston.</i>
Warren, Alva Harding,	<i>Rockland.</i>
Waterman, George Arthur A.B. 1895,	<i>Malden.</i>
White, Herbert Augustus,	<i>Somerville.</i>
Whoriskey, John Joseph,	<i>Cambridge.</i>
Wilkins, Charles Downes,	<i>Peterboro, N. H.</i>
Wilkins, George Clarence,	<i>Manchester, N. H.</i>
Willis, Dwight Fletcher, PH.B. (<i>Tufts Coll.</i>) 1892,	<i>Waltham.</i>
Wood, Frank Lyon,	<i>Boston.</i>
Worth, Edward Phillip, PH.G. (<i>Mass. Coll. of Pharm.</i>) 1895,	<i>Edgartown.</i>
Yardumian, Mamong Garabet,	<i>Boston.</i>

FIRST CLASS.

Adams, Carl Shadiker,	<i>Newtonville.</i>
Adams, John Dresser,	<i>East Boston.</i>
Almy, Robert Lawton, Jr.,	<i>Salem.</i>
Atwood, Charles Fenner, A.B. 1896,	<i>Manton, R. I.</i>
Austin, William Thomas,	<i>Boston.</i>
Bangs, Dennis Milliken, A.B. (<i>Bowdoin Coll.</i>) 1891,	<i>Boston.</i>
Barker, Harry Learned, B.A. (<i>Amherst Coll.</i>) 1896,	<i>Boston.</i>
Barnes, Lynn Moore, A.B. 1896,	<i>Decatur, Ill.</i>
Bartol, Edward Francis Washburn, A.B. 1896,	<i>Lancaster.</i>
Beebe, Theodore Chapin, Jr.,	<i>Springfield.</i>
Beering, Frederic William, Jr.	<i>So. Boston.</i>
Belt, Edward Jones,	<i>So. Boston.</i>
Bergengren, Charles Henry,	<i>Lynn.</i>
Bergen, Stephen Albert, A.B. (<i>Boston Coll.</i>) 1896,	<i>Waltham.</i>
Berry, Martin Whitten, A.B. (<i>Williams Coll.</i>) 1895,	<i>Portland, Me.</i>
Bibber, Harold Thornton,	<i>Bath, Me.</i>
Bicknell, Ralph Emerson,	<i>No. Weymouth.</i>
Blodgett, Charles Martin,	<i>Boston.</i>
Blodgett, William Ernest, A.B. 1896,	<i>Newton.</i>
Bond, Walter Legrand,	<i>Chelsea.</i>
Bowen, William Henry, Jr.,	<i>Providence, R. I.</i>

Brayton, Roland Walker,	<i>Charlestown.</i>
Breed, Nathaniel Perkins,	<i>Salem.</i>
Brennan, Joseph Thomas Louis,	<i>Lowell.</i>
Brown, Percy Emerson,	<i>Cambridge,</i>
Bryant, Charles Sawyer, A.B. 1896,	<i>Newton Highlands.</i>
Burke, Walter Thomas, P.H.G. (<i>Mass. Coll. of Pharm.</i>) 1891,	<i>Natick.</i>
Burnham, Melvin Paige,	<i>Andover.</i>
Campbell, William Joseph, A.B. (<i>Boston Coll.</i>) 1896,	<i>Marlboro.</i>
Canedy, Charles Francis, B.A. (<i>Williams Coll.</i>) 1896,	<i>Shelburne Falls.</i>
Cannon, Walter Bradford, A.B. 1896,	<i>St. Paul, Minn.</i>
Casey, Jeremiah Aloysius,	<i>So. Boston.</i>
Cassidy, James Joseph,	<i>Lowell.</i>
Chase, Walter Greenough, A.B. 1882,	<i>Brookline.</i>
Cheney, Ernest Linwood,	<i>Wakefield.</i>
Churchill, John Darling, 2d,	<i>Plymouth.</i>
Cleaves, Ezra Eames,	<i>Rockport.</i>
Cloudman, Harry Radcliffe,	<i>Boston.</i>
Collins, George Leman, A.B. 1896,	<i>Dorchester.</i>
Collins, Richard, A.B. (<i>Colby Univ.</i>) 1896,	<i>Calais, Me.</i>
Conner, Homer Leigh,	<i>Haverhill.</i>
Connolly, John Matthew, A.B. (<i>Holy Cross Coll.</i>) 1890, A.M. (<i>Ibid</i>) 1892,	<i>Cambridge,</i>
Coolidge, Sumner, A.B. 1883,	<i>Watertown.</i>
Cornwell, Herbert Cerda de Vilarrestau,	<i>Cambridge.</i>
Cox, Louis Sherburne, B.A. (<i>Dartmouth Coll.</i>) 1896,	<i>Manchester, N. H.</i>
Cox, Simon Francis, A.B. (<i>Boston Coll.</i>) 1896,	<i>Lowell.</i>
Creesy, Everett Larcom, A.B. 1896,	<i>Beverly.</i>
Cromwell, Ernest Manton,	<i>East Boston.</i>
Cross, Rupert Calladon,	<i>Chelsea.</i>
Cummings, Alvah Cochran, B.S. (<i>Dartmouth Coll.</i>) 1896,	<i>Concord, N. H.</i>
Davis, George Adams,	<i>Worcester.</i>
Deacon, Charles Frederick, (<i>Brown Univ.</i>) 1896,	<i>Pawtucket, R. I.</i>
Derby, George Strong, A.B. 1896,	<i>Boston.</i>
Dierkes, Herman Joseph, A.B. (<i>Boston Coll.</i>) 1896,	<i>Boston.</i>
Donaldson, Frederick August, A.B. 1896,	<i>Cleveland, O.</i>
Dunn, Charles Hunter, A.B. 1896,	<i>Newport, R. I.</i>

Eastman, Alexander Crane, A.B. (<i>Amherst Coll.</i>) 1896,	<i>Framingham.</i>
Elliot, John Seaver,	<i>Manchester, N. H.</i>
Emery, Edward Stanley, A.B. 1887,	<i>Boston.</i>
Emerson, Robert Leonard, A.B. 1894,	<i>Cambridge.</i>
Fair, Robert Patrick,	<i>Natick.</i>
Farrar, Clarence Byrnold, A.B. 1896,	<i>Cattaraugus, N. Y.</i>
Field, Martin Thomas,	<i>Beverly.</i>
Fisher, Irving Jewell,	<i>Somerville.</i>
Flagg, Elisha, A.B. 1887,	<i>Boston.</i>
Fletcher, William,	<i>Providence, R. I.</i>
Ford, Carleton Yates,	<i>Kingston, Canada.</i>
Fuller, Charles Benjamin, A.B. (<i>Colby Univ.</i>) 1896,	<i>Hallowell, Me.</i>
Gardner, George Warren, A.B. (<i>Brown Univ.</i>) 1894,	<i>New London, N. H.</i>
Gifford, Arthur Poole,	<i>Salem.</i>
Gilfillan, Frederick James, B.A. (<i>Univ. of Minn.</i>) 1895,	<i>St. Paul, Minn.</i>
Goldie, William Valentine,	<i>New London, Conn.</i>
Gould, Alfred Henry, A.B. 1896,	<i>Boston.</i>
Griffin, Walter Alden,	<i>Haverhill.</i>
Hanna, Thomas Francis, A.B. (<i>Boston Coll.</i>) 1896,	<i>Natick.</i>
Hardwick, Everett Vinton,	<i>Quincy.</i>
Harkins, John Francis, A.B. (<i>Holy Cross Coll.</i>) 1896,	<i>Quincy.</i>
Hart, John White, Jr., A.B. (<i>Boston Coll.</i>) 1896,	<i>Weymouth.</i>
Hartwell, William Winn, A.B. (<i>Williams Coll.</i>) 1896,	<i>Woburn.</i>
Healy, William,	<i>Chicago, Ill.</i>
Hervey, Allan Moore, A.B. 1896,	<i>Boston.</i>
Hewitt, William Oakes,	<i>Taunton.</i>
Hoag, Louis,	<i>Roxbury.</i>
Holmes, Arthur Brewster, A.B. 1896,	<i>Kingston.</i>
Holmberg, Carl Lester Magnus, A.B. (<i>Brown Univ.</i>) 1896,	<i>Campello.</i>
Hosmer, Alfred Graham,	<i>Watertown.</i>
Howard, Perez Briggs,	<i>Brookline.</i>
Howell, William Wescott,	<i>Jamaica Plain.</i>
Hoyt, William Welles,	<i>Cambridge.</i>
Hudson, Arthur Stanton,	<i>Newton.</i>
Hunt, George Pratt,	<i>E. Weymouth.</i>

Jackson, Daniel Dana, s.B. (<i>Mass. Inst. of Tech.</i>) 1893,	<i>Newtonville.</i>
Jackson, James Marcus,	<i>Roxbury.</i>
Johnson, Herbert,	<i>Boston.</i>
Joslin, Samuel Lees,	<i>So. Lyndeboro, N. H.</i>
Kane, John Austin,	<i>Charlestown.</i>
Kelley, John Francis, A.B. (<i>Bowdoin Coll.</i>) 1891,	<i>Biddeford, Me.</i>
Kenealy, Joseph Henry,	<i>Natick.</i>
King, George Potter,	<i>Providence, R. I.</i>
King, Maxwell Benedict,	<i>Boston.</i>
Lane, Arthur Kempton,	<i>Boston.</i>
Lawless, Joseph Patrick, A.B. (<i>Boston Coll.</i>) 1896,	<i>Roxbury.</i>
Leahey, Frederick Andrew,	<i>Lowell.</i>
Legg, Arthur Thornton,	<i>Chelsea.</i>
Leonard, Andrew Michael,	<i>Lawrence.</i>
Lepper, David Barnard,	<i>Madison, N. H.</i>
Lincoln, Merrick, A.B. 1896,	<i>Worcester.</i>
Lord, Frederick Taylor,	<i>Lexington.</i>
Lowell, Freeman Lamprey, A.B. 1894,	<i>Somerville.</i>
Lowell, William Holbrook,	<i>Newton.</i>
McCormick, Thomas Joseph Henry,	<i>Roxbury.</i>
MacDonald, Louis Francis,	<i>Roxbury.</i>
McHugh, John Francis,	<i>Natick.</i>
McKibben, William Watson, A.B. 1896,	<i>Van Buren, Ark.</i>
MacLachlan, Thomas Mitchell,	<i>Brighton.</i>
McCausland, William James,	<i>Tyne Valley, P. E. I.</i>
McKechnie, Frederick Joseph, A.B. (<i>Holy Cross Coll.</i>) 1896,	<i>Springfield.</i>
McMann, William Henry, A.B. 1896,	<i>Roxbury.</i>
Maguire, Thomas Henry,	<i>So. Boston.</i>
Matteson, George Arnold, A.B. (<i>Brown Univ.</i>) 1896,	<i>Providence, R. I.</i>
Mead, Louis Guy, A.B. 1896,	<i>West Acton.</i>
Mertins, Paul Stearns, A.B. (<i>Washington & Lee Univ.</i>) 1896,	<i>Evergreen, Ala.</i>
Montgomery, Hugh Devereux,	<i>Dorchester.</i>
Mullen, John Henry, A.B., (<i>Boston Coll.</i>) 1896,	<i>Waltham.</i>
Myer, James Walter,	<i>New York, N. Y.</i>
Myers, Solomon,	<i>East Boston.</i>
Norton, Chauncey Williams, A.B. 1896,	<i>Cazenovia, N. Y.</i>
O'Callaghan, Denis Timothy,	<i>Salem.</i>

- O'Leary, Dennis Cornelius, A.B. (*Holy Cross Coll.*) 1896, *Providence, R. I.*
- Parker, Edward Stark, A.B. (*Brown Univ.*) 1896, *Providence, R. I.*
- Peavy, Ralph Albert, *Bangor, Me.*
- Perault, Moses Joseph, Jr., A.B. (*Mt. St. Mary's Coll.*) 1895, *Fitchburg.*
- Pratt, Frederick Haven, A.B. 1896, *Worcester.*
- Ramsey, Frank William, *Charlestown*
- Richmond, Fred Marcy, *Everett.*
- Riley, William Norton, *Malden.*
- Ring, Henry Walter, *Andover.*
- Rogers, Daniel Eastman, *Chelsea.*
- Sanborn, Charles Francis, *Cambridge.*
- Sanborn, Fletcher Greene, *Providence, R. I.*
- Sanford, Henry Lindsay, A.B. 1896, *Bridgewater.*
- Scannell, David Daniel, *Jamaica Plain.*
- Scott, George Dow, B.S. (*Middlebury Coll.*) 1895, A.B. 1896, *Leominster.*
- Shaw, Frederick King, *Roxbury.*
- Shepard, Luther Dimmick, A.B. 1896, *Brookline.*
- Small, Albert Ernest, A.B. 1896, *Melrose.*
- Sproules, Joseph Aloysius, A.B. (*Georgetown Univ.*) 1895, *Boston.*
- Steele, Albert Edward, *Peabody.*
- Sullivan, John Joseph, *So. Boston.*
- Sullivan, Michael Henry, *Newport, R. I.*
- Sullivan, Patrick Eugene, A.B. (*Holy Cross Coll.*) 1895, *Lowell.*
- Taylor, James, Jr., *Southbridge.*
- Townsend, David, *So. Natick.*
- Tyrode-Vejux, Maurice Paul Octave, *Boston.*
- Thompson, Ralph Leroy, A.B. (*Bates Coll.*) 1896, *Lisbon, Me*
- Tobey, Edward Nelson, A.B., 1896, *Cambridge.*
- Van Voorhis, Henry Courtlandt, *Newton.*
- Wadsworth, Richard Goodwin, A.B. 1896, *Boston.*
- Walker, John Meredith, *Waltham.*
- Walling, Charles Harold, B.P. (*Brown Univ.*) 1895, *Providence, R. I.*
- Ward, John Thomas, *Providence, R. I.*
- Warren, Henry Stanley, *Bangor, Me.*
- Warren, John, A.B. 1896, *Boston.*

Wheeler, Clarence Albion,	<i>Castine, Me.</i>
White, Clifford Allen, A.B. 1896,	<i>Taunton.</i>
Wight, Thomas Henry Toynbee,	<i>Ashville, N. C.</i>
Williams, Allen Hamilton, A.B. 1891,	<i>Fort Wayne, Ind.</i>
Wingersky, Abram Samuel,	<i>Boston.</i>
Winslow, Fred Bradley, A.B., A.M., 1895,	<i>Boston.</i>
Winslow, George Edgar,	<i>Boston.</i>
Wyer, Harry Gagè, A.B. 1896,	<i>Woburn.</i>
Young, Ralph Randal,	<i>Dorchester.</i>

SUMMARY.

IN COURSES FOR GRADUATES, 1896-97 (to Dec. 1) . . .	29
FOURTH CLASS	72
THIRD CLASS	128
SECOND CLASS	153
FIRST CLASS	172
TOTAL	<u>554</u>

In Courses for Graduates 1895-96 after publication of Catalogue for 1895-96	21
In Summer Courses, 1896	101

THE MEDICAL SCHOOL.

REQUIREMENTS FOR ADMISSION.

All candidates for admission must (with the exceptions hereinafter stated) pass examinations in the following subjects:—

- | | |
|-------------|--|
| 1. English. | 4. Chemistry. |
| 2. Latin. | 5. Either French or German. |
| 3. Physics. | 6. Either Algebra, Plane Geometry,
or Botany. |

ENGLISH. The candidate will be required to write a short composition on one of several subjects announced at the time of the examination. In 1897 the subjects will be drawn from one or more of the following works:

Shakspeare's *As You Like It*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Hawthorne's *Twice Told Tales*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

Every candidate is expected to have read intelligently all the books prescribed. The English written by a candidate in any of his examination books will be regarded as part of his examination in English in case the evidence afforded by the examination book in English is insufficient. The candidate will also be required to correct specimens of bad English.

LATIN. The translation at sight of simple Latin prose.

PHYSICS. Either (1) Gage's *Elements of Physics*, or (2) a course of experiments, not less than forty in number, performed at school by the student. These must be selected from a list issued by the University under the title, "A Descriptive List of Elementary Physical Experiments," or must be approved by the department of Physics of Harvard College as the equivalent of those contained in this list. In (2) the written examination will test the candidate's knowledge of experiments and experimenting as well as his knowledge of principles and results. The candidate will be required to hand in the original note-book in which he recorded the steps and results of the experiments which he performed at school, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. The note-book in Physics should contain an index of the exercises which it describes.

CHEMISTRY. Theoretical and Descriptive (inorganic) Chemistry and Qualitative Analysis.

Each candidate will be required to hand in, at the hour of the written examination in Chemistry, the original note-book in which he recorded the work performed by him at school in qualitative analysis. This note-book must give evidence that the student has had practice in the analysis of solutions and solids containing several salts and must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's laboratory work.

FRENCH AND GERMAN. The translation at sight of ordinary easy prose is the chief feature of these examinations.

ALGEBRA, PLANE GEOMETRY, AND BOTANY. The examination in Algebra will extend through quadratic equations.

The examinations in Plane Geometry and Botany will be elementary.

A certificate of having passed the entrance examinations will admit a student to this school only so long as the entrance requirements remain unchanged.

When a candidate shall give evidence of having passed a satisfactory examination in any of the above requirements either at Harvard College or at the Lawrence Scientific School, a subsequent examination in such subject or subjects will not be demanded for his admission to the Medical School.

Candidates who present a degree in Letters, Science, or Medicine, from a recognized college or scientific school are exempt from all the above examinations, with the exception of Chemistry.*

Candidates, may be admitted conditionally in spite of deficiencies in some of these studies; but, until these conditions are made up, no student will be permitted to take part in any exercises of the third class, or to present himself for examination in the subjects of that class.

Applicants for admission to the Medical School who shall have studied three years in recognized colleges, technical or scientific schools, in which courses in Anatomy, Physiology, Histology, and General Chemistry are a part of the instruction, may be admitted to advanced standing provided they pass an examination in these subjects.

Students conditioned in Chemistry at the examination for admission will be furnished, during the first year, with opportunities for making up this condition. A special fee of \$20 will be charged for this course.

The examinations will be held at the Medical School (688 Boylston St., Boston), and will be conducted in writing. Specimen examination papers will be found in the Medical School Catalogue.

* The Summer Courses of Instruction in the fundamental principles of Chemistry and in Qualitative Analysis given at Harvard College, and the Summer Course in General Chemistry and Qualitative Analysis given at the Medical School, are adapted to students about to enter the Medical School.

In and after June, 1901, candidates for admission must present a degree in Arts, Literature, Philosophy, Science or Medicine from a recognized college or scientific school, with the exception of such persons, of suitable age and attainments, as may be admitted by a special vote of the Faculty in each case.

All candidates, whether presenting a degree or not, are required to satisfy the Faculty that they have had a course in Theoretical and Descriptive (inorganic) Chemistry and Qualitative Analysis sufficient to fit them to pursue the courses in Chemistry given at the Medical School.

The examinations for admission are held on the Thursday following the last Wednesday in June, and on the Monday preceding the last Wednesday in September.

In 1897 the *examinations for admission* will ALSO be held at the following places, beginning at 8 A.M. on Thursday, July 1:—

In *Quincy*, in the rooms of the Adams Academy; in *Andover*, in the rooms of the Phillips Academy; in *Groton*, in the rooms of Groton School; in *Southborough*, in the rooms of St. Mark's School; in *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street; in *Exeter, N. H.*, in the rooms of Phillips Exeter Academy; in *Concord, N. H.*, in the rooms of St. Paul's School; in *Portland, Me.*, in the rooms of the Portland High School; in *Lakeville, Conn.*, in the rooms of the Hotchkiss School; in *New York, N. Y.*, in the lecture room of the Young Men's Christian Association, 23d Street, corner of Fourth Avenue; in *Garden City, N. Y.*, in the rooms of St. Paul's Cathedral School; in *Albany, N. Y.*, in the rooms of the Young Men's Christian Association; in *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets; in *Lawrenceville, N. J.*, in the rooms of the Lawrenceville School; in *Philadelphia, Pa.*, in the rooms of the Young Men's Christian Association building, corner of 15th and Chestnut Streets; in *Washington, D. C.*, in the rooms of the Young Men's Christian Association; in *Cleveland, O.*, in the Central High School building; in *Cincinnati, O.*, in the rooms of the Young Men's Christian Association; in *Chicago, Ill.*, in the Assembly Room of the Board of Education; in *Minneapolis, Minn.*, in the lecture-room of the Public Library building; in *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets; in *Omaha, Neb.*, in the rooms of the Young Men's Christian Association; in *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets; in *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 31 Post Street; in *Belmont, Cal.*, in the rooms of the Belmont School; in *Portland, Oregon*, in the Portland Library; in *Bonn, Germany*, at the Hotel Kley; in *Tokyo, Japan*.

METHODS OF INSTRUCTION.

The following methods of instruction are adopted in the several departments :—

Anatomy.—Lectures; various practical exercises, including abundant dissection, under the direction of the Demonstrator; recitations and demonstrations. In the first year there is a recitation at the beginning of the week on the subject-matter of the lectures of the preceding week. The means and methods of illustrating the anatomical lectures are probably unrivalled in this country. The system of demonstrations to small sections has been greatly extended. In the second year much use is made of frozen sections and of the living model.

Histology and Embryology.—Lectures and laboratory work. Every student is recommended to purchase a microscope, but microscopes are provided for those whose means do not enable them to buy one, for the sum of \$3 for each term. Accommodations are furnished for those students who wish to pursue special or advanced courses. Special facilities are offered for original investigators. A special course in vertebrate embryology is given. This course has been accepted by the Faculty of Arts and Sciences, and is open to students of the academic departments.

Physiology.—Lectures, recitations, conferences, and demonstrations and practical work in the laboratory. To properly qualified students opportunities are given for original investigations in the laboratory.

Chemistry is taught mainly by practical work in the laboratory, each student having his own desk and apparatus. The first year, Physiological Chemistry is taught by lectures, recitations, and exercises in the laboratory, where each student will be taught the chemistry of the carbohydrates, proteids and fats, the chemistry of digestion, the chemistry and microscopy of the urine and the tests for the important poisons. During the second year the instruction will be chiefly clinical in character. The class is divided into small sections and each student thoroughly drilled in the diagnosis of kidney and other diseases from the examination of pathological urines obtained daily from the Hospitals. Practical instruction is also given to the class in sections in the clinical examination of the blood and gastric juice. During the second year also the students are taught the medico-legal examination of blood and other stains, the analysis of pathological concretions and fluids, and clinical toxicology.

Pathology and Pathological Anatomy are taught by lectures, recitations, and practical laboratory work, including instruction in making autopsies. The lectures on pathology are chiefly devoted to general pathology, including the various processes of disease, the general and special causes under which they are produced, and the effects which they

DIVISION OF STUDIES.

