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## **CATALOGUE**

OF

## BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE

1897-98



## CATALOGUE

OF

# BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE

1897-98

BRUNSWICK 1897 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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Arthur Lawrence Small,	Y arm outh ville,	18 M. H.
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Rufus York Storer,	Brunswick,	Cedar St.
Herbert Lindsey Swett,	Bangor,	12 Page St.
Lester Dean Tyler,	Free port,	25 M. H.
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Charles Stanley Brown,	Augusta,	Spring St.
Arthur Chamberlain Knapp,	South Bridgeon,	Elm House.
George Cann Minard,	Lewiston,	10 Page St.
James Deering Nutting, Jr.,	Hallowell,	19 M. H.
Henry Herbert Randall,	Farmington,	Harpswell St.

#### ADMISSION TO THE COLLEGE.

Candidates for admission to the Freshman Class in the course leading to the degree of B.A. are examined in the following subjects.

#### LATIN AND GREEK.

Ancient Geography.

Outlines of Greek and Roman History.

Latin—(1) Preliminary, (2) Final.

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.

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.

#### Greek—(1) Preliminary, (2) Final.

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.

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 prosedy.

(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.

The chief aim of these examinations, 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.

#### MATHEMATICS.

Arithmetic, especially common and decimal fractions, interest, square root, and the metric system.

Algebra, as far as logarithms in Wentworth's Treatise.

Plane Geometry.

#### ENGLISH.

English Grammar and Composition.

I. 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 his 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 be allowed to 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 1898—Milton's Paradise Lost, Books I and II; Pope's Iliad, Books I and XXII; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's Ancient Mariner; Southey's Life of Nelson; Carlyle's Essay on Burns; Lowell's Vision of Sir Launfal; Hawthorne's The House of the Seven Gables.

- For 1899—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 The Vicar of Wakefield; Coleridge's The Ancient Mariner; De Quincey's The Flight of a Tartar Tribe; Cooper's The Last of the Mohicans; Lowell's The Vision of Sir Launfal; Hawthorne's The House of the Seven Gables. 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 The Vicar of Wakefield; Scott's Ivanhoe; De Quincey's The Flight of a Tartar Tribe; Cooper's The Last of the Mohicans; Tennyson's The Princess; Lowell's The Vision of Sir Launfal.
- II. 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 1898—Shakespeare's Macbeth; Burke's Speech on Conciliation with America; De Quincey's The Flight of a Tartar Tribe; Tennyson's The Princess.
- For 1899—Shakespeare's Macbeth; Milton's Paradise Lost, Books I and II; Burke's Speech on Conciliation with America; Carlyle's Essay on Burns. 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.

Candidates for the degree of B.L. or B.S. may offer either of the four following requirements in place of Greek and Greek History.

- 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. 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 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.

Mathematics—(1) Algebra. The following subjects or their equivalents as treated in Wentworth's or Wells's College Algebra: Indeterminate Equations, Ratio, Proportion and Variation, Arithmetical and Geometric Series, Undetermined Coefficients, Binomial Theorem, Theory of Limits and Logarithmic Series. (2) Solid Geometry as represented by the text-books of Wells or Wentworth. 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 text-books of Wells or Wentworth. Candidates must be familiar with the theory and use of six place logarithmic tables.

IV. 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.

MATHEMATICS as noted in Section III.

#### EXAMINATIONS.

Students who have not completed their preparatory course, but who pass satisfactorily examinations in Arithmetic and Algebra, and the preliminary examinations in Latin and Greek, may receive a certificate excusing them from examination in these subjects the following year. Candidates for admission to the Sophomore, Junior, and Senior classes 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.

The regular examinations for admission to college are held in Massachusetts Hall, in Brunswick, on Friday and Saturday, June 24 and 25, 1898, and on Monday and Tuesday, September 12 and 13, 1898. At the examination in June, attendance is required at 8.30 A.M. on Friday. At the examination in September, attendance is required at 2.30 P.M. on Monday. The examination is chiefly in writing.

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.

In view of the expense and inconvenience often accompanying the attendance of candidates in Brunswick during Commencement week, the President will furnish the principal of any academy or high school, having a regular course preparatory for college, with printed examination papers for the use of such pupils as he believes prepared to enter college, provided they expect to enter Bowdoin.

No papers will be sent out on the requirements in German, French, Advanced Mathematics, Physics, and Chemistry. Candidates presenting these subjects must take their examination in them at the college at one of the times appointed.

The examinations are to be conducted by the principal on June 10 and 11, 1898, and the results at once sealed and sent by mail to the President. A report of the examination will be made to the principal and also to the candidates by Commencement Day.

Testimonials of good moral character must in all cases be received 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 examined, must present a certificate of regular dismission.

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 any 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.

#### THE COURSE OF STUDY.

The course of study is adapted solely and strictly to students desiring a liberal education. The required work occupies the whole of the Freshman year and one-third of the Sophomore year. The work of the remaining two-thirds of the Sophomore year and of the whole of the Junior and Senior years is elective.

In solidity of subjects presented, in concentration of attention demanded, in individuality of work encouraged, and in extent of choice permitted, the aim of the College is to combine thorough discipline of mind with vital interest in the subjects studied. Searles Science Building makes it possible, so far as accommodations are concerned, to give an ideal course in science, and places the College in a position to test the value of natural science for training. The scrappy and hap-hazard study of isolated subjects by single terms, chiefly for the information to be gathered therefrom, has been superseded by a curriculum in which every department offers a general course, consecutive throughout the year; and this general course in every department except Philosophy, which is not introduced until the Senior year, is followed by one or more courses, also consecutive throughout a year, in which the subject may be taken up more in detail by those who wish to pursue it beyond the rudiments. Thus thorough and consecutive training in the method of study is secured in all departments; and the old antithesis between subjects pursued for training and subjects pursued for information is removed. The elective studies are so grouped that, while a reasonable degree of concentration is encouraged, excessive and premature specialization is prevented.

#### PHILOSOPHY.

The course in Philosophy includes Psychology, History of Philosophy, and Ethics. Psychology is taught with constant reference to its practical bearings, the aim being to apply the laws of the mind to the formation of correct habits of reading and thinking, rational methods of teaching, an effective style of writing and speaking, and a healthy and vigorous intellectual life.

It is the aim of the study of the History of Philosophy to familiarize the student with the spirit and method of speculative thought, and to stimulate inquiry and reflection on the grounds of rational certitude and religious faith.

The course in Ethics includes a review of modern ethical systems, from Hobbes and Kant to Spencer and Green, and concludes with a presentation of the more prominent particular duties which are essential to man's realization of himself as a social and spiritual being.

#### HISTORY AND POLITICAL SCIENCE.

A systematic course in the History of England is given throughout the Sophomore year, followed in the Junior year by a similar course in the History of the United States. The second and third terms in either course can be taken by those only who have taken the preceding term or terms. In each course the chief stress is laid upon constitutional development. Careful study of historical geography, examination of important historical documents, and liberal reading in connection with lectures and text-books, are expected.

A descriptive course dealing with American Political Institutions, local, state, and national, is given in the second term of the Senior year. A text-book is used, but the instruction is chiefly in the form of lectures, supplemented by collateral readings and special investigations. In the third term of the Senior year there is offered a systematic course in the principles of American Constitutional Law.

#### POLITICAL ECONOMY AND SOCIOLOGY.

The work in Political Economy and Sociology runs through the Junior and Senior years. Two four-hour courses are given in each term. In the fall term the Juniors begin the study of the science with a course in general economic theory, based upon Walker's Political Economy. This course is followed by courses dealing more in detail with special branches of the subject, such as Money and Banking; Financial and Tariff History of the United States; Taxation; Socialism; and the Labor Problem. The order of these courses is not fixed, but the practice is to omit a whole course in any year rather than sacrifice the time necessary to a thorough discussion of the subjects selected. Text-books are used in all the courses, but serve only as a basis for exposition and lectures by the instructor and outside reading by the class.

