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### Bowdoin College Catalogue (1899-1900)

Bowdoin College

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CATALOGUE



OF

BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE



1899-1900



CATALOGUE  
OF  
BOWDOIN COLLEGE

AND THE  
MEDICAL SCHOOL OF MAINE

1899-1900



BRUNSWICK, MAINE  
1899

• 1899 •

**JULY.**

S	M	T	W	T	F	S
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**AUGUST.**

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**SEPTEMBER.**

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**OCTOBER.**

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**NOVEMBER.**

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**DECEMBER.**

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**JANUARY.**

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**FEBRUARY.**

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**MARCH.**

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**APRIL.**

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**MAY.**

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**JUNE.**

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**JULY.**

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**AUGUST.**

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**SEPTEMBER.**

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**OCTOBER.**

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**NOVEMBER.**

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**DECEMBER.**

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# CALENDAR.

1899

- Sept. 19—First Term began, . . . . . Tuesday.  
Nov. 30—Dec. 3—Thanksgiving Recess, Thursday to Sunday.  
Dec. 21—Sophomore Prize Declamation, . . . . . Thursday.  
Dec. 18—22—Examinations, . . . . . Monday to Friday.  
Dec. 28—30—Entrance Examinations of Medical School,  
Thursday to Saturday.

## VACATION OF TWO WEEKS.

1900

- Jan. 2—Medical Term begins, . . . . . Tuesday.  
Jan. 9—Second Term begins, . . . . . Tuesday.  
Jan. 28—Day of Prayer for Colleges, . . . . . Sunday.  
Feb. 15—Senior Prize Speaking, . . . . . Thursday.  
Feb. 22—Holiday (Washington's Birthday), . . . . . Thursday.  
April 2—6—Examinations, . . . . . Monday to Friday.

## VACATION OF ONE WEEK.

- April 17—Third Term begins, . . . . . Tuesday.  
May 30—Holiday (Memorial Day), . . . . . Wednesday.  
June 15—16—Ivy and Field Days, . . . . . Friday and Saturday.  
June 15—16—Entrance Examinations at Preparatory Schools,  
Friday and Saturday.  
June 18—22—Examinations, . . . . . Monday to Friday.  
June 18—26—Medical School Examinations,  
Monday to Tuesday of following week.  
June 24—Baccalaureate Sermon, . . . . . Sunday.  
June 25—Junior Prize Declamation, . . . . . Monday.  
June 26—Class Day, . . . . . Tuesday.  
June 27—Graduation Exercises of Medical School, Wednesday.  
June 28—Commencement Day, . . . . . Thursday.  
June 28—Annual Meeting of the Alumni, . . . . . Thursday.  
June 29—30—Entrance Examinations, . . . . . Friday and Saturday.

## VACATION OF TWELVE WEEKS.

- Sept. 17—19—Entrance Examinations, Monday to Wednesday.  
Sept. 18—First Term begins, . . . . . Tuesday.

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The College was named in honor of JAMES BOWDOIN, a graduate of Harvard in 1745, a delegate to the first Congress in Philadelphia, the President of the Convention which adopted the Constitution of Massachusetts, and subsequently Governor of the State. In addition to his civil honors, he was a member of various foreign societies, the first President of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Hon. James Bowdoin, son of the Governor. He was graduated at Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary to the Court of Spain and Associate Minister to the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his life-time he gave land, money, and apparatus to the College, and at his death it became, by will, his residuary legatee.

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675 Congress Street, Portland.

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608 Congress Street, Portland.

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3 Bath Street.

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214 Maine Street.

\*The residence is in Brunswick, except as otherwise stated.

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 624 Congress Street, Portland.

JOSEPH ERNEST ODIORNE, A.B.,  
*Assistant in Biology.*  
 19 Winthrop Hall.

CLARENCE FAIRBANKS KENDALL, A.B.,  
*Assistant in German.*  
 19 Winthrop Hall.

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 23 School Street.

The office of the Treasurer is in Massachusetts Hall. Office hours:  
 9 to 12, 2 to 4; Saturdays, 9 to 12.

ISAIAH HACKER SIMPSON,  
*Superintendent of Buildings and Grounds.*  
 8 McKeen Street.

CHARLOTTE GOVE LANE,  
*Assistant Librarian.*  
 11 Potter Street.



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Henry Herbert Randall,	<i>Farmington,</i>	55 Harpswell St.
Clarence Cromwell Robinson,	<i>Brewer,</i>	12 W. H.
Cheney Dexter Rowell,	<i>Berlin, N. H.,</i>	26 W. H.
George Wilkins Russell,	<i>Kearsarge, N. H.,</i>	3 M. H.
Henry Augustus Shorey, Jr.,	<i>Bridgton,</i>	22 A. H.
Frank Melville Sparks,	<i>Bangor,</i>	19 M. H.
Louis Mahlon Spear,	<i>Gardiner,</i>	23 M. H.
Everett Birney Stackpole,	<i>Augusta,</i>	15 A. H.
Arthur Weston Strout,	<i>Gardiner,</i>	6 A. H.
Malcolm Cameron Sylvester,	<i>North Bridgton.</i>	26 A. H.
Fred Uriah Ward,	<i>Cherryfield,</i>	8 Cleaveland St.
James Plaisted Webber,	<i>Bath,</i>	9 W. H.
Harold Preston West,	<i>Lewiston,</i>	3 M. H.
Joseph Walker Whitney,	<i>Portland,</i>	11 M. H.
Charles Glidden Willard,	<i>Newcastle,</i>	26 M. H.
Edmund Percy Williams,	<i>Topsham,</i>	Maine St.
Arthur Brooks Wood,	<i>Portland,</i>	5 M. H.
William Billings Woodbury,	<i>Woodfords,</i>	23 W. H.

## JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Harold Lee Berry,	<i>Portland,</i>	5 M. H.
Royal Henry Bodwell,	<i>Brunswick,</i> 42 Cumberland St.	
Thomas William Bowler,	<i>Hopkinton, Mass.,</i>	27 W. H.
Gibeon Elden Bradbury,	<i>Buxton,</i>	15 W. H.
Roland Everett Bragg,	<i>Bangor,</i>	13 A. H.
Roland Eugene Clark,	<i>Houlton,</i>	7 M. H.
Harry Howard Cloudman,	<i>S. Windham,</i>	29 M. H.
Harry Stevens Coombs,	<i>Lewiston,</i>	13 M. H.
John Arthur Corliss,	<i>Bridgton,</i>	28 A. H.
Arthur Fenno Cowan,	<i>Biddeford,</i>	1 M. H.
Fred Herbert Cowan,	<i>Farmington,</i>	31 W. H.
Ripley Lyman Dana,	<i>Portland,</i>	10 A. H.
Murray Snell Danforth,	<i>Bangor,</i> 11 Cumberland St.	
Otho Lee Dascombe,	<i>Wilton,</i>	16 A. H.
Frank Alexander Dillaway,	<i>Bath,</i> 8 Cleaveland St.	
Henry Darenydd Evans,	<i>Camden,</i>	29 W. H.
Edward Trowbridge Fenley,	<i>Portland,</i>	30 A. H.
Clarence Blake Flint,	<i>W. Somerville, Mass.,</i>	31 A. H.
Robert Chapman Foster,	<i>Portland;</i>	7 A. H.
Edwin Motley Fuller, Jr.,	<i>Bath,</i>	5 W. H.
Alonzo Herrick Garcelon,	<i>Lewiston,</i>	17 A. H.
George Redman Gardner,	<i>Brewer,</i>	19 M. H.
Norman John Gehring,	<i>Cleveland, O.,</i>	23 A. H.
John Gregson, Jr.,	<i>Wiscasset,</i> A A $\Psi$ House.	
Almon Franklin Hill, Jr.,	<i>Woodfords,</i>	19 A. H.
Paul Stanley Hill,	<i>Saco,</i>	1 M. H.
Alfred Louis Laferriere,	<i>Norway,</i>	4 M. H.
Austin Park Larrabee,	<i>Gardiner,</i>	8 A. H.
Edward Kavanagh Leighton,	<i>Thomaston,</i>	7 M. H.
George Lothrop Lewis,	<i>S. Berwick,</i>	31 W. H.
Elliott William Loring,	<i>Yarmouth,</i>	18 W. H.
Henry Augustus Martelle,	<i>Richmond,</i> 28 School St.	
Harris James Milliken,	<i>Bangor,</i>	5 W. H.
Artelle Elisha Palmer,	<i>S. Brewer,</i>	9 A. H.
Gardner Merrill Parker, Jr.,	<i>Gorham,</i>	29 M. H.
John Alexander Pierce,	<i>Portland,</i>	10 M. H.
George Loring Pratt,	<i>Strong,</i>	31 W. H.
Hugh Francis Quinn,	<i>Bangor,</i> A J $\Psi$ House.	

Thomas Cummings Randall,	<i>Freeport,</i>	25 M. H.
Clarence Byron Rumery,	<i>Biddeford,</i>	1 M. H.
Walter Lyman Sanborn,	<i>Norway,</i>	4 M. H.
Freeman Milliken Short,	<i>Portland,</i>	21 W. H.
Kenneth Charles Morton Sills,	<i>Portland,</i>	10 A. H.
Arthur Lawrence Small,	<i>Yarmouthville,</i>	18 M. H.
Ernest Thomas Smith,	<i>Lancaster, Mass.,</i>	31 A. H.
Donald Francis Snow,	<i>Bangor,</i>	9 A. H.
Herbert Duncan Stewart,	<i>Richmond,</i>	16 Cleaveland St.
Rufus York Storer,	<i>Brunswick,</i>	Elm House.
Herbert Lindsey Swett,	<i>Bangor,</i>	13 A. H.
Lester Dean Tyler,	<i>Hollis,</i>	30 M. H.
Harold Penniman Vose,	<i>Machias,</i>	30 M. H.
Harry Eaton Walker,	<i>Ellsworth,</i>	8 A. H.
William Moncena Warren,	<i>Bangor,</i>	20 M. H.
George Currier Wheeler,	<i>Farmington,</i>	9 M. H.
John Humphrey White,	<i>Lewiston,</i>	A J Φ House.
Roscoe Everett Whiting,	<i>Brunswick,</i>	Maine St.
Stanley Chandler Willey,	<i>Cherryfield,</i>	9 Cleaveland St.
John Howard Wyman,	<i>Skowhegan,</i>	16 Cleaveland St.
Clemens Andrew Yost,	<i>Portsmouth, O.,</i>	Elm House.

## SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Edward Swasey Anthoine,	<i>Portland,</i>	21 M. H.
John Appleton,	<i>Bangor,</i>	5 A. H.
Ben Barker,	<i>Portland,</i>	11 W. H.
Charles Edgar Bellatty,	<i>Ellsworth,</i>	32 M. H.
Robert Sanford Benson,	<i>Snow's Falls,</i>	77 Union St.
Thomas Herbert Blake,	<i>Bangor,</i>	2 M. H.
Ralph Porter Bodwell,	<i>Brunswick,</i>	40 Cumberland St.
Edward Edgecombe Carter,	<i>Bath,</i>	23 A. H.
Philip Howard Cobb,	<i>Portland,</i>	11 A. H.
Lyman Abbott Cousens,	<i>Portland,</i>	21 M. H.
Richard Bryant Dole,	<i>Portland,</i>	17 W. H.
Fred Henry Dorman,	<i>Auburn,</i>	9 M. H.
Harold Benjamin Eastman,	<i>Woodfords,</i>	15 A. H.
Barton Comstock Emery,	<i>Saco,</i>	8 M. H.
Ernest Woodbury Files,	<i>W. Gorham,</i>	30 W. H.
William Laberee Flye,	<i>Sheepscot,</i>	30 W. H.
George Edwin Fogg,	<i>Portland,</i>	21 W. H.
Ernest Bertrand Folsom,	<i>Stroudwater,</i>	17 W. H.
John Arthur Furbish,	<i>Brunswick,</i>	10 Cumberland St.
William Skelton Garcelon,	<i>Lewiston,</i>	17 A. H.
Harvey Dow Gibson,	<i>N. Conway, N. H.,</i>	21 A. H.
Erwin Garfield Giles,	<i>E. Brownfield,</i>	18 A. H.
Lee Thomas Gray,	<i>Lubec,</i>	32 M. H.
Herbert Leroy Grinnell, Jr.,	<i>Bath,</i>	30 A. H.
Daniel Irving Gross,	<i>Orland,</i>	8 School St.
Eben Ricker Haley,	<i>Gardiner,</i>	23 M. H.
George Clifford Hamblet,	<i>Woodfords,</i>	24 A. H.
Benjamin Peirce Hamilton,	<i>Waterboro,</i>	8 School St.
James Oliver Hamilton,	<i>Waterboro,</i>	8 School St.
Benjamin Franklin Hayden,	<i>S. Portland,</i>	13 M. H.
Edmund Hayes,	<i>Farmington,</i>	A J $\Phi$ House.
John Warren Higgins,	<i>Starks,</i>	15 M. H.
Frank Edward Hoyt,	<i>W. Gorham,</i>	30 W. H.
Charles Henry Hunt,	<i>Portland,</i>	25 W. H.
Harry Joseph Hunt,	<i>Bangor,</i>	15 W. H.
William Alden Johnston,	<i>Vanceboro,</i>	20 M. H.
Benjamin Edward Kelley,	<i>Boothbay,</i>	28 M. H.
Eugene Robert Kelley,	<i>Island Falls,</i>	22 M. H.