FOR THE FIRST YEAR.	FOR THE SECOND YEAR.	FOR THE THIRD YEAR.	FOR THE FOURTH YEAR.	ELECTIVES.
Anatomy. 2	Anatomy. 2	<i>Theory & Practice.</i> 3	<i>Clinical Medicine.</i> 3	Ophthalmology. 2
Physiology. 3	<i>Pathology and Path. Anatomy.</i> 3	<i>Surgery.</i> 3	<i>Clinical Surgery.</i> 2	Otology. 2
* <i>Histol. & Embryol.</i> 1	<i>Clinical Chemistry.</i> 2	<i>Obstetrics.</i> 3	* <i>Ophthalmology.</i> 1	Orthopaedics. 2
<i>Physiological Chemistry.</i> 1½	<i>Materia Medica and Therapeutics.</i> 2	<i>Pediatrics.</i> 2	* <i>Otology.</i> 1	Gynaecology. 2
<i>Bacteriology.</i> 1	Theory and Practice.	<i>Dermatology.</i> 1	* <i>Laryngology.</i> 1	Dermatology. 2
Hygiene.	Clinical Medicine.	<i>Neurology.</i> 1	* <i>Orthopedics.</i> 1	Neurology. 2
	Surg. & Clin. Surg.	<i>Gynaecology.</i> 1	* <i>Legal Medicine.</i> 1	*Bacteriology. 1
		<i>Mental Diseases.</i> 1	* <i>Syphilis.</i> 1	Physiology. 1
		Clinical Medicine.	Clinical Microscopy.	Chemistry. 1
		Clinical Surgery.	Genito-urinary Surg.	*Hygiene. 1
			Ovarian Tumors.	Oper. Surgery. 1
			Mental Diseases.	*Oper. Obstetrics. 1
			Municipal Sanitation.	Clinical Microscopy 1
			Cookery.	

NOTE:—Subjects in which an examination is required are in italics. The number following name of examination indicates the length in hours of the examination. In the Fourth year, electives must be chosen whose examinations shall aggregate three hours.

* Examination in February.

exert on the functions of the body. The abundant collection of morbid specimens in the Warren Museum, and fresh material from autopsies, are used to demonstrate the lectures. Demonstrations of fresh specimens, comprised largely of surgical material, are also given, and the relations of pathological conditions to the clinical phenomena of disease are explained. Instruction in pathological histology is continued throughout the year. In this course the finer changes in the tissues are studied and the steps in their production are explained. No attempt is made to cover the whole field, but attention is mainly directed to inflammatory and other general conditions underlying the changes. Both in this course and in the demonstrations, the gross and microscopic diagnosis of tumors are studied. Each student receives sections of diseased organs, and is required to prepare them for microscopic examination, and to draw the changes he observes. The class, divided into sections, attend the autopsies at the Massachusetts General and City Hospital. Here practical instruction in making autopsies is given, the students being required in certain cases to conduct them. The facilities of the pathological department have been greatly increased by the construction of the new laboratories at the City and Massachusetts General Hospitals. Opportunity and every encouragement is given for research work at the laboratories. The department has an abundance of material at its disposal and every facility for its thorough study.

Therapeutics and Materia Medica are taught by lectures and recitations with exhibition of medicines and pharmaceutical processes and demonstrations of the physiological action of drugs. Besides the large and complete cabinet of materia medica in the Museum, a collection of officinal drugs and chemicals, and of all the important preparations is placed where it can be seen by the students at any time.

The course of lectures in this subject is supplemented by a course in practical pharmacy in which the compounding of prescriptions is illustrated.

In addition to the course of lectures on Therapeutics, the practical relation of remedies to diseased conditions is also particularly dwelt upon in the lectures and other exercises in the department of Clinical Medicine.

Experimental Pharmacology and Therapeutics.—A special laboratory has been equipped for original research in these subjects. Here an opportunity is offered for practical training and instruction in the methods and use of the special apparatus employed in determining the toxic and physiological action of drugs and their practical value as remedies. This is open to a limited number of duly qualified undergraduates.

The Theory and Practice of Medicine.—At the Medical School lectures on selected subjects are given to the third class, and systematic recitations

on the general subject are held for the second class. Clinical lectures on the practice of medicine are given to the third class, and demonstrations to the second class at the Massachusetts General Hospital.

Clinical Medicine. — Daily instruction is given in this department by clinical lectures, hospital visits, and other exercises. The teaching for the second, third and fourth years is graded and separate for each year, except that students of the fourth class are allowed to attend the clinical lectures given for the third class if they wish.

In the first half of the *second* year Auscultation and Percussion are taught in small divisions, each student having two exercises a week for four months. In the second half-year ward visits in the Massachusetts General and City Hospitals, also in small divisions, take the place of Auscultation and Percussion. Opportunities are thus afforded all students to extend and to verify the knowledge already gained.

Throughout the year twice a week the class as a whole has clinical instruction in case-taking, diagnostic methods and diagnosis.

In the *third* year the teaching is more advanced, includes therapeutics, and comprises four clinical exercises a week in the amphitheatre and hospital wards. During the year, so large is the amount of material at disposal, a wide range of diseases is practically illustrated, and many even of the rarer affections are shown by several examples.

In the *fourth* year two clinics a week are held for the whole class, and special attention is given to Clinical Therapeutics.

The Clinical Conference comes in this year. A case is assigned each student, who is required to work it up thoroughly and write out in full the history, physical examination, differential diagnosis and treatment. From these cases selections are made, and one is read weekly before the class and the teachers in the department. A full discussion is encouraged. It is also required that dispensary cases be taken by each student, who shall watch the cases, guide their treatment, and write brief reports upon them. This work is under the supervision of one of the assistants in the department.

In the second half-year full opportunity is afforded each student, the class being divided into sections of ten each for this purpose, to become practically familiar with diphtheria, scarlet fever, and measles, their diagnosis, course, and treatment. This exceptional opportunity is rendered possible by the opening of the new "South" or Contagious Department of the City Hospital, accommodating two hundred and fifty patients.

In the second half-year there is also a weekly exercise in diagnosis for the whole class. Several students are assigned a case at each exercise, report upon it and are criticised by the instructor in charge.

Surgery. — Instruction is given by systematic lectures, recitations, demonstrations at clinics, and laboratory exercises. There are two

recitations a week throughout the year for the second class. These exercises are given partly at the Medical School and partly at the Hospital.

In the second year exercises are given also in the laboratory on the application of surgical apparatus and bandaging. The mechanical treatment of each variety of fracture is illustrated and the student himself applies the apparatus. The different forms of bandages, including all fixed protective dressings, in which silicate of potash, dextrine and plaster of Paris are employed, are applied by each student under critical supervision. The apparatus used in the preparation of surgical dressings is explained in detail.

A laboratory course is also given on the use of all kinds of surgical instruments, and their application is demonstrated upon the living subject and upon anesthetized animals.

Two systematic lectures a week are given throughout the year, at the Medical School, to the third class, and one lecture a week, with clinical demonstrations, at the Hospital.

Each member of the Third Class is required to report a case of Fracture.

Instruction is given to the Fourth Class in Orthopedic Surgery by lectures at the School and at the Children's Hospital with clinical quizzes to small sections.

An Elective Course with clinical exercises is also given in this subject at the Children's Hospital.

Instruction in Genito-urinary Surgery is given by lectures at the Medical School and by clinical demonstrations at the City Hospital to the Fourth Class.

Opportunity is given to see all kinds of surgical operations.

Clinical Surgery. — Instruction in Clinical Surgery is given at the Massachusetts General Hospital and City Hospital, to the Third Class, as follows : —

One clinical conference, two visits in the hospital wards, and two public operating days.

The surgical clinical conference is an exercise at which a student of the third class presents an elaborate and carefully prepared paper on a surgical case which has been assigned him in the hospital wards. This paper he is obliged to read in the amphitheatre of the Hospital before the whole class, and defend it from their criticism. At the close of the exercise the Professor of Clinical Surgery gives a résumé of the case and his opinions upon it. The students of the second class attend these exercises preparatory to their active participation in them in their third year.

The report of an additional case in Clinical Surgery will also be required.

The third class is divided into small sections, and daily clinics are given to them in the out-patient department of the Massachusetts General Hospital and the City Hospital, in which the students are brought into personal contact with the patients, have practical exercises in the application of bandages and apparatus, and see a large number of cases of minor surgery, and fractures and dislocations above the waist.

The exercises for the fourth class consist of one hour throughout the year in surgical diagnosis at the bed-side; one clinical lecture each week during both terms; an evening visit in sections at the Massachusetts General Hospital Accident Room to see emergencies and accidents.

Asst. Professor M. H. RICHARDSON gives a course of two hours the first half of the year on surgical anatomy with special reference to its clinical application. Dr. MONKS gives eight hours in October on surgical landmarks.

Operative Surgery. — A course illustrating all the classic and many of the modern operations in surgery is given by the Professor of Clinical Surgery to the third and fourth classes. As an elective for the Fourth Class these operations are repeated on the cadaver by the students under the direct supervision of the Professor and a corps of assistants.

Obstetrics. — Instruction in this department is given by lectures, recitations, conferences, and clinical teaching. Students are required to take charge of at least six cases of labor, to receive clinical instruction on at least one of them, to care for their patients during the convalescence, and to make full written reports of the cases. Many of these reports are read at the conferences and discussed by the class and the instructors. A course on operative obstetrics, with practical illustrations on the cadaver and manikin, is given during the first half-year.

Gynaecology. — Instruction in this department extends throughout the third and fourth years. During the third year there are lectures and recitations, and opportunities for clinical instruction at the City Hospital and Boston Dispensary. The large out-patient clinics of these institutions are utilized to accustom the student to the methods of examination, the perfection of diagnosis, and the simpler forms of treatment.

The instruction in the fourth year is more advanced. Clinical and operative instruction is given in the wards of the City Hospital. Cases are assigned to the students for personal examination, which are reported in full at the Clinical Conference, and are made the subject of discussion by members of the class and the instructors.

Diseases of Children. — The instruction in this department consists of a systematic course of didactic and clinical lectures, recitations and conferences. Opportunities are also given for seeing special cases at the Boston Dispensary.

Ophthalmology.—Instruction consists of lectures and clinical demonstration at the Massachusetts Charitable Eye and Ear Infirmary, and Massachusetts General Hospital.

Dermatology.—A systematic and clinical course is given. The special out-patient department at the Massachusetts General Hospital furnishes ample means for illustration.

Syphilis.—Lectures and clinical instruction are given at the Boston Dispensary.

Otology.—Lectures and clinical instruction are given at the Massachusetts Charitable Eye and Ear Infirmary, and at the Boston City Hospital.

Diseases of the Throat and Nose.—Instruction in this department consists of lectures, demonstrations, and practical training in the use of instruments. The class is divided into small sections, and the practical work is conducted in the clinics at the Massachusetts General Hospital, the Boston City Hospital, and the Boston Dispensary.

The class as a whole also has one didactic lecture a week during the first half of the fourth year.

Diseases of the Nervous System.—Instruction in this branch is under the charge of a special department, fully organized and equipped for dealing adequately with the subject. During the third year a weekly lecture and during the second term two lectures a week will be given at the Massachusetts General Hospital, illustrated by cases from the large and excellent out-patient service, and from the medical and surgical wards of the hospital. In addition to this the students will be given opportunity of studying cases outside the lecture hours, and reporting upon them, and also of attending extra courses of lectures upon therapeutics and pathological anatomy given by instructors in the department. In the fourth year, each student may have three hours of instruction a week, directed by the head of the department, and by three special clinical instructors, and during this course he will have access to the material furnished by the City Hospital as well as that afforded by the Massachusetts General Hospital.

It is the intention of the School to bring each student into as close contact as possible with the patients on the one hand and the instructors on the other.

Attention is also called to the fact that special instruction in the pathological anatomy of the nervous system is given during the second year.

Mental Diseases.—Didactic lectures are given at the Medical School during the second half-year to the third class. Clinical instruction during second term is given to the fourth class at Boston Insane Hospital, at Pierce and Austin Farms, and also at the New McLean Asylum at Waverly.

Legal Medicine.—Instruction consists in lectures and practice in medico-legal autopsies.

Hygiene.—During the first year instruction consists in lectures and demonstrations. In the fourth year course, properly qualified students are set to work in the laboratory upon air, water, and food analysis, and other practical problems in Hygiene.

Bacteriology.—The instruction in Bacteriology during the first year consists of lectures and practical laboratory work. The lectures treat of the general subject and of methods of practical work.

In the laboratory, each student becomes familiar with the simple methods of manipulation and staining which are of special clinical use. The elective course in the fourth year is mainly practical and opportunities for special investigation will be offered such students as can spend the necessary time in the laboratory.

TEXT-BOOKS.

The following works are recommended as text-books, and for collateral reading and consultation:—

ANATOMY.

Text-Books.—Gray (11th edition). Morris. Quain (10th edition). Wilson. Holden's Landmarks. Dwight's Frozen sections of a Child. Treves' Applied Anatomy. Dexter's Anatomy of the Peritoneum.

Collateral Reading.—Harrison Allen's Anatomy. Testut, Anatomie Humaine. Tillaux, Anatomie topographique. Holden's Osteology. Humphry's Human Skeleton. Morris, on the Joints. Weisse's Practical Human Anatomy. McClellan's Regional Anatomy.

HISTOLOGY AND EMBRYOLOGY.

Text-Books.—Stöhr's Manual of Histology, Piersol's Histology, or Schaefer's Essentials of Histology.

Collateral Reading.—Quain's Anatomy (10th edition). Lee's microscopist's Vade-mecum, Schiefferdecker and Kossel's Gewebelehre. Minot's Human Embryology. Marshall's Vertebrate Embryology.

PHYSIOLOGY.

Text-Books.—Foster's Text-book of Physiology. American Text-book of Physiology. Waller, Human Physiology.

Collateral Reading.—Hermann's Lehrbuch der Physiologie. Kirke's Handbook of Physiology. Fick, Compendium der Physiologie. Halliburton's Text-book of Chemical Physiology and Pathology. McGregor-Robertson's Elements of Physiological Physics. Landois' Manual of Human Physiology. Stirling's Practical Physiology. Gamgee, Physiological Chemistry of the Animal Body.

CHEMISTRY.

Text-Books. — Tyson, Practical Examination of Urine. Wharton and Stillé's Medical Jurisprudence, Vol. II., on Poisons (4th edition).

Collateral Reading. — Ultzmann and Hoffmann's Atlas der Harnsedimente. Roberts' Urinary and Renal Diseases. Purdy's Practical Urinalysis and Urinary Diagnosis. Taylor on Poisons. Wormley's Micro-Chemistry of Poisons. Halliburton's Essentials of Chemical Physiology. Lea's Chemical Basis of the Animal Body (appendix to Foster's Text-book of Physiology). Hammarsten's Physiological Chemistry. Vaughan and Novy's Ptomaines and Leucomaines.

BACTERIOLOGY.

Text-Books. — Abbott. MacFarland.

Collateral Reading. — Sternberg. Herní.

THERAPEUTICS AND MATERIA MEDICA.

Text-Books. — Hare's Practical Therapeutics. White's Materia Medica and Therapeutics. National Dispensatory.

Collateral Reading. — H. C. Wood's Therapeutics. Brunton's Pharmacology, Therapeutics, and Materia Medica.

PATHOLOGY AND PATHOLOGICAL ANATOMY.

Text-Books. — Ziegler's General Pathology (eighth edition). Delafield and Prudden, Pathological Anatomy and Histology.

Collateral Reading. — Bouchard, Pathologie Générale. Cohnheim's Lectures on General Pathology.

OBSTETRICS.

Text-Books. — Lusk's Manual of Midwifery.

Collateral Reading. — Reynold's Practical Midwifery. Schroeder's Manual of Midwifery. Winckel's Diseases of Childbed. Schauta's Grundriss der operativen Geburtshilfe. Kucher's Puerperal Convalescence.

THEORY AND PRACTICE.

Text-Books. — Wood and Fitz, Practice of Medicine. Osler's Practice of Medicine. Strümpell's Text-Book of Medicine. Pepper's Text-Book of the Theory and Practice of Medicine by American Teachers.

Collateral Reading. — Pepper's System of Practical Medicine by American authors. Eulenburg's Real-Encyclopädie der gesammten Heilkunde, 2^{te} auf.

CLINICAL MEDICINE.

Text-Books. — Strümpell's Text-Book of Medicine. Osler's Practice of Medicine. Flint's Practice of Medicine. DaCosta's Medical Diagnosis.

Musser's Medical Diagnosis. Flint's Manual of Percussion and Auscultation. • Tyson's Physical Diagnosis.

Collateral Reading. — Pepper's System of Practical Medicine by American Authors. Pepper's American Text-books of the Theory and Practice of Medicine. Fagge's Practice of Medicine. Gowers' Diseases of the Nervous System. Cutler and Garland's Percussion Outlines.

SURGERY.

Text-Books. — An American Text-Book of Surgery. Warren's Surgical Pathology.

Collateral Reading. — Cheever's Lectures on Surgery. Dennis' System of Surgery. Roswell Park's Surgery. Greig Smith's Abdominal Surgery. Stephen Smith's Operative Surgery. Morrow's System of Genito-Urinary Diseases. Treve's Manual of Operative Surgery. DaCosta's Manual of Modern Surgery.

GYNAECOLOGY.

Text-Books. — Garrigues' Diseases of Women.

Collateral Reading. — Keating and Coe's Clinical Gynaecology. Thomas and Mundé's Diseases of Women. Skene's Diseases of Women. Davenport on Diseases of Women. Pozzi's Treatise on Gynaecology (American edition). Winckel's Diseases of Women. Emmet's Principles and Practice.

PEDIATRICS.

Text-Book. — Rotch's Pediatrics.

Collateral Reading. — Keating's Cyclopaedia of the Diseases of Children.

OPHTHALMOLOGY.

Text-Books. — Schweinitz, Fuchs, Williams.

Collateral reading. — Loring, on the Ophthalmoscope. Landolt, on Refraction and Accommodation. Noyes. Norris and Oliver.

OTOLOGY.

Text-Books. — Politzer, by Dalby. Hovell, Diseases of the Ear and Naso-Pharynx. Roosa. Burnett.

Collateral Reading. — Politzer, Diseases of the Ear. Schwartze, Handbuch der Ohrenheilkunde. Buck's Manual of Diseases of the Ear.

DERMATOLOGY.

Collateral Reading. — Duhring, Hyde, Robinson, Crocker, Kaposi, v. Ziemssen, Besnier, Van Harlingen, Jackson, Taylor.

NEUROLOGY.

Text-Books. — Gowers' Diseases of the Nervous System. Dana's Text-Book of Nervous Diseases. Hirt's Diseases of the Nervous System. Gray's Mental and Nervous Diseases. Herter's Manual of Diagnosis of Nervous Diseases. Sach's Nervous Diseases of Children.

MENTAL DISEASES.

Text-Books. — Clouston. Folsom's Monograph in Peppers System of Medicine.

Collateral Reading. — J. Bevan Lewis. Spitzka. Tuke's Dictionary of Psychiatric Medicine.

LEGAL MEDICINE.

Text-Books. — Taylor's Manual of Medical Jurisprudence.

Collateral Reading. — Ogston, Mann, Hofmann, Witthaus and Becker.

INSTRUCTION FOR 1896-97.

Anatomy.

Anatomy. (*First year.*) *Four times a week till Christmas. Three times a week in January.* Professor DWIGHT. *Twice a week till April.* Assistant Professor DEXTER. Recitations. *Once a week.* Dr. TENNEY.

Practical Anatomy, with exercises in Dissection. *Eight hours daily from October 15th till May.* Demonstrations. Drs. BROOKS, TENNEY, LUND, J. B. BLAKE, LOTHROP, and WARREN.

Anatomy. (*Second year.*) *Twice a week till Christmas.* Assistant Professor DEXTER, and *three times a week in second term.* Professor DWIGHT.

Histology and Embryology.

Histology. — Lectures. *Twice a week during the first half-year.* Professor MINOT. Laboratory exercises. *Twice a week during the first half-year.* Professor MINOT, Drs. QUINCY, SCHAPER, AMES, and DELUE.

Embryology. — Lectures. *Once a week during the second half-year.* Professor MINOT. Laboratory exercises. *Twice a week during the second half-year.* Professor MINOT, Drs. QUINCY, SCHAPER, AMES, and DELUE.

Bacteriology.

Eighteen lectures in second half-year. Asst. Professor ERNST.

Practical laboratory work. *Eighteen hours for each student in the second half-year.* Professor ERNST.

Advanced Bacteriology. Fourth year elective. Lectures and laboratory work. *Six times a week during first term.*

Physiology.

Systematic and Experimental Physiology. *Four times a week during first half-year. Six times a week during second half-year.* Professors BOWDITCH and W. T. PORTER.

Laboratory exercises in Experimental Physiology. *Three times a week in sections.* Assistant Professor PORTER and Mr. LOCKE.

Advanced Physiology. Fourth year elective. *Twice a week.* Professors BOWDITCH and PORTER.

Chemistry.

Physiological Chemistry. *Once a week during the first half-year. Twice a week during second half-year.* Professor HILLS.

Clinical Chemistry. *Twice a week.* Professor WOOD.

Advanced Chemistry. Fourth year elective. *Twice a week.* Professor WOOD.

Practical exercises in the laboratory. *Daily.* Professors WOOD and HILLS, and Drs. OGDEN, HEWES, and EWALD.

Hygiene.

First Year. Lectures and Demonstrations. *Once a week during the first half-year.* Dr. HARRINGTON.

Fourth Year Elective. *Once a week during first half-year.* Dr. HARRINGTON.

Therapeutics and Materia Medica.

Lectures and recitations. *Twice a week.* Dr. HARRINGTON.

Demonstrations. *Once a week during half the year.* Dr. PFAFF.

Voluntary laboratory work. Dr. HARRINGTON and Mr. JORDAN.

Pathology and Pathological Anatomy.

General Pathology and Pathological Anatomy. *Twice a week.* Professor COUNCILMAN.

Special Pathological Anatomy, with demonstrations. *Once a week.* Professor COUNCILMAN.

Laboratory exercises in Pathological Histology. *Twice a week.* Asst. Professor MALLORY, and Drs. WRIGHT, NICHOLS, and CURRY.

Practical instruction in performing Autopsies. *Throughout the year.* Professors COUNCILMAN and MALLORY, and Dr. WRIGHT.

Surgery.

Surgery and Surgical Pathology. *Three times a week at the School and at the Hospital throughout the year.* Professor WARREN.

Recitations. *Twice a week.* Asst. Professor BURRELL and Dr. MUNRO.