The work in Sociology occupies one or two terms in the Senior year, according to the amount of time devoted to the courses referred to above. At least one term is devoted to the general theory of Sociology, which is studied by means of a text-book supplemented by lectures.

#### RHETORIC, ORATORY, AND ENGLISH LITERATURE.

In the department of Rhetoric, Oratory, and English Literature it is the aim of the College to give, so far as it can be done in the time allowed to these studies, familiarity with the principles of Rhetoric and Logic; facility in the application of these principles in the actual work of composition; a natural and effective method of elocution and oratory; and an acquaintance with the history of English literature and criticism, together with a more minute and critical knowledge of some of its masterpieces.

Practical exercises in Composition, Elocution, and Declamation, in the Freshman year, are followed in the Sophomore year by careful text-book study of the principles of Rhetoric, and of Logic both deductive and inductive, and in the Sophomore and Junior years by the writing of themes on assigned subjects, which are criticised and corrected by the instructor in charge.

In English Literature elective courses are offered through the whole of the Junior and Senior years. In the Junior year there are three courses in the literature of the eighteenth and nineteenth centuries; in the Senior year three courses covering the history and development of the literature from the earliest times to the eighteenth century. The instruction is given partly by lectures, partly by text-book work, and partly by study in the class-room of selected and complete works of the principal authors in each of the periods studied. So far as possible the student is brought into direct contact with the literature while studying its history and philosophy.

#### GREEK.

The study of Greek is required of all candidates for the degree of A.B. Those who have taken the preparatory course in Greek continue the study through Freshman year, while for candidates for the degree of A.B. who enter without Greek an elementary course in that language is offered, and the study must be pursued for at least two years. Greek is offered as a four-hour elective course through Sophomore year and the second and third terms of the last two years.

For the first half of the fall term the Freshmen read easy prose (this year Xenophon's Memorabilia) and have weekly practice in oral and written composition. The remainder of the first term and the whole of the second are devoted to Homer, in the hope that each student may gain a good degree of familiarity with one great author. At the beginning, the chief object is to acquire facility in reading and appreciation of the peculiar charm of the Greek epics. Toward the close of the work, the various Homeric problems, archæological and literary, are studied and discussed. In the spring the class read the Gospel of Mark.

The Sophomore year is given in alternation to the study of the drama, and the historiaus and orators. For the orators Plato is sometimes substituted.

In the work with the Junior and Senior classes the authors chiefly used are Æschylus, Aristophanes, Plato, and Lucian. The best books on each subject are reserved in the library so as to be accessible at all times, and topics for special investigation and writing are assigned in all branches of the work.

#### LATIN.

The aim of the Latin course is twofold: on the one hand to give such a general acquaintance with the language, literature, and civilization of the Romans as should form a part of a liberal education; on the other, to provide for the needs of those in the Junior and Senior years especially, who wish to prepare themselves for teaching the classics or for advanced classical work after graduation.

The method of instruction is progressive. In Freshman year the student begins, necessarily, with a rapid review of forms and syntax, and as a help in this direction takes up Latin composition in a practical way. Careful pronunciation, according to the Roman method, and intelligent expression in reading the Latin text, are especially sought after, in order thus to make the Latin words, without translation, as familiar as may be to the tongue and ear, as well as to the eye. Progress in this regard is furthered and tested by frequent reading and translation of easy prose at sight and at hearing. Thus, through an improved command of the language, having acquired a firmer grasp upon the thought and style of the various authors, the student soon concentrates his attention upon these matters, which involve a study of the literary, social, and political history of the respective periods. In aid of such study, familiar lectures are given from time to time, and particular books in the college library are assigned or recommended.

In the later years of the course, besides the regular work with the instructor, comparatively large portions of the authors taken up are assigned for private reading, and topics in philology or literature are given to individuals to investigate, the results to be presented in monographs. Written work in Latin is also required.

A term-course for teachers is intended for those expecting to teach in preparatory schools. The aims and methods of elementary classical instruction are discussed and practically illustrated in connection with a study of the preparatory authors from a teacher's point of view.

#### MODERN LANGUAGES.

The study of French is required of the Freshman Class throughout the year. In the first term the elements of the language are studied on the lines marked out in Whitney's French Grammar, Part I. From the first, special importance is attached to training the ear to catch the sounds of the natural word-groups, and to appreciate, to some extent, the sentence-accent or rhythm of the language. In the second and third terms, grammatical study is continued in the practice of making simple French sentences. Copious extracts from the best modern prose are read as a means of extending the student's vocabulary, as well as by way of introduction to the prevailing models of good style. The advanced study of the leading authors of the last three centuries is open to

the members of the Sophomore Class as elective work throughout the year.

The study of German is required of the Sophomore Class throughout the year: Similar stress, as in the instruction in French, is laid on the education of the hearing to appreciate the living speech. Making simple German sentences is continued as an exercise throughout the year. In the second and third terms short modern prose works, by the best writers, are read. An elective course in the study of modern classical authors, of four hours a week throughout the year, is open to members of the Junior and Senior classes.

### BIBLE STUDY.

The study of the Bible is regularly pursued during one term of Freshman year in connection with the instruction in Greek. One of the first three Gospels is used as a text-book, and lectures are given on the history of the period, the transmission of the New Testament text, and the interpretation of the Gospels. The aim of the course is to secure as far as possible the historic background for a clear understanding of the life of Christ. One-half of the work is done in the library, on subjects assigned by the instructor; and the results of this library study are embodied in two essays, one of which is read before the class for discussion and criticism.

### MATHEMATICS.

The study of Mathematics is required throughout Freshman year. The course begins with a brief review of the elements of algebra, particularly quadratics; followed by a study of proportion, series and limits, undetermined coefficients, binomial theorem, and higher equations, this portion of the course being varied as the interest of each class may require. The work of the term is completed by the study of logarithms with applications drawn from plane geometry. The two following terms are given to solid geometry and plane trigonometry. To those desiring to do additional work, a brief course in some selected subject is offered the first term; one in practical mensuration or advanced algebra, in the second, with field work in surveying during the spring months.

The course in Sophomore year, beginning with a brief course in spherical trigonometry, includes analytic geometry, differential calculus with elementary integration.

Two courses, open to Juniors and Seniors, are given in alternate years. That for the current year is on advanced calculus and quaternions. In 1898–9 integral calculus will be given, extending the work of the present Sophomore division. This elective may be accommodated to the special needs or inclination of advanced students in case the usual course is not desired.

### CHEMISTRY AND MINERALOGY.

Work in this department begins with the Junior year and continues through the remainder of the course. In each branch an attempt is made not only to give the student a general knowledge of the science, but also to enable him to do such special work as will conduce to his success as a teacher, physician, or a practical chemist. A large part of the instruction is by laboratory work, and generous appropriations have resulted in the collection of apparatus and materials for this purpose in large amount. A short course of lectures upon the general principles of chemistry is followed by experimental work, by which these are proved and illustrated, and the elements of qualitative analysis learned. A course of lectures upon descriptive chemistry, in which organic chemistry is touched upon, concludes the course of Junior year. In the work of Senior year, qualitative analysis is continued and quantitative analysis taken up and dwelt upon till its principles are mastered. Each student is then allowed to do special chemical work as he may wish and the time of the instructor may allow.

In mineralogy the same plan is pursued. The course aims to give a general view of the science, and then to make this knowledge more specific by chemical and microscopic examination of minerals in the laboratory and by a course of lectures upon practical mining and the reduction of useful minerals and ores.

### PHYSICS AND ASTRONOMY.

Elementary Physics is elective during the first and second terms of Sophomore year. The course consists of the study of Ames's

Theory of Physics with laboratory practice. The advanced course is elective for such Juniors as have taken the elementary course and have shown some mathematical ability. The Junior laboratory is supplied with first-class instruments of precision for exact quantitative work.

Astronomy is elective for the Sophomores during the summer term. Young's Elements of Astronomy is used as a text-book, and the subject is illustrated with lantern slides. Advanced Astronomy is elective as a continuation of the Junior course in Physics. It consists mainly of practical work at the observatory in the making and reducing of observations. The observatory is supplied with fine instruments and a large astronomical library.