Harrison King McCann,	<i>Westbrook,</i>	21 A. H.
Perez Benjamin Merrill,	<i>Littleton, Mass.,</i>	32 A. H.
Sidney Webb Noyes,	<i>Portland,</i>	25 W. H.
Clifford Hamilton Preston,	<i>Farmington,</i>	2 A. H.
Andrew Stroud Rodick,	<i>Bar Harbor,</i>	24 A. H.
Charles Edgar Rolfe, 2d,	<i>Unity,</i>	16 W. H.
John Hudson Sinkinson,	<i>Portland,</i>	17 M. H.
Frederic Arthur Stanwood,	<i>Wellesley, Mass.,</i>	16 W. H.
Arthur Harris Stockman,	<i>Saco,</i>	6 M. H.
Ralph Bushnell Stone,	<i>Otter River, Mass.,</i>	14 W. H.
Harry Gordon Swett,	<i>Brunswick,</i>	9 Page St.
George Rowland Walker,	<i>Portland,</i>	11 A. H.
William Leavitt Watson,	<i>Portland,</i>	5 A. H.
Harold Randall Webb,	<i>Brunswick,</i>	10 Lincoln St.
William Ellery Wing,	<i>North Anson,</i>	15 M. H.

## FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Edward Farrington Abbott,	<i>Auburn,</i>	29 A. H.
Ralph Andrews,	<i>Kennebunk,</i>	22 W. H.
Harris Clark Barrows,	<i>Augusta,</i>	10 Cleaveland St.
Carroll Linwood Beedy,	<i>Lewiston,</i>	<i>A Δ Φ House.</i>
Robert Calvin Bisbee,	<i>Bethel,</i>	15 W. H.
Merrill Blanchard,	<i>Maynard, Mass.,</i>	15 W. H.
Philip Greely Clifford,	<i>Portland,</i>	16 M. H.
Philip Owen Coffin,	<i>Brunswick,</i>	Coffin St.
Charles Patrick Conners,	<i>Bangor,</i>	11 W. H.
Luther Dana,	<i>Westbrook,</i>	29 A. H.
Edward Augustus Dunlap, Jr.,	<i>Brunswick,</i>	27 Federal St.
Leon Jerome Emerson,	<i>Foxcroft,</i>	Elm House.
Leslie Clark Evans,	<i>S. Portland,</i>	14 M. H.
Henry Garfield Farley,	<i>Portland,</i>	18 W. H.
George Bourne Farnsworth,	<i>Bethel,</i>	27 A. H.
Harold Woodman Files,	<i>Cornish,</i>	Elm House.
Samuel Braley Gray,	<i>Oldtown,</i>	3 A. H.
John Adolph Greene,	<i>Coplin,</i>	6 M. H.
John Alfred Harlow,	<i>Brewer,</i>	12 W. H.
Philip Talbot Harris,	<i>East Machias,</i>	14 W. H.
Ralph Wellington Henderson	<i>Hellenbrand, Oldtown,</i>	3 A. H.
Albert Perry Holt,	<i>N. Billerica, Mass.,</i>	<i>A Δ Φ House.</i>
Harris Allen Jones,	<i>Portland,</i>	22 W. H.
Sydney Bartels Larrabee,	<i>Portland,</i>	2 M. H.
Franklin Lawrence,	<i>Portland,</i>	24 W. H.
George Libby, Jr.,	<i>Portland,</i>	27 M. H.
Farnsworth Gross Marshall,	<i>N. Bucksport,</i>	9 Cleaveland St.
Donald Edward McCormick,	<i>Boothbay Harbor,</i>	28 W. H.
Edward Folsom Merrill,	<i>Skowhegan,</i>	31 M. H.
John Lincoln Mitchell,	<i>Brunswick,</i>	16 M. H.
Edward Fairfield Moody,	<i>Portland,</i>	20 A. H.
Ernest Linwood Moore,	<i>Ellsworth,</i>	1 A. H.
Irving Wilson Nutter,	<i>Bangor,</i>	12 A. H.
Fred Sanford Palmer,	<i>S. Brewer,</i>	32 W. H.
Henry Adams Peabody,	<i>Portland,</i>	24 M. H.
James Blinn Perkins,	<i>Bath,</i>	10 W. H.
Niles Lee Perkins,	<i>Weeks Mills,</i>	10 Cleaveland St.
Moses T. Phillips,	<i>S. Brewer,</i>	32 W. H.
Grant Pierce,	<i>Fairfield Center,</i>	26 W. H.
Harold Pratt,	<i>New York, N. Y.,</i>	10 M. H.
Paul Preble,	<i>Auburn,</i>	14 M. H.
Joseph Randall Ridlon,	<i>Gorham,</i>	27 W. H.
Thomas Harrison Riley, Jr.,	<i>Brunswick,</i>	46 Pleasant St.





# ADMISSION TO THE COLLEGE.

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Candidates for admission to the Freshman Class are examined in the following subjects :

## ENGLISH.

### I. English Grammar and Composition.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1900—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; DeQuincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*.

For 1901 and 1902—Shakespeare's *Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

For 1903, 1904, and 1905—Shakespeare's *Merchant of Venice* and *Julius Cæsar*; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1900—Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.



For 1901, 1902, and 1903—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

### MATHEMATICS.

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio, proportion, and variation; the progressions; binomial theorem for positive integral exponents.

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

### LATIN.

I. PRELIMINARY LATIN. The Preliminary Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. FINAL LATIN. The Final Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through at least *four* school years. It will consist of two parts:

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

III. Outlines of Roman History and Geography.

## GREEK.

I. PRELIMINARY GREEK. The Preliminary Examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the Preliminary Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(a) The translation at sight of passages of simple Attic prose.

(b) A thorough examination on Xenophon's *Anabasis*, Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. FINAL GREEK. The Final Examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the Final Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

## III. Outlines of Greek History and Geography.

NOTE. The chief aim of the examinations in Latin and Greek, which are approved by the Commission of Colleges in New England on Admission Examinations, is to test the candidate's proficiency in Latin and Greek grammar, translation at sight, and Latin and Greek composition. It is not expected that more time or a materially larger amount of reading than formerly will be needed for such preparation. It is hoped, however, that better results may be reached through improved methods of instruction, directed to these more definite ends.

## ADMISSION WITHOUT GREEK.

Candidates who do not offer Greek for admission are required to offer, in place of it, one of the following four subjects or groups of subjects:

I. FRENCH. (1) Elements of French grammar as represented by Whitney's Grammar, Part I. (2) French prose composition as represented by Macmillan's Prose Composition, Part I, pp. 1-76. (3) Ability to read

French, to be acquired by careful study of at least 1,500 pages of modern French. (4) Ability to pronounce French and to understand it when pronounced.

II. GERMAN. (1) Elements of German grammar, including declension of such nouns as are easily classified, of adjectives and pronouns, conjugation of the weak and the more common strong verbs, use of modal auxiliaries, rules of syntax, and the order of words in the German sentence. (2) Ability to translate at sight simple prose, in preparation for which the student should read at least 400 pages of prose and 40 pages of ballads or lyrics. (3) Ability to pronounce German and to understand it when pronounced. (4) Ability to render English sentences into idiomatic German.

III. A. CHEMISTRY. (1) General chemistry as represented by Remsen's Introduction to Chemistry or Storer and Lindsay's Elementary Chemistry. (2) Elementary qualitative analysis for bases and acids. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments; and not less than one-half of the time spent upon chemistry must have been given to laboratory work. A part of the examination will consist of the analysis of a substance in the laboratory.

B. MATHEMATICS. (1) Algebra. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantities, with rational, or with not more than two irrational or imaginary roots. (2) Solid Geometry as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text. (3) Plane Trigonometry as represented by the usual text-books. Candidates must be familiar with the theory and use of six place logarithmic tables.

IV. A. PHYSICS. Physics as represented by Gage's Elements of Physics or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

B. MATHEMATICS, as in Group III.

#### DEGREES.

Students who either offer Greek for admission, or take Greek as a study in college for two consecutive years, receive the degree of A.B. Those who do not offer Greek for admission, and do not take Greek as a study in college, receive the degree of B.S. or B.L.

## ENTRANCE EXAMINATIONS.

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Friday and Saturday, June 29 and 30, 1900, and on Monday, Tuesday and Wednesday, September 17-19, 1900. At the examinations in June, attendance is required at 8 A.M. on Friday. At the examinations in September, attendance is required at 1.30 P.M. on Monday. The examinations are chiefly in writing.

EXAMINATIONS AT PREPARATORY SCHOOLS. By vote of the Faculty, printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any High School or Academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the next Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1. English; 2. Preliminary Greek; 3. Final Greek; 4. Preliminary Latin; 5. Final Latin; 6. Algebra; 7. Plane Geometry.

On each of the above subjects, except Final Latin, one paper is set. In Final Latin there are two papers (Parts I and II), the second of which includes Latin Composition and Roman History and Geography. Questions in Greek History and Geography are included in the final paper in Greek.

No papers will be sent in either French, German, Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations this year are June 15 and 16. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Registrar, must be received *not later than June 1*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.



3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be at once returned by express, C. O. D.

4. The examinations are to be conducted by the principal in conformity to a schedule of hours fixed by the College. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

The entrance examinations may, if the candidate prefers, be divided between two successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at the preliminary examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within one week after Commencement.

#### ADVANCED STANDING.

Candidates for admission to the Sophomore, Junior, and Senior classes who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second term.

#### TESTIMONIALS AND CERTIFICATES.

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of regular dismissal.

#### BOND.

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission

to college, as security for the payment of his term bills and an other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

#### SPECIAL STUDENTS.

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation, will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the College. Applications for admission as special students should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 12).

## REQUIRED STUDIES.

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The variety of subjects that may be offered for admission, and the maintenance of a distinction between candidates for the degree of A.B. and candidates for the degrees of B.S. or B.L., divide the students into nine classes or groups, which in the accompanying table (p. 29), and in the account of courses of instruction, are designated as follows :

- Class I. Candidates for the degree of A.B. who offer Greek for admission.
- Class II. Candidates for the degree of A.B. who offer German.
- Class III. Candidates for the degree of A.B. who offer French.
- Class IV. Candidates for the degree of A.B. who offer Chemistry and Mathematics.
- Class V. Candidates for the degree of A.B. who offer Physics and Mathematics.
- Class VI. Candidates for the degrees of B.S. or B.L. who offer German.
- Class VII. Candidates for the degrees of B.S. or B.L. who offer French.
- Class VIII. Candidates for the degrees of B.S. or B.L. who offer Chemistry and Mathematics.
- Class IX. Candidates for the degrees of B.S. or B.L. who offer Physics and Mathematics.

The courses required of each of the above classes are shown in the table following. In addition, a course in Physical Training is required of all students during the second term of each year, and theme writing throughout the Sophomore and the first two terms of the Junior years. All other courses are elective.

REQUIRED STUDIES

FRESHMAN YEAR.

I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.
Greek 1, 2, and 3. Latin 1, 2, and 3. French 1, 2, and 3. Mathematics 1, 2, and 3.	Greek A, B, and C. Latin 1, 2, and 3. French 1, 2, and 3. Mathematics 1, 2, and 3.	Greek A, B, and C. Latin 1, 2, and 3. Mathematics 1, 2, and 3. German 1, 2, and 3.	Greek A, B, and C. Latin 1, 2, and 3. French 1, 2, and 3. Physics 1 and 2, and Astron. 1.	Greek A, B, and C. Latin 1, 2, and 3. French 1, 2, and 3. Chemistry 1 and 2, and Miner. 1.	Latin 1, 2, and 3. French 1, 2, and 3. Mathematics 1, 2, and 3. History 1, 2, and 3.	Latin 1, 2, and 3. French 1, 2, and 3. Mathematics 1, 2, and 3. German 1, 2, and 3. History 1, 2, and 3.	Latin 1, 2, and 3. French 1, 2, and 3. German 1, 2, and 3. Physics 1 and 2, and Astron. 1. Hygiene. Elocution 1 and 2.	Latin 1, 2, and 3. French 1, 2, and 3. German 1, 2, and 3. Chemistry 1 and 2, and Miner. 1. Hygiene. Elocution 1 and 2.

SOPHOMORE YEAR.

Rhetoric 1. German 1, 2, and 3.	Rhetoric 1. Greek 1, 2, and 3.	Rhetoric 1. Greek 1, 2, and 3.	Rhetoric 1. Greek 1, 2, and 3. German 1, 2, and 3.	Rhetoric 1. Greek 1, 2, and 3. German 1, 2, and 3.	Rhetoric 1.	Rhetoric 1.	Rhetoric 1.	Rhetoric 1.
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## COURSES OF INSTRUCTION.

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### GREEK.

Professor WOODRUFF. Assistant Professor SMITH.