Application of Bandages and Apparatus. *Laboratory exercises to the class in sections during first half-year.* Drs. SCUDDER and BALCH.

Use of Instruments. *Laboratory exercises to the class in sections during the second half-year.* Dr. MIXTER.

Orthopedic Surgery.

Required Course. Lectures. *Once a week for four months.* Medical School and Children's Hospital.

Clinical quizzes. *Three times a week in sections.*

Elective Course. Clinical exercises. *Three times a week for four months.*

Clinical Surgery.

Lectures at the Massachusetts General Hospital. *Once a week till February*, Professor PORTER. *February to June*, Asst. Professor M. H. RICHARDSON. Boston City Hospital. *Once a week till December*, Dr. GAY. *December till June*, Asst. Professor BURRELL.

SECOND CLASS.

Clinical Surgery Conference. *Once a week, from October till May*. Professor PORTER.

Clinical visits, *in sections of half the class, once a week throughout the year*, at the Massachusetts General Hospital, by Professors PORTER and WARREN, Assistant Professor M. H. RICHARDSON, and Drs. BEACH and HOMANS. — At the Boston City Hospital, by Assistant Professor BURRELL, and Drs. GAY, BOLLES, POST, GAVIN, WATSON, and MONKS.

THIRD CLASS.

In small sections daily in the Out-Patient Departments of the Massachusetts General Hospital, by Drs. CONANT and SCUDDER. — At Boston City Hospital, by Drs. LOVETT, MUNRO, THORNDIKE, and E. W. DWIGHT.

Clinical visits, *in sections of half the class, once a week throughout the year*, at the Massachusetts General Hospital and Boston City Hospital.

FOURTH CLASS.

Lectures. *Twice a week*. Visits. *Twice a week*. Operations. *Twice a week*. Surgical Diagnosis. *Once a week*. Surgical Emergencies. *Every evening in small sections*.

OPERATIVE SURGERY.

Operations are performed before the students one day each week throughout the year in the Amphitheatres at the Massachusetts General Hospital and Boston City Hospital.

Operative Surgery and Surgical Anatomy. *Exercises illustrated upon the cadaver twice a week in November and December*. Professor PORTER.

Operative Surgery. *Fifteen practical exercises by the students of the Fourth Class*, under the direction of Professors PORTER and BURRELL, assisted by Drs. MIXTER, MONKS, SCUDDER, BROOKS, and C. A. PORTER.

The surgical cases at the Eye and Ear Infirmary and at the Boston Dispensary are shown by the surgeons in charge.

Dermatology.

THIRD CLASS.

Diseases of the Skin. *Once a week*. Professor WHITE.

Clinical Dermatology. *Once a week*. Professor WHITE.

FOURTH CLASS.

Clinical Dermatology. *Twice a week*. Dr. ROWEN.

Theory and Practice of Physic.

Lectures. *Twice a week.* Professor FITZ. Clinical lectures. *Twice a week.* Professor FITZ. Recitations or demonstrations. *Twice a week.* Dr. CUTLER.

Clinical Medicine.

SECOND CLASS.

Clinic. *Once a week.* Dr. VICKERY. *Once a week.* Dr. WITHINGTON. Practical Instruction in Auscultation and Percussion. *Six times a week during the first half-year.* Drs. GANNETT, V. Y. BOWDITCH, SEARS, and KNIGHT. *During the second half-year at the bed side in the wards.* Professor MASON, and Drs. GANNETT, VICKERY, WITHINGTON, and BOWDITCH.

THIRD CLASS.

Twice a week. Professor SHATTUCK. *Twice a week.* Professor MASON. Medical visits are made at the City Hospital with Professor MASON and Drs. J. G. BLAKE, G. B. SHATTUCK, FOLSOM, and WITHINGTON.

FOURTH CLASS.

Clinic with special reference to Therapeutics. *Once a week.* Professor SHATTUCK. *Once a week.* Professor MASON.

Clinical Conference. *Once a week.* Dispensary cases. *In the second half-year.* Infectious Diseases and Practical Diagnosis.

Neurology.

Clinical Instruction. Third Class. *Once a week, first term.* *Twice a week, second term.* Professor PUTNAM. Fourth Class. *Three times a week.* Professor PUTNAM, and Drs. WALTON, KNAPP, and PRINCE.

Psychiatry.

Lectures. Third Class. *Once a week during second half-year.* Dr. FISHER.

Clinical Instruction. Fourth Class. *Once a week during second half-year.* Drs. FISHER and COWLES.

Pediatrics.

Lectures. *Once a week.* Professor ROTCH.

Clinical exercises. *Twice a week.* Professor ROTCH and Drs. BUCKINGHAM, WENTWORTH and CRAIGIN.

Clinical Conference. *Once a week in the second half-year.* Professor ROTCH and Drs. BUCKINGHAM, WENTWORTH and CRAIGIN.

Obstetrics.

Theory and Practice of Obstetrics. *Twice a week.* Professor WM. L. RICHARDSON. Recitations. *Once a week.* Dr. REYNOLDS.

Operative Obstetrics. *Twelve practical exercises.* Asst. Professor C. M. GREEN.

Practical Instruction in Clinical Obstetrics. *Throughout the year.* Asst. Professor C. M. GREEN and Drs. REYNOLDS, TOWNSEND and HAVEN.

Obstetrical Conference. *Once a week after January 1st.* Professor WM. L. RICHARDSON and Asst. Professor C. M. GREEN, and Drs. REYNOLDS, TOWNSEND, and HAVEN.

Clinical Obstetrics. *Twice a week for five months.* Professor WM. L. RICHARDSON and Asst. Professor C. M. GREEN.

Operative Obstetrics. *Practical exercises.* Drs. REYNOLDS, TOWNSEND, and HAVEN.

Gynaecology.

THIRD CLASS.

Lecture or recitation. *Twice a week during first half-year.* Asst. Professor DAVENPORT.

Clinical exercises. *Six times a week till April, then three times a week.* Drs. SWIFT, HAVEN, and REYNOLDS.

FOURTH CLASS.

Clinical and Operative exercises. *Twice a week.* Asst. Professor C. M. GREEN.

Clinical Conference. *Once a week.* December to May. Asst. Professor C. M. GREEN.

Ovarian Tumors.

Once a week for six weeks. Dr. HOMANS.

Syphilis.

Twice a week. Dr. POST.

Ophthalmology.

Lectures. *Once a week during first half-year.* Professor WADSWORTH and Drs. STANDISH and CHENEY. *Four times a week during second half-year.* Professor WADSWORTH.

Otology.

Three times a week during first half-year. Professors C. J. BLAKE and J. O. GREEN.

Six Clinical exercises a week during second half-year. Professors C. J. BLAKE, J. O. GREEN, and Drs. CROCKETT and HAMMOND.

Diseases of the Throat and Nose.

Two practical exercises and one didactic lecture a week. Drs. DEBLOIS, FARLOW, and COOLIDGE.

Diseases of the Genito-Urinary Apparatus.

Once a week. Drs. WATSON and THORNDIKE.

Legal Medicine.

Three times a week during the first half-year. Professor DRAPER.

Municipal Sanitation.

Once a week during second half-year. Dr. DURGIN.

Clinical Microscopy.

Once a week. Dr. WHITNEY.

Cookery.

Twice a week (two hours) for one month. Boston Cooking School.

Orthopedics.

Lectures *during first half-year.* Clinical exercises. *Twice a week during second half-year.* Asst. Professor BRADFORD.

CLINICAL ADVANTAGES.

The Medical Department of the University is established in Boston, in order to secure those advantages for Clinical Instruction and for the study of Practical Anatomy which are found only in large cities.

There are Hospital visits or operations daily.

The Massachusetts General Hospital. — During the past year, between three and four thousand patients were treated in the wards, and nearly thirty thousand in the out-patient departments. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week. Operations are numerous, and are performed in the amphitheatre, which is provided with seats for 400 persons. Clinics in the following special branches have been established in connection with the out-patient department: Dermatology, Laryngology, Diseases of the Nervous System, and Ophthalmology.

The City Hospital. — During the past year, 7956 cases were treated in its wards, and 17,740 in its various out-patient departments. The medical wards always contain many cases of acute diseases, and changes are taking place constantly. The opportunities for seeing fractures, injuries, and traumatic cases of all kinds are excellent, since, on an average, 800 street accidents are yearly treated. Surgical operations are performed in the amphitheatre. There is a special service for diseases of women. Diseases of the eye, the ear, the skin, the nose and throat,

and also diseases of women and of the nervous system are largely treated in the out-patient department. Clinical instruction is given by the physicians and surgeons two or more times a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

The Boston Lying-in Hospital. — More than five hundred patients are annually confined in the Hospital. In the out-patient department, over fifteen hundred cases are annually attended by the hospital externes who are appointed from the third and fourth year students. Clinical instruction is given in these cases by the physicians to out-patients and the House Physicians.

The Boston Dispensary. — Over forty thousand patients were treated at this Public Charity during the past year. A new building has lately been erected at a cost of \$50,000, where students have ample and excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of medicine and surgery.

Children's Hospital. — During the past year more than seven hundred cases were treated in the wards and about seventy-six hundred in the out-patient departments. Instruction in orthopedic surgery and in the general diseases of children is given by members of the hospital staff.

The Massachusetts Charitable Eye and Ear Infirmary. — 20,087 patients were treated at this institution during the last year. These cases present every variety of disease of the ear and eye, and supply a large number of operations.

The Marine Hospital at Chelsea receives from the shipping of the port a large number of patients, who furnish examples of the diseases of foreign countries and of distant parts of the United States. Many cases of venereal disease, in its various forms, are treated annually.

Students are also permitted to visit the Free Hospital for Women and the Carney Hospital on application to the physicians on duty.

There are more than sixty appointments annually for Internes in the various hospitals, and nearly as many more for Assistants in the out-patient departments. Appointments for the Massachusetts General and City Hospitals are for the term of eighteen months, for the Boston Lying-in Hospital for six months, and for the Free Hospital for Women for nine months.

EXAMINATIONS.

The final examination in every required subject is held at the close of either the first or the second term of the school year. The examination, therefore, in every subject occurs once a year, but an opportunity to make up failures in examinations will be offered at the opening of the school year. The *June examination* is for those only who are members of the School at the time and for those entitled to apply for the degree. The *September examination* is for those only who have previously been examined and have failed in the subject of the examination or who are applicants for advanced standing. In some branches a portion of the examination consists of practical work in the laboratory.

First Year. — Anatomy (2 hrs.), Physiology (3 hrs.), Histology* (1 hr.), Physiological Chemistry (1½ hr.), Bacteriology (1 hr.).

Second Year. — Anatomy (2 hrs.), Pathological Anatomy (3 hrs.), Clinical Chemistry (2 hrs.), Materia Medica and Therapeutics (2 hrs.).

Third Year. — Theory and Practice (3 hrs.), Surgery (3 hrs.), Obstetrics (3 hrs.), Pediatrics (2 hrs.), Dermatology (1 hr.), Neurology (1 hr.), Gynaecology (1 hr.), Mental Diseases (1 hr.).

Fourth Year. — Clinical Medicine (3 hrs.), Clinical Surgery (2 hrs.), Orthopedics † (1 hr.), Ophthalmology † (1 hr.), Otology † (1 hr.), Laryngology † (1 hr.), Legal Medicine † (1 hr.), Syphilis † (1 hr.).

Electives. — Gynaecology (2 hrs.), Dermatology (2 hrs.), Neurology (2 hrs.), Ophthalmology (2 hrs.), Otology (2 hrs.), Orthopedic Surgery (2 hrs.), Physiology (1 hr.), Chemistry (1 hr.), Operative Surgery (1 hr.), Operative Obstetrics † (1 hr.), Bacteriology † (1 hr.), Hygiene † (1 hr.), Clinical Microscopy (1 hr.).

In addition to the above examinations each student is required to present a satisfactory report of the analysis of a specimen of urine, to examine and report upon two clinical cases in Surgery, a case of fracture and four cases in Medicine, and to take charge of and report upon six cases in Obstetrics; each student must also have dissected the three parts of the body to the satisfaction of the Demonstrator, and no student shall be admitted to the examination on Anatomy at the end of the first year who has not so dissected two parts, nor to that at the end of the second year who has not so dissected three parts, unless excused by the Professor of Anatomy.

In the fourth year, three hours of examination in electives are obligatory. *The choice of electives must be made within two weeks of registration at the beginning of the year, and must be given to the Secretary in writing.*

* The examination in this subject will be held at the end of the first half-year.

† The examinations in these subjects will be held at the end of the first half-year.

The general elective courses are open to all members of the fourth class who elect them with the intention of taking the examination.

Students electing Ophthalmology, Otology, or Orthopaedics in the fourth year are obliged to pass only the two-hours examination in these subjects at the end of the year. Only one hour of these two can count as an elective.

Candidates for the degree who shall have served satisfactorily as internes in the Massachusetts General Hospital, Boston City Hospital, Carney Hospital, Children's Hospital, and State Almshouse Hospital, for a period of not less than one year, may be exempt from examination in the electives of the fourth year.

No student is allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty.

After two failures to pass in any subject a charge of \$3 will be made for each subsequent examination in that subject.

DIVISION OF STUDENTS.

Students are divided into four classes, according to their time of study and proficiency. Students who began their professional studies in other recognized Medical Schools may be admitted to advanced standing; but all persons who apply for admission to the advanced classes must pass examinations in the branches already pursued by the class to which they seek admission, and furnish a satisfactory certificate of time spent in medical studies. No student may advance with his class, or be admitted to advanced standing, until he has passed the required examinations in the studies of the previous year, or a majority of them; nor may he become a member of the third class, until he has passed all the examinations of the first, including admission examinations, and in addition a majority of those of the second year; nor of the fourth class, until he has passed all of the examinations of the first and second, in addition to a majority of those of the third year. *No student will be permitted to take part in any exercise of the third year unless he is clear of all entrance conditions.*

No student will be permitted to continue his membership in the School if at the beginning of his second year he has passed none of the first year examinations.

In order that the time of study shall count as a full year, students of all classes must present themselves within the first week of the School year and register their names with the Secretary.

Any student may obtain a certificate of his period of connection with the School.

LIBRARIES.

The students have access, free of charge, to the books belonging to the library of the School in the several departments.

The College Library at Cambridge is open to the students of the Medical School.

The Boston Public Library, which contains a large collection of medical books, is open to students who are inhabitants of Boston. Students, not inhabitants of Boston, who have filed a bond at the Bursar's office, or deposited with the Bursar the sum of fifty dollars, may also use this library. The Bursar will furnish on application the necessary certificate of bond or deposit.

REQUIREMENTS FOR A DEGREE.

Every candidate must be twenty-one years of age, and of good moral character; must give evidence of having studied in a recognized Medical School at least four full years; have spent at least one continuous year at this School; and have passed the required examinations.

At the end of the four years of study the degree of Doctor of Medicine will be given to those students who have fulfilled its requirements. This degree *cum laude* will be given to candidates who have obtained an average of over seventy-five per cent in all the required examinations.

The presentation of a thesis is not a requirement for graduation, but candidates for the degree of M.D. may present a voluntary thesis. If of conspicuous merit, it will receive honorable mention; if also of a suitable character, it may be read at the University Commencement exercises. Theses must be completed and delivered to the Dean on or before the first day of June.

The degree of Master of Arts is open to graduates of the School who are also Bachelors of Arts of Harvard College, and to Bachelors of Arts of other Colleges who shall be recommended by the Faculty of Arts and Sciences of Harvard College. Candidates must pursue an approved course of study in Medicine for at least one year after taking the degree of Doctor of Medicine.

A graduate of another medical school may obtain the degree of M.D. at this University, after a year's study in the graduates' course and after passing all examinations required in the full undergraduate course, which may be taken at such times as shall be agreed upon by the examiners and the graduate student.

ANATOMICAL PRIZE.

Professor C. B. PORTER offers a prize of fifty dollars, open to all students, and graduates of not more than five years' standing, except teachers of anatomy, for the best dissection deserving the award illustrative of surgical anatomy, the specimen to be presented to the Museum.

OTOLOGY PRIZE.

For the best preparation illustrating the osseous anatomy of the ear or for the best thesis showing original work on an otological subject, a prize of twenty-five dollars is offered, open to fourth-year students.

PECUNIARY AID.**FELLOWSHIPS.**

BULLARD FELLOWSHIPS. In 1891, Mr. William S. Bullard gave the sum of fifteen thousand dollars for the establishment of three fellowships of five thousand dollars each "in memory of three physicians who were distinguished for their honorable personal character and for their professional services in this community." Accordingly the three following fellowships were established with a yearly income of \$225 each:—

THE GEORGE CHEYNE SHATTUCK MEMORIAL FELLOWSHIP.

THE JOHN WARE MEMORIAL FELLOWSHIP.

THE CHARLES ELIOT WARE MEMORIAL FELLOWSHIP.

The income from any one or all of these fellowships may be paid to any student or member of the medical profession who shall be selected by the Faculty of the Medical School to make such original investigations in Medical Science, as in their opinion will be most useful to the profession and to the community.

Holders of Bullard Fellowships are required to do an amount of work equivalent to not less than ten hours per week throughout the academic year and to present to the Committee at the end of the academic year a report on the amount and result of the work performed.

SCHOLARSHIPS.

The Cheever Scholarship is awarded to a student of the first year class. The Hayden Scholarship may be so awarded. All the other Scholarships are awarded to members of the three upper classes.

BARRINGER SCHOLARSHIPS. Two, known as the Edward M. Barringer Scholarship No. 1, and the Edward M. Barringer Scholarship No. 2, and having a yearly income of \$300 and \$200 respectively, from a bequest of Edward M. Barringer will be awarded to deserving students, preferably those of the fourth class.

DAVID WILLIAMS CHEEVER SCHOLARSHIP, with an income of \$200, was founded by David Williams Cheever, LL. D., M. D., of Boston in 1889. It is to be awarded to a poor and meritorious student of the first year, after three months probation in the Medical School.

ISAAC SWEETSER SCHOLARSHIP was founded in 1892 by Mrs. Anne M. Sweetser. The income of \$250 is to be "devoted to the aid of poor students of ability who would not otherwise be able to continue the studies necessary for their profession."

CLAUDIUS M. JONES SCHOLARSHIP, with an income of \$250, is from a bequest of six thousand dollars by Claudius M. Jones, M. D.

ORLANDO W. DOE SCHOLARSHIP. One-half the income the from bequest of Orlando W. Doe, M. D., of five thousand dollars, amounting to \$100 "is to be given annually as a scholarship to a deserving student in the Medical department."

CHARLES PRATT STRONG SCHOLARSHIP, with an income of \$100, was founded in 1894 by friends and patients of the late Charles Pratt Strong, M. D.

The LEWIS AND HARRIET HAYDEN SCHOLARSHIP for colored students was founded in 1894 from a bequest of Mrs. Harriet Hayden. The income is \$200.

FACULTY SCHOLARSHIPS. Four scholarships, with an income of \$200 each, have been established by the Faculty, and are open to meritorious students who have been at the School for at least one year. Only those students needing assistance are expected to apply; and of such, those holding the highest rank will have the preference. Holders of Faculty scholarships may be required to render assistance in laboratory courses to an amount not exceeding four hours per week.

ALFRED HOSMER LINDER SCHOLARSHIP, with an income of \$200, was founded in 1895 by Mrs. George Linder. It is to be awarded to a needy student who shall have proven himself to be of sound principles and marked ability.

EVELETH SCHOLARSHIPS. Three Scholarships with an annual income of \$200 each. Founded from the residuary bequest of thirty-seven thousand eight hundred and ninety-seven dollars, made by Joseph Eveleth, of Boston, "for aiding deserving and indigent young men in obtaining an education in said College or any of the schools connected therewith." Three Scholarships on this foundation have been assigned to the Medical School.

The income of the John Foster Fund, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance.

All applications for scholarships or pecuniary aid, except for the Cheever and Hayden Scholarships, must be handed to the Dean on or before May 30 of each year.

Applications for the Cheever and Hayden Scholarships must be handed to the Dean on or before November 30.

The blank form on which all applications for pecuniary aid must be made can be obtained of the Dean.

FEES AND EXPENSES.

For matriculation, five dollars; for the first three years, two hundred dollars for each year (if in two payments, at the first, one hundred and twenty dollars; at the second, eighty dollars); for a half-year alone, one hundred and twenty dollars; the fee for the full year to all students entitled to be classified as fourth-year students and who have been regular members of the School for three full years will be one hundred dollars; for graduation, thirty dollars. During the first two years there are the following additional expenses: Two dollars for each of the three parts required for dissection; and five dollars per year for chemical material, in addition to the charge for breakage of glass apparatus. A deposit of fifteen dollars is required to cover these charges for chemical material and breakage. The balance of this deposit is returned at the end of the year. A deposit of two dollars with the Dean will entitle a student to the use of a locker in the School building. A student who wishes to rent a microscope of the School can do so upon payment of three dollars a term. In the fourth year a charge of three dollars will be made for material used in the course in Operative Surgery. Of students who do not pay in advance, a bond for \$300, executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. A copy of such bond will be sent, on application to the Secretary of the Faculty, and all students are recommended to deposit such a bond. To students depositing bonds, term-bills will be presented one week before the end of the first term, to be paid within two weeks; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they have notified the Dean in writing of their intention to withdraw from the School, and have subsequently received their bond from the Bursar.* Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount

* The Bursar's office is in Wadsworth House, Harvard Square, Cambridge.

due for that portion of the time during which he receives no instruction. This remission will date from the reception by the Dean of a written notice of the student's withdrawal from the School. No degree can be conferred till all dues to the School are discharged. The student's general expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. A list of boarding places at various prices can be obtained at the rooms of the Young Men's Christian Association, corner of Berkeley and Boylston Streets, and the rooms of the Young Men's Christian Union, No. 48 Boylston Street, Boston.

COURSES OF STUDY FOR GRADUATES.

The Faculty has arranged an improved plan of instruction for graduates, embracing nearly all the branches of practical and scientific medicine. It is designed to supply good opportunities for clinical and laboratory study.

The laboratories of the School are well equipped for practical work, and the clinical advantages afforded by the hospitals of Boston furnish abundant material for all purposes of instruction. The following are the principal institutions:—

Massachusetts General Hospital,	Boston Lying-in Hospital,
Boston City Hospital,	The Children's Hospital,
Boston Dispensary,	McLean Hospital (for the Insane,)
Massachusetts Eye and Ear Infirmary,	Boston Lunatic Hospital,
Free Hospital for Women,	The Carney Hospital.

Instructors in the Medical School are members of the medical and surgical staffs of these institutions, and students are admitted to all of them under their immediate supervision.