## BIOLOGY AND GEOLOGY.

The work in biology is naturally divisible into three parts, the first of which, occupying the third term of the Sophomore year, is largely devoted to the study of plants. It begins with an examination of both animal and vegetable cells, in order that something may be learned of the properties of living matter and of the principles of general biology. The structure and functions of plants are then taken up in greater detail.

The second part runs through the Junior year. Vital phenomena are then more extensively studied, and much time is spent in the investigation, both anatomically and histologically, of a few types of animals like the frog, lobster, clam, earthworm, starfish, hydroid, and sponge. With these as a basis the student is prepared to undertake the study of animals in respect to their general structure, development, and systematic relations. During the third term of this year particular attention is paid to the anatomy and physiology of mammals, with special reference to the human body.

The third part of the work extends through the Senior year, and is especially adapted to the needs of those who are intending to pursue the profession of medicine or are preparing themselves for the teaching of science in high schools and academies. It includes work in practical physiology and normal histology. Occasionally a short time is devoted to pathological histology. In all of the above courses abundant facilities are provided for laboratory

work, and this is required to such an extent as is deemed profitable to the student.

In geology the elements of the science are taken up in systematic order and as much illustration as is possible is given to each topic. Some attention is paid to local geology and the proper methods of geological observation. Studies of rocks and fossils, particularly those that can be collected by the students, occupy a portion of the time.

### DRAWING.

To assist the student in attaining some degree of facility in reproducing in sketches objects of study or analysis, practical instruction in drawing is available without expense, except a slight amount for materials used, to any member of the college. The work is conducted in the Lecture or Cast Room of the Walker Art Building, several hours each week, under the personal direction of the instructor, Mr. Currier. Each student is advanced as his individual ability justifies.

While the student is allowed to take up this work at any time, it is strongly recommended that he begin to learn to draw as early in his college course as is consistent with the demands upon his time.

#### PHYSICAL CULTURE.

A brief course of lectures on human anatomy and physiology, illustrated by means of the extensive collections and models of the Medical School, and followed by a similar course on personal hygiene, is given each class upon entering college.

The director of the Gymnasium gives each student a thorough medical and physical examination at the beginning of the college year. 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.

During the winter term each class is required to exercise in the Sargent Gymnasium, under the supervision of the Director, for a half hour on four days of every week. A graded course of class exercise has been arranged. The Freshmen have setting up drill and Indian-club swinging; the Sophomores, wrestling and dumb-bell exercises; the Juniors, boxing and fencing with single sticks and broadswords; the Seniors, fencing with foils. For the exercises with the chest weights, bars, rings, etc., each class is divided into three divisions, and the work is carefully graded to suit the strength of each division.

# SYNOPSIS OF THE COURSE OF STUDY.

[The course here outlined is that leading to the degree of B.A. Candidates for the degree of B.S. or B.L., in place of the required courses in Greek and in the modern language which they have studied in their preparatory course, will be admitted to such elective courses as they are qualified to pursue.]

# FRESHMAN YEAR.

#### FIRST TERM.

LATIN.—Livy, Selections from Books I., XXI., and XXII. History of the Punic Wars. Latin Composition; three hours a week.

GREEK.—Xenophon's Memorabilia; four hours a week.

MATHEMATICS.—Wentworth's Algebra; Solid Geometry; four hours a week. Extra Course.—Selected Subject.

French.—Whitney's Practical French Grammar; four hours a week.

Hygiene.—Lectures; one hour a week.

#### SECOND TERM.

LATIN.—Horace, Odes and Epodes, Selections; History of Roman Literature; four hours a week.

GREEK.—Homer; three hours a week.

MATHEMATICS.—Solid Geometry and Trigonometry; four hours a week.

Extra Course.—Mensuration, or Algebra.

FRENCH.—Modern Prose and Prose Composition; four hours a week.

ELOCUTION.—Class Exercises and Declamations; one hour a week.

#### THIRD TERM.

LATIN.—Selections from various authors; Latin Composition; four hours a week.

GREEK.—New Testament; four hours a week.

MATHEMATICS.—Trigonometry; four hours a week.

Extra Course.—Surveying.

French.—Modern Prose and Prose Composition: three hours a week.

ELOCUTION.—Class Exercises and Declamations; one hour a week.

#### ELECTIVE.

Drawing.—Two hours a week throughout the course.

## SOPHOMORE YEAR.

#### FIRST TERM.

GERMAN.—Whitney's German Grammar; four hours a week.

RHETORIC.—Genung's Practical Elements of Rhetoric; four hours a week.

ENGLISH COMPOSITION.—Four themes.

#### ELECTIVE.

LATIN.—Plautus and Terence; Private Life of the Romans; four hours a week. Greek.—Herodotus; four hours a week.

MATHEMATICS.—Analytic Geometry; four hours a week.

French.—Modern authors; four hours a week.

HISTORY OF ENGLAND.—Gardiner's Student's History of England, Vol. I.; four hours a week.

Physics.—Mechanics and Heat; Ames's Theory of Physics and laboratory work; four hours a week.

#### SECOND TERM.

GERMAN.—Modern Prose and Prose Composition; four hours a week.

English Composition.—Four themes.

#### ELECTIVE.

LATIN.—Horace, Satires and Epistles; Private Life of the Romans; four hours a week.

GREEK.—Thucydides; four hours a week.

MATHEMATICS.—Differential Calculus; four hours a week.

French.—Modern authors; four hours a week.

HISTORY OF ENGLAND.—Gardiner's Student's History, Vol. II.; four hours a week.

Logic.—Jevons's Logic; four hours a week.

Physics.—Light and Electricity; Ames's Theory of Physics and laboratory work; four hours a week.

#### THIRD TERM.

GERMAN.—Modern Prose and Prose Composition; four hours a week.

English Composition.—Three themes.

#### ELECTIVE.

LATIN.—Juvenal and Martial, or Persius; History of the First Century; four hours a week.

GREEK.—Demosthenes; four hours a week.

MATHEMATICS.—Differential Calculus; four hours a week.

French.—Modern authors; four hours a week.

BIOLOGY.—Bessey's Essentials of Botany; Gray's Manual; Lectures and laboratory work; four times a week.

HISTORY OF ENGLAND.—Gardiner's Student's History, Vol. III.; four hours a week.

Astronomy.—Young's Elements of Astronomy; four hours a week.

# JUNIOR YEAR.

#### FIRST TERM.

Biology.—Dodge's Elementary Biology; Hertwig's General Principles of Zoölogy; Laboratory work; four times a week.

CHEMISTRY.—Lectures and laboratory work; four times a week.

English Composition.—Four themes, required of all.

ENGLISH LITERATURE.—The literature of the eighteenth century; the transition from Classical to Romantic poetry, and the development of new prose forms. Lectures and readings; four hours a week.

GERMAN.—Schiller's Wilhelm Tell, with sight reading; four hours a week.

GREEK.—Tragedy; two hours a week.

AMERICAN HISTORY.—Thwaites's The Colonies; four hours a week.

LATIN.—Tacitus, Annals, with readings from Suetonius; two hours a week.

MATHEMATICS.—Advanced Calculus in 1897-8: Integral Calculus in 1898-9:

four hours a week.

Physics.—Laboratory work; four times a week.

POLITICAL ECONOMY.—Walker's Political Economy; four hours a week.

#### SECOND TERM.

Biology.—Dodge's Elementary Biology; Hertwig's General Principles of Zoölogy; Lectures and laboratory work; four times a week.

CHEMISTRY.—Lectures and laboratory work; four times a week.

English Composition.—Four themes, required of all.

ENGLISH LITERATURE.—The poetry of the nineteenth century; Dawson's Makers of Modern English; special studies in Wordsworth, Browning, and Tennyson; four hours a week.

GERMAN.—Goethe, with sight reading; four hours a week.