- A. White's First Greek Book. First term: *Mon., Tu., Th., Fri., 3.*
- B. Xenophon's Anabasis, with exercises in writing Greek. Second term: *Mon., Tu., Th., Fri., 3.*
- C. Homer. Third term: *Mon., Tu., Th., Fri., 3.*  
Courses A, B, and C are required of Freshmen, Classes II, III, IV, and V. They will be omitted in any year when there are less than three applicants.
1. Jebb's Selections from the Attic Orators, with exercises in translating into Greek. First term: *Mon., Tu., Th., Fri., 2 and 3.*
2. Selected portions of the Odyssey. Second term: *Mon., Tu., Fri., 2 and 3.*
3. The Gospel of Mark, with essays on New Testament topics. Third term: *Mon., Tu., Th., Fri., 2 and 3.*  
Courses 1, 2, and 3 are required of Freshmen, Class I, and of Sophomores, Classes II, III, IV, and V.
4. The Alcestis of Euripides, with study of the origin of the Greek drama and the construction and usages of the Greek theatre; in alternation with Herodotus. First term: *Mon., Th., 10.30; Tu., Fri., 11.30.*
5. The Antigone of Sophocles; in alternation with Thucydides or Demosthenes. Second term: *Mon., Tu., Fri., Sat., 10.30.*
6. The Frogs of Aristophanes; in alternation with Plato. Third term: *Mon., Tu., Th., Fri., 11.*  
Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3. Either course may be taken in two successive years.
7. Selected tragedies; in alternation with lyric poets. Second term: *four hours a week, at the convenience of instructor and students.*
8. Selected comedies; in alternation with Lucian. Third term: *four hours a week, at the convenience of instructor and students.*  
Courses 7 and 8 are elective for those who have taken Courses 4, 5, and 6. Either course may be taken in two successive years.
9. Teachers' Course. Designed for those who expect to teach Greek. The course includes a review of the fundamentals of Greek grammar, study of selected portions of Xenophon and Homer, and discussion of text-books and methods of teaching. Third term: *four hours a week, at the convenience of instructor and students.*  
Course 9 is elective for Seniors, and for Juniors in special cases.

## LATIN.

Professor HOUGHTON. Assistant Professor SMITH.

1. Livy: Selections from Books I, XXI, and XXII. History of the Punic wars. Latin composition. First term: *Tu., Wed., Sat.*, 8.30 and 9.30.
2. Horace: Odes and Epodes. Bender's History of Roman Literature, Biographical, historical, and mythological studies, with themes and exercises. Second term: Div. A, *Tu., Sat.*, 10.30; *Wed.*, 8.30; *Th.*, 9.30. Div. B, *Tu., Th., Sat.*, 8.30; *Wed.*, 9.30.
3. Selections from various authors in prose and verse. Sight reading. Latin composition. Third term: *Tu., Wed., Fri., Sat.*, 8 and 9.

Courses 1, 2, and 3 are required of all Freshmen. The work in composition and historical, biographical, and mythological study is conducted by Assistant Professor SMITH, who meets the students in small groups.

4. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the original. First term: *Tu., Wed., Fri., Sat.*, 10.30.
5. Roman Satire: Horace, Persius, and Juvenal. The private life of the Romans and the social conditions of the first century of the Empire. Second term: *Tu., Sat.*, 9.30; *Wed., Th.*, 10.30.
6. Cicero's Letters (Abbott). The history of the last twenty years of the Republic. Third term: *Tu., Fri.*, 10; *Wed., Sat.*, 11.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3.

- [7. Seneca: Dialogues and Moral Epistles. A considerable amount of text is covered by rapid reading, with special attention to pronunciation and to direct apprehension of the meaning without translation. About one-half of the work consists of assignments for private reading. First term.]

Omitted in 1899-1900.

- [8. Tacitus: Annals (I-VI), and Suetonius (Augustus and Tiberius). First term.]

Omitted in 1899-1900.

- [9. Lucretius. First term.]

Omitted in 1899-1900.

10. Cicero de Senectute. Latin writing. First term: *Mon.*, 2; *Fri.*, 11.30.

Courses 8, 9, and 10 are similar in scope and method to Course 7, and alternate with it. They are elective for Juniors and Seniors who have taken Courses 4, 5, and 6.

11. Teachers' Course. Designed for those who expect to teach Latin. Methods and aims of classical study. Preparatory authors treated from the teacher's point of view. Second term: *two hours a week*, at the convenience of instructor and students.

Course 11 is elective for Seniors, and for Juniors in special cases.

## FRENCH.

Professor JOHNSON.

1. Whitney's French Grammar. Modern prose writers. Writing from dictation. First term: Div. A, *Mon., Wed., Th., Sat.*, 9.30. Div. B, *Mon., Th.*, 8.30; *Wed., Sat.*, 10.30.
2. Modern prose and prose composition. Dictation. One hundred and fifty pages of outside reading. Second term: Div. A, *Mon., Wed., Fri., Sat.*, 9.30. Div. B, *Mon., Wed., Fri., Sat.*, 10.30.
3. Modern prose and prose composition. Dictation. One hundred and fifty pages of outside reading. Third term: Div. A, *Mon., Th.*, 9; *Sat.*, 10. Div. B, *Mon., Th.*, 10; *Sat.*, 9.

Courses 1, 2, and 3 are required of all students who do not offer French for admission to college.

4. Authors of the Nineteenth Century. The Romantic School: Hugo; Musset. Dictation. Grammar. *Outside Reading: Corneille, Le Cid; Molière, Tartufe, Misanthrope, Avare; Racine, Athalie, Esther.* First term: *Mon., Th.*, 11.30; *Wed., Sat.*, 8.30.
5. Authors of the Nineteenth Century. The Romantic School: Sand; Balzac; Mérimée; Gautier; Sainte-Beuve. Grammar. Dictation. *Outside Reading: LaFontaine, Fables Choises; Pascal, XIV. Provinciale; Boileau, L'Art Poétique; Bossuet, Oraison Funèbre de Henriette d'Angleterre; Montesquieu, Grandeur et Décadence des Romains; Voltaire, Zadig, Zaïre.* Dictation. Grammar. Second term: *Mon., Wed., Fri., Sat.*, 8.30.
6. Authors of the Nineteenth Century. Taine to A. France. Dictation. Grammar. *Outside Reading: B. de St. Pierre, Paul et Virginie; Chateaubriand, Extraits; Hugo, Les Misérables, Extraits, ed. Sander-son.* Third term: *Mon., Wed., Th., Sat.*, 8.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, or an equivalent.

## GERMAN.

Professor FILES. Mr. KENDALL.

1. Elementary Course. Grammar. Translation from German into English, and exercises in translating into German. First term: *Mon., Tu., Th., Fri.*, 2 and 3.
2. Elementary Course. Translation of modern German prose and reading at sight. Grammar. Prose composition. Second term: *Mon., Tu., Th., Fri.*, 11.30 and 2.
3. Elementary Course. Translation of modern German prose and poetry. Reading at sight. Prose composition. Third term: *Mon., Tu., Th., Fri.*, 2 and 3.

Courses 1, 2, and 3 are required of Freshmen, Classes III, VII, VIII and IX, and Sophomores, Classes I, IV, and V.

4. The Drama of the Classic Period. *Schiller*, *Jungfrau von Orleans*. Reading at sight. Composition. Lectures on the literature of the period. First term: *Tu., Fri., 10.30; Th., Sat., 9.30.*
5. The Drama of the Classic Period. *Goethe*, *Faust*, Part I. Reading at sight. Composition. Lectures. Second term: *Tu., Fri., 10.30; Th., Sat., 9.30.*

6. Lyrics and Ballads. *Von Klenze*, *Deutsche Gedichte*. Reading at sight. Composition. Lectures. Third term: *Tu., Fri., 10; Th., Sat., 9.*

Courses 4, 5, and 6 are elective for Juniors and Seniors, and for Sophomores, Classes III, VI, VII, VIII, and IX.

7. German Prose Composition (advanced course). Practice in writing connected discourse in German. Rapid reading of modern German novels and comedies without translation. The course is conducted in German. First term: *Mon., Th., 10.30.*
8. German Prose Composition (advanced course). Continuation of Course 7. Second term: *Wed., 4 to 6.*
9. German Prose Composition (advanced course). Essays and themes in German. Rapid reading without translation. The course is conducted in German. Third term: *Wed., 4 to 6.*

Courses 7, 8, and 9 are elective for Seniors and Juniors who have taken Courses 1, 2, and 3 (or an equivalent) and 4, 5, and 6. The class is limited to twelve. In case more than that number apply, members are chosen by rank in the preceding six courses in German.

## ENGLISH LITERATURE.

Professor CHAPMAN.

1. Literature of the Eighteenth Century. The Augustan writers. The beginning and progress of the Romantic movement. First term: *Mon., Tu., Wed., Fri., 9.30.*
2. Poets of the Nineteenth Century. Chief representatives of the poetry of the century. About one-half the time of the course is given to Wordsworth, Tennyson, and Browning. Second term: *Mon., Tu., Wed., Fri., 9.30.*
3. American Literature. Lectures, readings, and text-book. Pancoast's *Introduction to American Literature*. Third term: *Mon., Tu., Wed., Fri., 9.*

Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Juniors and Seniors.

4. Early English Literature to the Fifteenth Century. Lectures, with special study of *Beowulf*, *The Vision of Piers Plowman*, and select portions of Chaucer. First term: *Mon., Tu., Th., Fri., 2.*
5. Literature of the Elizabethan period (1500 to 1625). Lectures and readings. Special study of the plays of Shakespeare discussed in Moulton's *Shakespeare as a Dramatic Artist*. Second term: *Mon., Tu., Th., Fri., 2.*



6. Literature of the Rebellion and Restoration periods (1625 to 1700). Lectures and readings, with particular attention to the prose of Bunyan, Brown, Walton, Taylor, and Milton, and the verse of Milton and Dryden. Third term: *Mon., Tu., Th., Fri., 2.*

Courses 4, 5, and 6 form a consecutive course throughout the year, but either course may be taken without the others. They are elective for Seniors.

### RHETORIC AND ORATORY.

Professor MITCHELL.

#### ELOCUTION.

1. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by both students and instructor. Second term: Div. E, *Fri.*, 8.30; Div. D, *Fri.*, 10.30; Div. C, *Th.*, 2; Div. F, *Th.*, 3.
2. Declamations, previously rehearsed to the instructor, spoken before the class. Third term: Div. A, *Wed.*, 8; Div. B, *Wed.*, 9.

Courses 1 and 2 are required of all Freshmen.

#### RHETORIC.

1. Rhetoric. Genung's Practical Rhetoric; rhetorical analysis of pieces of good literature, and criticism of short themes written in the classroom. First term: *Mon., Wed., Th., Sat.*, 9.30 and 10.30.

Course 1 is required of all Sophomores.

Themes. Four themes of not less than four hundred words each are required of all Sophomores and Juniors during each of the first two terms, and three themes of all Sophomores during the third term. Subjects for themes are posted two weeks or more before the themes are due. Every theme is carefully read, the mistakes are marked, and a general criticism is written on the outside. The instructor then meets each student, hears him read his theme, points out the faults and merits of his writing, and suggests lines of profitable reading.

#### LOGIC.

1. Jevons's Lessons in Logic. Practice in debating. Second term: *Mon., Th.*, 9.30 and 10.30; *Wed., Sat.*, 10.30 and 11.30.  
Elective for Sophomores, Juniors, and Seniors.

#### PHILOSOPHY.

President HYDE.

1. Psychology, and Introduction to Philosophy. James's Psychology; Rogers's Introduction to Modern Philosophy. First term: *Tu., Wed., Th., Fri.*, 8.30.
2. History of Philosophy. Weber's History of Philosophy; exposition of Plato's Republic; selections from Descartes, Locke, and Berkeley. Second term: *Tu., Wed., Th., Fri.*, 8.30.

3. **Ethics.** Mackenzie's Manual; examination of Mill's Utilitarianism and Spencer's Data of Ethics. Third term: *Tu., Wed., Th., Fri.*, 8. Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Seniors.

### HISTORY AND GOVERNMENT.

Professor MACDONALD.

#### HISTORY.

1. History of England, to 1509. Gardiner's Student's History of England, Vol. I. First term: *Mon., Tu., Th., Fri.*, 2.
2. History of England, 1509-1689. Gardiner's Student's History, Vol. II. Second term: *Mon., Tu., Th., Fri.*, 2.
3. History of England, 1689-1874. Gardiner's Student's History, Vol. III. Third term: *Mon., Tu., Th., Fri.*, 2.

Courses 1, 2, and 3 form a consecutive course throughout the year. Course 2 must be preceded by Course 1, and Course 3 by Courses 1 and 2. They are elective for Sophomores, Juniors, and Seniors, but cannot be taken by those who are taking Courses 4, 5, and 6. They are required of Freshmen, Classes VI and VII.

4. American History, to 1789. Thwaites's The Colonies. First term: *Mon., Tu., Wed., Fri.*, 11.30.
5. History of the United States, 1789-1829. Hart's Formation of the Union. Second term: *Mon., Tu., Wed., Fri.*, 11.30.
6. History of the United States, 1829-1876. Johnston's American Politics. Third term: *Mon., Tu., Wed., Fri.*, 11.

Courses 4, 5, and 6 form a consecutive course throughout the year. Course 5 must be preceded by Course 4, and Course 6 by Courses 4 and 5. They are elective for Juniors and Seniors, and for Sophomores, Classes VI and VII, but cannot be taken by those who are taking Courses 1, 2, and 3.

#### GOVERNMENT.

1. American Government. Bryce's American Commonwealth, Vol. 1. Second term: *Mon., Wed.*, 10.30; *Th.*, 11.30; *Fri.*, 9.30.
2. Constitutional Law. Cooley's Principles of Constitutional Law. Third term: *Mon., Wed.*, 10; *Th.*, 11; *Fri.*, 9.

Courses 1 and 2 are elective for Seniors. Course 2 must ordinarily be preceded by Course 1.

### ECONOMICS AND SOCIOLOGY.

Professor EMERY.

1. Elements of Economic Theory. Walker's Political Economy. First term: *Tu., Th., Fri., Sat.*, 8.30.  
Elective for Juniors and Seniors.
2. Money, Banking, and the Methods of Exchange. Text-books and lectures. Second term: *Tu., Th., Fri., Sat.*, 8.30.