Instruction in the graduate courses is entirely distinct from that of the undergraduate department of the School, with but few exceptions; but students of the former will be admitted also to all the regular lectures (not clinical) of the latter without extra charge during their connection with the School.

Instruction will be conducted in small classes and under the personal direction of the heads of departments.

Instruction will be given throughout the academic year, October to June. A certificate of attendance will be furnished when desired.

FEEs.

The fees for the separate courses in the several departments vary.

Fee for two months' attendance upon all the courses,	\$100.
“ “ four months’ “ “ “ “	150.
“ “ attendance throughout the academic year “ “ “	200.

An extra fee is required for the use of material in laboratory, dissecting and operative courses.

All fees are payable in advance to the Secretary of the Medical School.

Those pursuing these courses may elect the studies to which they will give their attention, and allot the time they will devote to each. They will be exempt, unless at their option, from examinations, and may obtain a certificate of attendance on the courses pursued. On payment of the full fee for the year, they will have the privilege of attending other exercises of the Medical School, the use of its laboratories and library, and all other rights accorded by the University.

A series of lectures on special subjects will be given on Thursday evenings from October till May. These lectures are open to all members of the profession.

A graduate of another medical school of recognized standing may obtain the degree of M.D. from this University, after a year's study in the graduates' course and after passing the required examinations, which can be taken at such times as may be agreed upon by the examiners and the graduate student.

For further information and full description of the courses and lectures for graduates, address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston, Mass.

SUMMER COURSES.

During the summer of 1897 courses in many branches of practical and scientific medicine will be given by some of the teachers of the School. These courses will be clinical in character and will be given at the Hospitals and Dispensaries by the physicians and surgeons on duty. Practical instruction will also be given in several of the Laboratories at the School by the instructors in charge.

A detailed list of the Summer Courses will be announced in March. For further information address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston, Mass.

The following Courses are announced in the Graduate Department for 1896-97.

SUBJECT.	INSTRUCTOR.	PLACE.	TIME.	FEE.
1. Anatomy of the Joints	Dr. Dwight	Medical School	Special *	\$25.
2. Dissection Courses	Dr. Brooks	Medical School	After Nov. 1	20.
3. Special Anatomical Instruction	Dr. Dwight	Medical School	Special *	Special.*
4. Histology and Microscopy	Drs. Minot and Schaper	Medical School	Special *	30.
5. Elem. Human Embryology	Drs. Minot and Schaper	Medical School	Special *	25.
6. Advanced Embryology	Dr. Minot	Medical School	Oct.—May	75-125
7. Structure of the Brain	Dr. Schaper	Medical School	March, Apr.	5.
8. Structure and Development of the ear				
9. Physiology	Dr. Schaper	Medical School	Special	25.
10. Medical Chemistry	Dr. Bowditch	Medical School	Special *	Special.*
11. Practical Pathology	Dr. Wood	Medical School	Special *	35.
12. Pathological Histology	Dr. Councilman	Medical School	Special	30-50.
13. Neuropathology	Dr. Wright	Medical School	Special	25.
14. Advanced Neuropathology	Dr. Taylor	Medical School	Special	25.
15. Surgical Pathology	Dr. Taylor	Medical School	Special	75-125.
16. Clinical Microscopy	Dr. Nichols	Medical School	Special	25.
17. Clinical Medicine	Dr. Whitney	Mass. General Hospital	Special	Special.
18. Clinical Haematology	Dr. Mason	Boston City Hospital	Nov., Dec., Jan.	20.
19. Physical Diagnosis	Dr. Morse	Boston City Hospital	Dec., Jan.	15.
20. Physical Diagnosis	Dr. Knight	Boston City Hospital	Oct., Nov.	15.
21. Physical Diagnosis	Dr. Morse	Boston City Hospital	Oct., Nov.	15.
22. Clinical Medicine	Dr. Ernst	Mass. General Hospital	Oct.	15.
23. Clinical Medicine	Dr. V. Y. Bowditch	Boston City Hospital	March, Apr.	15.
24. Infectious Diseases	Dr. Withington	Boston City Hospital	May	20.
25. Intubation	Dr. McCollom	Boston City Hospital	Oct., Nov.	25.
26. Clinical, Operative, Genito-urinary, Pathological and Minor Surgery	Dr. McCollom	Boston City Hospital	Special	Special.
27. Clinical, Operative, and Minor Surgery	Drs. Monks and Thorndike Munro	Boston City Hospital	Oct.—Dec.	25.
28. Operative Surgery	Dr. C. B. Porter	Boston City Hospital	Dec.—Apr.	25.
29. Clinical Surgery	Dr. M. H. Richardson	Medical School	Special *	25.
30. Children's Surgery	Drs. Burrell and Lovett	Mass. General Hospital	Feb., March, Apr., May	25.
31. Children's Surgery	Dr. Burrell and Lovett	Children's Hospital	Oct., Nov., Dec.	25.
32. Clinical Surgery	Dr. Gay	Children's Hospital	Apr., May, June	25.
33. Surgical Diagnosis	Dr. Scudder	Boston City Hospital	Oct., Nov.	15.
34. Orthopedic Surgery	Dr. Bradford	Mass. General Hospital Children's Hospital	Oct.—June Apr.	25. 15.

†35. Minor Surgery	Dr. Lund	Boston City Hospital	Apr., May	15.
36. Minor Surgery	Dr. J. B. Blake	Boston City Hospital	Apr., May, June	15.
37. Syphilis	Dr. Post	Boston Dispensary	Feb., March	Special.
38. Gonorrhoea	Dr. J. B. Blake	Boston Dispensary	Oct., Nov., Dec.	Special.
39. Clinical Obstetrics	Dr. W. L. Richardson	Boston Lying-in Hospital	Nov., Dec., -Apr., May	20.
†40. Clinical Obstetrics	Dr. C. M. Green	Boston Lying-in Hospital	Jan., Feb., March	20.
41. Practical Obstetrics	Drs. Reynolds, Townsend, and Haven.	Boston Lying-in Hospital	Special *	20.
42. Operative Obstetrics	Dr. C. M. Green	Medical School	Special *	25.
†43. Diseases of the Skin	Dr. White	Mass. General Hospital	Oct.—June	25.
†44. Otolgy	Dr. Blake	Infirmary	Dec., Jan., Apr., May	25.
†45. Otolgy	Dr. Crockett	Infirmary	Dec., Jan.	25.
†46. Ophthalmology	Dr. Staudish	Infirmary	Dec., Jan.	Special.*
†47. Ophthalmology	Dr. Cheney	Mass. General Hospital	March, Apr.	Special.*
†48. Ophthalmology	Dr. Cheney	Infirmary	June	10.
49. Gynaecology	Dr. Swift	Free Hospital for Women	Oct.	25.
50. Gynaecology	Dr. Swift	Free Hospital for Women	Dec.	25.
51. Gynaecology	Dr. Davenport	Free Hospital for Women	Jan.	25.
52. Gynaecology	Dr. Davenport	Free Hospital for Women	March	25.
53. Gynaecology	Dr. Haven	Boston Dispensary	Nov.	25.
54. Gynaecology	Dr. Swift	Boston Dispensary	Jan., Feb.	25.
55. Gynaecology	Dr. C. M. Green	Boston City Hospital	Oct., Nov., Dec.	25.
56. Operative Gynaecology	Dr. Davenport	Medical School	Special *	25.
57. Diseases of the Nose and Throat	Dr. DeBlois	Boston City Hospital	Feb., March	Special.*
†58. Diseases of the Nose and Throat	Dr. Farlow	Boston Dispensary	Oct.—Jan.	Special.*
†59. Diseases of the Nose and Throat	Dr. Farlow	Boston City Hospital	Apr., May	Special.*
†60. Diseases of the Nose and Throat	Dr. Coolidge	Mass. General Hospital	Feb., March	Special.*
†61. Mental Diseases	Dr. Cowles	McLean Hospital	Special *	10.
†62. Bacteriology	Dr. Ernst	Medical School	Special *	25.
†63. Diseases of Children	Dr. Wentworth	Children's Hospital	Oct., Nov.	20.
†64. Diseases of Children	Dr. Wentworth	Children's Hospital	Dec., Jan.	20.
†65. Diseases of Children	Dr. Buckingham	Children's Hospital	Feb., March	20.
†66. Diseases of Children	Dr. Buckingham	Children's Hospital	Apr., May	20.
†67. Advanced Neurology	Dr. Putnam	Mass. General Hospital	Special	Special.
†68. Neurology	Dr. Knapp	Boston City Hospital	Feb., March	20.
†69. Neurology	Dr. Knapp	Boston City Hospital	Apr., May	20.
70. Neurology	Dr. Walton	Mass. General Hospital	Nov.	20.
71. Legal Medicine	Dr. Draper	Boston City Hospital	Oct.—June	25.
72. Hygiene	Dr. Harrington	Medical School	Special *	25.
†73. Pharmacology	Dr. Pfaff	Medical School	Special *	Special.

* To be arranged with instructor.

† Women admitted.

‡ Women admitted conditionally.

SUMMER COURSES OF INSTRUCTION IN THE MEDICAL SCHOOL. 1896.

No.	Subject.	Instructor.	Place.	No. of Exer- cises.	Begins.	Ends.	Days.	Hour.	Fee.
1	Anat. of Central Nervous System ^b	Dr. Taylor	Medical School						20.00
2	Anatomy of the Ear ^{a b}	Dr. Bryant	Medical School	24	June	Sept.			25.00
3	Surg. Anat. and Regional Diagnosis	Dr. Scudder	189 Beacon St.	9	Aug. 3	Aug. 21	Mo. We. Fr.		15.00
4	Histology and Microscopy ^o	Dr. Ames	Medical School	18	July 15	Aug. 24	Mo. We. Fr.	3	20.00
5	Blood Examination	Dr. Hewes	Medical School	25	June 29	July 31	Daily	1	30.00
6	Pathological Anatomy ^{b 1}	Dr. Mallory	City Hospital		July 1				30.00
7	Pathological Anatomy ^a	Dr. Taylor	Medical School	14	July 1	July 31	Mo. We. Fr.	3	20.00
8	Clinical Pathology	Dr. E. W. Dwight	City Hospital	13	Aug. 1	Aug. 29	Tu. Th. Sat.	10	15.00
9	Clinical Pathology	Dr. E. W. Dwight	City Hospital	13	Sept. 1	Sept. 29	Tu. Th. Sat.	10	15.00
10	Bacteriology	Dr. Stone	Medical School	35	July 7	Aug. 15	Daily	3.30	30.00
11	Bacteriology ^o	Dr. Darling	Medical School	28	Aug. 17	Sept. 17	Daily	3.30	25.00
12	Chemistry ^{e f}	Dr. Hills	Medical School	30	June 29	Aug. 1	Daily	10	30.00
13	Clinical Chemistry ^{f g}	Dr. Ogden	Medical School	30	June 29	Aug. 1	Daily	1	30.00
14	Medical Chemistry ^b	Mr. Bacon	Medical School						
15	Clinical Medicine	Dr. Gannett	Mass. Gen. Hosp.	20	July 1	Aug. 14	Mo. We. Fr.	9	20.00
16	Clinical Medicine	Dr. Gannett	Mass. Gen. Hosp.	20	Aug. 17	Sept. 28	Mo. We. Fr.	9	20.00
17	Clinical Medicine ^{a h}	Dr. Vickery	Mass. Gen. Hosp.	12	June 3	June 29	Mo. We. Fr.	10	15.00
18	Clinical Medicine	Dr. Jackson	City Hospital	14	July 1	July 31	Mo. We. Fr.		15.00
19	Clinical Medicine	Dr. Jackson	City Hospital	13	Aug. 3	Aug. 31	Mo. We. Fr.		15.00

		Dr. Prescott	Boston Dispensary	27	July 1	July 31	Daily	9	15.00
20	Clinical Medicine	Dr. Prescott	Boston Dispensary	27	Aug. 1	Aug. 31	Daily	9	15.00
21	Clinical Medicine	Dr. Prescott	Boston Dispensary	27	Aug. 1	Aug. 31	Daily	9	15.00
22	General Therapeutics	Dr. Pfaff	Medical School	18	July 6	Aug. 14	Mo. We. Fr.	3	20.00
23	Practical Therapeutics ^a	Dr. Tenney	Boston Dispensary	20	July 8	Aug. 21	Mo. We. Fr.	10	2 0.00
24	Practical Pharmacy ^s	Dr. C. Harrington and Mr. Jordan	Medical School	12	July 1	July 27	Mo. We. Fr.	4	20.00
25	Practical Pharmacy ^s		Medical School	12	July 23	Aug. 24	Mo. We. Fr.	4	20.00
26	Orthopedic Surgery	Dr. Bradford	Children's Hosp.	18	July 1	Aug. 31	Mo. We.	4	20.00
27	Genito-Urinary Surgery	Dr. Watson	City Hospital	13	June 2	June 30	Tu. Th. Sat.	11	20.00
28	Genito-Urinary Surgery ^a	Dr. Thorndike	City Hospital	13	Aug. 3	Aug. 28	Mo. We. Fr.	10	20.00
29	Genito-Urinary Surgery ^a	Dr. Thorndike	City Hospital	13	Sept. 2	Sept. 30	Mo. We. Fr.	10	20.00
30	Clinical and Operative Surgery	Dr. Mixter	Mass. Gen. Hosp.	25	June 1	July 27	Mo. We. Fr.	11	25.00
31	Clinical and Operative Surgery	Dr. Mixter	Mass. Gen. Hosp.	25	Aug. 3	Sept. 28	Mo. We. Fr.	11	25.00
32	Clinical and Operative Surgery ^a	Dr. Monks	City Hospital	13	Aug. 3	Aug. 31	Mo. We. Fr.	10	20.00
33	Clinical and Operative Surgery ^a	Dr. Monks	City Hospital	13	Sept. 2	Sept. 30	Mo. We. Fr.	10	20.00
34	Clinical and Operative Surgery ^a	Dr. Conant	Carney Hospital	20	July 3	Aug. 17	Mo. We. Fr.	10	25.00
35	Clinical and Operative Surgery ^a	Dr. Conant	Carney Hospital	19	Aug. 19	Sept. 30	Mo. We. Fr.	10	25.00
36	Clinical and Operative Surgery	Dr. F. B. Harrington	Mass. Gen. Hosp.	17	July 3	Aug. 28	Tu. Fr.	11	20.00

^a Class-membership limited.

^c A small charge will be made for laboratory materials.

^e A satisfactory examination passed at the end of this course will be accepted in place of the entrance examination in Chemistry.

^f A deposit of five dollars will be required to meet charges for supplies and broken apparatus.

^s Each exercise is of two hours' duration.

¹ A course will be of six weeks' duration and will include instruction in Pathological Histology and Technique, as well as practice in autopsies.

^b Details relating to time to be arranged later.

^d Of the Nervous System only.

^h Men and Children only.

No.	Subject.	Instructor.	Place.	No. of Exercises.	Begins.	Ends.	Days.	Hour.	Fee.
37	Clinical and Abdominal Surgery	Dr. Elliot	Mass. Gen. Hosp.	27	June 1	June 27	Daily	11	25.00
38	Clinical and Abdominal Surgery ^a	Dr. Conant	St. Elizabeth Hosp.	13	July 2	Aug. 13	Tu. Th.	10	25.00
39	Clinical and Abdominal Surgery ^a	Dr. Conant	St. Elizabeth Hosp.	13	Aug. 18	Sept. 29	Tu. Th.	10	25.00
40	Surgery of Children ^a	Dr. Lovett	Children's Hosp.	10	June 30	July 31	Tu. Sat.	3-30	15.00
41	Intubation of the Larynx ^{a b i}	Dr. Scudder	Medical School	3	July	Aug.			10.00
42	Minor Surgery	Dr. J. B. Blake	City Hospital	27	June 1	July 31	Mo. We. Fr.	10	20.00
43	Minor Surgery	Dr. Brooks	Mass. Gen. Hosp.	13	July 1	July 31	Mo. We. Fr.	10	20.00
44	Minor Surgery	Dr. Brooks	Mass. Gen. Hosp.	13	Aug. 3	Aug. 31	Mo. We. Fr.	10	20.00
45	Minor Surgery	Dr. Lund	City Hospital	13	June 1	June 29	Mo. We. Fr.	10	20.00
46	Minor Surgery	Dr. Lund	City Hospital	14	July 1	July 31	Mo. We. Fr.	10	20.00
47	Minor Surgery	Dr. C. A. Porter	Mass. Gen. Hosp.	13	July 2	July 30	Tu. Th. Sat.	10	20.00
48	Minor Surgery	Dr. C. A. Porter	Mass. Gen. Hosp.	13	Aug. 3	Aug. 31	Mo. We. Fr.	10	20.00
49	Minor Surgery	Dr. C. A. Porter	Mass. Gen. Hosp.	15	Sept. 1	Sept. 29	Tu. Th. Sat.	10	20.00
50	Clinical Obstetrics	Dr. Green	Lying-in Hosp.	45	June 1	Sept. 30			30.00
51	Clinical Obstetrics ^a	Dr. Reynolds	Lying-in Hosp.	13	July 1	July 27	Mo. We. Fr.	11	15.00
52	Clinical Obstetrics ^a	Dr. Townsend	Lying-in Hosp.	8	Sept. 4	Sept. 28	Mo. Fr.	11	15.00
53	Clinical Obstetrics ^a	Dr. Haven	Lying-in-Hosp.	9	Aug. 3	Aug. 31	Mo. Fr.	11	15.00
54	Operative Obstetrics	Dr. Reynolds	Medical School	8	July 9	July 22	Tu. We. Th. Fr.	4	20.00
55	Diseases of Children ^j	Dr. Buckingham	Children's Hosp.	18	June 1	July 30	Mo. Th. Sat.	10	20.00
56	Diseases of Children ^k	Dr. Wentworth	Children's Hosp.	18	Aug. 1	Sept. 28	Mo. Th. Sat.	10	20.00

57	Diseases of the Ear	Dr. C. J. Blake	12	Sept. 3	Sept. 28	Tu. Th. Sat.	9	12.00
58	Diseases of the Eye ^a	Dr. Cheney	22	June 12	July 31	Mo. We. Fr.	9	20.00
59	Diseases of the Larynx	Dr. Farlow	12	June 3	June 29	Mo. We. Fr.	10	20.00
60	Diseases of the Mind ^b	Dr. Fisher	12	July	July			15.00
61	Diseases of the Nervous System	Dr. Walton	13	Sept. 1	Sept. 29	Tu. Th. Sat.	10	20.00
62	Diseases of the Skin	Dr. Bowen	20	July 2	Aug. 15	Tu. Th. Fr.	10	20.00
63	Diseases of the Skin	Dr. Bowen	19	Aug. 18	Sept. 29	Tu. Th. Fr.	10	20.00
64	Hygiene	Dr. C. Harrington	36	July 1	Aug. 11	Daily	3	30.00
65	Municipal Sanitation	Dr. Durgin	14	July 1	July 31	Mo. We. Fr.	3	20.00

^a Class-membership limited.

ⁱ Practice on cadaver.

^j A course will be of six weeks' duration and the class may be joined at any time before June 22.

^k A course will be of six weeks' duration and the class may be joined at any time before August 24.

^b Details relating to time to be arranged later.

STUDENTS IN SUMMER COURSES, 1896.



Adams, Carl Schadiker,	<i>Newtonville.</i>
Almy, Robert Lawton, Jr.,	<i>Salem.</i>
Amberg, Emil, M.D. (<i>Heidelberg Univ.</i>) 1894,	<i>Boston.</i>
Bailey, Walter Channing, A.B. 1894,	<i>E. Somerville.</i>
Barbour, George Douglass,	<i>Boston.</i>
Barton, William Henry,	<i>Waltham.</i>
Batchelder, William Burdett, M.D. 1894,	<i>Roxbury.</i>
Bebee, Arthur Appleton, A.B. 1894,	<i>Boston.</i>
Bettencourt, José de Sousa, M.D. (<i>Cooper Med.</i> <i>Coll.</i>) 1877,	<i>Boston.</i>
Bicknell, Ralph Emerson,	<i>No. Weymouth.</i>
Birge, Russell Hall, A.B. (<i>Brown Univ.</i>) 1894,	<i>Providence, R. I.</i>
Blake, Clarence John, M.D. 1865,	<i>Boston.</i>
Breed, Nathaniel Perkins,	<i>Salem.</i>
Brown, Alphonso Bickford, A.B. (<i>Yale Univ.</i>) 1894,	<i>Dover, N. H.</i>
Burruss, George Sanford, M.D. (<i>Central Tenn.</i> <i>Coll.</i>) 1891, PH.G. (<i>State Board of Pharm.,</i> <i>Ga.</i>) 1892,	<i>Augusta, Ga.</i>
Cabot, Hugh, A.B. 1894,	<i>Boston.</i>
Cann, John William,	<i>Somerset Bridge,</i>
Carpenter, Isaac,	<i>Somerville. [Bermuda.]</i>
Chicoine, Isidore Hermanigilde, M.D. 1894,	<i>Lynn.</i>
Churchill, John Darling, 2d,	<i>Boston.</i>
Churchill, Donald, A.B. 1893,	<i>Andover.</i>
Cloudman, Harry Radcliffe,	<i>Natick.</i>
Coburn, Horace Fordyce,	<i>Lowell.</i>
Collin, Carl Oscar Louis,	<i>Boston.</i>
Cornish, Louis Craig,	<i>Boston.</i>
Costello, John Henry, Jr.,	<i>Boston.</i>
Crandon, LeRoi Goddard, A.B. 1894,	<i>Malden.</i>
Cronin, Michael John,	<i>Haverhill.</i>
Daily, Timothy Joseph,	<i>Lawrence.</i>
Davidson, Kallman M., M.D. (<i>Univ. of Koenigsberg, Ger.</i>) 1887,	<i>Boston.</i>