GREEK.—Tragedy; two hours a week.

HISTORY OF THE UNITED STATES.--Hart's Formation of the Union; four hours a week.

Latin.—Lucretius, Selections; two hours a week.

MATHEMATICS.—Advanced Calculus for 1897-98; Integral Calculus in 1898-9; four hours a week.

Physics.—Laboratory work; four times a week.

Political Economy.—Money and Banking; Jevons's Money and the Mechanism of Exchange; Taussig's Silver Situation in the United States; Dunbar's Theory and History of Banking; four hours a week.

### THIRD TERM.

Anatomy and Physiology.—Huxley's Physiology; four times a week.

Astronomy.—Practical Astronomy; four hours a week; open only to those who have taken Junior Physics.

English Literature.—The Prose of the nineteenth century; English and American authors; four hours a week.

GERMAN.—Von Klenze's Deutsche Gedichte, and Prose Composition; four hours a week.

GREEK.—Comedy; two hours a week.

HISTORY OF THE UNITED STATES.—Johnston's American Politics; four hours a week.

Latin.—Pliny the younger, with selections from Martial; or the Elegiac Poets; two hours a week.

Mathematics.—Quaternions for 1897-8; Elliptic Integrals in 1898-9; four hours a week.

MINERALOGY.—Lectures and laboratory work; four times a week.

POLITICAL ECONOMY.—Financial and Tariff History of the United States; Taussig's Tariff History and lectures.

# SENIOR YEAR.

#### FIRST TERM.

Anatomy and Physiology.—Wiedersheim's Comparative Anatomy; Laboratory work; four times a week.

ENGLISH LITERATURE.—From the Saxon conquest to the fifteenth century. Special studies in Beowulf, the Vision of Piers Plowman, and the Canterbury Tales; Lectures and readings; four hours a week.

GEOLOGY.—Le Conte's Elements, with lectures; four times a week.

GERMAN.—Heine's Prosa; four hours a week.

GREEK.—Æschylus, Prometheus; two hours a week.

Latin.—Cicero, Tusculan Disputations, or the Philippic Orations;  $two\ hours$   $a\ week.$ 

MATHEMATICS.—The same course as offered to the Juniors.

CHEMISTRY.—Qualitative Analysis; four times a week.

POLITICAL ECONOMY.—Socialism and the Labor Problem; text-book and lectures; four hours a week.

Psychology.—James's Psychology; four hours a week.

#### SECOND TERM.

CHEMISTRY.—Qualitative and Quantitative Analysis; four times a week.

English Literature.—The Elizabethan Period; special studies in Spenser, Shakespeare, and Bacon; Moulton's Dramatic Art of Shakespeare; Lectures and readings; four hours a week.

GERMAN.—Critical study of Goethe's Faust; four hours a week.

GREEK .- Pindar; two hours a week.

HISTORY OF PHILOSOPHY.—Weber's History of Philosophy; Selections from Descartes, Locke, and Berkeley; four hours a week.

LATIN.—Methods and aims of classical study, with readings from school authors; two hours a week.

MATHEMATICS.—Same course as offered to the Juniors.

Physiology and Histology.—Laboratory work; four times a week.

Political Science.—American Political Institutions; Bryce's American Commonwealth, Vol. I.; four hours a week.

Sociology.—Giddings's Principles of Sociology and lectures; four hours a week.

#### THIRD TERM.

CHEMISTRY AND MINERALOGY.—Laboratory work in different lines; four times a week.

Constitutional Law.—Cooley's Principles of Constitutional Law; four hours a week.

English Literature.—The literature of the seventeenth century; the Rebellion and Restoration period; special studies in Bunyan, Milton, and Dryden; Lectures and readings; four hours a week.

Ethics.—Muirhead's Elements of Ethics; Lectures on the History of Ethical Theory; four hours a week.

GERMAN.—Nineteenth century literature; four hours a week.

GREEK.—Greek Archæology; two hours a week.

LATIN.—Cicero, De Oratore, Book I., or Quintilian, Book X.; Latin writing; two hours a week.

Mathematics.—The same course as offered to the Juniors.

Physiology and Histology.—Laboratory work; four times a week.

Sociology.—Crime and Pauperism; Lectures and Readings; four hours a week.

Any elective that is not chosen by at least three persons may be withdrawn by vote of the Faculty.

# 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 consists of undergraduate students in good and regular standing, and is 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 President, however, is at all times at liberty to inquire into the conduct or character of any student, or the circumstances or causes of any disturbance. He may do this with a view of giving private admonition, advice, or warning to students or their friends, in which case his private action, if efficacious and acquiesced in by all concerned, may be final; but it is expressly understood that such private action of the President shall not have the weight of college censure.

#### RELIGIOUS EXERCISES.

The 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, a 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.

#### ABSENCE FROM COLLEGE.

It is of the utmost importance that students be present at College every day of term time, and only an absolute necessity should warrant absence. When pecuniary necessity makes it unavoidable, students may, upon seasonable petition and by vote of the Faculty, have leave of absence during a portion of term time, when actually engaged in teaching or in literary or scientific pursuits.

#### 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, shall complete an approved course of advanced study equivalent to one year's post-graduate work, and shall pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than the first of April 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.

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

### MARY FRANCES SEARLES SCIENCE BUILDING.

Instruction in the various branches of natural science is now given in this building. It contains lecture rooms and laboratories of ample size, fitted with all the conveniences which experience has shown to be desirable. Much new apparatus, made to order in the best workshops of this and foreign countries, has been added to that previously possessed by the College, and the aim will be to keep up with the rapid progress in science teaching, by adding from time to time whatever may be needed.

The building is on the western side of the College 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 projecting from the western side of each end, each about sixty feet long and forty-five feet wide. It is three stories in height besides 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 used in its construction. This makes it practically fire-proof. It is heated, lighted, and ventilated in the most perfect manner.

### WALKER ART BUILDING.

By the will of the Hon. James Bowdon, 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 (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 & 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 facade, 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, twentynine 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 to be 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 of artists of the foremost rank, the bronze relief portrait of Theophilus W. Walker, Esq., 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.

#### CLEAVELAND CABINET.

The upper portion of Massachusetts Hall, converted into a Cabinet of Natural History, through the liberality of the Hon. Peleg Whitman Chandler of Boston (Class of 1834), and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland, contains the various collections illustrating Natural History which belong to the College. These collections, to some of which accessions are constantly made, are the following:

The Museum of the First Geological Survey of Maine.

The Cleaveland 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.

The Blake and the Cleaveland Herbariums.

#### THE OBSERVATORY.

The recently erected 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. Alumni and friends have contributed generously toward building the field, which is held by the College for athletic purposes.

#### THE LIBRARY.

The College Library occupies Banister Hall, in the east end of the Chapel, and the two spacious wings adjacent. It contains fifty-six 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, with his assistants, is 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 to 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 vicinage, 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.

The Medical Library of 4,000 volumes is deposited in Adams Hall, which contains the lecture rooms and offices of the Medical Department.

# COLLEGE EXPENSES.

Term bills, containing college charges, are mailed to the parent and 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),	15.00	25.00	35.00
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
	\$250.00	\$330.00	\$450.00

The rent of college rooms for the current year is as follows:

# APPLETON AND MAINE HALLS.

Price per annu	um.					Number of room.
\$110.00,	•				•	. 5, 6, 7, 8, 21, 22, 23
102.00,					•	. 9, 11, 12, 24, 25, 26, 27
84.00,						10, 28
70.00,						. 1, 2, 3, 4, 17, 18, 19, 20
66.00,				•	•	13, 14, 15, 16, 29, 30, 31, 32
			,	WINT	HROP	HALL.
\$60.00,					•	. 7, 8, 21, 22, 23, 24
50.00,					•	. 5, 6, 11, 12, 25, 26, 27, 28
40.00,					•	9, 10, 29, 30
30.00,	•	•			•	. 13, 14, 15, 16, 19, 31, 32

In case of Appleton and Maine Halls, the cost of steam heat is included in the rent.