3. Taxation. Text-book and lectures. Third term: *Tu., Th., Fri., Sat.*, 8<sup>•</sup>  
Courses 2 and 3 are elective for those who have taken Course 1.
4. Outlines of Economic History and the development of Economic Theory, with special reference to Socialism. Text-books and lectures. First term: *Tu., Wed., Th.*, 9.30; *Sat.*, 10.30.  
Elective for Seniors who have taken Course 1.
5. Problems of the combinations of Labor and of Capital. Text-books and lectures. Second term: *Tu., Wed., Th.*, 9.30; *Sat.*, 10.30.  
Elective for Seniors who have taken Course 4.
6. Sociology. The Growth of Social Institutions. Third term: *Tu., Wed., Th.*, 9; *Sat.*, 10.  
Elective for Seniors.

### MATHEMATICS.

Professor MOODY.

1. Algebra. A review of selected portions of the preparatory algebra, followed by a study of series and limits, indeterminate equations, undetermined coefficients, binomial theorem, and higher equations. Study of logarithms with applications drawn from plane geometry. First term: *Mon., Tu., Th., Fri.*, 8.30 and 9.30.
  2. Geometry and Trigonometry. Solid geometry with mensuration and original theorems. Plane trigonometry through the solution of right triangles. Second term: *Mon., Tu., Th., Fri.*, 8.30 and 10.30.
  3. Trigonometry. Demonstration of fundamental formulas and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles with problems and applications. Third term: *Mon., Tu., Th., Fri.*, 8 and 9.  
Courses 1, 2, and 3 are required of all Freshmen except Classes IV, V, VIII, and IX. Brief optional courses are given each term respectively, in advanced algebra, mensuration or elementary modern geometry, and surveying.
  4. Spherical Trigonometry and Analytic Geometry. A summary of spherical trigonometry through the solution of oblique triangles, and the completion of Wentworth's Plane Analytic Geometry. First term: *Mon., Th.*, 10.30; *Tu., Fri.*, 11.30.
  5. Differential Calculus. Byerly's text-book, with additional work in curve tracing and solid analytic geometry. Second term: *Mon., Tu., Fri., Sat.*, 10.30.
  6. Calculus. Text-book completed and work extended to include double and triple integrals for surfaces and volumes. Third term: *Mon., Tu., Th., Fri.*, 11.  
Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, and for Freshmen, Classes IV, V, VIII, and IX.
- [7, 8, and 9. Integral Calculus and Elliptic Functions. Byerly's Integral Calculus, with lectures and collateral reading.]  
Omitted in 1899-1900.
- 10, 11, and 12. Modern Pure Geometry, *first half year*; Modern Methods in Analytics, *second half year*. Lachlan's Modern Geometry and Salmon's Conic Sections. The hours are at the convenience of instructor and students.

Courses 10, 11, and 12 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8, and 9. They are elective for those who have taken Courses 1 to 6, inclusive.

## PHYSICS AND ASTRONOMY.

Mr. BURBANK.

## PHYSICS.

1. Mechanics and Heat. Ames's Theory of Physics, and laboratory work. First term: *Mon., Th., 8.30; Tu., Fri., 8.30 to 10.30.*
2. Light and Electricity. Ames's Theory of Physics, and laboratory work. Second term: *Tu., Th., 8.30; Wed., Fri., 8.30 to 10.30.*

Courses 1 and 2 are elective for Sophomores, Juniors, and Seniors. They are required of Freshmen, Classes IV and VIII.

3. Electricity and Magnetism. Lectures and laboratory work. First term: *Mon., Tu., Th., Fri., 2 to 4.*
4. Electricity and Magnetism. Lectures and laboratory work. Second term: *Mon., Tu., Th., Fri., 2 to 4.*

Courses 3 and 4 are elective for those who have taken Courses 1 and 2, or an equivalent, and Mathematics 1 to 6, inclusive.

- 5, 6, and 7. Advanced work in Electricity and Magnetism. Lectures and laboratory work. *Four hours a week* throughout the year, at the convenience of instructor and students.

Courses 5, 6, and 7 are elective for those who have taken Courses 1 to 4, inclusive.

## ASTRONOMY.

1. Astronomy. Young's Elements of Astronomy. Third term: *Mon., Th., 9; Tu., Fri., 8.*  
Elective for Sophomores, Juniors, and Seniors. Required of Freshmen, Classes IV and VIII.
2. Practical Astronomy. Third term: *Mon., Tu., Th., Fri., 2 to 4.*  
Elective for those who have taken Course I, and Physics 3 and 4.

## CHEMISTRY AND MINERALOGY.

Professor ROBINSON.

## CHEMISTRY.

1. General Chemistry. Lectures and laboratory work. The occurrence, preparation, and properties of the common elements; combustion, oxidation, distillation, solution, and crystallization. First term: *Mon., Wed., 10.30; Th., Sat., 10.30 to 12.30.*

Elective for Juniors and Seniors. Required of Freshmen, Classes V and IX.

2. General Chemistry, including a few exercises in organic chemistry. Preparation of compounds; quantitative relations; the atomic theory. Second term: *Mon., Wed., 10.30; Th., Sat., 10.30 to 12.30.*

Elective for those who have taken Course 1, or its equivalent. Required of Freshmen, Classes V and IX.



3. Qualitative Analysis. Laboratory work in systematic analysis for common metals and acids. First term: *Mon., Tu., Th., Fri.*, 3.  
Elective for those who have taken Courses 1 and 2, and for Freshmen, Class VIII, who are qualified.
4. Quantitative Analysis. The principles of all kinds of quantitative analysis. Typical analyses. General organic chemistry. Second term: *Mon., Tu., Th., Fri.*, 3.  
Elective for those who have taken Courses 1, 2, and 3.
5. Organic Chemistry. Sugars, starches, alkaloids, etc. The principles of physiological chemistry for those intending to study medicine. Third term: *Mon., Tu., Th., Fri.*, 3.  
Elective for those who have taken enough of the preceding courses to be qualified.

## MINERALOGY.

1. Descriptive Mineralogy. Common minerals, and methods of knowing them. Third term: *Mon., Wed.*, 10; *Th., Sat.*, 10 to 12.  
Elective for those who have taken Chemistry 1, and for other qualified Juniors and Seniors. Required of Freshmen, Classes V and IX.
2. Determinative Mineralogy and Metallurgy. Mineralogy of the useful metals and their ores. Third term: *Mon., Tu., Th., Fri.*, 4.  
Elective for those who have taken Course 1.

## BIOLOGY AND GEOLOGY.

Professor LEE.

## BIOLOGY.

1. Botany. Clarke's Practical Botany. Third term: Div. A, *Mon., Th.*, 10; *Wed., Sat.*, 10.30. Div. B, *Mon., Th.*, 11; *Wed., Sat.*, 9.  
Elective for Sophomores, Juniors, and Seniors.
2. Zoölogy. Thomson's Outlines of Zoölogy. First term: *Mon., Tu., Th., Fr.*, 2 to 4.  
Elective for Juniors and Seniors, and Sophomores, Class VI.
3. Zoölogy. Thomson's Outlines of Zoölogy. Second term: *Mon., Tu., Th., Fri.*, 2 to 4.  
Elective for those who have taken Course 2.
4. Physiology. Huxley's Physiology. Third term: *Mon., Tu., Th., Fri.*, 2 to 4.  
Elective for those who have taken Courses 2 and 3. Courses 2, 3, and 4 form a continuous course in Biology, from single-celled organisms to man.
5. Anatomy. Wiedersheim's Comparative Anatomy of Vertebrates. First term: *Mon., Sat.*, 8.30 to 10.30; *Tu., Fri.*, 10.30 to 12.30.  
Elective for Juniors and Seniors who have taken Courses 2, 3, and 4.
6. Anatomy. Wiedersheim's Comparative Anatomy. Second term: *Mon., Sat.*, 8.30 to 10.30; *Tu., Fri.*, 10.30 to 12.30.  
Elective for those who have taken Course 5.

7. Anatomy. Wiedersheim's Comparative Anatomy. Third term: *Mon., Sat.*, 8 to 10; *Tu., Fri.*, 10 to 12.

Elective for those who have taken Courses 5 and 6.

Courses 5, 6, and 7 include laboratory work in Comparative Anatomy, Histology, and Physiology, preparatory to the study of medicine.

#### GEOLOGY.

1. Geology. Scott's Introduction to Geology. First term: *Mon., Wed., Th., Sat.*, 11.30.

Elective for Juniors and Seniors.

#### HYGIENE AND PHYSICAL TRAINING.

Dr. WHITTIER.

##### HYGIENE.

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First term: *Fri.*, 10.30.

Required of Freshmen.

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

##### PHYSICAL TRAINING.

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): in-door athletics, chest weights, and heavy gymnastics. Second term: *Mon., Tu., Th., Fri.*, 11.30.

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: in-door athletics and wrestling. Second term: *Mon., Tu., Th., Fri.*, 3.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and with broadswords. Squad exercise: in-door athletics. Second term: *Mon., Tu., Th., Fri.*, 4.

Required of Juniors.

4. Class exercise: fencing with foils. Squad exercise: in-door athletics. Second term: *Mon., Tu., Th., Fri.*, 5.

Required of Seniors.

#### DRAWING.

Mr. CURRIER.

Practical Instruction in Drawing. *Wed.* throughout the year, at the convenience of instructor and students.

Optional for all students, but not counted for a degree.

## TABULAR VIEW—FIRST TERM.

	8.30	9.30	10.30	11.30	2.00	3.00	4.00
MONDAY	Biology 5. French 1 B. Mathematics 1A. Physics 1.	Biology 5. English Lit. 1. French 1 A. Mathematics 1B. Rhetoric 1 A.	Chemistry 1. German 7. Greek 4. Mathematics 4. Rhetoric 1 B.	French 4. Geology 1. History 4.	Biology 2. English Lit. 4. German 1 D. Greek 1 A. History 1. Latin 10. Physics 3.	Biology 2. Chemistry 3. German 1 C. Greek A. Greek 1 B. Physics 3.	
TUESDAY	Economics 1. Latin 1 B. Mathematics 1A Philosophy 1. Physics 1.	Economics 4. English Lit. 1. Latin 1 A. Mathematics 1B. Physics 1.	Biology 5. German 4. Latin 4.	Biology 5. Greek 4. History 4. Mathematics 4.	Biology 2. English Lit. 4. German 1 D. Greek 1 A. History 1. Physics 3.	Biology 2. Chemistry 3. German 1 C. Greek A. Greek 1 B. Physics 3.	
WEDNESDAY	Drawing. French 4. Latin 1 A. Philosophy 1.	Drawing. Economics 4. English Lit. 1. French 1 A. Latin 1 B. Rhetoric 1 A.	Chemistry 1. Drawing. French 1 B. Latin 4. Rhetoric 1 B.	Drawing. Geology 1. History 4.	Drawing.	Drawing.	Drawing.
THURSDAY	Economics 1. French 1 B. Mathematics 1A. Philosophy 1. Physics 1.	Economics 4. French 1 A. German 4. Mathematics 1 B. Rhetoric 1 A.	Chemistry 1. German 7. Greek 4. Mathematics 4. Rhetoric 1 B.	Chemistry 1. French 4. Geology 1.	Biology 2. English Lit. 4. German 1 D. Greek 1 A. History 1. Physics 3.	Biology 2. Chemistry 3. German 1 C. Greek A. Greek 1 B. Physics 3.	
FRIDAY	Economics 1. Mathematics 1A. Philosophy 1. Physics 1.	English Lit. 1. Mathematics 1B. Physics 1.	Biology 5. German 4. Hygiene. Latin 4.	Biology 5. Greek 4. History 4. Latin 10. Mathematics 4.	Biology 2. English Lit. 4. German 1 D. Greek 1 A. History 1. Physics 3.	Biology 2. Chemistry 3. German 1 C. Greek A. Greek 1 B. Physics 3.	
SATURDAY	Biology 5. Economics 1. French 4. Latin 1 A.	Biology 5. French 1 A. German 4. Latin 1 B. Rhetoric 1 A.	Chemistry 1. Economics 4. French 1 B. Latin 4. Rhetoric 1 B.	Chemistry 1. Geology 1.			

TABULAR VIEW—SECOND TERM.