- Davis, Charles Leland, PH.G. (*Mass. Coll. of Pharm.*), *Newburyport.*
- Davis, Lincoln, A.B. 1894, *Boston.*
- Dodge, George Eugene, Jr., B.S. (*Univ. of Tenn.*) 1893, M.D. (*Univ. of Va.*) 1896, *Charlottesville, Va.*
- Emerson, Oscar Rodney, M.D. (*Bowdoin*) 1894, *Plymouth, Me.*
- Enebuske, Cläes Julius, M.D. 1896, *Boston.*
- Erb, Theodore Charles, M.D. 1895, *Boston.*
- Fair, Robert, *Natick.*
- Fairchild, John Cummings, *Boston.*
- Fischer, Oscar Edward, *Salem, Mo.*
- Fitzsimmons, Philip Mansfield, M.D. (*Univ. of Vt.*) 1892, *E. Cambridge.*
- Foss, John William, M.D. (*Am. Health Univ.*) 1894, *Boston.*
- Gay, Warren Fisher, A.B. 1890, M.D. 1893, *Boston.*
- Gaylord, William Avery, *Pawtucket, R. I.*
- Germain, Harry Homer, *Los Angeles, Cal.*
- Gerry, Edwin Peabody, A.B. (*Dartmouth*) 1869, M.D. (*Harvard*) 1874, *Jamaica Plain.*
- Goray, James Philip, M.D. 1891, *Fitchburg.*
- Graves, Richard Stayner, A.B. (*Trinity Coll.*) 1894, *New Haven, Conn.*
- Griffin, Walter Alden, *Cambridge.*
- Grimes, James Henry, *Boston.*
- Hancock, John Clifford, *Dubuque, Ia.*
- Hart, Joseph Storer, *Lincoln.*
- Hartwell, Harry Fairbanks, A.B. 1895, *Boston.*
- Holmes, Harry Clinton, M.D. (*Tufts*) 1896, *Cambridge.*
- Hoyt, William Welles, *Cambridge.*
- Hughes, George Frederick, *Somerville.*
- Jacques, William Kilburn, A.M. (*Cornell Coll., Ireland*) 1883, M.D. (*Chicago Med. School*) 1887, *Boston.*
- Jelly, Arthur Carlton, A.B. 1881, A.M. 1891, M.D. 1891, *Boston.*
- Johnson, Walter Sydney, A.B. 1894, *Minneapolis, Minn.*
- Jones, Arthur Willis, M.D. (*Jefferson*) 1896, *Bellevue, O.*
- Ladd, Maynard, A.B. 1894, *Fishkill, N. Y.*
- Lees, Rush Oliver, *Plymouth, Pa.*
- Lippincott, Walter Maynard, *Chicago, Ill.*
- Lothrop, Harriet Eleanor, M.D. (*Univ. of Zurich*) 1890, *Boston.*

- Mackie, William Charles, A.B., 1894, *Boston.*
 Magrath, George Burgess, A.B. 1894, *Milton.*
 Mansur, Leon Wallace, *Boston.*
 Maulhardt, Adolph Antone, *Ventura, Cal.*
 McDonough, Edward Joseph, A.B. (*Holy Cross Coll.*) 1889, M.D. (*Bowdoin*) 1892, *Portland, Me.*
 McIntire, Herbert Bruce, M.D. (*Univ. of New York City*) 1882, *Cambridge.*
 Mellus, Edward, *Worcester.*
 Miles, George Albert, M.D. (*L. I. Coll. Hosp.*) 1891, *W. Somerville.*
 Minot, James Jackson, A.B. 1874, M.D. 1878, *Boston.*
 Mooers, Emma Wilson, M.D. (*Univ. of Mich.*) 1884, *Arlington.*
 O'Neill, Joseph Allan, *Schenectady, N. Y.*
 Parker, Edward Graham, *Auburndale.*
 Parker, Maurice Wesley, *Chicago, Ill.*
 Paull, Chester Alpheus, *Hollis, N. H.*
 Richards, Byron Ulysses, M.D. (*Dartmouth Med. Coll.*) 1892, *Cambridge.*
 Richardson, Mark Wyman, A.B. 1889, M.D. 1894, *Boston.*
 Sawyer, Edward Keyes, *Somerville.*
 Sayward, William Henry, Jr., S.B. (*Mass. Inst. Tech.*) 1894, *Dorchester.*
 Shaw, Arthur John, M.D. 1894, *Boston.*
 Skeen, Lyman, M.D. (*Univ. of Va.*) 1895, *Charlottesville, Va.*
 Small, Richard Dresser, A.B. 1894, *Portland, Me.*
 Smart, Frank Everard, *Lawrence.*
 Smith, Frank Simpson, M.D. 1895, *Dorchester.*
 Soutter, Robert, A.B. 1894, *New York, N. Y.*
 Storer, John, M.D. (*Hahneman Med. Coll., Chicago*) 1889, *Jamaica Plain.*
 Townsend, David, *So. Natick.*
 Turner, Charles Humphrey, A.B. (*Williams Coll.*) 1881, *Blackinton.*
 Vogel, James Oswald, *W. Quincy.*
 Ward, William Greenleaf, *Cambridgeport.*
 Weil, Arthur Irving, *Huntsville, Ala.*
 Weis, Joseph Deutsch, *New Orleans, La.*
 Welch, Harry Little, A.B. (*Yale Univ.*) 1894, *New Haven, Conn.*
 Wellington, Mary Etoile, *Boston.*
 Wennerberg, Francis Joseph, *Boston.*

- West, George Leon, M.D. 1894, *Newton Centre.*
- White, Leon Edward, A.B. (*Dartmouth*) 1890,
M.D. (*Ibid.*) 1893, *Roxbury.*
- Whittier, Frank Nathaniel, A.B. (*Bowdoin
Coll.*) 1885, A.M. (*Ibid.*) 1888, M.D. (*Ibid.*)
1889, *Brunswick, Me.*
- Williams, Hugh, A.B. 1894, *Brookline.*
- Winslow, Fred Bradlee, A.B. 1895, A.M. 1896, *Boston.*
- Woodbury, Herbert Elwell, B.S. (*Boston Univ.*)
1889, *Gloucester.*

BOYLSTON MEDICAL PRIZES.

These prizes, open to public competition, are offered annually for the best dissertations on questions in medical science proposed by the Boylston Medical Committee.

At the annual meeting in Boston in 1896 a prize was awarded to J. D. Goodale, M.D., of Boston, for an essay on *The Respiratory Functions of the Nose*.

For 1897 two prizes are offered:—

1. A prize of one hundred and fifty dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology, or Pathology*. The subject to be chosen by the writer.

2. A prize of one hundred and fifty dollars for the best dissertation on *The Results of Original Investigations in the Psychology of Mental Disease*.

Dissertations on these subjects must be sent post-paid to W. F. WHITNEY, M.D., Harvard Medical School, Boston, Mass., on or before *January 1, 1897*.

For 1898 two prizes are offered:—

1. A prize of one hundred and fifty dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology or Pathology*. The subject to be chosen by the writer.

2. A prize of one hundred and fifty dollars for the best dissertation on *The Internal Secretions of Glands*.

Dissertations on these subjects must be sent to the same address as above on or before *January 1, 1898*.

In awarding these prizes preference will be given to dissertations which exhibit original work, but if no dissertation is considered worthy of a prize, the award may be withheld.

Each dissertation must bear in place of its author's name some sentence or device, and must be accompanied by a sealed packet bearing the same sentence or device and containing within the author's name and residence. *Any clew by which the authorship of a dissertation is made known to the committee will debar such dissertation from competition.*

Dissertations must be written in a distinct and plain hand, and their pages must be bound in book form.

All unsuccessful dissertations are deposited with the Secretary, from whom they may be obtained, with the sealed packet unopened, if called for within one year after they have been received.

By an order adopted in 1826, the Secretary was directed to publish annually the following votes:—

1. That the Board do not consider themselves as approving the doctrines contained in any of the dissertations to which premiums may be adjudged.

2. That in case of publication of a successful dissertation, the author be considered as bound to print the above vote in connection therewith.

The Boylston Medical Committee is appointed by the President and Fellows, and consists of the following physicians: ROBERT T. EDES, M.D., *President*; WILLIAM F. WHITNEY, M.D., *Secretary*; H. P. BOWDITCH, M.D., FRANK W. DRAPER, M.D., J. COLLINS WARREN, M.D., SAMUEL G. WEBBER, M.D., F. H. WILLIAMS, M.D., EDWARD S. WOOD, M.D.

The address of the *Secretary* of the Boylston Medical Committee is WILLIAM F. WHITNEY, M.D., Harvard Medical School, Boston, Mass.

WILLIAM H. THORNDIKE PRIZE. A prize of \$200 will be given annually to the author of the best essay on some subject in any branch of Surgery.

The students of Harvard Medical School and graduates of under five years' standing of any recognized medical school are eligible in competition for this prize.

Each essay must bear in place of its author's name some sentence or device, and must be accompanied by a sealed packet bearing the same sentence or device, and containing within the author's name and residence. If the author is a graduate, it must also contain the date of his graduation in medicine and the medical school from which he was graduated. Any clew by which the authorship of an essay is made known to the judges will debar such essay from the competition.

The essays must be sent to the Dean of the Harvard Medical School, 688 Boylston Street, Boston, Mass., U. S. America, on or before November 1 of each year, and the award will be made annually on December 24. If no essay is considered worthy of a prize, no award will be made.

DEGREES.

On Commencement Day, June 30, 1896, degrees were conferred as follows:—

M.D. (*cum laude.*)

Hyrum Andrew Anderson.	Harris Peyton Mosher, A.B.
Michael Francis Burke, A.B.	Franklin Spilman Newell, A.B.
Dudley Newcomb Carpenter.	George Thornton Page, A.B.
Henry Arnold Cooke, A.B.	Arthur Reed Perry, A.B.
Arthur Richmond Crandell, A.B.	Henry Joseph Perry, A.B.
John White Cummin, A.B.	Frank Lester Pleadwell.
George Farwell Dow, A.B.	Sidney Isaac Schwab.
George Franklin Freeman, A.B.	Gardiner Hubbard Scudder, A.B.
Horace Bird Frost, A.B.	Harry Edward Sears, A.B.
Robert Battey Greenough, A.B.	Lawrence Watson Strong, A.B.
Joseph Briggs Howland.	William Thorndike, A.B.
Joshua Clapp Hubbard, A.B.	John Paine Torrey.
Daniel Fiske Jones, A.B.	Frederic Augustus Washburn, Jr.,
Maurice Joseph Landers.	A.B.
Robert Gardner Loring, A.B.	Frederick William Watkeys.
James Arthur Mahon.	Henry Allen Webber.
Arthur Teall Mann, S.B.	Arthur Morton Worthington, S.B.
Sylvester Forshay McKeen.	Ernest Boyen Young, A.B.

M.D.

Edward Austin Andrews.	Richard Gardiner Eaton, A.B.
Harold Virgil Andrews.	Samuel Walker Ellsworth, A.B.
Harry Aldrich Barnes.	James Tucker Fisher, M.D.V.
Charles James Carden.	Carleton Phillips Flint,
William Patrick Cross.	William Howard Gallagher.
Elmund Farnham Curry.	Timothy Francis Goulding.
Joseph James Curry.	William Herbert Grant.
Thomas Francis Cusick.	Michael Joseph Hart.
Vivian Daniel.	Joseph Francis Hawkins.
Ralph Denniston Dean.	John Aloysius Hickey, A.B.
Harry Albert Donnelly.	Donald Rose Hinckly, A.B.
James Henry Drohan.	Hubert Thomas Holland.

William Everett Kernan.	John Henry O'Connor, A.B.
Charles Storer Knight.	John Joseph O'Sullivan.
George Omer Lavallee.	Roscoe Damon Perley.
James Francis Loughran.	Isaiah Lovell Pickard, A.B.
Frederick Dow Lyon, A.B.	Edward Warwick Pinkham, A.B.
Leonard Joseph Maskell, A.B.	Charles Christian Rothfuchs.
Timothy Francis McCarthy, A.B.	John Wesley Sanborn.
William Vincent McDermott.	Thomas Joseph Shanahan.
Cornelius Joseph McGillicuddy, A.B.	William Taft Slayton, M.D.
James Eugene McGourty.	Walter Green Sullivan.
John Alexander McIsaac, A.B.	Robert Henry Vose, A.B.
George Wilbert McKeen, S.B.	Frank Taylor Woodbury.
Fitz Albert Oakes.	

M.D. (*Three years' course*).

Alva LeRoy Chapin.	William Edward Morgan.
William Francis Donahue, A.B.	James Liguori Moriarty.
Claës Julius Enebuske, A.M., PH.D.	Nathaniel Bowditch Potter, A.B.
Towneley Thorndike French.	Walter Herbert Price.
Edwin Edgerton Furber.	Walter Sherwood.
Cornelius Patrick Harkins, Jr.	Walter May Spear.
William Alvan Hitchcock, Jr.	Bertell Laroy Talbot.
Graham Dove Johnson.	

The following Tabular View illustrates the distribution of studies throughout the year.

1896-97, FROM OCTOBER TO FEBRUARY 4.

First Class. — First Term.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Anatomy, L. Prof. Dwight. Lect.-room C.	Anatomy, L. Prof. Dwight. Lect.-room C.	Anatomy, L. Prof. Dwight. Lect.-room C.	Anatomy, L. Prof. Dwight. Lect.-room C. till January.	†Anatomy, L. Asst. Prof. Dexter. Lect.-room C.	†Anatomy, L. Asst. Prof. Dexter. Lect.-rm. C.
10	Hygiene, L. Dr. Harrington.	Histology. L. Prof. Minot.	Histology. Laboratory. § 2.	Histology. L. Prof. Minot.	Histology. Laboratory. § 2.	Physiology. Dem. Asst. Prof. Porter.
11	Physiology. L. Prof. Bowditch. Lect.-room A.			Physiology. L. Prof. Bowditch. Lect.-room A.		Physiol. R. Prof. Bowditch. Lect.-rm. A.
12	Anatomy, R. Dr. Tenney. Lect.-room C.	Bacteriology, L. Prof. Ernst. Beginning Jan. 1.	Physiological Chemistry, L. Prof. Hills. Lect.-room A.			*Laborat'y.
2	*Laboratory.	Histology. Laboratory. § 1.	*Laboratory.	Histology. Laboratory. § 1.	*Laboratory.	
3						
4						
5	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.	

* Anatomy, Bacteriology, Chemistry, and
Physiology.

† Oct. Nov. Dec. in sections.

‡ Till April.

L. Lecture.

R. Recitation.

C. Conference.

Dem. Demonstration.

Cl. Clinic.

B.C.H. = Boston City Hospital; Disp. = Boston Dispensary; M.G.H. = Massachusetts
General Hospital; Free Hosp. = Free Hospital for Women.

These abbreviations refer to the following as well as to the above tables.

The Museum will be open daily, 9-11, except Saturdays.

The following Tabular View illustrates the distribution of studies throughout the year.

1896-97, FROM FEBRUARY 4 TO JUNE.

First Class. — Second Term.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9		Physiology, Conf. Prof. Bowditch. Lect.-room A.			†Anatomy, L. Asst. Prof. Dexter. Lect.-room C.	†Anatomy, L. Asst. Prof. Dexter. Lect. R'm C.
10	Bacteriology L. Prof. Ernest.	Histology. Laboratory.	Embryology, L. Prof. Minot.	Histology. Laboratory.		Physiology, Dem. Asst. Prof. Porter.
11	Physiology, L. Prof. Bowditch. Lect.-room A.				Physiology, L. Prof. Bowditch. Lect.-room A.	Physiol. R. Prof. Bowditch. Lect. R'm A.
12	Anatomy, R. Dr. Tenney. Lect.-room C.	Physiology, L. Prof. Bowditch. Lect.-room A.	Physiological Chemistry, L. Prof. Hills. Lect.-room A.	Physiology, L. Prof. Bowditch. Lect.-room A.	Physiological Chemistry, L. Prof. Hills. Lect.-room A.	*Laborat'y.
2	*Laboratory.	*Laboratory.	*Laboratory.	*Laboratory.	†Laboratory.	
3						
4						
5	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.	†Anatomy Dem.

* Anatomy, Bacteriology, Chemistry, and Physiology.

Till January.

† April and May in sections.

‡ Till April.

L. Lecture.

R. Recitation.

C. Conference.

Dem. Demonstration.

Cl. Clinic.

B.C.H. = Boston City Hospital; Disp. = Boston Dispensary; M.G.H. = Massachusetts General Hospital; Free Hosp. = Free Hospital for Women.

These abbreviations refer to the following as well as to the above tables.

The Museum will be open daily, 9-11, except Saturdays.

Second Class.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
8	†Surg. Apparatus and Bandaging. Dr. Scudder, No. Grove St.	†Surg. Apparatus and Bandaging. Dr. Scudder, No. Grove St.	†Surg. Apparatus and Bandaging. Dr. Scudder, No. Grove St.	†Surg. Apparatus and Bandaging. Dr. Scudder, No. Grove St.	†Surg. Apparatus and Bandaging. Dr. Scudder, No. Grove St.	†Surg. Apparatus and Bandaging. Dr. Scudder, N. Grove St.
9	Clin. Med. Dr. Vickery, M. G. H.	†Theory and Practice. R. Dr. Cutler, M. G. H. 2d term at 10. †Med. Visit. Drs. Gannett & Vickery, M. G. H.	†Med. Visit. Prof. Mason & Dr. Withington, B. C. H.	†Med. Visit. Prof. Mason & Dr. Withington, B. C. H.	†Med. Visit. Drs. Gannett & Vickery, M. G. H.	Clin. Med. Dr. Withington, B. C. H.
10	*Auscultation Drs. Gannett, V. Y. Bowditch, Knight and Sears, M. G. H., Bost. Disp., & B. C. H. §Surg. Dem. Dr. Mixter, No. Grove St.	*Auscultation §Surg. Dem. Dr. Mixter, No. Grove St.	*Auscultation Surg. R. B. C. H. and Lect. Room C. Asst. Prof. Burrell and Dr. Munro. §Surg. Dem. Dr. Mixter, No. Grove St.	*Auscultation §Surg. Dem. Dr. Mixter, No. Grove St.	*Auscultation §Surg. Dem. Dr. Mixter, No. Grove St.	Surg. R. B. C. H. and Lect. Room C. Asst. Prof. Burrell and Dr. Munro.
11	*Auscultation ¶ Autopsies, B. C. H. and M. G. H.	*Auscultation ¶ Autopsies, B. C. H. and M. G. H.	*Auscultation ¶ Autopsies, B. C. H. and M. G. H.	Anatomy L. Asst. Prof. Dexter till Jan., Prof. Dwight in 2d term. Lect. Room C.	*Auscultation B. C. H. Operations. ¶ Autopsies, B. C. H. and M. G. H.	*Auscult. M. G. H. Operations. ¶ Autopsies, B. C. H. and M. G. H.
12		Anatomy, L. Asst. Prof. Dexter till Jan., Prof. Dwight in 2d term, Lect. Room C.			†Anat. L. Prof. Dwight, Lect. Room C.	
2	Clin. Chem. L. Prof. Wood, Lect. Room A.		Clin. Chem. †L. or R. Prof. Wood, Lect. Room A. †L. or Conference.		Therapeut's. Dr. Harrington. Lect. Room E.	
3	Pathology, L. Prof. Councilman, Lect. Room C.	{ Path. Histol. Asst. Prof. Mallory, Laborat. }	Pathology, L. Prof. Councilman, Lect. Room C.	{ Path. Histol. Asst. Prof. Mallory, Laborat. }	Pathology. R. Prof. Councilman, Laboratory.	
4	†Pathology of Nervous System. L. & Dem. Dr. Taylor. Lect. Room A.		Therapeut's. Dr. Harrington. Lect. Room E.		Theo. & Pr. R. Dr. Cutler, Lect. Room E.	
5						

* Till February in sections.

† In first half-year.

‡ In second half-year.

§ In second half year in sections.

¶ In sections of a third of the class.

Laboratory exercises in Clin. Chem. daily except Saturdays.
The Museum will be open daily, 9-11, except Saturdays.

Third Class.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	†Gynaecology, L. or R. No. Grove St.	Clin. Med. B. C. H.	Clin. Med. M. G. H.	†Gynaecology, L. or R. No. Grove St. Neurology, M. G. H. (2d half-year).	Clin. Med. B. C. H.	Clin. Med. M. G. H.
10	Neurology, M. G. H. *Cl. Gynaecol. Disp. till Apr. *Clin. Surg. M. G. H. & B. C. H.	Clin. Surg. B. C. H. *Cl. Gynaecol. B. C. H. *Clin. Surg. M. G. H. & B. C. H.	Cl. Dermatol. M. G. H. *Cl. Gynaecol. Disp. till Apr. *Clin. Surg. M. G. H. & B. C. H.	Surgery. M. G. H. *Cl. Gynaecol. B. C. H. *Clin. Surg. M. G. H. & B. C. H.	Clin. Surg. B. C. H. *Cl. Gynaecol. Disp. till Apr. *Clin. Surg. M. G. H. & B. C. H.	Theory and Practice, M. G. H. *Pediatr's, Disp and Child. Hosp. *Cl. Gynaecology. B. C. H. *Clin. Surg. M. G. H. & B. C. H.
11			Pediatrics. No. Grove St. *Cl. Obstet. Jan. — May.	Theo. & Pract. M. G. H.	Operations, B. C. H.	Operations, M. G. H. *Cl. Obstet. Jan. — May.
11½	Pediatrics, Med. Sch. or Child. Hosp.	Pediatrics, Med. Sch. or Child. Hosp.				
12			Clin. Surg. M. G. H.	Clin. Surg. Conf. M. G. H.		
2						
3	Obstetrics, L.	Theo. & Pract. L.	Obstetrics. Conf.	Obstetrics, L.	Theo. & Pract. L.	
4	Surgery, L.	Dermatology, L.	Surgery, L.	Mental Dis. L. Feb. — May.	Obstetrics, R.	

* In sections.

† First half-year.

The Museum will be open daily, 9-11, except Saturdays.

FOURTH CLASS. — OCTOBER.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Shatruck — Clinic. Clinical Medicine (c) M. G. H.	J. O. Green — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)	Surgical Clinic (c) B. C. H.	Mason — Clinic. Clinical Medicine (c) B. C. H.	Prince — Clinic. <i>Neurology</i> B. C. H.	Draper — Autopsy. Legal Medicine (c) B. C. H.
			Prince — Clinic. <i>Neurology</i> B. C. H.	J. O. Green — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)	C. M. Green — Clinic. <i>Women's dis.</i> (s) B. C. H.	J. O. Green — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)
10	Wadsworth — Clinic. Eye diseases (s) Eye & Ear Inf.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Standish — Clinic. Eye diseases (s) Eye & Ear Inf.	Wadsworth — Clinic. Eye diseases (s) Eye & Ear Inf.	Cheney — Clinic. Eye diseases (s) Eye & Ear Inf.	Standish — Clinic. Eye diseases (s) Eye & Ear Inf.
	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)
	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	Monks — Clin. Lect. Clinical Surgery (c) B. C. H.	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	
	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H.
	Post — Clinic. Syphilis (s) B. D.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.	Post — Clinic. Syphilis (s) B. D.		Bowen — Clinic. <i>Skin diseases</i> M. G. H.	
11	Putnam — Clinic. <i>Neurology</i> M. G. H.	C. B. Porter — Clinic. Diagnosis in Clinical Surgery (s) M. G. H.		Surgical Clinic (c) B. C. H.	Post — Clinic. Syphilis (s) B. D.	Surgical oper. (c) M. G. H.