# SCHOLARSHIPS AND PRIZES.

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 1st.

## COMPETITIVE SCHOLARSHIPS.

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 the income of one thousand dollars annually 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 are paid to him in installments 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.

## MINISTERIAL SCHOLARSHIPS.

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

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 CONGREGATIONAL EDUCATIONAL SOCIETY.

Young men in need of aid, who are studying for the ministry of the Congregational church, may be assisted by this society to the amount of \$75 a year.

#### GENERAL SCHOLARSHIPS.

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 Scholarship.—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 (Class of 1833), who died in New Berne, North Carolina, in the service of the United States.

Charles Dummer Scholarships.—Six scholarships of \$1,000 each, 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 sods, 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 in Bowdoin College 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 (Class of 1837), the income of which is to go to students or graduates of the Bangor Theological Seminary who become students of this College.

Justus Charles Fund.—A fund of \$8,000, established by the will of Justus Charles of Fryeburg.

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 Stuart 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.

### 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 Prize.—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 (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 (Class of 1848) of Boston, 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 (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. (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.

# MEDICAL FACULTY.

REV. WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT. ISRAEL THORNDIKE DANA, A.M., M.D. ALFRED MITCHELL, A.M., M.D., SECRETARY. STEPHEN HOLMES WEEKS, A.M., M.D. CHARLES OLIVER HUNT, A.M., M.D. HON. LUCILIUS ALONZO EMERY, A.M. FREDERIC HENRY GERRISH, A.M., M.D. CHARLES AUGUSTUS RING, A.M., M.D. FRANKLIN CLEMENT ROBINSON, A.M. ALBERT ROSCOE MOULTON, M.D. CHARLES DENNISON SMITH, A.M., M.D. ADDISON SANFORD THAYER, A.B., M.D. JOHN FRANKLIN THOMPSON, A.M., M.D. WILLIS BRYANT MOULTON, M.D. FRANK NATHANIEL WHITTIER, A.M., M.D. ALFRED KING, A.B., M.D. EDWARD JAMES McDONOUGH, A.B., M.D.

Hon. WILLIAM LEBARON PUTNAM, LL.D., From the Board of Trustees.

JOHN ADAMS MORRILL, A.M., From the Board of Overseers.

GALEN M. WOODCOCK, M.D., RANDALL DOYLE BIBBER, M.D., Visitors from Maine Medical Association.

# MEDICAL SCHOOL OF MAINE.

THE MEDICAL SCHOOL OF MAINE, by an act of the Legislature, is placed under the superintendence and direction of the Boards of Trustees and Overseers of Bowdoin College. By their joint authority all degrees of M.D. are conferred.

The seventy-eighth Course of Lectures will begin January 6, 1898, and continue twenty-four weeks, ending June 22d. The introductory lecture will be delivered at three o'clock P.M., by Professor Franklin C. Robinson.

#### MEANS OF INSTRUCTION.

The Anatomical Museum is supplied with a valuable collection of casts, models, and dry and wet specimens which are constantly used in the anatomical and other exercises.

The Chemical Department possesses every article of apparatus essential to 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. They will be entered upon immediately after closing work in the dissecting room.

Instruction in Normal and Pathological Histology is afforded without extra charge. A short course of lectures upon Microscopy will be given by the Demonstrator of Histology. Students owning microscopes are requested to bring them for use in their classes.

Students are advised to prepare for their anatomical and physiological studies by the dissection of the cat, dog, rabbit, and frog, using Wilder & Gage's Anatomical Technology, Foster & Langley's Practical Physiology, or Huxley & Martin's Biology.

The new anatomical law will furnish a large amount of dissecting material, which will be supplied to students at cost.

#### CLINICS.

The Surgical Clinic will be held every Saturday morning, beginning at a quarter past eight o'clock and closing at quarter past eleven. The Medical Clinic will be held every Thursday morning, beginning at quarter past ten o'clock and closing at quarter past eleven. No medical cases will be received on Saturdays, and no surgical cases on Thursdays. All examinations in the presence of the class are made without charge. All surgical operations are gratuitously performed.

### TERMS OF ADMISSION AND FEES.

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 in cash of fees.

Candidates for Matriculation will be required to give evidence that they possess a good English education, including a knowledge of English Composition, Natural Philosophy, Mathematics, and such a knowledge of Latin as is embraced in the ability to read at sight exercises similar to those found in Harkness's Latin Reader; they will also be required to show that they have mastered the elements of Chemistry as taught in manuals similar to that of the inorganic part of Remsen's Introduction to Chemistry. Those who are graduates of Colleges, Normal Schools, High Schools, or have passed the entrance examination to any recognized College, on presentation of their diplomas or matriculation tickets, will be exempt from examination, providing that their previous studies have included Latin and Chemistry to an extent not less than herein prescribed. All without exception who have not such diplomas or tickets will be required to pass the entrance examination. entrance examination for the first year and examination of those who have not already passed the required examinations for entrance upon the second and third years, will begin at nine o'clock Thursday morning, January 6th.

The fees for admission to the several Courses of Lectures

(payable strictly in advance, and by cash only), are \$78 for first and second courses, and \$50 for the third course; matriculation fee, payable each term, \$5.

Pupils who have attended three full courses of medical lectures, two of which have been in this school, are admitted to all subsequent courses without payment of any lecture fees.

Students who have attended two full courses at other regular medical institutions are required to pay \$50 for admission to their first course of lectures at this school, in addition to the matriculation fee.

A fee of five dollars shall be paid for final examination in each department in which a student presents himself for examination previously to the payment of his diploma fee.

The payment of five dollars includes the cost of examinations of first and second years in Anatomy, Physiology, and Chemistry. A nominal charge will be made to cover the cost of materials used in the chemical laboratory. If a student fails to pass the examination in a given department in one year, he may be examined in a subsequent year in the same branch on payment of a fee of three dollars.

The total amount paid by a student in examination fees at five dollars each shall be credited on his diploma fee. The graduation fee (which is not returnable), including the diploma, is \$25.

No student will be allowed to attend any course of lectures in this school without the certificate of the secretary. Members of the medical profession are cordially invited to attend the lectures at any time.

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. They are not eligible for a degree from this school without attending a full course of lectures immediately preceding the examination for such a degree.

# EXAMINATIONS AND GRADUATION.

Students, and particularly candidates for graduation, will be examined at least twice each week in each department by its Professor.

The following regulations are provided in the departments of Anatomy, Physiology, Chemistry, and Obstetrics, these regulations not applying in whole to those who have previously attended two or more courses of lectures.

#### ANATOMY.

At the end of their first year in the school, students will be examined in histology, the anatomy of the skeleton and the viscera.

At the end of the second year students will be examined in the remainder of descriptive anatomy and in topographical anatomy. Two parts must have been satisfactorily dissected and demonstrated before admission to the second year examination and two full years of medical study completed. A part of the hours previously occupied with lectures will be devoted to text-book recitations.

#### PHYSIOLOGY.

At the end of the first year of study every student shall be examined in Physiology upon the functions of nutrition and reproduction, and if he 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 also be examined upon the functions of relation.

At the end of the second year of study every student shall be examined upon the functions of relation unless he shall have passed the entire examination at the end of the first year.

A portion of the hours in this department also will be devoted to text-book recitations from Blakiston's edition of Kirkes's Physiology.

#### CHEMISTRY.

The chemical course extends through two years. In the first year lectures and recitations are held three hours in each week. In the second year the course mainly consists of laboratory work in analytical and medical Chemistry six hours in each week for one-half the term.

At the end of the first year each student shall be examined upon the Chemistry of the first year. If he presents a certificate of having completed two full years of medical study or of having pursued approved courses in Chemistry in a reputable college or technical school, he may also be examined in the Chemistry of the second year.

At the end of the second year each student shall be examined on the chemical study of the second year unless he shall have passed the entire chemical examination the first year.

A student who has pursued approved courses in Chemistry in a reputable college or technical school may pass an examination on the Chemistry of the first year at the beginning of the course.