TABULAR VIEW

	8.30	9.30	10.30	11.30	2.00	3.00	4.00	5.00
MONDAY	Biology 6. French 5. Mathematics 2A.	Biology 6. English Lit. 2. French 2 A. Logic A. Mathematics 2B.	Chemistry 2. French 2 B. Government 1. Greek 5. Logic B. Mathematics 5.	German 2 C. History 5. Physical Tr. 1.	Biology 3. English Lit. 5. German 2 D. Greek 2 A. History 2. Physics 4.	Biology 3. Chemistry 4. Greek B. Greek 2 B. Physical Tr. 2. Physics 4.	Physical Tr. 3.	Physical Tr. 4.
TUESDAY	Economics 2. Latin 2 B. Mathematics 2A. Philosophy 2. Physics 2.	Economics 5. English Lit. 2. Latin 5. Mathematics 2B.	Biology 6. German 5. Greek 5. Latin 2 A. Mathematics 5.	Biology 6. German 2 C. History 5. Physical Tr. 1.	Biology 3. English Lit. 5. German 2 D. Greek B. Greek 2 A. History 2. Physics 4.	Biology 3. Chemistry 4. Greek B. Greek 2 B. Physical Tr. 2. Physics 4.	Physical Tr. 3.	Physical Tr. 4.
WEDNESDAY	Drawing. French 5. Latin 2 A. Philosophy 2. Physics 2 C.	Economics 5. English Lit. 2. Drawing. French 2 A. Latin 2 B. Physics 2 D.	Chemistry 2. Drawing. French 2 B. Government 1. Latin 5. Logic B.	Drawing. History 5. Logic A.	Drawing.	Drawing.	Drawing. German 8.	
THURSDAY	Economics 2. Latin 2 B. Mathematics 2A. Philosophy 2. Physics 2.	Economics 5. German 5. Latin 2 A. Logic A. Mathematics 2B.	Chemistry 2. Latin 5. Logic B.	Chemistry 2. German 2 C. Government 1. Physical Tr. 1.	Biology 3. English Lit. 5. Elocution 1 C. German 2 D. History 2. Physics 4.	Biology 3. Chemistry 4. Elocution 1 F. Greek B. Physical Tr. 2. Physics 4.	Physical Tr. 3.	Physical Tr. 4.
FRIDAY	Economics 2. Elocution 1 E. French 5. Mathematics 2A. Philosophy 2. Physics 2 C.	English Lit. 2. French 2 A. Government 1. Mathematics 2B. Physics 2 D.	Biology 6. Elocution 1 D. French 2 B. German 5. Greek 5. Mathematics 5.	Biology 6. German 2 C. History 5. Physical Tr. 1.	Biology 3. English Lit. 5. Greek 2 A. German 2 D. History 2. Physics 4.	Biology 3. Chemistry 4. Greek B. Greek 2 B. Physical Tr. 2. Physics 4.	Physical Tr. 3.	Physical Tr. 4.
SATURDAY	Biology 6. Economics 2. French 5. Latin 2 B.	Biology 6. French 2 A. German 5. Latin 5.	Chemistry 2. Economics 5. French 2 B. Greek 5. Latin 2 A. Logic B. Mathematics 5.	Chemistry 2. Logic A.				



## TABULAR VIEW—THIRD TERM.

	8.00	9.00	10.00	11.00	2.00	3.00	4.00
MONDAY	Biology 7. French 6. Mathematics 3A.	Astronomy 1. Biology 7. English Lit. 3. French 3 A. Mathematics 3B.	Biology 1 A. French 3 B. Government 2. Mineralogy 1.	Biology 1 B. Greek 6. History 6. Mathematics 6.	Astronomy 2. Biology 4. English Lit. 6. German 3 D. Greek 3 A. History 3.	Astronomy 2. Biology 4. Chemistry 5. German 3 C. Greek 3 B. Greek C.	Mineralogy 2.
TUESDAY	Astronomy 1. Economics 3. Latin 3 B. Mathematics 3A. Philosophy 3.	Economics 6. English Lit. 3. Latin 3 A. Mathematics 3B.	Biology 7. German 6. Latin 6.	Biology 7. Greek 6. History 6. Mathematics 6.	Astronomy 2. Biology 4. English Lit. 6. German 3 D. Greek 3 A. History 3.	Astronomy 2. Biology 4. Chemistry 5. German 3 C. Greek 3 B. Greek C.	Mineralogy 2.
WEDNESDAY	Drawing. Elocution 2 A. French 6. Latin 3 B. Philosophy 3.	Biology 1 B. Drawing. Economics 6. Elocution 2 B. English Lit. 3. Latin 3 A.	Biology 1 A. Drawing. Government 2. Mineralogy 1.	Biology 1 A. Drawing. History 6. Latin 6.	Drawing.	Drawing.	Drawing. German 9.
THURSDAY	Economics 3. French 6. Mathematics 3A. Philosophy 3.	Astronomy 1. Economics 6. French 3 A. German 6. Mathematics 3B.	Biology 1 A. French 3 B. Mineralogy 1.	Biology 1 B. Government 2. Greek 6. Mathematics 6. Mineralogy 1.	Astronomy 2. Biology 4. English Lit. 6. German 3 D. Greek 3 A. History 3.	Astronomy 2. Biology 4. Chemistry 5. German 3 C. Greek 3 B. Greek C.	Mineralogy 2.
FRIDAY	Astronomy 1. Economics 3. Latin 3 B. Mathematics 3A. Philosophy 3.	English Lit. 3. Government 2. Latin 3 A. Mathematics 3B.	Biology 7. German 6. Latin 6.	Biology 7. Greek 6. History 6. Mathematics 6.	Astronomy 2. Biology 4. English Lit. 6. German 3 D. Greek 3 A. History 3.	Astronomy 2. Biology 4. Chemistry 5. German 3 C. Greek 3 B. Greek C.	Mineralogy 2.
SATURDAY	Biology 7. Economics 3. French 6. Latin 3 B.	Biology 1 B. Biology 7. French 3 B. German 6. Latin 3 A.	Biology 1 A. Economics 6. French 3 A. Mineralogy 1.	Biology 1 B. Latin 6. Mineralogy 1.			

# ADMINISTRATION OF THE COLLEGE.

## GOVERNMENT.

In all matters pertaining to the good order of the College, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows: each of the four classes elects one member; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the College elects one member; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offenses committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

The following are the members of the Jury for 1899-1900:

JAMES FREDERICK KNIGHT, FOREMAN.

JOHN RUSSELL BASS, SECRETARY.

JAMES PLAISTED WEBBER,	JOHN HUDSON SINKINSON,
HARRY ANNESLEY BEADLE,	GEORGE FLAVIUS GOODSPEED,
PERCY ANDRUS BABB,	CHARLES EUGENE HILL BEANE,
ERNEST THOMAS SMITH,	PERCY CLIFFORD GILES,
MALCOLM SUMNER WOODBURY,	FREDERICK CROSBY LEE.

## RELIGIOUS EXERCISES.

All students are required to attend devotional exercises, consisting of the reading of Scripture, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also required to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are

held on Thursday evenings, and other meetings on Sunday, to which all members of the College are cordially invited.

#### TERMS AND VACATIONS.

The Academic Year is divided into three terms, a Fall term of fourteen weeks, a Winter term of thirteen weeks, and a Spring term of ten weeks. The holiday vacation of two weeks follows the first term, the Spring recess of a week follows the second term, and the Summer vacation of eleven weeks follows Commencement week. Each term begins on a Tuesday morning and ends on a Friday afternoon. Commencement Day is the fourth Thursday of June.

#### RANK.

The rank of a student in each course is determined by a combination of marks given (1) for attendance at required exercises, and (2) for quality of work done. Attendance rank is averaged on a scale of *six*. Credit for work performed is averaged on a scale of *ten*. This method of computation permits a maximum average term rank of *eight*. It is this rank that is made the basis of awards and conditions.

#### ELECTIVES.

Regular students are required to take four full courses each term, in addition to the required work in Elocution, Themes, Hygiene, and Physical Training. Special students are required to take three full courses each term. No student is allowed to elect courses involving a conflict of hours.

#### ABSENCES.

In case a student, for any reason, wishes to be absent from College for one week or longer, he is required to obtain previous permission from the Faculty, when possible. If it be impossible to make petition before leaving, the Faculty should be notified as early as possible, through the Class Officer.

An absence of less than one week cannot be approved simply on the ground that it is necessary. In general, such an absence will be approved only when employed for the purpose of voting, or on account of family bereavement, or in case of a duly accredited representative of some general College interest.



## DEGREE OF MASTER OF ARTS.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the Bachelor's degree, complete an approved course of advanced study equivalent to one year's graduate work, and pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than April 1 in the year in which the candidate presents himself for examination.

## MEDICAL ATTENDANCE.

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in College.

## COLLEGE BUILDINGS.

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The College buildings, eleven in number, are grouped upon a spacious campus of forty acres, situated a mile south of the falls of the Androscoggin and within five minutes' walk of the railroad station at Brunswick. They are connected with the water and sewerage systems of the town.

### MARY FRANCES SEARLES SCIENCE BUILDING.

Instruction in the various branches of natural science is given in the Mary Frances Searles Science Building. The building contains lecture rooms and laboratories of ample size, fitted with all the conveniences which experience has shown to be desirable.

The building is on the western side of the campus, north of the Walker Art Building. Its general plan is a main building about one hundred and eighty feet long and forty-five feet wide, with two wings, each about sixty feet long and forty-five feet wide, projecting from the western side of each end. It is three stories in height, with a high, well-lighted basement. The general style of architecture is Elizabethan. The exterior is of Perth Amboy brick, trimmed with Ohio stone. There is very little lath and plaster in the building, and in general little wood is used in its construction. It is thus practically fire-proof. The building is heated, lighted, and ventilated in the most perfect manner.

### WALKER ART BUILDING.

By the will of the Hon. JAMES BOWDOIN, the College in 1811 came into possession of his collection, made in Europe, of about one hundred paintings and one hundred and fifty original drawings by old and modern masters. To these paintings have since been added the collection of Col. GEORGE W. BOYD, of the Class of 1810, and many other valuable gifts. They are exhibited in the Walker Art Building.

This building, erected by the Misses Walker of Waltham, Mass., as a memorial of their uncle, the late THEOPHILUS WHEELER

WALKER, was dedicated June 7, 1894. It was designed by Messrs McKim, Mead and White, of New York. It is rectangular in form, one hundred feet in length by seventy-three in width, and is located on the front of the campus, facing Appleton Hall. The height from the grade line to the cornice is thirty-three feet. The central portion of the structure is surmounted by a dome covered with copper, the top of which is fifty-three feet from the ground. The materials used are Freeport granite, for the base-course; Indiana limestone, for the middle portion of the façade, the pedestals, quoins, and architraves; and selected brick of a dark color for the remainder of the walls.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six carved Ionic columns of limestone. In the wall over these, and upon either side of the central arch, is a circular niche. Niches, also, are located at the ends of the loggia for statuary. In the rear of the loggia, and occupying the central portion of the building, is the Sculpture Hall, twenty-nine by forty-two feet. The floor is composed of brick and stone laid in pattern. The four tympana under the dome, each twenty-six feet in width, are filled with four paintings, symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John LaFarge, Elihu Vedder, Abbott Thayer, and Kenyon Cox respectively. Light is admitted through a skylight at the top of the dome, forty-seven feet above the floor.

Leading from the Sculpture Hall are the various galleries. At the left, occupying the entire wing upon that side and containing the Boyd paintings and others of later acquisition, the fine and extensive collection of Japanese and Chinese works of art, loaned to the College by Professor W. A. Houghton, and the Virginia Dox collection of rare and valuable objects of native American art, is the Boyd Gallery, twenty-five by fifty feet. At the right is the Bowdoin Gallery, which is of the same size, and contains the James Bowdoin paintings and drawings, the nucleus of the College collections. At the rear of the hall is the Sophia Wheeler Walker Gallery, twenty by forty feet. This room contains choice specimens of ancient glass, Roman sculpture, old Flemish tapestry, oriental ivory carvings, modern paintings by artists of the foremost rank, and the bronze relief portrait of Theophilus W. Walker,

by French, all given by the Misses Walker. All the galleries are finished throughout in oak. The walls and ceilings are of plaster. Ample light is received from above through large sky-lights. In the basement are the lecture hall, the Assyrian sculpture room, curator's and students' rooms, beside the boiler-room, lavatory, and coal cellars. The basement is finished in ash.

The building is entirely fire-proof, lighted throughout by electricity, heated by indirect steam, and provided with a thorough system of ventilation. It is open about four hours daily.

#### CLEVELAND CABINET.

The upper portion of Massachusetts Hall, converted into a Cabinet of Natural History through the liberality of the late PELEG WHITMAN CHANDLER of Boston, of the Class of 1834, and named the *Cleveland Cabinet*, in memory of Professor PARKER CLEVELAND, contains the various collections illustrating Natural History which belong to the College. These collections, to some of which accessions are constantly made, comprise the museum of the first geological survey of Maine; the Cleveland and Haüy collections of minerals; the mineralogical and geological collections of the late Mrs. FREDERICK ALLEN, of Gardiner, Me.; the Caleb Strong Whitman collection of minerals; the Shattuck conchological collection; the Storer conchological collection; the Cushman ornithological collection; the Fish collection of *Lepidoptera*; and the Blake and Cleveland herbariums.

#### THE OBSERVATORY.

The Astronomical Observatory, for which the College is mainly indebted to the late JOHN J. TAYLOR of Fairbury, Ill., is well adapted for purposes of instruction. It is supplied with a six-inch telescope, and a transit instrument with the usual accessories for meridian observations.

#### THE ATHLETIC FIELD.

The Athletic Field, recently completed, is conveniently situated at a short distance from the Sargent Gymnasium. The field is five acres in extent, and is well adapted for base-ball, foot-ball, and track athletics.

## THE LIBRARY.

The College Library occupies Banister Hall, in the east end of the Chapel, and the two wings adjacent. It contains sixty thousand volumes. A rapidly increasing proportion of these have been purchased to aid instruction by supplying both teachers and students with the latest books and leading periodicals in the various departments of the curriculum. Attention is also directed towards the building up of a complete and attractive library of general reference, in which the literature of the day is given its proper place, and which shall serve as an active agent in the attainment of liberal culture.

A minute classification and arrangement of the books by subjects has been made, and free access to the shelves is granted to all. The Librarian and his assistants are always ready to lend personal aid to inquirers. During term time the library is open ten hours every day except Sunday. Students are allowed to borrow three books at a time, and retain them, if needed, four weeks. The privileges of the library are extended, as a matter of course, to all graduates and the clergymen of the vicinity, and also to any person on recommendation of the Library Committee.

Annual accessions, which have averaged of late two thousand volumes, are made to the library by an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Capt. John Patten.