12	C. B. Porter — Lect. Clinical Surgery (c) M. G. H.	Harrington — Lab. <i>Hygiene</i> (s) M. S.	Post — Lecture. Syphilis (c) B. D.	Watson — Clin. Lect. Genito-urin. dis. (c) B. C. H.	
2	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours.)	Whitney — Lab. Clin. Microscopy M. S.	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	Whitney — Lab. Clin. Microscopy M. S.	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)
3	Ernst — Lecture. <i>Bacteriology</i> M. S. (2 hours)	Draper — Lecture. Legal Medicine (c) M. S.	Ernst — Laboratory. <i>Bacteriology</i> (s) M. S. (2 hours)	Draper — Lecture. Legal Medicine (c) M. S.	Ernst — Lab. <i>Bacteriology</i> M. S. (2 hours)
4	Blake or J. O. Green — Lect. Otology (c) M. S.	J. O. Green — Lect. Otology (c) Oct. 6. M. S.	Wadsworth — Lect. Ophthalmology (c) M. S.	Blake or J. O. Green — Lecture. Otology (c) M. S.	J. O. Green — Lect. Otology (c) Oct. 9. M. S.
5	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.	Bradford — Lecture. Orthopedic Surg. (c) M. S. or Ch. H. After Oct. 6.	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.	Clinical Conference. M. S.	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.
7.30	M. H. Richardson. Regional Surgery Lect. Room C.	Monks — Lecture. <i>Surg. landmarks</i> (c) M. S.	M. H. Richardson. Regional Surgery Lect. Room C.	Monks — Lecture. <i>Surg. landmarks</i> M. S.	
	Accident-room Surgical Emergency Clinic (s) M. G. H.	Accident-room Surgical Emergency Clinic (s) M. G. H.	Accident-room Surgical Emergency Clinic (s) M. G. H.	Accident-room Surgical Emergency Clinic (s) M. G. H.	Accident-room Surgical Emergency Clinic (s) M. G. H.

Electives are in *italics*.

(s) Section of the class,

(c) Class.

Second Class.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
8	Surg. Apparatus and Bandaging. Dr. Munro, No. Grove St.	Surg. Apparatus and Bandaging. Dr. Munro, No. Grove St.	Surg. Apparatus and Bandaging. Dr. Munro, No. Grove St.	Surg. Apparatus and Bandaging. Dr. Munro, No. Grove St.	Surg. Apparatus and Bandaging. Dr. Munro, No. Grove St.	Surg. Apparatus and Bandaging. Dr. Munro, N. Grove St.
9	Clin. Med. Dr. Vickery, M. G. H.	†Theory and Practice. R. Dr. Cutler, M. G. H. 2d term at 10. †Med. Visit. Drs. Gannett & Vickery, M. G. H.	† Med. Visit. Prof. Mason & Dr. Withington, B. C. H.	†Med. Visit. Prof. Mason & Dr. Withington, B. C. H.	† Med. Visit. Drs. Gannett & Vickery, M. G. H.	Clin. Med. Dr. Withington, B. C. H.
10	*Auscultation Drs. Gannett, V. Y. Bowditch, Knight and Sears, M. G. H., Bost. Disp., & B. C. H.	*Auscultation Surg. Pathol. R. Dr. C. A. Porter, M. G. H. and Lect. Room C.	*Auscultation	*Auscultation	*Auscultation	Surg. Pathol. Clin. Dem. Asst. Prof. Burrell and Dr. Munro, B. C. H.
11	*Auscultation †Autopsies, B. C. H. and M. G. H.	*Auscultation †Autopsies, B. C. H. and M. G. H.	*Auscultation †Autopsies, B. C. H. and M. G. H.	Anatomy L. Asst. Prof. Dexter till Jan., Prof. Dwight in 2d term. Lect. Room C.	*Auscultation B. C. H. Operations. †Autopsies, B. C. H. and M. G. H.	*Auscult. M. G. H. Operations. †Autopsies, B. C. H. and M. G. H.
12	Pathology. R. Prof. Councilman, Laboratory.	Anatomy, L. Asst. Prof. Dexter till Jan., Prof. Dwight in 2d term, Lect. Room C.		Surg. Pathol. R. Dr. C. A. Porter. Lect. Room C.	†Anat. L. Prof. Dwight, Lect. Room C.	
2	{ †Path. Histol. Asst Prof Mallory, Laborat. }	Clin. Chem. L. Prof. Wood, Lect. Room A.	{ †Path. Histol. Asst Prof Mallory, Laborat. }	Clin. Chem. †L. or R. Prof. Wood, Lect. Room A. †L. or Conference.	Therapeut's. Dr. Harrington. Lect. Room E.	
3	{ †Surg. Pathol. Dr. Nichols, Laborat. }	Pathology, L. Prof. Councilman, Lect. Room C.	{ †Surg. Pathol. Dr. Nichols, Laborat. }	Pathology, L. Prof. Councilman, Lect. Room C.	Pathology. Dem. Prof. Councilman, Laboratory.	
4	†Pathology of Nervous System. L. & Dem. Dr. Taylor. Lect. Room A.	†Path. Histology. Asst. Prof. Mallory. Laboratory.	Therapeut's. Dr. Harrington. Lect. Room E.	†Path. Histology. Asst. Prof. Mallory. Laboratory.	Theo. & Pr. R. Dr. Cutler, Lect. Room E.	
5						

* Till February in sections.

† In first half-year.

‡ In second half-year.

§ In second half-year in sections.

¶ In sections of a third of the class.

Laboratory exercises in Clin. Chem. daily except Saturdays.

The Museum will be open daily, 9-5, except Saturdays, 9-1.

Third Class.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	†Gynaecology, L. or R. No. Grove St.	Clin. Med. B. C. H.	Clin. Med. M. G. H.	†Gynaecology, L. or R. No. Grove St. Neurology, M. G. H. (2d half-year).	Clin. Med. B. C. H.	Clin. Med. M. G. H.
10	Neurology, M. G. H. *Cl. Gynaecol. Disp. till Apr. *Clin. Surg. M. G. H. & B. C. H.	Clin. Surg. B. C. H. *Cl. Gynaecol. B. C. H. *Clin. Surg. M. G. H. & B. C. H.	Cl. Dermatol. M. G. H. *Cl. Gynaecol. Disp. till Apr. *Clin. Surg. M. G. H. & B. C. H.	Surgery. M. G. H. *Cl. Gynaecol. B. C. H. *Clin. Surg. M. G. H. & B. C. H.	Clin. Surg. B. C. H. *Cl. Gynaecol. Disp. till Apr. *Clin. Surg. M. G. H. & B. C. H.	Theory and Practice, M. G. H. *Pediatr's, Disp. and Child. Hosp. *Cl. Gynaecology. B. C. H. *Clin. Surg. M. G. H. & B. C. H.
11			Pediatrics. No. Grove St. *Cl. Obstet. Jan. — May.	Theo. & Pract. M. G. H. †Pediatrics, Contag. Dis. B. C. H.	Operations, B. C. H. †Pediatrics, Contag. Dis. B. C. H.	Operations, M. G. H. *Cl. Obstet. Jan. — May. †Pediatrics, Contag. Dis. B. C. H.
11½	Pediatrics, Med. Sch. or Child. Hosp.	Pediatrics, Med. Sch. or Child. Hosp.				
12			Clin. Surg. M. G. H.	Clin. Surg. Conf. M. G. H.		
2						
3	Obstetrics, L.	Theo. & Pract. L.	Obstetrics. Con.	Obstetrics, L.	Theo. & Pract. L.	
4	Surgery, L.	Dermatology, L.	Surgery, L.	Mental Dis. L. Feb. — May.	Obstetrics, R.	

* In sections.

† First half-year.

The Museum will be open daily, 9-5, except Saturdays, 9-1.

DECEMBER.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Shattuck — Clinic. Clinical Med. (c) M. G. H.	Blake — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.) C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Surgical Clinic (c) B. C. H.	Mason — Clinic. Clinical Medicine (c) B. C. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Draper — Autopsy. Legal Medicine (c) B. C. H.
	Wadsworth — Clinic. Eye diseases (s) E. & E. Inf. (2 hrs.)	Cheaney — Clinic. Eye diseases (s) Eye & Ear Inf.	Prince — Clinic <i>Neurology</i> B. C. H.	Blake — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)	Prince — Clinic <i>Neurology</i> B. C. H.	Blake — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)
	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Standish — Clinic. Eye diseases (s) Eye & Ear Inf.	Wadsworth — Clinic. Eye diseases (s) Eye & Ear Inf.	Cheaney — Clinic. Eye diseases (s) Eye & Ear Inf.	Standish — Clinic. Eye diseases (s) Eye & Ear Inf.
	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)	Farlow — Clinic. Throat diseases (s) B. D. (2 hours)
	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Laryngology (s) M. G. H. (2 hours).
	Surgical Clinic (c) M. G. H.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.		Burrell — Lecture. Clin. Surgery (c) B. C. H.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.	
	Post — Clinic. Syphilis (s) B. D.		Post — Clinic. Syphilis (s) B. D.	Surg. Clinic (c) B. C. H.	Post — Clinic. Syphilis (c) B. D.	Surgical oper. (c) M. G. H.
	Putnam — Clinic. <i>Neurology</i> M. G. H.		C. B. Porter. Diagnosis in Clin. Surgery (s) M. G. H.		Surgical oper. (c) B. C. H.	

10

11

12	C. B. Porter — Lect. Clinical Surgery (c) M. G. H.	Harrington — Lab. <i>Hygiene</i> M. S.	Post — Lecture. Syphilis (c) B. D.	Watson — Clin. Lect. Genito-urin. Surg. (c) B. C. H.	
2	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours) Whitney — Lab. Clin. Microscopy M. S. Ernst — Lecture. <i>Bacteriology</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours) Whitney — Lab. Clin. Microscopy M. S. Ernst — Lab. <i>Bacteriology</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours) Whitney — Lab. Clin. Microscopy M. S. Ernst — Lab. <i>Bacteriology</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours) Whitney — Lab. Clin. Microscopy M. S. Ernst — Lab. <i>Bacteriology</i> M. S. (2 hours)	
3	Blake or J. O. Green — Lecture. Otology (c) M. S. Bradford — Clinic. Orthopedic Surg. (s) Ch. H.	Draper — Lecture. Legal Medicine (c) M. S. Bradford — Lecture. Orthopedic Surg. (s) M. S. <i>Gynecol. Conference.</i> M. S.	Draper — Lecture. Legal Medicine (c) M. S. Blake or J. O. Green — Lect. Otology (c) M. S.	Clinical Conference. M. S. Bradford — Clinic. Orthopedic Surg. (s). Ch. H.	
4	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.	<i>Gynecol. Conference.</i> M. S.	Wadsworth — Lect. Ophthalmology (c) M. S.		
5	C. M. Green — Lect. and Demonstration. <i>Oper. Obstetrics</i> M. S.	C. B. Porter. <i>Dem. Oper. Surg.</i> M. S.	M. H. Richardson. Regional Surgery. Lect. Room C.	C. B. Porter. <i>Dem. Oper. Surg.</i> M. S.	
7.30	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.

JANUARY.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Shattuck — Clinic. Clinical Medicine (c) M. G. H.	Blake — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)	Surgical Clinic (c) B. C. H.	Mason — Clinic. Clinical Medicine (c) B. C. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Draper — Autopsy. Legal Medicine (c) B. C. H.
		C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Prince — Clinic. <i>Neurology</i> B. C. H.	Blake — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)	Prince — Clinic. <i>Neurology</i> B. C. H.	Blake — Clinic. Ear diseases (s) E. & E. Inf. (2 hrs.)
	Wadsworth — Clinic. Eye diseases (s) Eye & Ear Inf.	Cheney — Clinic. Eye diseases (s) Eye & Ear Inf.	Standish — Clinic. Eye diseases (s) Eye & Ear Inf.	Wadsworth — Clinic. Eye diseases (s) Eye & Ear Inf.	Cheney — Clinic. Eye diseases (s) Eye & Ear Inf.	Standish — Clinic. Eye diseases (s) Eye & Ear Inf.
	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)	DeBlois — Clinic. Throat diseases (s) B. C. H. (2 hours)
10	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Throat diseases (s) M. G. H. (2 hours)	Coolidge — Clinic. Laryngology (s) M. G. H.
		Bowen — Clinic. <i>Skin diseases</i> M. G. H.		Burrell — Lecture. Clinical Surgery (c) B. C. H.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.	
11	Surgical Clinic (c) M. G. H.					
	Post — Clinic. Syphilis (s) B. D.		Post — Clinic. Syphilis (s) B. D.	Surgical Clinic (c) B. C. H.	Post — Clinic. Syphilis (s) B. D.	Surgical oper. (c) M. G. H.
	Putnam — Clinic. <i>Neurology</i> M. G. H.	Porter — Diagnosis in Clinical Surg. (s) M. G. H.			Surgical oper. (c) B. C. H.	

12	C. B. Porter — Lect. Clinical Surgery (c) M. G. H.	Harrington — Lab. <i>Hygiene</i> M. S.	Post — Lecture. Syphilis (c) B. D.	Watson — Clin. Lect. Genito-urin. Surg. (c) B. C. H.	
2	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours).	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	
	* Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	
3		Draper — Lecture. Legal Medicine (c) M. S.		Draper — Lecture. Legal Medicine (c) M. S.	
	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.	Bradford — Lecture. Orthopedic Surg. (c) M. S.	Wadsworth — Lect. Ophthalmology (c) M. S.	Clinical Conference. M. S.	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.
4		<i>Gynecol. Conference.</i> M. S.	Bradford — Clinic. Orthopedic Surg. (s) Ch. H.		
	Demonstrations in <i>Oper. Obstetrics.</i> M. S. (2 hours).	M. H. Richardson. Regional Surgery. Lect. Room C.	Demonstrations in <i>Oper. Obstetrics</i> M. S. (2 hours).	Coolidge — Lecture. Laryngology (c) M. S.	
7.30	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.

* The exercises during the 2d half-year will cover the requirements for the examination.

† Provisional.

FEBRUARY.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Shattuck — Clinic. Clinical Medicine (c) M. G. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Surgical Clinic (c) B. C. H.	Mason — Clinic. Clinical Medicine (c) B. C. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	
	J. O. Green — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	J. O. Green — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	J. O. Green — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)		J. O. Green — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	
10	Wadsworth — Clinic. <i>Eye diseases</i> Eye & Ear Inf.	Wadsworth — Clinic. <i>Eye diseases</i> M. G. H.	Wadsworth — Clinic. <i>Eye diseases</i> Eye & Ear Inf.	Burrell — Lecture. Clinical Surgery (c) B. C. H.	Wadsworth — Clinic. <i>Eye diseases</i> B. C. H.	
	Surgical Clinic (c) M. G. H.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.			Bowen — Clinic. <i>Skin diseases</i> M. G. H.	
		Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.				
11	Gannett — Clinic. Pract. Diagnosis (c) M. G. H.		M. H. Richardson. Diagnosis in Clinical Surgery (s) M. G. H.		Walton — Clin. Lect. <i>Nervous diseases</i> M. G. H.	Walton — Clin. Lect. <i>Nervous diseases</i> M. G. H.
						Surgical oper. (c) M. G. H.
				Surgical Clinic (c) B. C. H.	Surgical oper. (c) B. C. H.	

12	M. H. Richardson. Lecture. Clinical Surgery (c) M. G. H.	McCollom. — Clinic. Infectious Dis. (s) B. C. H.	Watson — Clin. Lect. Genito-urin. Surg. (c) B. C. H.	McCollom — Clinic. Infectious Dis. (s) B. C. H.	
	Knapp — Clinic. <i>Nervous diseases</i> B. C. H.	Knapp — Clinic. <i>Nervous diseases</i> B. C. H.			
2	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	
	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)		Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	
3		Durgin — Lecture. Municip. Sanita. M. S.	Cowles — Clinic. Mental diseases McL. H.	Durgin — Lecture. Municip. Sanita. M. S.	Fisher — Clinic. Mental diseases B. L. H.
4	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.		Clinical Conference. M. S.	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.
		<i>Gynecol. Conference.</i> M. S.			
5	Dem. <i>Oper. Obstetrics</i> M. S. (2 hours)	Dem. <i>Oper. Obstetrics</i> M. S. (2 hours)			
7.30	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.

MARCH.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Shattuck — Clinic, Clinical Medicine (c) M. G. H.	C. M. Green — Clinic, <i>Women's diseases</i> B. C. H.	Surgical Clinic (c) B. C. H.	Mason — Clinic, Clinical Medicine (c) B. C. H.	C. M. Green — Clinic, <i>Women's diseases</i> B. C. H.	
	J. O. Green — Clinic, <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	J. O. Green — Clinic, <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	J. O. Green — Clinic, <i>Ear diseases</i> E. & E. Inf. (2 hrs.)		J. O. Green — Clinic, <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	
10	Wadsworth — Clinic, <i>Eye diseases</i> Eye & Ear Inf.	Wadsworth — Clinic, <i>Eye diseases</i> M. G. H.	Wadsworth — Clinic, <i>Eye diseases</i> Eye & Ear Inf.	Burrell — Lecture, Clinical Surgery (c) B. C. H.	Wadsworth — Clinic, <i>Eye diseases</i> B. C. H.	
		Bowen — Clinic, <i>Skin diseases</i> M. G. H.			Bowen — Clinic, <i>Skin diseases</i> M. G. H.	
	Surgical Clinic (c) M. G. H.	Bradford — Clinic, <i>Orthopedic Surg.</i> Ch. H.				
11	Gannett — Clinic, Pract. Diagnosis (c) M. G. H.		M. H. Richardson, Diagnosis in Clinical Surgery (s) M. G. H.	Surgical Clinic (c) B. C. H.	Walton — Clin. Lect., <i>Nervous diseases</i> M. G. H.	Surgical oper. (c) M. G. H.

12	<p>M. H. Richardson. Lecture. Clinical Surgery (c) M. G. H.</p> <p>Knapp — Clinic. <i>Nervous diseases</i> B. C. H.</p>	<p>McCollum — Clinic. Infectious Dis. (s) B. C. H.</p>	<p>Knapp — Clinic. <i>Nervous diseases</i> B. C. H.</p>	<p>Watson — Clin. Lect. Genito-urin., urg.(c) B. C. H.</p>	<p>McCollom — Clinic. Infectious Dis. (s) B. C. H.</p>	
2	<p>W. T. Porter — Lab. <i>Esper, Physiol.</i> M. S. (2 hours)</p> <p>Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)</p>		<p>W. T. Porter — Lab. <i>Esper, Physiol.</i> M. S. (2 hours)</p> <p>Whitney — Lab. <i>Clin. Microscopy.</i> M. S. (2 hours)</p>		<p>W. T. Porter — Lab. <i>Esper, Physiol.</i> M. S. (2 hours)</p> <p>Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)</p>	
3			<p>Durgin — Lecture. Municip. Sanita. (c) M. S.</p>	<p>Cowles — Clinic. Mental diseases. McL. H.</p>	<p>Durgin — Lecture. Municip. Sanita. M. S.</p>	<p>Fisher — Clinic. Mental diseases B. L. H.</p>
4	<p>Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.</p>	<p>Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.</p> <p><i>Gynecol. Conference</i> M. S.</p>	<p>Homans — Lecture. Ovar. Tumors (c) M. S. (2 weeks)</p> <p>Bradford — Clinic. <i>Orthopedic Surg.</i> (s) Ch. H.</p>		<p>Clinical Conference. M. S.</p>	<p>Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.</p>
5						
7.30	<p>Accident-room Clinic (s) M. G. H.</p>	<p>Accident-room Clinic (s) M. G. H.</p>	<p>Accident-room Clinic (s) M. G. H.</p>	<p>Accident-room Clinic (s) M. G. H.</p>	<p>Accident-room Clinic (s) M. G. H.</p>	<p>Accident-room Clinic (s) M. G. H.</p>

APRIL.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Shattuck — Clinic. Clinical Medicine (c) M. G. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Surgical Clinic (c) B. C. H.	Mason — Clinic. Clinical Medicine (c) B. C. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Blake — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)
		Blake — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)		Blake — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)		
10	Wadsworth — Clinic. <i>Eye diseases</i> Eye & Ear Inf.	Wadsworth — Clinic. <i>Eye diseases</i> M. G. H.	Wadsworth — Clinic. <i>Eye diseases</i> Eye & Ear Inf.	Gay — Lecture. Clinical Surgery (c) B. C. H.	Wadsworth — Clinic. <i>Eye diseases</i> B. C. H.	
	Surgical Clinic (c) M. G. H.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.			Bowen — Clinic. <i>Skin diseases</i> M. G. H.	
11		Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.				
	Gannett — Clinic. Pract. Diagnosis (c) M. G. H.		M. H. Richardson. Lecture. Diag. in Cl. Surg. (s) M. G. H.	Surgical Clinic (c) B. C. H.	Walton — Clin. Lect. <i>Nervous diseases</i> M. G. H.	Surgical oper. (c) M. G. H.
					Surgical oper. (c) B. C. H.	

12	M. H. Richardson. Lecture. Clinical Surgery (c) M. G. H.	McCullom — Clinic. Infectious Dis. (s) B. C. H.	Knapp — Clinic. <i>Nervous diseases</i> B. C. H.	Watson — Clin. Lect. Genito-urin. Surg. (c) B. C. H.	McCullom — Clinic. Infectious Dis. (s) B. C. H.	
2	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)		W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)		W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	
3	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)		Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Cowles — Clinic. Mental diseases McL. H.	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Fisher — Clinic. Mental diseases B. L. H.
4	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.		Clinical Conference. M. S.	Bradford — Clinic. <i>Orthopedic Surg.</i> C. H.
7.30	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.
		<i>Gynecol. Conference.</i> M. S.				

MAY.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	
9	Shattuck — Clinic. Clinical Medicine (c) M. G. H.	Blake — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	Surgical Clinic (c) B. C. H.	Mason — Clinic. Clinical Medicine (c) B. C. H.	C. M. Green — Clinic. <i>Women's diseases</i> B. C. H.	Blake — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)	Blake — Clinic. <i>Ear diseases</i> E. & E. Inf. (2 hrs.)
10	Wadsworth — Clinic. <i>Eye diseases</i> Eye & Ear Inf.	Wadsworth — Clinic. <i>Eye diseases</i> M. G. H.	Wadsworth — Clinic. <i>Eye diseases</i> Eye & Ear Inf.	Burrell — Lecture. Clinical Surgery (c) B. C. H.	Wadsworth — Clinic. <i>Eye diseases</i> B. C. H.		
	Surgical Clinic (c) M. G. H.	Bowen — Clinic. <i>Skin diseases</i> M. G. H.			Bowen — Clinic. <i>Skin diseases</i> M. G. H.		
		Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.					
11	Gannett — Clinic. Pract. Diagnosis (c) M. G. H.		M. H. Richardson. Diagnosis in Clinical Surgery (s) M. G. H.	Surgical Clinic (c) B. C. H.	Walton — Clin. Lect. <i>Nervous diseases</i> M. G. H.	Surgical oper. (c). M. G. H.	
					Surgical oper. (c) B. C. H.		