#### OBSTETRICS.

Any student may also present himself for final examination in Obstetrics at the regularly appointed time for examination, providing he previously presents to the Secretary satisfactory evidence that, at the close of the current term, he shall have completed at least two years of actual study and have attended two courses of lectures, the second of which must have been in this School. Recitations from a text-book will occupy a portion of the hours previously devoted to lectures.

Students will receive from the Secretary certificates of successful passing of final examinations in the departments of Anatomy, Physiology, Chemistry, and Obstetrics.

Students failing to pass the examination in Anatomy, Physiology, and Chemistry will be granted a re-examination at the beginning of the succeeding term, but failure upon that occasion will compel a repetition of the first year's work.

At the beginning of the third year a re-examination also will be granted those who fail in the examinations of the second year. If failure again results in any or all of these departments, it will prevent one from entering the graduating class.

The examinations for the degree of Doctor of Medicine are held at the close of the course of lectures. Degrees will be conferred upon Wednesday morning, June 22d, after the usual graduating exercises.

The candidates must be twenty-one years of age, and must have devoted three years to their professional studies under the direction of a regular practitioner of medicine. They must have attended three full courses of lectures in some regular, incorporated medical institution, and the last course previous to examination must have

been at this school. They must deposit with the secretary of the Faculty satisfactory certificates of good moral character, and of having pursued their medical studies for the required term. They must also pass a satisfactory written and oral examination in Anatomy, Physiology, Surgery, Chemistry, Pathology and Practice, Materia Medica, Obstetrics, Diseases of Women, Diseases of Children, and Medical Jurisprudence. They must also present a thesis on some medical subject, a fair copy of which must be deposited with the secretary of the Faculty at least ten days before the commencement of the examination at the close of the lectures. These copies are preserved in the medical library.

In accordance with a recent vote of the Faculty, it is hereby announced that in 1900 and thereafter four years of medical study will be required of all candidates for graduation.

#### MEDICAL STUDENTS—1897.

NAME.

Charles William Bell,

John Larrabee Berry,

Herbert Allen Black,

Joseph Perley Bodge,

Wilbur Fiske Browne,

- James Henry Dixon,

Fred Eugene Earle, Henry Libby Elliot,

Arthur May Fernald,

Charles Pearl Field,

Edward Emery Foster, John Joseph Gailey,

Samuel Thomas Ferguson,

Fred Fernald,

Thomas Harry Dixon,

Arthur Chapman Doten,

Charles Wilson Bibber,

Edville Gerhardt Abbott, Owen Abner Buck Ames, John Harold Bates, A.B., Freeman Elisha Bennett, Frank Weeks Blair, A.B., Joseph Cushman Breitling, Bertram Lewis Bryant, A.B, Charles Harvey Burgess, Nathaniel Purinton Butler, Horatio Smith Card, A.M., William H. Ashley Clark, Gilmann Horace Clough, George Appleby Coombs,

RESIDENCE. PRECEPTOR.

West Sullivan, W. S. Haskell. Fairfield, E. W. Boyer. West Sumner, Alden Bessey. Strong, F. H. Badger. Presque Isle, Frank Kilburn. Damariscotta, E. F. Stetson. Brunswick, Cyrus Kendrick. Boothbay Harbor, G. A. Gregory. Augusta, L. J. Crooker. L. O. Cobb. South Windham, Randolph, Mass., H. P. Merrill. Bowdoinham, Charles Palmer. Lowell, Mass., Charles D. Smith. Bangor, P. S. M. I. Portland, S. H. Weeks. Woodfords, J. F. Thompson. Charles Summer Christie, A.B., St. Albans, Fred W. Mann. Newton, Mass.,A. L. Emerson. Brunswick, G. M. Elliott. C. H. Cumston. Brunswick, Portsmouth, N. H., F. S. Towle. Sackville, N. B., C. C. Dixon. Woodfords, P. S. M. I. Kent's Hill, W. A. Wright. Thomaston, J. E. Walker. Nottingham, N. H., John W. Pray. Nottingham, N. H., John W. Pray. Manchester, N. H., G. D. Towne. E. T. Nealey. Bangor,Cumberland Mills, Frank W. Lamb. Watertown, Conn., A. D. Variell.

John Franklin Garland, A.B., South Wakefield, N. H., C. W. Gross. Cleveland, Ohio, F. N. Whittier. Norman John Gehring, W. E. Elwell. Harry Weston Goodspeed, Randolph, Mt. Desert. R. L. Grindle. J. Lowell Grindle, Lorenzo Walter Hadley, Ph.B., Frankfort, O. S. Erskine. Oscar Edwin Hanscom, A.B., Lebanon, L. O. Buzzell. Henry Brown Hart, Portland, B. F. Dunn. George Walker Hastings, Ph.G., Worcester, Mass., C. A. Peabody. Daniel William Hayes, Foxcroft, C. C. Hall. Wentworth Larrabee Hayes, Gardiner, W. P. Giddings. Brockton, Mass., A. L. Shirley. William Frank Hayward, Buckfield, J. C. Caldwell. Harry Marshall Heald, Gilead, Angus Gordon Hebb, A.B., J. Louville Bennett. Jefferson, N. H., C. H. Barnham. Clarence Eugene Hight, Benjamin Franklin Hodsdon, Springvale, Young & Luce. Charles Benjamin Hoit, Dixmont, E. E. Brown. Farmington, N. H., John Parker. Daniel Henry Holmes, Edward Curtis Hooper, Winslow, S. S. Debec. Hiram Lionel Horsman, A.B., Princeton, George F. Townsend. Liberty, Leroy Mason Howes, E. A. Porter. Wolfboro', N. H., L. B. Morrill. Frank Edgar Hoyt, Goodwin's Mills, Henry H. Brock. Henry Willis Hurd, Guy Howard Hutchins, Auburn, John Sturgis. Bela Geyza Illes, Middletown, Conn., H. S. Noble. Cody's, Queens Co., N. B., Spurgeon Judson Jenkins, A. F. Armstrong. Charles Edgar Johnson, Topsfield, L. Brehant. Frank Herbert Jordan, Milton, N. H., M. A. H. Hart. John William Joyce, Lewiston, J. A. Leader. Walter Scott Abbott Kimball, A.B., Portland, · T. P. Smith. Fort Fairfield, William D'Arcy Kinney, A. D. Sawyer. Charles Henry Leach, China, G. F. Nelson. Charles Milton Leighton, A.B., Portland, C. W. Bray. Farmington, N. H., H. P. Wheatley. Erving Asa Libbey, Ara Brooks Libby, A.B., Gardiner, Cyrus Kendrick.