## COLLEGE EXPENSES.

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Term bills, containing college charges, are mailed to the parent or guardian of each student at the close of each term, and become payable at once. No degrees are conferred upon students who have not paid their dues to the College.

The following table exhibits three scales of annual expenditure, omitting clothing, washing, travelling expenses, and board during the vacations :

	Lowest.	Average.	Liberal.
Tuition, . . . . .	\$75.00	\$75.00	\$75.00
Incidental college charges, . . . . .	8.00	15.00	25.00
Room rent (two persons sharing one room),	25.00	35.00	45.00
Heating and lighting, “ . . . . .	15.00	25.00	30.00
Furniture, “ . . . . .	10.00	15.00	25.00
Board, thirty-six weeks, . . . . .	108.00	135.00	180.00
Books and stationery, . . . . .	11.00	20.00	40.00
Class dues, societies, subscriptions, etc., .	8.00	20.00	40.00
	\$260.00	\$340.00	\$460.00

The rent of college rooms in Appleton, Maine, and Winthrop Halls, including heat, is as follows :

Rooms on first and third floors, . . . . .	\$102.00
Rooms on second floor, . . . . .	108.00
Rooms on fourth floor, . . . . .	72.00

Except Nos. 1, 17, and 18 Winthrop Hall, which rent for \$96, and No. 4, which rents for \$120.



## SCHOLARSHIPS AND PRIZES.

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The income of One Hundred Thousand Dollars is devoted to scholarships in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the College. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

*Brown Memorial Scholarships.*—A fund for the support of four scholarships in Bowdoin College, given by the late Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

*Smyth Scholarship.*—A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of the late Professor WILLIAM SMYTH. The income at six per cent. is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the scholarship for the remainder of the time.

*Shepley Scholarship.*—A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

*Mary L. Savage Memorial Scholarship.*—A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

*Benjamin Delano Scholarship.*—A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

*And Emerson Scholarships.*—A fund amounting at present to \$6,600, given by the late AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

*Stephen Sewall Scholarship.*—A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

*John C. Dodge Scholarship.*—A fund of \$1,000, given by the late Hon. JOHN C. DODGE, LL.D.

*Alfred Johnson Scholarships.*—Three scholarships of \$1,000 each, founded by ALFRED JOHNSON of Belfast, in memory of his grandfather, REV. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

*William Sewall Scholarship.*—A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

*Mary Cleaves Scholarships.*—Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

*Cram Memorial Scholarship.*—A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

*James Means Scholarship.*—A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

*Charles Dummer Scholarships.*—A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

*W. W. Thomas Scholarships.*—Six scholarships of \$1,000 each, founded by the late Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

*Buxton Scholarship.*—A fund at present amounting to \$2,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

*Pierce Scholarship.*—A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

*Blake Memorial Scholarships.*—A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

*Huldah Whitmore Scholarships.*—Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

*Nathaniel McLellan Whitmore Scholarship and George Sidney Whitmore Scholarship.*—Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

*George Franklin Bourne Scholarship.*—A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

*Lockwood Scholarship.*—A scholarship of \$1,000, established in memory of Hon. AMOS DEFOREST LOCKWOOD, a former treasurer of the College.

*William Little Gerrish Scholarship.*—A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

*Lawrence Scholarships.*—A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass.

*G. W. Field Scholarships.*—Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837, the income of which is to go to students or graduates of the Bangor Theological Seminary who become students of the College.

*Justus Charles Fund.*—A fund of \$8,000, established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

*Moses R. Ludwig Scholarship and Albert F. Thomas Scholarship.*—Founded by Mrs. HANNAH C. LUDWIG of Thomaston. (These two scholarships are not at present available.)

*Joseph N. Fiske Scholarship.*—A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE of Boston, in memory of her husband.

*Crosby Stewart Noyes Scholarships.*—Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

*Henry T. Cheever Scholarship.*—A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

#### PRIZES.

*English Composition Prizes.*—The sum of Thirty Dollars is annually given in prizes to members of the Senior Class for excellence in English Composition.

*Junior Declamation Prizes.*—Prizes amounting to Thirty Dollars are given to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

*Sewall Premium.*—Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in oratory at their annual Prize Declamation.

*Brown Composition Prizes.*—Two prizes, one of Thirty Dollars and one of Twenty Dollars, given in memory of the late PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in extemporaneous English Composition.



*Sewall Greek Prize.*—A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

*Sewall Latin Prize.*—A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

*Goodwin Commencement Prize.*—A prize of Fifty Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

*Class of 1868 Prize.*—A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

*Pray English Prize.*—A prize of Fifty Dollars, given by the late Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

*Goodwin French Prize.*—A prize of Twenty-five Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

*Noyes Political Economy Prize.*—This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.



# APPOINTMENTS AND AWARDS.

## COMMENCEMENT APPOINTMENTS, 1899.

Edward Blanchard Chamberlain,

Francis Wayland Briggs,  
Harold Fessenden Dana,  
Edwin Samuel Hadlock,  
Drew Bert Hall,  
Alton Amaziah Hayden,  
Edgar Alonzo Kaharl,  
Fred Raymond Marsh,  
Willis Bean Moulton,

Arthur Huntington Nason,  
Sumner Chadbourne Pattee,  
Samuel Topliff,  
Everett Wilmot Varney,  
Hanson Hart Webster,  
Jacob Ernest Wignott,  
Carl Vose Woodbury.

Lincoln Lewis Cleaves,  
Frederick Arthur Fogg,  
Leon Brooks Leavitt,  
Lucien Percy Libby,  
Harry Benton Neagle,  
Edwin Marrett Nelson,

Byron Strickland Philoon,  
Albert Moore Rollins,  
Joseph Dawson Sinkinson,  
Winford Henry Smith,  
Cony Sturgis,  
William Lawton Thompson.

### CLASS OF 1868 PRIZE SPEAKING.

#### CLASS OF 1899.

Harold Fessenden Dana,  
Frank Leslie Dutton,  
Drew Bert Hall,

Fred Raymond Marsh,  
Arthur Huntington Nason,  
Byron Strickland Philoon.

### JUNIOR PRIZE DECLAMATION.

#### CLASS OF 1900.

Percy Andrus Babb,  
Harry Oliver Bacon,  
Albro Leonard Burnell,  
Robert Franklin Chapman,  
Frederick Crosby Lee,  
Harry Clinton McCarty,

Islay Francis McCormick,  
Henry Augustus Shorey,  
Frank Melville Sparks,  
Fred Uriah Ward,  
James Plaisted Webber,  
Joseph Walker Whitney.

## SOPHOMORE PRIZE DECLAMATION.

CLASS OF 1901.

Roland Everett Bragg,	John Gregson, Jr.,
Harold Lee Berry,	Arthur Llewellyn Griffiths,
Roland Eugene Clark,	Kenneth Charles Morton Sills,
Arthur Fenno Cowan,	William Moncena Warren,
Ripley Lyman Dana,	George Currier Wheeler,
Murray Snell Danforth,	John Humphrey White.

## AWARDS IN 1899.

GOODWIN PRIZE—Arthur Huntington Nason.

CLASS OF 1868 PRIZE—Frank Leslie Dutton.

ENGLISH COMPOSITION PRIZES—Francis Wayland Briggs, Edgar Alonzo Kaharl, first prizes; William Lawton Thompson, Edward Blanchard Chamberlain, second prizes.

PRAY ENGLISH PRIZE—Fred Raymond Marsh.

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION—Lincoln Lewis Cleaves, first prize; Harry Benton Neagle, second prize.

JUNIOR DECLAMATION PRIZES—Frederick Crosby Lee, first prize; Joseph Walker Whitney, second prize.

SOPHOMORE DECLAMATION PRIZES—Ripley Lyman Dana, first prize; John Gregson, Jr., second prize.

SEWALL LATIN PRIZE—Kenneth Charles Morton Sills. Honorable mention, Henry Darenydd Evans.

SEWALL GREEK PRIZE—Kenneth Charles Morton Sills. Honorable mention, Henry Darenydd Evans.

GOODWIN FRENCH PRIZE—Ralph Bushnell Stone.

NOYES POLITICAL ECONOMY PRIZE—Drew Bert Hall.

SMYTH MATHEMATICAL SCHOLARSHIP—Samuel Pope Harris, Harold Penniman Vose.

BROWN MEMORIAL SCHOLARSHIPS—Willis Bean Moulton, Class of 1899; Joseph Walker Whitney, Class of 1900; Kenneth Charles Morton Sills, Class of 1901; George Rowland Walker, Class of 1902.

# MEDICAL SCHOOL OF MAINE.

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## FACULTY.

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# STUDENTS IN 1899.

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[P. S. M. I.=Portland School for Medical Instruction.]

NAME.	RESIDENCE.	PRECEPTOR.
Anson Morrill Andrews,	<i>Gray,</i>	E. T. Andrews and P. S. M. I.
Sullivan Lane Andrews,	<i>West Paris,</i>	E. H. Andrews.
Daniel Alden Barrell,	<i>Auburn,</i>	Wallace K. Oakes and Cen. Me. Gen. Hospital.
John Harold Bates, A.B.,	<i>West Sumner,</i>	A. E. Bessey.
Freeman Elisha Bennett,	<i>Presque Isle,</i>	Frank Kilburn and Mass. Gen. Hospital.
Charles Wilson Bibber,	<i>Brunswick,</i>	C. W. P. Foss and Boston City Hospital.
Frank Weeks Blair, A.B.,	<i>Boothbay Harbor,</i>	G. A. Gregory and P. S. M. I.
George Kenniston Blair,	<i>Boothbay Harbor,</i>	G. A. Gregory.
Joseph Perley Bodge,	<i>South Windham,</i>	P. S. M. I.
Percy Herbert Brigham,	<i>Boston, Mass.,</i>	H. E. Mace and Eugene M. Brown.
Andrew Allen Brown,	<i>South West Harbor,</i>	Chas. M. Sawyer.
Frank Albert Burleigh,	<i>Concord, N. H.,</i>	Geo. H. Saltmarsh.
Horatio Smith Card, A.M.,	<i>Woodfords,</i>	P. S. M. I.
Charles Oscar Caswell, A.B.,	<i>Portland,</i>	D. W. Fellows and P. S. M. I.
Eugene Botsford Clark,	<i>Centerville, N. B.,</i>	J. W. N. Baker.
William Bridgham Coburn,	<i>Sherman Mills,</i>	W. L. Hunt.
Francis Henry Cohen,	<i>Marlboro, Mass.,</i>	Henry Dalton.
Fred Melvin Cole,	<i>Gardiner,</i>	W. O. Cobb.

Matthew Geo. Earley Conlin,	<i>Spencer, Mass.,</i>	J. C. Austin.
Thomas Francis Conneen,	<i>Portland,</i>	Edward J. McDonough and P. S. M. I.
Edson Selden Cummings,	<i>Lewiston,</i>	M. C. Wedgwood.
Ansel Samuel Davis,	<i>North Waterboro,</i>	L. E. Grant.
Philip Webb Davis, A.B.,	<i>Portland,</i>	George H. Cummings and P. S. M. I.
Francis Wm. Donahue, A.B.,	<i>Portland,</i>	J. B. O'Neill and P. S. M. I.
Robert Harold Donnell,	<i>Bath,</i>	Edwin M. Fuller.
Carl Roswell Doten,	<i>Portland,</i>	George F. Libby and P. S. M. I.
Wallace Wadsworth Dyson,	<i>Portland,</i>	Aug. S. Thayer.
Fred. Eugene Earle,	<i>Kent's Hill,</i>	W. A. Wright.
Winthrop Fillebrown,	<i>Boston, Mass.,</i>	Chas. D. Fillebrown and P. S. M. I.
Edman Payson Fish, A.B.,	<i>Fairfield,</i>	F. J. Robinson.
George Varnum Fiske,	<i>Epsom, N. H.,</i>	Roscoe Hill.
Edward Emery Foster,	<i>Westbrook,</i>	James B. O'Neill.
George Alcott Foster,	<i>Brunswick,</i>	C. E. Lancaster.
Michael Francis Gallagher,	<i>Marlboro, Mass.,</i>	Chas. Kingsley.
Norman John Gehring,	<i>Cleveland, Ohio,</i>	F. N. Whittier.
Frank Yuba Gilbert,	<i>Orono,</i>	J. N. Norcross.
Harry Everett Gribbin, A.B.,	<i>Portland,</i>	P. S. M. I.
J. Lowell Grindle,	<i>Mt. Desert,</i>	R. L. Grindle and P. S. M. I.
Orville Leon Hanlon, A.B.,	<i>Groveton, N. H.,</i>	A. W. Scott.
Robt. Clarence Hannigen, A.B.,	<i>St. Stephen, N. B.,</i>	R. A. Holland.
Oscar Edwin Hanscom, A.B.,	<i>Lebanon,</i>	L. O. Buzzell and G. R. Cate.