12	Knapp — Clinic. <i>Nervous diseases</i> B. C. H.	McCollom — Clinic. Infectious dis. (s) B. C. H.	Knapp — Clinic. <i>Nervous diseases</i> B. C. H.	Watson — Clin. Lect. Genito-urin. Surg. (c) B. C. H.	McCollom — Clinic. Infectious dis. (s) B. C. H.
2	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)	W. T. Porter — Lab. <i>Exper. Physiol.</i> M. S. (2 hours)
3	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)	Whitney — Lab. <i>Clin. Microscopy</i> M. S. (2 hours)
4	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.	Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.	Cooking School.	Cooking School.
7.30	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.	Accident-room Clinic (s) M. G. H.
					Bradford — Clinic. <i>Orthopedic Surg.</i> Ch. H.
					Clinical Conference. M. S.
					Accident-room Clinic (s) M. G. H.
					Accident-room Clinic (s) M. G. H.
					Accident-room Clinic (s) M. G. H.
					Accident-room Clinic (s) M. G. H.

EXAMINATION PAPERS.

(*Annual Examinations, 1896.*)

First Year's Studies.

FIRST YEAR ANATOMY. — Professor DWIGHT.

1. Describe the radius.
2. Describe the capsule of the hip joint.
3. Describe the deltoid and the popliteus muscles.
4. Describe the stomach (omitting the mucous membrane).
5. Describe the ulnar artery as far as the wrist.
6. Describe the third ventricle.

PHYSIOLOGY. — Professor BOWDITCH.

[Number the answers to the questions without copying the questions themselves. Do not number the pages of the book. Answer the questions in order, writing on each page in succession.]

1. What is the main difference between the metabolism of plants and of animals?
2. What is the value of gelatine as food?
3. Explain the heart sounds and state their prime relations to ventricular systole and diastole.
4. What is the function of haemoglobin and how may its amount be determined?
5. What is the effect of muscular activity upon the excretions of the body?
6. What are the most important means of temperature regulation in the human body?
7. What changes are seen in the cells of the pancreas during active digestion?
8. What are the functions of the third pair of cranial nerves?
9. What are the functions of the retinal rods and cones?
10. What is the effect on respiration of cutting both pneumogastric nerves.
11. What is the principle of resonance and what is its application in the ear?
12. What tissues waste most completely in starvation?
13. Describe an experiment illustrating inhibition.
14. Prove that the spinal cord is a centre of reflex action.

PHYSIOLOGICAL CHEMISTRY. — Professor W. B. HILLS.

1. Maltose. From what and under what influences is it formed? What properties distinguish it from glucose?

2. What is the relative delicacy of the following tests for glucose: (a) Moore's; (b) Fehling's; (c) fermentation; (d) phenylhydrazine? What is the value of each as a test for sugar in the urine?

3. What properties distinguish the albumoses (hemi-albumose) from the native proteids? From the peptones?

4. Mucins and nucleo-albumins. Resemblances and differences? Which occurs in the urine; bile; saliva?

5. Describe the best clinical test for the detection of free mineral acid in the gastric contents.

6. Through what channels, and in what combinations, is nitrogen eliminated from the system?

7. For what substance do you test in order to determine the presence or absence of urine in any fluid? Describe the process.

8, 9. What proteids may occur in the urine? Describe briefly the method for the detection of each.

10. You are given a specimen of urine containing an abundant sediment, consisting chiefly of amorphous urates. How must such a specimen be treated, and with what precautions, in order that the detection of other elements, if present, may be assured?

 HISTOLOGY. — Professor C. S. MINOT.

[Three specimens numbered to correspond with the questions below are given to each student. Students are expected to make simple drawings, sufficient to show that they have correctly identified the parts.]

The specimens given were:—1, section of the trachea; 2, cerebellum stained by the Golgi method; 3, Radial section of the kidney.

1. Draw the epithelium, and name all the parts of which it is composed.

2. What is the organ? Name two of the forms of cells which you recognize. Draw one of those forms.

3. What is the organ? What is the plane of the section as related to the internal structure of the organ? Draw and name some part or structure of the organ, which is distinctively characteristic.

 BACTERIOLOGY. — Professor ERNST.

1. Gram's method of Staining.

2. Typhoid bacilli, — describe them.

3. Different methods of sterilization, — how can they be accomplished?

Second Year's Studies.

SECOND YEAR ANATOMY. — Professor DWIGHT.

1. Describe the line of the reflection of the pleuræ on the surface of the body.
2. Describe the relation of the cavity of the tympanum to the several parts of the temporal bone.
3. Describe the veins of the lower extremity, giving the direction of the current.
4. Describe the synovial sheaths of the palmar side of the hand and wrist.
5. Describe what can be seen and felt during life in the region of the shoulder.
6. Describe the ischio-rectal fossa.

PATHOLOGICAL ANATOMY. — Professor COUNCILMAN.

1. What do you mean by the external and internal causes of disease?
2. How would you prove that a micro organism is the cause of an infectious disease?
3. Describe the mode of formation and structure of a thrombus and what conditions favor its formation.
4. Describe the macro- and microscopic appearance of an infarction of the kidney and the changes it undergoes.
5. What conditions outside of the heart give rise to heart hypertrophy and how do they act in doing so?
6. Describe the lesions in the vessels in arterio sclerosis, and the lesions in the kidneys due to this.
7. What nerve tracts in the spinal cord are affected in ascending and descending degeneration?
8. Describe the various lesions of the glomerule in disease of the kidneys.
9. Describe the lesions in the lungs in broncho-pneumonia. At what age is it most common and with what diseases most frequently associated?
10. Describe the histological structure in the principal varieties of sarcoma.

THERAPEUTICS. — Dr. HARRINGTON.

1. Write prescriptions for the following, avoiding abbreviations and giving directions for use :
 - (1) Tincture of belladonna. (2) Iodide of potassium. (3) Salicylate of sodium. (4) Sulphate of magnesium. (5) Dover's powder. (6) Calomel. (7) Phosphorus pills, (8) Tincture of nux vomica. (9) A liniment. (10) An emollient.
2. Describe: (1) Chloral. (2) Corrosive sublimate. (3) Opium. (4) Acetate of potassium. (5) Senna.

3. Constituents of: (1) Tully's powder. (2) Compound licorice powder. (3) Diuretin. (4) Chalk mixture. (5) Compound rhubarb pill.

4. Describe as fully as you can the action and uses of Digitalis.

5. Advantages of Antipyrin over Opium as an analgesic. What is Pelletierine and for what is it used? Why give small rather than large doses of Iron? What is an Oleatum?

6. Into what three groups may the Diuretics be divided? What is the action of the drugs of each group? Give examples of each. What is the dose of Phosphorus? In what form is it absorbed and eliminated? Upon what does it exert its chief action?

7. What is the action of Belladonna on the circulation, temperature, secretions, pupil, and peristalsis?

How is the character of the blood affected by Cod-liver oil, Iron, Quinine, and by the continued use of Mercury.

8. Action and uses of Tartar emetic?

Why not give Pilocarpine in cardiac dropsy?

Compare the action of Nitrite of amyl, Nitrite of sodium, and Nitroglycerine.

In case of great depression from poison what drugs would you use to stimulate the respiration and circulation?

CLINICAL CHEMISTRY.—Professor Wood.

1. Significance of a large excess of indoxyl in the urine? Of uric acid?

2. Under what conditions may the amount of albumin in the urine exceed $\frac{1}{2}$ per cent.?

3. Character of the urine and sediment in pyelitis calculosa? In catarrhal pyelonephritis? In tubercular cystitis?

4. Discuss the character of the urine in cases of interstitial nephritis and passive hyperaemia of the kidneys with special reference to the differential diagnosis between these two conditions by an examination of the urine.

5. Discuss the following specimens giving reasons for the inferences which may be drawn from them.

CASE A.

Slightly smoky. Acid. Sp. Gr. = 1013. Considerable sediment.

Uph. = —.	\bar{U} . = —.	Cl. = sl. —.	E. P. = sl. —.
Ind. = n.	\bar{U} . = +.	Sf. = sl. —.	A. P. = sl. —.

Albumin = $\frac{1}{4}$ %. No bile or sugar.

Sediment = Uric acid crystals, numerous renal cells, few leucocytes, pelvic cells and abnormal blood globules, numerous epithelial, granular, and hyaline casts, few fibrinous and fatty casts, some casts with leucocytes and abnormal blood globules adherent, fatty renal cells and few compound granule cells.

Amount of urine in 24 hours = 2070 cc.

“	“	urea	“	= 28.700 grms.
“	“	chlorine	“	= 8.765 “
“	“	P ₂ O ₅	“	= 2.165 “
“	“	albumin	“	= 5.175 “

6. CASE B.

Pale. Acid. Sp. Gr. = 1011. Slight sediment.

Uph. = —.	\bar{U} . = —.	Cl. = —.	E. P. = —.
Ind. —.	\bar{U} . = n.	Sf. = —.	A. P. = —.

Albumin = $\frac{1}{12}$ %. No bile or sugar.

Sediment = Hyaline and granular casts, and occasional fatty and waxy cast, fatty renal cells, and compound granule cells.

Amount of urine in 24 hours = 1760 cc.

“ “ urea “ = 17.776 grms.

“ “ chlorine “ = 5.342 “

“ “ P_2O_5 “ = 1.675 “

“ “ albumin “ = 1.467 “

7. In what blood affection is the haemoglobin relatively high? In what one relatively low? What elements of blood are distinguished by the Ehrlich triple stain? Describe a megaloblast.

8. Symptoms of Digitalis poisoning?

Third Year's Studies.

OBSTETRICS.—Professor W. L. RICHARDSON.

1. Why is the umbilical cord tied on the maternal as well as on the foetal side before cutting?

2. What is the normal mechanism of labor in face presentation, position M. D. P.?

3. A multipara, six months advanced in pregnancy, has had several haemorrhages from the uterus in the last two months. These occur without pain, have been sudden and so profuse that the patient is very anaemic. Discuss diagnosis and treatment.

4. After a miscarriage in the sixth month, the placenta is found adherent, and is removed with the fingers. A consultation on the sixth day shows well-marked septic endometritis. Treatment?

5. Treatment of post-partum eclampsia?

6. A multipara has been in full-term labor for twelve hours, under the care of a midwife. The physician called to the case finds the foetus alive, position Sc. L. P., with the left hand hanging without the vulva. The os is fully dilatable; the pains have practically ceased; the mother's condition is satisfactory. Treatment?

7. A primipara, after full-term labor of eighteen hours, is found by a consultant to have a generally contracted pelvis, with a true conjugate at the brim of 3.25 inches. The head presents, position O. L. A., but has not engaged. The mother's condition is fair, the os is dilatable. A loop of pulseless funis has been in the vagina for half an hour. Treatment?

8. A multigravida in the ninth month is delivered on account of considerable haemorrhage due to placenta praevia. Three hours later she had a smart secondary haemorrhage, and is found to be in a state of collapse, with quick, feeble pulse, pallor, increased respiration, and cold extremities. The placenta came away one hour after delivery. Treatment?

9. Twenty-four hours after the appearance of the milk the outer third of one breast is swollen, hard, and tender to the touch. The temperature is 101.5° F. Prognosis? Treatment?

10. Use of antiseptics in obstetric practice.

SURGERY.—Professor WARREN.

1. Osteomyelitis in long bones, its Pathology, diagnosis and treatment.

2. The differential diagnosis of Hydrophobia and Tetanus.

3. Enumerate the different forms of carcinoma of breast and give the prognosis in each case.

4. Ether, chloroform, nitrous oxide, and cocaine. (a) How administered. (b) Dangers.

5. What is the action of the modern army bullet on the tissues? State the general principles of treatment of gun shot injuries.

6. Prognosis and treatment of fracture of patella.

7. What are the symptoms and the cause of death in dislocation of the cervical vertebrae?

8. Enumerate the fractures of the shoulder joint: state the period of life at which they occur and the deformities to which they give rise.

9. Appendicitis: (a) Indications for operation. (b) After treatment.

10. What are the symptoms of intussusception and the different modes of treatment?

THEORY AND PRACTICE.—Professor FITZ.

1. The diagnosis and treatment of pernicious anaemia.

2. The etiology and symptoms of rheumatic purpura.

3. Classify the general symptoms of infectious diseases and state their relation to the etiology of these affections.

4. The characteristic symptoms of syringomyelia.

5. The diagnosis and treatment of abscess of the lung.

6. The treatment of chronic ulcer of the stomach.

7. The differential diagnosis and the particular prognosis of ulcers of the intestine.

8. The method of origin and diagnosis of abscesses of the liver.

9. The significance of albumin and casts in the urine.

10. The importance of the symptoms attributed to movable kidney and the diagnosis, prognosis and treatment of this condition.

GYNAECOLOGY.—Asst. Professor DAVENPORT.

1. A bi-laterally lacerated cervix uteri, with considerable hyperplasia, eversion, and erosion, needs operation, but patient declines. What non-operative treatment might you pursue to advantage? What could you expect to accomplish by it?

2. Give the principal causes of endocervicitis and its treatment.
3. What are the indications for Alexander's operation and for ventro-fixation? Describe the former?
4. Describe concisely how you would replace a movable, retroverted uterus. How would you fit a pessary to hold the replaced uterus in normal position? What subsequent care should the pessary receive?

NEUROLOGY.—Professor PUTNAM.

1. What changes in electrical reaction of nerves and muscles (to faradic and galvanic stimulations) would you effect in the following cases: (*a*) pressure paralysis of the musculo-spiral nerve, without atrophy, duration two weeks; (*b*) paralysis of the facial nerve, (common peripheral form) duration one day; (*c*) ditto, duration two weeks; (*d*) poliomyelitis, causing paralysis and atrophy of a number of the muscles of one limb, duration six months; (*e*) atrophy of hand muscles (progressive, spinal form), duration six months; (*f*) hemiplegia of cerebral origin, 1. without marked muscular atrophy; 2. with marked muscular atrophy?
2. Draw diagrams of the surface of the brain and of a section of the spinal cord, and indicate on them the situation of the principal areas and tracts.
3. Given a case of the ordinary form of motor hemiplegia of sudden onset, in an adult patient, what would you consider as the probable seat of the lesion, and what investigations would you make to ascertain the cause?
4. What difference in symptoms would you expect between a right hemiplegia and a left hemiplegia?
5. What is meant by a neuron? Give all the examples that you can recall, of the different sorts of neurons.
6. Give the differential diagnosis of cortical—subcortical cerebral tumors.

N.B. Answer with fullness and accuracy even if all the questions cannot be covered. No statements will be counted that are not obviously intended as real answers to the questions asked.

MENTAL DISEASES.—Dr. FISHER.

1. Name the forms of insanity due to defect and degeneration.
2. Define and name the psycho neuroses.
3. What is circular insanity?
4. If you had a patient with systematized delusions of self-importance and persecution, with hallucinations, what would your diagnosis be?
5. Give the causes, pathology, treatment, and progress of neurasthenia.
6. Name the symptoms of melancholia in their natural order?
7. Give the causes, progress, and pathology of general paralysis.
8. If called to examine an alleged insane person who failed to answer your questions what would you infer and what would you do?

DISEASES OF CHILDREN. — Professor ROTCH.

1. Give the diagnosis, prognosis, and treatment in the following case : — A boy, six years old, and previously healthy, had an attack of measles November 15th, 1895.

The attack was followed by a broncho-pneumonia, which confined him to his bed until January 15th.

On February 1st he still had a slight cough, was moderately emaciated, showed considerable muscular weakness, and had a pulse of 90, a temperature of 98, and respirations 24. At this time also there was found harsh respiration and a few moist râles in limited areas corresponding to parts of the lower lobes of the lungs behind. He had been decidedly constipated for two weeks.

February 2d he was suddenly attacked at 7 A.M. with abdominal pain, chiefly located on the left side, and he vomited two or three times.

The pain was soon followed by frequent discharges from the bowels. At first the discharges were faecal in character, but they were soon found to consist only of blood and mucus. When seen at 10 A.M. his pulse was 60, his temperature was 99, and his respirations were 30. The abdomen was slightly distended and tympanitic, excepting over an area of about three inches in diameter, where there was dulness. This area of dulness was situated a little to the left of the median line, and on a level with the umbilicus. There was resonance between this dull area and the lower border of the ribs. Palpitation over the area of dulness showed slight tenderness and an ill-defined tumor. A deep rectal examination failed to detect anything abnormal.

2. The diagnosis and treatment of infantile scorbutus.

3. How would you treat an infant born prematurely at the seventh month?

4. The diagnosis and prognosis of congenital cardiac disease.

5. The diagnosis of Congenital Syphilis in the first two months of life.

6. The differential diagnosis between thrush, stomatitis herpetica (aphthosa) and stomatitis ulcerosa.

DERMATOLOGY. — Professor WHITE.

1. Seborrhoea.

2. Clinical forms of erythema.

3. Psoriasis.

4. Treatment of acne.

5. Scabies.

Fourth Year's Studies.

CLINICAL MEDICINE. — Professor SHATTUCK.

[Discuss these cases in the order in which they are arranged. Assume that symptoms not mentioned are wanting; but as omissions, intentional or not, may occur, state them if essential. The intelligent discussion of the cases will have more weight than a hasty and inconclusive though correct diagnosis. Write out all prescriptions in full.]

CASE 1. — A woman of 41, and good family history, has been married twice. The cause of the death of her first husband is unknown. During

her first marriage she had two miscarriages, at the fourth and sixth months. By her second husband, to whom she has been married ten years, and who appears healthy, she has never been pregnant. She has no rheumatic history. He states that since he has known her she has never been able to walk far without dyspnoea; but that her health was good until seven years ago when at Carlsbad, whither she accompanied her mother who went for treatment, she herself took several baths, and just after the last a sudden left hemiplegia developed. It was four months before she could be moved, and the left arm and leg, though useful, have never regained full power. She has always risen once in the night to urinate, no more frequently lately. Yesterday she was as well as usual, drove in the afternoon, had a good dejection, ate supper with relish, went to bed and slept as usual. Her husband was wakened by a noise about one A.M. to-day, and again later, his wife speaking to him. By, or soon after four A.M., she was semi-conscious, could not swallow or speak, and had developed a right hemiparesis, most marked in the face, which is strongly drawn to the left.

At eleven A.M., June 27, a consultation was held. The color and nutrition were good, the face not flushed, respiration easy, the breath free from odor. The heavily coated tongue was slowly protruded on demand, but her power of comprehension seemed much limited. Temperature, normal. The pulse could not be counted at the wrist: the heart beat at the apex was sometimes 44, again 72 per minute. The character of the radial artery could not be determined. The heart sounds were clear, the first not prolonged at the apex, the pulmonic second accentuated. No thrill. A large mamma rendered it difficult accurately to map out the size of the heart; but the organ did not seem notably, if at all, enlarged. Complete aphasia and inability to swallow. She moved the right arm somewhat, the right leg a very little. Contractures of the left fingers. The superficial reflexes were absent; no deep reflexes in the right arm or left leg; knee jerk present on right. Abdomen negative. A single specimen of urine was 1012½ in specific gravity, pale, free from sugar, with a very slight trace of albumin, diminished urea, a few hyaline and fine granular casts.

Diagnosis? Prognosis? Treatment?

CASE 2.—A married woman of 32 is seen February 8. Family and previous history good. The previous March she began to have pain in the right side and back, not sharply localized, moderately severe, fairly constant, and a tumor was discovered in the right side of her abdomen. Soon after she became pregnant, and her health was very fair all summer. In October the urine was examined, and is said to have been normal. Her present attendant was called December 4 and found her about the house, pulse 120, with general anasarca and dyspnoea. The urine was about half a pint per diem, loaded with albumin, and containing some hyaline casts. She was ordered to bed, and under digitalis and potassic acetate the pulse came down, the urine increased, and the dropsy disappeared. December 23 she miscarried at the seventh month. Soon after the urine fell again to half a pint a day and dropsy returned; but within the past two weeks the urine has risen to one to two pints, and the dropsy disappeared. But her general condition is considered worse. She takes but little nourishment, sleeps well, no nausea though she has vomited several times, but only after taking salts as a purge, no headache or twitching, mind clear, bowels move daily without assistance. She is pale, thin, and

weak. Pulse 72, regular, low tension. No oedema. Thorax negative. In the right side of the abdomen, just above the navel level, not influenced by respiration, a fairly large, rounded and apparently smooth tumor can be felt anteriorly and also bimanually. Tenderness is sufficiently marked to render the determination of mobility difficult. The urine is 1020 with a large trace of albumin: the sediment consists chiefly of pus, with a few hyaline casts.

Diagnosis? Prognosis? Treatment?

CASE 3. — A real estate dealer, 58 years old, married, of good family and previous history, large in frame, of good habits except for very rapid eating, is seen May 1. About a year ago his remaining teeth, which were few and inefficient, were extracted. False teeth were procured but he has not been able to wear them on account of sore mouth, apparently subjective rather than objective. His wife states that for at least a year he has not been as vigorous as formerly. He says that during the summer his sleep was poor, without apparent cause. In June and September he took satisfactory vacations, but returned from the second worse and weaker than he went, complaining of poor appetite and digestion, some nausea and occasional vomiting, especially when he forced himself to eat. The vomitus was not characteristic. He made weekly visits to a doctor and followed his directions: but he did not gain and his complexion became sallow. About the middle of November, after drinking moderately of cider, diarrhoea came on with wind and offensive discharges; and between this date and February he lost 51 lbs. in weight. Soon after this the diarrhoea was checked, and since the last of February loss in weight has been trifling, though his color is worse and strength has continued to fail. His digestion is now fair, and he takes a reasonable amount of nourishment. His main complaint at present is of weakness, lassitude, and shortness of breath on exertion which a year ago he would not have regarded. No fever has been noted. Several examinations of the urine have been made in the past three months, all with negative result until a week ago when a single specimen showed sp. gr. 1008, albumin 1/10% some pus — not enough, it was thought, to account for the albumin — and a few hyaline casts. The 24 hour amount is not known, but is believed by the attending physician to be increased. Pulse 84 regular, feeble and small, of low tension. Temp. 99.6°. Marked pallor of general integument and mucous membranes, with a yellowish cast to the former. Soft systolic murmurs are heard in the mitral and pulmonic areas: the heart is not enlarged. There is slight oedema of the ankles. Visceral examination is otherwise negative: no enlarged glands are to be felt.