Portland,

H. S. T. Harris.

Albion Henry Little,

Cooper Cuntic Littlefield A	O Can	D C M I
George Curtis Littlefield, A.I James Gardner Littlefield,	Bridgton,	P. S. M. I. P. S. M. I.
Oscar Leslie Long,	Bluehill,	
Walter Freeman Lyford,	South Atkinson	P. S. M. I. E. H. Lyford.
Frank Pierce Malone,	Portland,	•
Sumner Bradbury Marshall,	Bar Mills,	P. S. M. I.
Daniel William Marston,	Monmouth,	C. A. Dennett. E. P. Marston.
Thomas Henry McDonough,		O. S. Erskine.
Byron Wesley McKeen,	Winterport,	
	Fryeburg,	Elmer Noyes.
Henry Putnam Merrill, Jr.,	Portland,	Henry P. Merrill.
Walter Emery Merrill,	Portland,	Henry P. Merrill.
Herbert Eldridge Milliken,	Surry,	W. E. Emery.
Howard Augustus Milliken,	Surry,	W. E. Emery.
Alfred Mitchell, Jr., A.B.,	Brunswick,	Alfred Mitchell.
William Hiram Mitchell,	Kent's Hill,	W. A. Wright.
Harry Alton Moody,	′	John M. Wakefield.
Timothy Francis Murphy,	Lewiston,	J. A. Donovan.
Joseph Abbott Nile,	Rangeley,	F. H. Badger.
Sandy Brackett Nile,	Rangeley,	James Norton.
Dennis Joseph O'Brion,	Portland,	P. S. M. I.
Joseph Michael O'Connor,	Bidde ford,	P. S. M. I.
Leonard Oscar Packard,	Rockland,	Albert Woodside.
Philip Lamont Pease,	Corinna,	F. L. Redman.
Clarence Capen Peaslee,	Auburn,	G. L. Peaslee.
Edward Clifton Perkins, A.B.	, Wells Branch,	George Bourne,
Lester Forest Potter,	New Bedford, I	Mass., P. S. M. I.
Harry Lockwood Prescott,	Saco, Wi	lliam J. Mayberry.
Lester Given Purinton, A.B.,	West Bowdoin,	George W. Curtis.
Samuel Jackson Redman,	Hampden,	F. L. Redman.
Wallace Wilson Robinson, A	.B., East Deerin	ig, F. W. Mead.
Charles Cummings Rogers,		er, I. D. Harper.
George Herbert Rounds,		D. W. Rounds.
Frank Wayland Russell,	Yarmouth,	J. G. Pierce.
Ross Elliot Savage,	Bristol, N. H.,	G. H. Calley.
James Scott,		Guysboro, N. S.,
,	,	C. S. Elliott.
John William Schafer,	Brunswick.	William G. Brown.
William Frederick Schlaar, F		
The state of the s	continge	Charles E. Banks

Charles E. Banks.

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Richard Arthur Shields,	Auburn,	John A. Leader.
Ralph Dumphry Simons,	Madison,	Daniel S. Hunnewell.
George Eaton Simpson, A.B.,		William H. Parsons.
Ezra Byington Skolfield,	Brunswick,	Alfred Mitchell.
Fitz Elmer Small,	Limington,	P. S. M. I.
Guy Darwin Small,	Pitts field,	L. A. Merritt.
Charles Roscoe Smith, A.M.,	Wells Beach,	D. B. Crediford.
Leonard Clarence Smith,	Brewer,	P. S. M. I.
Lewis Franklin Soule, A.B.,	Phillips,	C. L. Toothaker.
Robert Edward Soule, A.B.,	Free port,	Daniel D. Spear.
Kirk Wheeler Spalding,	Sumner,	C. A. Cooledge.
Frederick Nathaniel Staples,	Temple,	A. G. Howard.
Elbridge Gerry Allen Stetson,	Brunswick,	C. E. Lancaster.
Joseph Franklin Starritt,	Warren,	J. M. Wakefield.
Benjamin Franklin Sturgis, Ju	., Auburn,	B. F. Sturgis.
Gardiner Luther Sturdivant,	Fryeburg,	Irving Maybury.
Albert Ham Sturtevant,	Bath,	W. E. Rice.
Eugene Dole Tapley,	Brooksville,	F. W. Snell.
Thomas Sumner Tapley,	Brooksville,	F. W. Snell.
Charles William Tarbell,	North Anson,	
John Budd Thompson, A.B.,	Topsham,	George S. Machan.
Walter Eaton Tobie,	Portland,	Alfred King.
Bernard Leroy Towle,		H., A. Towle.
George Henry Towle, Jr.,		H., G. H. Towle.
George Edward Washburn,	•	H. J. Fredericks.
Charles Jewett Watson,	Portland,	
Herbert Clark Wayland,		H., E. M. Wight.
Harry Llewellyn Webber,	Augusta,	R. J. Martin.
Claude Ryder Wellington,	Albion,	F. E. Withee.
Benjamin Franklin Wentworth		
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Daniel Webster Wentworth,	North Berwic	
Ernest Wentworth,	Auburn,	S. E. Wentworth.
Clarendon Morton Whitney,	Unity,	H. F. Benson.
Lawrence Edward Willard,	Woodfords,	P. S. M. I.
George M Woodman,	Westbrook,	J. L. Horr.
Albert Isaiah York,	Wilton,	B. F. Makepeace.
William Hilt Young,	Warren,	J. M. Wakefield.

# GRADUATING CLASS-1897.

NAME. THESIS. Charles William Bell, Augina Pectoris. Joseph Cushman Breitling, Fever and Surgical Fever. Nathaniel Purinton Butler, Mode of Spread of Infective Diseases. Samuel Thomas Furguson, The Relation of Physician and Nurse. Harry Weston Goodspeed, Cancer. Daniel William Hayes, Chronic Catarrh of the Bladder. Harry Marshall Heald, Hypnotism. Benjamin Franklin Hodsdon, Typhoid Fever. Prevention of Tuberculosis. Charles Benjamin Hoit, The Medical Use of Water. Leroy Mason Howes, Massage. Frank Edgar Hoyt, Alcoholism. Bela Geyza Illes, Antitoxin. Spurgeon Judson Jenkins, Charles Edgar Johnson, Practical Hints to the Physician. Charles Milton Leighton, A.B., The Specialist and the General Practitioner. Diabetes Mellitus. Erving Asa Libbey, George Curtis Littlefield, A.B., Symptoms of Nervous Diseases. James Gardiner Littlefield, Hypertrophy of the Prostate. Dennis Joseph O'Brion, Diagnosis. Clarence Capen Peaslee, Typhoid Fever. Everett Clifton Perkins, A.B., Nasal Catarrh. Lester Forest Potter, The Theory and Pathology of the Memory. Anæsthesia. Harry Lockwood Prescott, Rheumatism. Frank Wayland Russell, Mental Therapeutics. Ross Eliot Savage, Protection from Tubercular Infection. John William Schafer, Prevention of Disease. Charles Roscoe Smith, Physical Examination of Infants. Bernard Leroy Towle, Benjamin Franklin Wentworth, Associated Effort and Medical Progress. George M Woodman,

# APPOINTMENTS AND AWARDS.

# COMMENCEMENT APPOINTMENTS, 1897.

Archie Sherman Harriman.

George Monroe Brett,
George Edgar Carmichael,
Frederick Howard Dole,
Daniel Weston Elliott,
John George Haines,
Joseph William Hewitt,
Robert Lord Hull,

Samuel Page Ackley, Cecil Leroy Blake, Alfred Page Cook, Fred Keith Ellsworth, Robert Sidney Hagar, Charles Herbert Holmes, Fred Gustavus Kneeland, Hugh McCallum, John Hastings Quint, Frank Jackson Small, Harry Maxwell Varrell, Eugene Conrad Vining.

San Lorenzo Merriman, John Hinckley Morse, Edwin Francis Pratt, Frank Austin Stearns, William Frye White.

# CLASS OF 1868 PRIZE SPEAKING.

CLASS OF 1897.

Alfred Page Cook, Robert Sidney Hagar, John George Haines, Archie Sherman Harriman, Harry Maxwell Varrell, William Frye White.

# JUNIOR PRIZE DECLAMATION.

CLASS OF 1898.

Percival Proctor Baxter,
Harlan Melville Bisbee,
Arthur LeRoy Hunt,
William Witherle Lawrence,
Wendell Phillips McKown,
Thomas Littlefield Marble,

Robert Robertson Morson, Dwight Richard Pennell, Charles Sumner Pettengill, Edwin Ellis Spear, Frank Herbert Swan, Alfred Benson White.

# SOPHOMORE PRIZE DECLAMATION. CLASS OF 1899.

Francis Wayland Briggs, Archer Parris Cram, Lincoln Lewis Cleaves, Harold Fessenden Dana, Frank Leslie Dutton, Loton Drew Jennings, Francis Lewis Lavertu,
Willis Bean Moulton,
Arthur Huntington Nason,
Byron Strickland Philoon,
Winford Henry Smith,
Cony Sturgis.

# AWARDS IN 1897.

Goodwin Prize—William Frye White.

Class of 1868 Prize—John George Haines.

ENGLISH COMPOSITION PRIZES—Archie Sherman Harriman, Frederick Howard Dole, first prizes; Robert Sidney Hagar, Harry Maxwell Varrell, second prizes.