John Forrest Harkins,	<i>Lewiston,</i>	J. A. and A. M. F. Leader.
Henry Brown Hart,	<i>Portland,</i>	B. F. Dunn and P. S. M. I.
Alfred William Haskell,	<i>Portland,</i>	P. S. M. I.
Wm. Reginald Leonard Hathaway,	<i>Garland,</i>	F. A. C. Emerson.
Harry Willis Haynes,	<i>New York, N. Y.,</i>	George Cook.
William Frank Hayward,	<i>Brockton, Mass.,</i>	A. L. Shirley.
Owen Berry Head,	<i>Denmark,</i>	S. T. Brown and P. S. M. I.
Bruce Alvor Higgins,	<i>East Corinth,</i>	C. D. Edmunds.
Clarence Eugene Hight,	<i>Jefferson, N. H.,</i>	Chas. H. Burnham.
Francis Orman Hill,	<i>North Newbury,</i>	F. O. J. S. Hill.
Frank Henry Hobbs,	<i>Waterboro,</i>	Walter J. Downs.
Daniel Henry Holmes,	<i>Farmington, N. H.,</i>	Philip H. Greeley and Boston City Hospital.
Edward Curtis Hooper,	<i>Winslow,</i>	S. S. Debec and C. W. Abbott.
Percival Orson Hopkins,	<i>Frankfort,</i>	O. S. Erskine.
Hiram Lionel Horsman, A.B.,	<i>Princeton,</i>	George F. Townsend.
Henry Willis Hurd,	<i>Goodwin's Mills,</i>	H. H. Brock.
Guy Howard Hutchins,	<i>Auburn,</i>	John Sturgis.
James Gilbert Hutchins,	<i>Orland,</i>	H. E. Snow.
William Everett Jonah, A.B.,	<i>Eastport,</i>	H. V. Jonah.
Frank Herbert Jordan,	<i>Milton, N. H.,</i>	M. A. H. Hart and P. S. M. I.
Clarence Fairbanks Kendall, A.B.,	<i>Biddeford,</i>	C. J. Emery.
James Aldrich King,	<i>Millville, Mass.,</i>	A. A. Lawrence.
William D'Arcy Kinney,	<i>Fort Fairfield,</i>	A. D. Sawyer.

Herbert Manson Larrabee,	<i>Portland,</i>	B. F. Dunn and P. S. M. I.
James Webster Loughlin,	<i>New York, N. Y.,</i>	C. L. Johnston.
Charles Henry Leach,	<i>East Winthrop,</i>	C. M. Taggart.
Richard Timothy Leader,	<i>Lewiston,</i>	John A. and Alice M. F. Leader.
Frank Elliot Leslie,	<i>Woburn, Mass.,</i>	I. W. Starbird.
Ara Brooks Libby, A.B.,	<i>Gardiner,</i>	A. Sawyer and P. S. M. I.
Albion Henry Little,	<i>Portland,</i>	C. D. Smith and P. S. M. I.
Samuel Heber Long,	<i>Brockton, Mass.,</i>	John McGrath.
James Marshall Lowe,	<i>Vinalhaven,</i>	H. L. Raymond.
Walter Freeman Lyford,	<i>South Atkinson,</i>	E. H. Lyford.
Martin Crowell Maddan,	<i>Oldtown,</i>	J. N. Norcross.
Clarence Harold Marston,	<i>West Baldwin,</i>	C. E. Lancaster and George W. Weeks.
Henry Thomas McCarthy,	<i>Lewiston,</i>	W. H. Hawkins.
Eugene Miller McCarty,	<i>Woodfords,</i>	P. S. M. I. and A. V. Thompson.
Howard Augustus Milliken,	<i>Surry,</i>	Boston City Hospital.
John Sewell Milliken,	<i>Farmington,</i>	E. B. Currier and H. B. Palmer.
Frank Baxter Mitchell,	<i>Norwich, Conn.</i>	
William Hiram Mitchell,	<i>Brunswick,</i>	P. S. M. I.
Harry Alton Moody,	<i>Warren,</i>	J. M. Wakefield.
Alonzo William Morelen, A.B.,	<i>Dresden Mills,</i>	L. H. Dor.
Timothy Francis Murphy,	<i>Lewiston,</i>	J. A. Donovan.
George Page Nash,	<i>Lewiston,</i>	M. C. Wedgwood.
James Deering Nutting, Jr.,	<i>Hallowell,</i>	J. D. Nutting.

Joseph Ernest Odiorne, A.B.,	<i>Richmond,</i>	W. E. Whitney.
Frederick Berthel Peabody,	<i>Phillips,</i>	E. B. Currier.
Philip Lamont Pease,	<i>Corinna,</i>	F. L. Redman.
Joseph John Pelletier,	<i>Lewiston,</i>	Wallace E. Webber.
Edgar Llewellyn Pennell, A.B.,	<i>Gray,</i>	W. J. Pennell and P. S. M. I.
Charles Henry Phillips,	<i>Beverly, Mass.,</i>	C. A. Stetson.
Edwin Francis Pratt, A.B.,	<i>Topsham,</i>	C. E. Lancaster.
Samuel Jackson Redman,	<i>Hampden,</i>	F. L. Redman.
Ivus Irvin Richmond,	<i>Byron,</i>	F. E. Wheet and A. I. York.
Charles Cummings Rogers,	<i>Windham,</i>	I. D. Harper and P. S. M. I.
George Herbert Rounds,	<i>East Baldwin,</i>	D. W. Rounds and P. S. M. I.
Warren Bigelow Sanborn,	<i>Augusta,</i>	B. G. Sanborn and P. S. M. I.
Samuel Guy Sawyer,	<i>Limington,</i>	W. D. Williamson and P. S. M. I.
Thomas Edward Sheehan,	<i>North Abington, Mass.,</i>	R. Rand.
Ralph Dumphry Simons,	<i>Madison,</i>	David S. Hunnewell and P. S. M. I.
George Eaton Simpson, A.B.,	<i>Alna,</i>	W. A. Parsons and B. L. Bryant.
Ezra Byington Skolfield,	<i>Brunswick,</i>	Alfred Mitchell and P. S. M. I.
Fitz Elmer Small,	<i>Portland,</i>	P. S. M. I.
Morton Maxwell Small,	<i>Deer Isle,</i>	A. M. Small.
Philip Warren Small,	<i>Deer Isle,</i>	H. W. Small.
Ervin Linwood Soule,	<i>Knightville,</i>	F. I. Brown.
Frederick Nathaniel Staples,	<i>Temple,</i>	A. G. Howard.
Henry Kingsbury Stinson,	<i>Richmond,</i>	W. E. Whitney.

Albert Fales Stuart,	<i>Appleton,</i>	L. W. Hadley and S. P. Strickland.
Gardiner Luther Sturdivant,	<i>Fryeburg,</i>	A. L. Shirley and P. S. M. I.
Albert Ham Sturtevant,	<i>Bath,</i>	W. E. Rice and C. A. Packard.
Clinton Tewksbury Swett,	<i>Greene,</i>	L. L. Hale and H. H. Purington.
Clarence Edgar Thompson,	<i>Portland,</i>	C. W. Foster and P. S. M. I.
John Budd Thompson, A.B.,	<i>Topsham,</i>	George S. Machan and P. S. M. I.
Raymond Ritchie Tibbetts,	<i>East Palermo,</i>	H. H. Colburn.
Fred Chamberlain Tobey,	<i>Boston, Mass.,</i>	C. B. Cotton.
Walter Eaton Tobie,	<i>Portland,</i>	Alfred King and P. S. M. I.
Harry Coulter Todd, A.B.,	<i>Calais,</i>	J. M. Deacon.
Virgil Connor Totman, A.M.,	<i>Bar Mills,</i>	A. H. Weeks.
Joseph Paul Traynor,	<i>Biddeford,</i>	F. Ferguson.
Linton Edson Waldron, A.B.,	<i>Waterville,</i>	F. C. Thayer.
Joseph Walsh,	<i>Augusta,</i>	O. C. S. Davies.
Daniel Webster Wentworth,	<i>North Berwick,</i>	Jas. O. McCorrison.
Ernest Wentworth,	<i>Auburn,</i>	S. E. Wentworth.
Fred Everett Wheeler,	<i>West Paris,</i>	O. K. Yates.
Cassius Claudius Williamson, A.B.,	<i>Gorham, N. H.,</i>	W. D. Wil- liamson.
Charles Arthur Worthen,	<i>Haverhill, Mass.,</i>	F. W. Anthony.
Corydon Leslie Young,	<i>New Portland,</i>	Warren G. Sawyer.
William Hilt Young,	<i>Warren,</i>	J. M. Wakefield and Me. Gen. Hospital.

GRADUATING CLASS OF 1899.

NAMES.	THESES.
John Harold Bates, A.B.,	Diagnosis of Disease from Microscopical Examination of the Sputum.
Freeman Elisha Bennett,	Hypodermic Medication.
Charles Wilson Bibber,	Erysipelas.
Frank Weeks Blair, A.B.,	Exophthalmic Goitre.
Joseph Perley Bodge,	Treatment of Typhoid Fever.
Horatio Smith Card, A.M.,	Pulmonary Auscultation.
Norman John Gehring,	Typhoid Bacillus and the Colon Bacillus.
Oscar Edwin Hanscom, A.B.,	Typhoid Fever.
Henry Brown Hart,	Minor Injuries of the Joints.
William Frank Hayward,	Rational Treatment of Disease.
Francis Orman Hill,	Prophylaxis.
Daniel Henry Holmes,	History of Medicine.
Edward Curtis Hooper,	Acute Articular Rheumatism.
Hiram Lionel Horsman, A.B.,	Disinfection and Disinfectants.
Henry Willis Hurd,	Pathology of Inflammation.
Guy Howard Hutchins,	The Relations of the Nervous System in Disease.
Frank Herbert Jordan,	Treatment of Syphilis.
William D'Arcy Kinney,	Anæsthesia and Anæsthetics.
Charles Henry Leach,	Pneumonia.
Ara Brooks Libby, A.B.,	Cause and Pathology of Diphtheria.
Albion Henry Little,	Physical Examination of the Lungs.
Walter Freeman Lyford,	Hydrotherapy.
Howard Augustus Milliken,	Pertussis.
William Hiram Mitchell,	Tabes Dorsalis.
Philip Lamont Pease,	Acute Pneumonia.
Samuel Jackson Redman,	Appendicitis.
Charles Cummings Rogers,	Embolism.
George Herbert Rounds,	Pathology of Tubercle.
Ralph Dumphry Simons,	Puerperal Eclampsia.
George Eaton Simpson, A.B.,	Scarlatina.
Ezra Byington Skolfield,	Therapeutics of Heat and Cold.
Fitz Elmer Small,	Croupous Pneumonia.
Frederick Nathaniel Staples,	Treatment of Pulmonary Tuberculosis.
Gardiner Luther Sturdivant,	Cystitis.
Albert Ham Sturtevant,	Healing by First Intention.
John Budd Thompson, A.B.,	The Ductless Glands.
Walter Eaton Tobie,	Cancer.
Daniel Webster Wentworth,	Diphtheria.
William Hilt Young,	Diphtheria.



## GENERAL STATEMENT.

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The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of six months each. The studies are distributed through the curriculum according to the following schedule:

*First Year:* Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

*Second Year:* Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

*Third Year:* Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

*Fourth Year:* Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat.

The course is strictly graded, and all of the required studies of one year must be completed before those of the next succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed an examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the studies of the fourth year will necessitate a repetition of the work of that year.

To be eligible for examination in the studies of the first year, the student must have completed a full year of professional study, and show documentary evidence to that effect; and corresponding requirements must be fulfilled before admission to the second-year and third-year examinations.

An examination which is not completed receives no consideration.

The students of the first and second years are instructed at Brunswick, where the School has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes will hereafter be taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the School will be ready for occupancy in season for the coming term, and will furnish ample accommodations for the advanced classes. As soon as the second and larger building is completed, the whole School will be located in Portland. The projected buildings will be situated on Chadwick Street, next to the Sebago reservoir, and close to the Maine General Hospital, in which institution nearly all of the teachers in the School are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the School, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eightieth annual course will begin on Thursday, December 28, 1899, and will continue twenty-six weeks.

Examinations for *admission to the School* will be held at 9 A.M. on Thursday, December 28, in Brunswick, for those who desire to enter the first or second years; and in Portland, at the same hour, for those, not previously matriculated, who desire to enter the third year.

Examinations for *advanced standing* will be held at 9 A.M. on Friday, December 29, in Brunswick, for those wishing to enter the second year; and at 9 A.M. on Saturday, December 30, in Portland, for those who wish to enter the third year.

The formal introductory lecture will be delivered by Professor Ring, in Memorial Hall, Brunswick, on Tuesday, January 2, 1900, at 3 P.M.

The systematic courses of instruction will begin on Wednesday morning, January 3.

On arriving in Brunswick, students should apply at the office of the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.

## EXPENSES.

*For Instruction :*

In each of the required four years, \$100. Those who have previously matriculated, however, will be required to pay only those fees which were in vogue on their admission to the School, namely, \$78 for their second course, and \$50 for their third course.

*For Examinations :*

Payable at the end of the first year—

In Anatomy, . . . . .	\$5.00
In Physiology, . . . . .	5.00
In Chemistry, . . . . .	5.00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch,	5.00
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These four fees are credited on the diploma or graduation fee.

For every re-examination in any of the above studies, 3.00

This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

*Miscellaneous :*

The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be PAID IN CASH and STRICTLY IN ADVANCE.

Board and lodging cost from \$3.00 to \$5.00 a week.

## REQUIREMENTS FOR ADMISSION.

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following studies :

*English.*—Spelling, writing, construction of sentences, and English grammar in general.

*Arithmetic.*—As represented in the larger common school text-books.

*Algebra.*—Including addition, subtraction, multiplication, division, factoring, and simple equations; as much, for example, as is contained in the first eleven chapters of Wentworth's New School Algebra.

*Geometry.*—Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

*History of the United States.*—To the extent afforded in the ordinary school history, such as Montgomery's.

*Physics.*—As presented in any standard school text-book, such as Gage's Elements of Physics, or Dolbear's Natural Philosophy. This requirement cannot well be met with less than a year's study in some good school, where the illustrative experiments are required to be performed.