Diagnosis? Prognosis? Treatment?

CLINICAL SURGERY. — Professor C. B. PORTER.

CASE 1.

Patient a girl of 18 years of age, well, except for a recent appendicitis which was successfully operated upon five months previous to the present trouble. Six months prior to her entrance to the hospital, she was thrown violently from a carriage, but received no injury recognized at the time, beyond a severe shaking up. Not long after, however, she had an attack of diarrhoea with no ascertained cause which persisted for some weeks. The discharges were very watery, contained much slime, no blood. Coincident with the diarrhoea came gastric symptoms, pain and distress

in the epigastrium after eating; nausea and occasional vomiting; slight eructation of gas; occasional head-ache, poor appetite, all solid food distressed her, was troubled with palpitation, attacks of flushing and tremor, hiccough. At the end of three months her condition was such that she was obliged to keep her bed. Now for the first time, while in bed, she noticed a lump under the right costal border, which was freely movable and at times disappeared entirely under the ribs. When lying on the back it was often not to be felt at all. When first noticed it caused no pain and was only slightly tender. In time it became painful and the pain gradually increased until at the time of entrance to the hospital, she complained of almost constant dragging pain in the right hypocondriac and lumbar regions which was aggravated by exertion and relieved by lying down. The bowels were in fair condition at this time, and there was nothing abnormal about the urine. She had occasional attacks of numbness and queer feelings in the feet and hands. Between December and the middle of July, when she entered the hospital she had lost between 20 and 30 pounds in weight and a great deal of strength.

Physical examination showed fairly well nourished and well developed patient. The pupils were equal and reacted readily to light; tongue slightly coated; lungs and heart negative.

In the dorsal position the abdomen usually showed nothing abnormal, but when the patient was turned on the left side a roundish, freely, movable body could be felt just to the right of the naval. On manipulation it returned readily to its dorsal position and disappeared under the ribs. It was very tender on pressure.

What is the disease?

What do you advise for treatment?

If operative, the reasons therefor and the technique.

What is the prognosis?

CASE 2. Mr. T. N.; aged 34.

Family history negative as also the personal history up to two years ago.

One Sunday afternoon he took the train for B with a friend to whom he stated on the way that he had eaten a larger meal than usual and felt rather uncomfortable from a swollen belly, although he experienced no pain. On arriving at the house of his friend and not finding him in he went to another house in search of him and while waiting, suddenly took a chill. On his way back he was seized with a griping pain in the right iliac region which lasted for an hour and a half, sometimes unbearable and sometimes comparatively easy. On his way to the station he passed gas continually and at the station desired a movement of the bowels. He had no movement, however, but passed gas followed by much pain. He reached home late at night, took some whiskey and went to bed. He slept until 3 A.M., then rolled about for an hour when pain became so intense that he got up and was immediately nauseated. He did not vomit, however, but retched more or less for three hours and a half. He started for the doctor's house and there vomited. He was advised to apply iodine which he thought at first relieved him, but after an hour the pain became worse and a flax-seed poultice was applied over the right iliac region and a mustard poultice over the stomach to stop the vomiting. Both gave great relief. The flax-seed poultices were re-applied every 20 minutes until the pain had entirely left, having continued nearly 24 hours. The next morning he went to work.

About a year later he had a second attack at night and on the application of iodine, went to work next morning. There was very little pain and no vomiting. The third attack was four days before his entrance to the hospital. As in the first attack, he had eaten a very hearty dinner. During the afternoon he felt uncomfortable and bloated and suffered greatly from cramps in his stomach. That night he went to B and on returning home, ran for a car. He stepped on the car quickly with his right foot and a sudden pain, as if a knife had gone through him, was the cause of his being caught by the conductor and assisted to his seat in the car. He felt as if he had ruptured himself in getting aboard. On arrival home, iodine was liberally painted over the seat of the pain. At 3 A.M. the next morning he was awakened by a pain and iodine again freely applied, but with no relief. The belly was so swollen that he could not lie down and there was nausea, but no vomiting. There was slight tenderness localized at a point a little below a point half way between the anterior superior spine of the ilium and umbilicus which remained to the date of entrance to the hospital, and some little time after.

From what does the patient suffer?

What treatment would you recommend?

If operative, state the technique of the preparation of the operation and the post-operative treatment.

Give prognosis with and without operation.

CASE 3.

An unmarried Syrian girl, 17 years old, has been working as a mill hand for four years requiring her to be on her feet all day.

On entrance to hospital her temperature was normal, pulse 102, respirations 34.

She was fairly developed and fairly nourished, poor color, with rather drawn expression, seemed in no present pain.

Family history negative. Patient has never been sick up to present trouble. One year ago, she said, a pain in the side came on with a steady dull ache. This has steadily grown worse. It is, at the present time, aggravated by coughing, laughing, or sneezing. Four months ago, she first noticed a swelling in the right side. This, she thinks, is no larger now than when she first discovered it. Six months ago the pain extended to the right thigh and this was severe enough to keep her in bed some time. This continued and is the trouble for which she entered the hospital.

So far as could be made out this pain was varying in character, being sometimes a numbness and stiffness, again, a sensation of pins and needles, again, severe and darting in character. The most marked characteristic on physical examination was a tumor situated in the right iliac region and extending upward about the level with the umbilicus, a large tense mass, firm, but not hard, seemingly fluctuant, not movable from side to side. The right thigh was somewhat swelled, measuring two inches more in circumference than the left.

Examination of the chest showed some dulness, a few squeaks and diminished respiratory murmur at right apex, first aortic heart sound roughened.

Urine slightly alkaline, normal in color, sp. gr. 1018, sugar none; albumen none. No blood examination was made. Vaginal examination negative.

What is the trouble?

What treatment do you advise?

What is the prognosis?

OTOLOGY. — Professor BLAKE.

1. What important structures are in danger of injury in mastoid operations?
 2. By what routes may pus most readily escape from the tympanum?
 3. What does contraction of the tensor tympani muscle effect?
 4. Describe the symptoms and treatment in a case of furuncle of the external auditory canal.
 5. Mention some of the syphilitic diseases of the ear.
 6. What are the precautions to be observed in the removal of inanimate foreign bodies from the ear?
 7. The diagnosis of acute suppuration of the tympanum.
 8. What indications would lead you to advise opening the mastoid during the first two weeks of an acute tympanic suppuration?
-

LARYNGOLOGY. — Dr. A. COOLIDGE, Jr.

1. Causes of nasal obstruction.
 2. Perforations of nasal septum: seat and nature.
 3. Peritonsillar abscess: symptoms, diagnosis, and treatment.
 4. Pharyngo-mycosis: etiology and diagnosis.
 5. Causes of, and appearances in oedema of the larynx.
 6. Describe the action of the larynx in the production of sound.
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ORTHOPEDECS. — Asst. Professor BRADFORD.

1. Give diagnosis, prognosis, and treatment of the case which is presented.
 2. What is the object of a plaster jacket in caries of the spine?
 3. In what cases of caries of the spine is a head support needed?
 4. What is the object of traction in hip disease?
 5. What is the usual deformity following tumor albus?
-

LEGAL MEDICINE. — Professor DRAPER.

1. What organs of the new-born child, other than the lungs, give anatomical evidence that the child was born alive and survived the birth?
2. The skeleton of an adult is found, whose identity it is important to determine. All the soft parts, including the intervertebral cartilages, are gone. Describe your method of estimating the height of the person in life.
3. What appearances upon the skin indicate the entrance-wound of a bullet fired from a pistol whose muzzle is held six inches from the wound?

4. How would you distinguish on the dead body an incised wound made ten hours before the person's death from an incised wound made with the same weapon and in the same situation ten hours after the death?

5. Name some of the rules which should guide the medical witness in his conduct while giving medical testimony.

SYPHILIS. — Dr. Post.

1. A man applies to you with a sore upon the genitals supposed to be of venereal origin. What would lead you to consider it primary syphilis?

2. What would lead you to consider such a sore a purely local lesion?

3. How would you treat such sores?

4. What are the general characteristics of the earliest eruptions of syphilis?

5. What are the chances as regards children?

(a) When both parents are syphilitic.

(b) When father alone is syphilitic.

6. Describe the test known as Hutchinsonian.

7. What is Colles law?

OPHTHALMOLOGY. — Professor WADSWORTH.

1. Phlyctenular Conjunctivitis.

2. Interstitial Keratitis.

3. Myopia and Hypermetropia.

4. What is the action of atropine on the eye, and in what diseases is it indicated?

5. Cause and course of sympathetic Ophthalmia. Treatment.

GYNAECOLOGY. — Asst. Professor C. M. GREEN.

1. Complete rupture of the perineum. Describe concisely the surgical treatment and the after-care.

2. In carcinoma uteri, too far advanced for radical operation, but with the patient still in good general condition, what palliative measures are advisable? What may you legitimately hope to accomplish by them?

3. Hydrosalpinx. Symptoms? Diagnosis? Treatment?

4. Causes and treatment of dysmenorrhoea?

5. Treatment of retroversion of the uterus with adhesions?

6. The significance of irregular haemorrhages about the climacteric period? Diagnosis? Treatment?

OPERATIVE OBSTETRICS. — Asst. Professor C. M. GREEN.

1. Describe briefly the low forceps operation in a head presentation with the occiput rotated to the pubic arch.

2. A primipara at full term has been in labor twelve hours: the os is soft, and fully dilatable, the membranes unruptured. The brow presents,

position O. D. P., but the bi-parietal diameter has not passed the pelvic brim. The condition of mother and child is good; but the pains have become feeble, and there has been no progress for an hour. Treatment?

3 In the manual extraction of a breech, how would you try to prevent the extension of the head and arms? How would you proceed in the event of their becoming extended?

4. A multipara, when seen two hours after the beginning of labor, is found to present the head, movable above the brim, in O. L. A. position. A loop of pulsating cord is in the vagina, the os is 1.5 inches in diameter, and the pains are good. Treatment?

OPERATIVE SURGERY. — Professor C. B. PORTER.

1. Rules for ligature of the brachial artery at its middle.
2. Rules for ligature of the lingual artery.
3. Rules for ligature of the femoral at Hunter's Canal.
4. Rules for enucleation of the eye.
5. Rules for excision of the elbow.
6. Rules for amputation at the point of election in the leg.
7. Describe the operation for the excision of the breast.
8. Describe the operation for the excision of the lower jaw.
9. Rules for excision of the shoulder joint.

NEUROLOGY. — Dr. WALTON.

1. Given a case of inability to extend the wrist, what disorders must be considered and what steps taken to establish the diagnosis by means of the history and physical examination?

2. What symptoms would follow a transverse lesion of the spinal cord,
- in the cervical region?
 - in the dorsal region?
 - in the lumbar region?

3. Given a case of an elderly man with left hemianopsia, left motor and sensory hemiplegia; assume the heart to be enlarged though without valvular disease, and chronic nephritis to be present; what is the probable nature and exact location of the lesion?

4. Give the differential diagnosis between hysterical hemiplegia and hemiplegia due to hemorrhage.

5. Give the forms and varieties of aphasia.

DERMATOLOGY. — Professor WHITE.

1. Urticaria.
2. Eczema.
3. Melanoderma.
4. Cutaneous tuberculosis.
5. Vegetable parasitic affections.

BACTERIOLOGY.—Professor ERNST.

1. Typhoid.
2. Actinomycosis.
3. Anthrax.

HYGIENE.—Dr. HARRINGTON.

1. Describe the process for the determination of carbon dioxide in air.
2. How would you prepare and standardize a solution for determining hardness in water?
3. Describe the process for determining the percentage of total solid matter and of fat in milk.
4. A sample of water from one of the sources of Boston's supply yielded on analysis the following amounts per 100,000 parts :

Ammonia	0.0012	Color: slightly brownish.
Albuminoid ammonia	0.0066	Odor: slightly peaty when heated.
Chlorine	0.15	Transparency: clear.
Total Residue	2.10	
Nitrogen as nitrates .	0.032	
“ “ nitrites	0.000	

Another sample from a different source gave the following results :

Ammonia	0.0448	Color: very slight.
Albuminoid ammonia	0.0156	Odor: slightly stale when heated.
Chlorine	1.30	Transparency: fairly clear.
Total Residue	17.60	
Nitrogen as nitrates .	1.52	
“ “ nitrites0003	

What inferences may be drawn from these data?

5. Outline briefly the processes employed in making an analysis of drinking water.

ADMISSION EXAMINATIONS.

LATIN.

I.

(Translate one of the two following extracts. The quality as well as the *quantity* will be considered:)

“His Caesar ita respondit: Eo sibi minus dubitationis dari, quod eas res quas legati Helvetii commemorassent, memoria teneret, atque eo gravius ferre, quo minus merito populi Romani accidissent, qui si alicuius iniuriae sibi conscius fuisset, non fuisse difficile cavere; sed eo deceptum quod neque commissum a se intelligeret quare timeret, neque sine causa timendum putaret. Quod si veteris contumeliae oblivisci vellet, num etiam recentium iniuriarum, quod eo invito iter per provinciam per vim tentassent, quod Aeduos, quod Ambarros, quod Allobrogas vexassent, memoriam deponere posse? Quod sua victoria tam insolenter gloriarentur, quodque tam diu se impune iniurias tulisse admirarentur, eodem pertinere. Consuesse enim deos immortales, quo gravius homines ex commutatione rerum doleant, quos pro scelere eorum ulcisci velint, his secundo interdum res et diuturniorem impunitatem concedere. Cum ea ita sint, tamen, si obsides ab iis sibi dentur uti ea quae polliceantur facturos intelligat, et si Aeduis de iniuriis quas ipsis sociisque eorum intulerint, item si Allobrogibus satisfaciant, sese cum iis pacem esse facturum. Divico respondit: Ita Helvetios a maioribus suis institutos esse uti obsides accipere non dare consuerint: eius rei populum Romanum esse testem. Hoc responso dato discessit.”

II.

Mortuo Numa Tullus Hostilius rex creatus est. Hic non solum proximo regi dissimilis, sed ferocior etiam Romulo fuit. Eo regnante bellum inter Albanos et Romanos exortum est. Ducibus Hostilio et Fuffetio placuit, fata utriusque populi paucorum manibus committi. Erant apud Romanos trigemini fratres, Horatii, trigemini quoque apud Albanos, Curiatii. Cum iis agunt reges, ut pro sua quisque patria dimicent ferro. Foedus ictum est ea lege, ut, unde victoria, ibi imperium esset. Itaque trigemini arma capiunt, et in medium inter duas acies procedunt. Considerunt utrimque duo exercitus. Datur signum, infestisque armis terni iuvenes, magnorum exercituum animos gerentes, concurrent. Ut primo concursu increpuere arma, micantesque fulsere gladii, horror ingens spectantes perstrinxit. Consertis deinde manibus, statim duo Romani, alius super alium exspirantes ceciderunt; tres Albani vulnerati. Ad casum Romanorum conclamavit gaudio exercitus Albanus. Romanos iam spes tota deserebat. Unum Horatium tres Curiatii circumsteterant. Forte is integer fuit; sed quia tribus impar erat, fugam capessivit, ut eorum pugnam segregaret. Jam aliquantum spatii ex eo loco, ubi pugnatum est, aufugerat, cum respiciens videt unum e Curiatiis haud procul ab se abesse. In eum magno impetu redit; et dum Albanus exercitus inclamat Curatiis, ut opem ferant fratri, Horatius iam eum occiderat. Alterum deinde, priusquam tertius potuit consequi, interfecit.

ENGLISH.

[Correct the following sentences.]

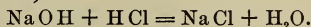
1. Neither of the ships were English men-of-war.
2. Neither he or I saw the approach of the train.
3. Some public man was mentioned — I forget whom.

Write a short composition on the trial scene in Shakspeare's Merchant of Venice.

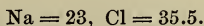
CHEMISTRY.

[Laboratory note-books (qualitative analysis), properly endorsed, must be handed in at this examination.]

1. How long have you studied chemistry? Where? What courses have you taken? What books have you used?
2. What is the difference between a molecule and an atom? What is the atomic weight, and the molecular weight, of hydrogen; oxygen?
3. What relation exists between the combining volumes of elements in the gaseous state and their atomic weights?
4. How much sodic hydrate is required to exactly neutralize 73 grams hydrochloric acid (HCl)?



5. Write the equations showing the action of hydrochloric acid upon calcium (Ca); CaO; CaO₂H₂; CaCO₃.
6. Define allotropism; water of crystallization; water of constitution.
7. Describe, briefly, sulphuric acid; phosphorus.
8. What are the chief sources of the compounds of sodium; potassium; ammonium?



PHYSICS.

1. Does a body projected horizontally reach the ground in the same space of time as if dropped vertically or in a longer or shorter time, and why?
2. State the principle of construction and graduation of a mercury thermometer.
3. Give a method for converting thermometer readings from Fahrenheit to centigrade.
4. What are the phenomena included under the terms diamagnetism and paramagnetism?
5. Upon what do the loudness and the pitch of a sound depend?
6. What are overtones? harmonics?
7. What is the effect of a convex lens upon the transmitted rays of light? of a concave lens?
8. What is specific gravity?

FRENCH.

1. TRANSLATION:— Nous devons aller au Vésuve où se rendaient en foule, depuis huit jours, les nombreux curieux que chaque éruption nouvelle y conduit. En effet, vers la chute du jour nous nous mîmes en route. Ma tante et ses deux filles étaient de la partie, puis Gilbert, Mario, et Lando.

Au début, tout alla au mieux. Ma tante aimait les parties de plaisir, et celle-ci en était une pour elle; la conversation ne se ralentit pas un instant jusqu'à Resina, où nous arrivâmes lorsqu'il faisait nuit close. Là nous quittions la grande route pour entrer dans celle qui conduit directement au Vésuve.

Le nouveau cratère s'était ouvert cette fois fort au-dessous du cône si bien connu d'où jaillit ordinairement la fumée de la flamme. Il se présentait, au lieu de cela, comme une large blessure béante au flanc de la montagne, et vomissant à flots le feu, la cendre et les pierres enflammées. Il en résultait qu'au lieu d'avoir à gravir jusqu'au sommet pour arriver à l'endroit de l'éruption, on pouvait s'approcher en voiture assez près du torrent de lave, pour n'avoir plus qu'une petite distance à franchir à pied, afin de parvenir en face de la formidable ouverture, dont on se rapprochait ensuite plus ou moins, selon le degré de curiosité ou de hardiesse dont chacun était doué. Mais le spectacle était déjà imposant bien longtemps avant qu'on fût en position de le contempler de près.

II. State the person, tense, and number of the following verbs, with their principal parts: 1. Nous devons; 2. Nous mîmes; 3. Il faisait; 4. On fût; 5. Vomissant; 6. S'approcher.

III. Write in French a short account of some familiar place or object.

GERMAN.

Nach einigen Monaten ließ der Kalife ihn wieder vor sich rufen. Auf einem Tisch lag ein Haufen Gold, Diamanten und köstliche Stoffe; aber daneben stand der Henker¹ mit einer Geißel² in der Hand und einem Schwerte unter dem Arme. „Du hast nun Zeit genug gehabt“ fing Mutterwekel an, „um Dich zu bedenken³ und das Unrecht⁴ deiner Widerspänstigkeit⁵ einzusehen. Nun wähle; entweder nimm diese Reichthümer und thue meinen Willen, oder bereite Dich zu einem schimpflichen Tode!“ Aber Honain antwortete; die Schande liege nicht in der Strafe, sondern in dem Verbrechen. Er könne sterben, ohne die Ehre seines Standes und seiner Wissenschaft zu besflecken.⁶ Der Kalife sei der Herr seines Lebens; er thue was ihm gefalle.

„Geht hinaus“ sagte der Kalife zu den Umstehenden; und als er allein war, reichte er dem gewissenhaften⁷ Honain die Hand und sprach „Honain, ich bin mit Dir zufrieden; Du bist mein Freund und ich der Deinige. Man hat mir Deine Treue verdächtig gemacht; ich mußte Deine Ehrlichkeit prüfen⁸ um gewiß zu werden, ob ich mich vollkommen auf Dich verlassen könne. Nicht als eine Belohnung, sondern als ein Zeichen⁹ meiner Freundschaft werde ich Dir diese Geschenke senden, die Deine Rechtschaffenheit nicht verführen¹⁰ konnten.“

¹ executioner.

² scourge.

³ consider.

⁴ fault.

⁵ obstinacy.

⁶ to stain.

⁷ conscientious.

⁸ test.

⁹ token.

¹⁰ to corrupt.

ALGEBRA.

[Leave all the work.]

1. Multiply $\frac{xy^2}{a-b}$ by $a^2 - b^2$.

2. Divide $\frac{b-c}{b+c}$ by $a+c$.

3. What is the greatest common divisor of $ab + b^2$ and $ac^2 + bc^2$.

4. Clear the following equation of its fractions

$$x + \frac{3x-5}{2} = 12 - \frac{2x-4}{3}$$

and find the value of x .

5. There is a pole standing one-half plus one-third of its length under water and 4 feet above; required the length of the pole.

6. How many pounds of sugar at 9 cents a pound must be mixed with 20 lbs. at 13 cents, in order that the mixture may be worth 10 cents a pound?

7. Given $8x - 7y = -15$ and $3y - 6x = -9$ to find the values of x and y .

8. Given $x + y = 35$ and $\frac{3x}{7} + \frac{9y}{14} = 18$ to solve the equation.

9. Fifty laborers were engaged to remove an obstruction on a railroad; some of them by agreement were to receive \$0.90 and others \$1.50. There was paid just \$48. It is required to find how many worked at each rate.

10. A gentleman purchased a chaise, horse and harness for \$400. He paid four times as much for the chaise as the harness, and one third as much for the harness as the horse. How much did he pay for each?

GEOMETRY.

[Leave all the work.]

1. Two triangles are equal when the three sides of the one are equal respectively to the three sides of the other.

2. The diagonals of a rhombus bisect each other at right angles.

3. The exterior angles of a polygon, made by producing each of its sides in succession, are equal to four right angles.

4. When two circumferences intersect each other, the line which joins their centres is perpendicular to their common chord at its middle point.

5. Two parallel lines intercept upon the circumference equal arcs.

6. The area of a trapezoid is equal to one-half the sum of the parallel sides multiplied by the altitude.

BOTANY.

1. What is the effect of assimilation and growth of plants on the atmosphere?
2. What are tubers; stolons; bulbs; spikes; seeds?
3. Describe the life of annuals and biennials.
4. Name the parts of a complete flower. Give examples of monocotyledonous plants.
5. Give examples of Ranunculaceae, Rosaceae, Iridaceae, Leguminosae, Cruciferae, Caryophyllaceae.
6. Describe the phenomena of germination of a grain of corn.