PRAY ENGLISH PRIZE—Joseph William Hewitt.

Brown Prizes for Extemporaneous Composition—Archie Sherman Harriman, first prize; George Edgar Carmichael, second prize.

JUNIOR DECLAMATION PRIZES—Harlan Melville Bisbee, first prize; Percival Proctor Baxter, second prize.

SOPHOMORE DECLAMATION PRIZES—Francis Lewis Lavertu, first prize; Willis Bean Moulton, second prize.

SEWALL LATIN PRIZE—Harold Fessenden Dana, Alton Amaziah Hayden.

SEWALL GREEK PRIZE—Lincoln Lewis Cleaves, Lucien Percy Libby.

SMYTH MATHEMATICAL SCHOLARSHIP—Wendell Phillips Mc-Kown, Drew Bert Hall.

Brown Memorial Scholarships—Alfred Page Cook, Class of 1897; William Witherle Lawrence, Class of 1898; Harold Fessenden Dana, Class of 1899; Joseph Walker Whitney, Class of 1900.

GOODWIN FRENCH PRIZE—Philip Mason Palmer.

# SUMMARY.

Medical Students, .		•	•	•	•		140
Senior Class, .						. 6	1
Junior Class, .					•	. 6	1
Sophomore Class	, .		•		•	. 5	6
Freshman Class,						. 5	9
Special Students,						•	6
							<b>–</b> 243
Total,							383
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	_						
	ABE	BREV	IATIO	NS.			
А. Н.,					. A	ppleton	Hall.
М. Н.,						Maine	Hall.
W. H.,					. W	inthrop	Hall.
P. S. M. I., .	Po	rtland	School	lfor	Medica	l Instru	ection.

# CALENDAR FOR 1897-8.

1897.			
Sept. 14—First Term began,		• •	Tuesday.
Oct. 24—Sermon before Y. M. C. A.,	•		. Sunday.
Nov. 25-28—Thanksgiving Recess, .		. Thursd	ay to Sunday.
Dec. 16—Sophomore Prize Declamation.	,		
Dec. 13–17—Examinations,		. Mono	day to Friday.
VACATION OF TWO	WF	EKS.	
1898.			
Jan. 4—Second Term begins,			Tuesday.
Jan. 6—Medical Term begins,		• •	Thursday.
Jan. 27—Day of Prayer for Colleges,			. Thursday.
Feb. 22—Holiday (Washington's Birthd	ay),		. Tuesday.
March 31—Senior Prize Speaking, .	•		. Thursday.
March 28-April 1—Examinations, .	•	. Mono	lay to Friday.
			· ·
VACATION OF ONE	WE	EK.	
1 17 70 (1)1 1 7 (1) 1			
April 12—Third Term begins,	•		Tuesday.
June 6-9—Senior Examinations, .	•	Monday	to Thursday.
June 6-9—Senior Examinations, . June 10-11—Ivy and Field Days, .	•	Monday . Friday	to Thursday.
June 6-9—Senior Examinations, .  June 10-11—Ivy and Field Days, .  June 13-17—Examinations,		Monday . Friday	to Thursday.
June 6-9—Senior Examinations, . June 10-11—Ivy and Field Days, . June 13-17—Examinations, . June 19—Baccalaureate Sermon, .	•	Monday . Friday . Mond	to Thursday. and Saturday. day to Friday. Sunday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation,	•	Monday . Friday . Mond	to Thursday. and Saturday. day to Friday. Sunday. Monday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day,		Monday . Friday: . Mond	to Thursday. and Saturday. day to Friday. Sunday. Mouday. Tuesday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation,		Monday . Friday: . Mond	to Thursday. and Saturday. day to Friday. Sunday. Mouday. Tuesday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day,	: : : : :	Monday Friday Mond  One of the control of the contr	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day, June 23—Annual Meeting of the Alumn	· · · · · · · · · · · · · · · · · · ·	Monday Friday Mond  hood,	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday. Thursday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day,	· · · · · · · · · · · · · · · · · · ·	Monday Friday Mond  hood,	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day, June 23—Annual Meeting of the Alumn June 24-25—Entrance Examinations,	eal S	Monday . Friday . Mond	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday. Thursday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day, June 23—Annual Meeting of the Alumn	eal S	Monday . Friday . Mond	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday. Thursday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day, June 23—Annual Meeting of the Alumn June 24—25—Entrance Examinations,  VACATION OF ELEVE	eal S	Monday Friday Mond  hool, Friday Friday	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday. Thursday. and Saturday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day, June 23—Annual Meeting of the Alumn June 24—25—Entrance Examinations,  VACATION OF ELEVE Sept. 12-13—Entrance Examinations,	eal S	Monday Friday Mond  hool, Friday Friday	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday. Thursday. and Saturday.
June 6-9—Senior Examinations, June 10-11—Ivy and Field Days, June 13-17—Examinations, June 19—Baccalaureate Sermon, June 20—Junior Prize Declamation, June 21—Class Day, June 22—Graduation Exercises of Medic June 23—Commencement Day, June 23—Annual Meeting of the Alumn June 24—25—Entrance Examinations,  VACATION OF ELEVE	eal S	Monday Friday Mond  hool, Friday Friday	to Thursday. and Saturday. day to Friday. Sunday. Monday. Tuesday. Wednesday. Thursday. Thursday. and Saturday.

# ALUMNI ASSOCIATIONS.

#### 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, Daniel Clark Linscott, Esq.; Secretary, William Gardner Reed, Esq., 10 Tremont Street, Boston, Mass.

### Association of New York.

President, Hon. John Holmes Goodenow; Secretary, Dr. Frederick Henry Dillingham, 326 West 45th Street, New York City.

### Association of Washington.

President, Hon. Melville Weston Fuller, LL.D.; Secretary, Mr. James Charles Strout, 124 E Street N. W., Washington, D. C.

# Association of the Northwest.

President, Leander Otis Merriam, A.M.; Secretary, John O. P. Wheel-wright, Esq., 420 Temple Court, Minneapolis, Minn.

#### Association of Portland.

President, Hon. Joseph W. Symonds, LL.D.; Secretary, Franklin C. Payson, Esq., 34 Exchange Street, 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.

### 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.

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 a representative of the College. Upon his certificate and recommendation students are admitted to the College without individual examination.

# FRYEBURG ACADEMY,

FRYEBURG, ME.

Incorporated February 9, 1792.

# 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, at very cheap rates.

#### CALENDAR.

Fall Term of 13 weeks, began September 14, 1897. Winter Term of 12 weeks, begins December 28, 1897. Spring Term of 11 weeks, begins March 29, 1897.

Examiner appointed by the College for 1898: Professor William MacDonald, Ph.D.

# WASHINGTON ACADEMY,

East Machias, Me.

Incorporated March 7, 1792.

# FRED OSSIAN SMALL, 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 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 \$4.00 a term, with no extra charges for languages or book-keeping.

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

#### CALENDAR.

Fall Term of 13 weeks, began September 6, 1897. Winter Term of 13 weeks, begins December 13, 1897. Spring Term of 13 weeks, begins March 21, 1898.

Examiner appointed by the College for 1898: Professor William Albion Moody, A.M.

# THORNTON ACADEMY,

SACO, ME.

Incorporated February 16, 1811.

# 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, Book-Keeping, and Commercial Law.

### 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 \$3.00 to \$6.00 a week.

### CALENDAR.

Fall Term began September 13, 1897. Winter Term begins January 3, 1898. Spring Term begins April 4, 1898.

Examiner appointed by the College for 1898:
Professor Frank Edward Woodruff, A.M.

# LINCOLN ACADEMY,

NEWCASTLE, ME.

Incorporated February 23, 1801.

# 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 13, 1897. Winter Term of 8 weeks, begins December 6, 1897. Spring Term of 11 weeks, begins February 7, 1898. Summer Term of 8 weeks, begins May 2, 1898.

Examiner appointed by the College for 1898: Professor William Addison Houghton, A.M.