*Chemistry.*—As much as is covered in some standard school chemistry, as Remsen's or Storer and Lindsay's. As in the case of Physics, this requirement cannot well be met with less than a year's study in some school provided with a laboratory, where illustrative experiments have been performed by the student. These experiments should include elementary qualitative analysis, and candidates should present note-books giving accounts of experiments performed, which books must be certified by the teacher.

*Latin.*—Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

Graduates of Colleges, Normal Schools, High Schools, or Academies, and students who have passed the entrance examination of any recognized College, will, on presentation of their diplomas or matriculation tickets, be exempt from examination, provided that their previous studies have included Latin, Chemistry, and Physics to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics to the required extent, they must be examined upon these branches, and their diplomas or matriculation tickets will exempt



them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year, must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that or those in this School preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

It is desired that a literal interpretation shall be placed upon the stated requirements of the candidates for matriculation, as hitherto there have been not infrequent examples of those who inquire if other conditions than those named will not serve in lieu of the examination. The same consideration is asked for the explicit conditions named as regulating the prepayment of fees in cash.

### GRADUATION.

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this School. As evidence of his study when not in attendance upon such a school, he must present to the Dean the certificate of a regular and reputable practitioner of medicine. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

The requirement of four years of study and four courses of instruction will not be enforced in the case of those students who were matriculated in this School prior to June, 1899. Such students will be permitted to graduate on the terms hitherto in vogue, namely, three years of study, and a course of instruction in each. But all who matriculate after June, 1899, will come within the scope of the new requirements.

The four years above referred to are years of strictly medical study. No allowance is made in the period of study for work not done in an accredited medical school. Time spent in pharmacy, dental, and veterinary institutions and in preparatory schools and colleges, does not entitle a student to examination for advanced standing.



## METHODS OF INSTRUCTION.

In order to afford to students who contemplate entering the School an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

**ANATOMY.** The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. Synchronously with this work the subjects of osteology and arthrology are pursued. All of these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard drawings. Some subjects are treated by lectures, but the recitation method has the more prominent place. Four hours of didactic exercises a week are given to the first-year work, and the afternoons for some weeks are devoted to microscopic work. The School provides a large number of microscopes; but students owning microscopes will find it advantageous to bring them.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

Before coming to the School students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicum," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Admirable books in the same line are Wilder and Gage's Anatomical Technology, Foster and Langley's Practical Physiology, and Huxley and Martin's Biology.

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, which adds greatly to the means for instruction.

**PHYSIOLOGY.** Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

In the first year the work will be devoted to the functions of nutrition and reproduction; in the second year, to the functions of relation. A portion of the hours will be devoted to text-book recitations.

If a student presents a certificate of having completed two full years of medical study, or of having pursued approved courses in this branch in a reputable college or technical school, he may be examined at the end of his first year in this School upon the physiological studies of the second year, as well as upon those of the first year.

**CHEMISTRY.** The chemical course extends through the first two years. In the first year inorganic preparations, toxicology, and the simpler parts of organic chemistry are taken up. Two exercises a week are held of one hour each, except when laboratory work or a quiz is given, when additional time may be taken.

In the second year, the course includes urinary analysis and diagnosis, and continuation of organic chemistry, to include carbohydrates, fats and oils, proteids, alkaloids, and medicinal substances derived from coal-tar. The time is substantially the same as in the first year.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether or not the work has been satisfactorily completed.

Students who satisfy the Professor of Chemistry that they have pursued courses of chemical study similar to either of the above, may be examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department possesses all the apparatus essential to the complete illustration of the principles of Chemistry. The laboratories in the Mary F. S. Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are compulsory, and will be entered upon immediately after the close of the dissecting season.

**OBSTETRICS.** The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

**PATHOLOGY AND THE PRACTICE OF MEDICINE.** Instruction will be given by means of lectures, by regular and systematic

quizzes upon these lectures, and by charts. Especial attention will be given to the study of methods of physical diagnosis.

A *medical clinic* will be held by the Professor at the Hospital every week, the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as opportunity occurs. Definite announcements of these exercises will be seasonably made.

**BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.** *A. Bacteriology.*—The course consists of lectures and laboratory work. In the laboratory course, each student is required to cultivate upon three media ten varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. Special attention is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

*B. Pathological Histology.*—The course consists of lectures and laboratory work. The first half of the course is devoted to the study of inflammations excited by chemical and bacterial causes. It includes the pathological histology of tuberculosis, diphtheria, pneumonia, etc. The second half of the course is devoted mainly to the study of tumors.

In the laboratory course each student is required to make stained microscopical preparations illustrating the disease processes studied. These preparations become the property of the student and are preserved for reference. Many of these preparations are made from tissues obtained at the surgical clinics and thus show the pathology of cases previously observed.

**SURGERY.** The entire field of Surgery is covered by the instruction in this department, excepting those portions coming under the heads of gynæcology, ophthalmology, and otology. The didactic lectures are supplemented by ample bedside teaching. A clinic will be held once a week at the Hospital, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class



being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

**MATERIA MEDICA AND THERAPEUTICS.** The instruction in *Materia Medica* and *Therapeutics* will be given by lectures and quizzes. A practical exercise in prescription writing will be given every week, by which the student will be taught not only to write the prescription correctly, but to prescribe correctly for given conditions.

**MEDICAL JURISPRUDENCE.** The instruction in *Medical Jurisprudence* will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

**GYNÆCOLOGY.** Didactic and clinical instruction will be combined in the department of diseases of women. Abundant opportunities will be given to examine patients whose diseases come within the scope of this department. The various methods of diagnosis and treatment will be demonstrated.

**DISEASES OF CHILDREN.** The instruction in this department will be given chiefly by lectures and recitations, and will also include clinical exercises and demonstrations.

**MENTAL DISEASES.** The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

**OPHTHALMOLOGY AND OTOLOGY.** A weekly clinic in diseases of the eye and ear will be held at the Hospital. The various diseases will be described as cases illustrating them are available for demonstration, operations will be performed when required, and other treatment applied as may be necessary.

**PUBLIC HYGIENE.** Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practicing physician to the public and to health-boards, in the management of infectious diseases.

## THE LIBRARY.

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the College, which numbers nearly 60,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the School to furnish text-books through its Library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.



## TEXT-BOOKS.

ANATOMY—Gerrish. For reference, Quain.

PHYSIOLOGY—For recitation work, Blakiston's edition of Kirkes. For reference, Landois and Stirling, Foster, Dalton, the American Text-Book of Physiology by Howell.

CHEMISTRY—For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's Qualitative Chemical Analysis.

PUBLIC HYGIENE—For reference, Coplin and Bevan, Rohe, Parke's Practical Hygiene.

MATERIA MEDICA AND THERAPEUTICS—Hare, White & Wilcox, H. C. Wood, Butler.

PRACTICE OF MEDICINE—Osler, Tyson, Anders, Wood & Fitz. Practical Diagnosis, Hare.

BACTERIOLOGY—Abbott's Manual of Bacteriology, Muir, and Richie.

PATHOLOGY—Ziegler's Text-Book; Pathological Technique, Mallory and Wright.

PHYSICAL DIAGNOSIS—Tyson, DaCosta, Page.

DISEASES OF CHILDREN—Holt, Rotch, Starr, Sachs.

SURGERY—The American Text-Book of Surgery, last edition, DaCosta's Modern Surgery, Dennis's System of Surgery, Park's Treatise on Surgery, Warren's Surgical Pathology and Therapeutics.

OBSTETRICS—American Text-Book of Obstetrics, Hirst, Jewett, Dorland.

DISEASES OF WOMEN—Kelly (2 vols.), Pozzi (2 vols.), E. C. Dudley, Robb's Gynæcological Technique, Garrigues.

MEDICAL JURISPRUDENCE—Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE—Nettleship, Swanzay, DeSchweinitz.

## ALUMNI ASSOCIATIONS.

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### The General Association.

*President*, JAMES McKEEN, Esq.; *Vice-President*, FRANKLIN CONANT PAYSON, Esq.; *Secretary and Treasurer*, Mr. GEORGE T. LITTLE, Brunswick, Maine.

### Association of Boston.

*President*, OLIVER CROCKER STEVENS, Esq.; *Secretary*, WILLIAM GARDNER REED, Esq., 423 Tremont Building, Boston, Mass.

### Association of New York.

*President*, AUGUSTUS F. LIBBY, A.M.; *Secretary*, Dr. FREDERICK HENRY DILLINGHAM, 326 West 45th Street, New York City.

### Association of Washington.

*President*, Hon. MELVILLE WESTON FULLER, LL.D.; *Secretary*, WILLIAM FRYE WHITE, Esq., Washington, D. C.

### Association of the Northwest.

*President*, LEANDER OTIS MERRIAM, A.M.; *Secretary*, JOHN O. P. WHEELWRIGHT, Esq., 420 Temple Court, Minneapolis, Minn.

### Association of Portland.

*President*, Hon. CLARENCE HALE, A.M.; *Secretary*, HANNIBAL H. EMERY, Portland, Maine.

### Association of Franklin County.

*President*, SAMUEL CLIFFORD BELCHER, Esq., A.M.; *Secretary*, Prof. GEO. COLBY PURINGTON, Farmington, Maine.

### Association of Oxford County.

*President*, Hon. ENOCH FOSTER, A.M.; *Secretary*, Dr. FRANCIS HENRY PACKARD, West Paris, Maine.

### Kennebec Alumni Association.

*President*, Hon. JAMES W. BRADBURY, LL.D.; *Secretary*, J. CLAIR MINOT, Augusta, Maine.

### Bangor Alumni Association.

*President*, Hon. SAMUEL FISHER HUMPHREY, A.M.; *Secretary*, Dr. BERTRAM LEWIS BRYANT, A.M., Bangor, Maine.

## ALUMNI RECORD.

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

The Centennial edition of the General Catalogue, a neatly-bound octavo of 328 pages, with illustrations, will be mailed to any address on receipt of one dollar.

Communications should be addressed to the College Librarian.



## PREPARATORY SCHOOLS.

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The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the College, upon whose certificate and recommendation their students are admitted to the College. Such students, however, are required to pass the regular entrance examinations for admission, at the same dates, and under the same conditions as are prescribed for students of other preparatory schools who take their examinations elsewhere than in Brunswick.

# FRYEBURG ACADEMY,

FRYEBURG, ME.

*Incorporated February 9, 1792.*

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ERNEST ROLISTON WOODBURY, A.B., PRINCIPAL.

This school, in the western county of Oxford, with an honorable record of a century, and with a complete and competent Board of Instruction, offers three courses of study :

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Normal Course, of four years.

## EXPENSES.

TUITION.—The cost of Tuition is \$7.00 per term.

BOARD.—The cost of Board is from \$3.00 to \$4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

## CALENDAR.

Fall Term of 14 weeks, began September 12, 1899.

Winter Term of 12 weeks, begins January 2, 1900.

Spring Term of 11 weeks, begins April 3, 1900.

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*Examiner appointed by the College for 1900 :*

Professor HENRY CROSBY EMERY.



# WASHINGTON ACADEMY,

EAST MACHIAS, ME.

*Incorporated March 7, 1792.*

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ARCHIE SHERMAN HARRIMAN, A.B., PRINCIPAL.

This venerable academy, situated in the eastern county of Washington, with a generous endowment, and under the charge of experienced teachers, offers two courses of study :

- I. A College Preparatory Course, of four years.
- II. An English Scientific Course, of four years.

## EXPENSES.

TUITION.—As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

BOARD.—The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

## CALENDAR.

Fall Term of 15 weeks, began September 11, 1899.

Winter Term of 13 weeks, begins January 1, 1900.

Spring Term of 11 weeks, begins April 9, 1900.

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*Examiner appointed by the College for 1900 :*

PROFESSOR GEORGE TAYLOR FILES.

# LINCOLN ACADEMY,

NEWCASTLE, ME.

*Incorporated February 23, 1801.*

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GEORGE HOWARD LARRABEE, A.M., PRINCIPAL.

This well-established school in the sea-board county of Lincoln, under the charge of competent teachers, offers three courses of study :

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Business Course, of four years.

## EXPENSES.

TUITION.—Fall and Spring Terms, \$6.00 to \$7.00 ; Winter and Summer Terms, \$4.00 to \$5.00.

BOARD.—Good board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

## CALENDAR.

Fall Term of 11 weeks, began September 15, 1899.

Winter Term of 8 weeks, begins November 27, 1899.

Spring Term of 11 weeks, begins January 29, 1900.

Summer Term of 8 weeks, begins April 23, 1900.

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*Examiner appointed by the College for 1900 :*

Professor WILLIAM ALBION MOODY.

# THORNTON ACADEMY,

SACO, ME.

*Incorporated February 16, 1811.*

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EDWIN PRESCOTT SAMPSON, A.M., PRINCIPAL.

The object of the academy is to furnish the elements of a solid education. It offers three full preparatory courses :

ENGLISH OR SCIENTIFIC, CLASSICAL, BUSINESS.

The English Department is designed to prepare students for the higher technical and scientific schools.

The Classical Instruction is such as to prepare pupils for the entrance examinations of the highest American colleges.

The Business Course, while affording thorough training in English and scientific studies, offers, in addition, instruction in Commercial Arithmetic and Book-Keeping.

## EXPENSES.

Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

Good board can be obtained in the city at from \$3.00 to \$6.00 a week.

## CALENDAR.

Fall Term began September 11, 1899.

Winter Term begins January 2, 1900.

Spring Term begins April 2, 1900.

Fall Term begins September 10, 1900.

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*Examiner appointed by the College for 1900 :*

Professor WILLIAM MACDONALD.







