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# Colby College Catalogue 1928 - 1929

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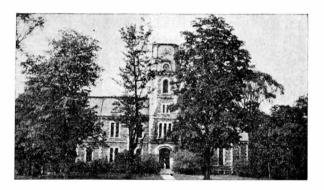
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# THE ONE HUNDRED AND NINTH ANNUAL CATALOGUE OF COLBY COLLEGE 1928-1929



MEMORIAL HALL

WATERVILLE, - MAINE

Published by the College, November 15, 1928

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Dates printed in italics are those upon which the College is not in session.

# THE COLLEGE CALENDAR, 1928-1929

1928

# FIRST SEMESTER

SEPT. 17, MONDAY,—Entrance Examinations begin.

SEPT. 19, WEDNESDAY,—Freshman Registration.

SEPT. 20, THURSDAY,—Opening Chapel, 9 A.M. (men) and 2 P.M. (women), and Registration for three upper classes.

Sept. 21, Friday,—Academic year begins, 8 a.m.

Nov. 11, SUNDAY,—Armistice Day.

Nov. 29, Thursday,—Thanksgiving Day holiday.

DEC. 14, FRIDAY,—Christmas Recess begins, 12 m. 1929

JAN. 3, THURSDAY,—Christmas Recess ends, 8 A.M.

JAN. 25, FRIDAY,—First Semester ends, 5.30 P.M.

JAN. 26, SATURDAY,—Deficiency Examinations, 9 A.M.

Jan. 28, Monday,—Mid-year Examinations begin, 9 a.m.

FEB. 2, SATURDAY,—Mid-year Examinations end, 12 M.

FEB. 4, MONDAY,—Mid-year holiday.

#### SECOND SEMESTER

FEB. 5, TUESDAY,—Second Semester begins, 8 A.M.

Feb. 22, Friday,—Washington's Birthday holiday.

March 22, Friday,—Easter Recess begins, 12 m.

April 4, Thursday,—Easter Recess ends, 8 a.m.

April 19, Friday,—Patriots' Day holiday.

MAY , SATURDAY,—Junior Class exercises.

MAY 27, MONDAY,—Entrance Examinations at Schools begin.

MAY 30, THURSDAY,—Memorial Day holiday.

JUNE 1, SATURDAY,—Second Semester ends, 12 M.

June 3, Monday,—Seniors' Last Chapel, 8.30 A.M.; Election of Courses for 1929-30: men, 9-12; women, 2-5.

JUNE 4, TUESDAY,—Final Examinations begin, 2 P.M.

JUNE 11, TUESDAY, -- Final Examinations end, 5 P.M.

JUNE 12, WEDNESDAY,—Entrance Examinations at Waterville begin, 9 A.M.

JUNE 13, THURSDAY,—Entrance Examinations end, 5 P.M.

June 14, Friday,—Final Faculty Meeting, 9 a.m.; President's Reception, 8 p.m.

June 15, Saturday,—Senior Class Day and Alumni Day; Meeting of Board of Trustees.

June 16, Sunday,—Baccalaureate Sermon.

June 17, Monday,—Commencement Exercises.

# THE COLLEGE CALENDAR, 1929-1930

1929

# FIRST SEMESTER

SEPT. 16, MONDAY,—Entrance Examinations begin.

SEPT. 18, WEDNESDAY,—Freshman Registration.

SEPT. 19, THURSDAY,—Opening Chapel 9 A.M. (men) and 2 P.M. (women), and Registration for three upper classes.

SEPT. 20, FRIDAY,—Academic year begins, 8 A.M.

Nov. 11, Monday,—Armistice Day holiday.

Nov. 28, Thursday,—Thanksgiving Day holiday.

DEC. 13, FRIDAY,—Christmas Recess begins, 12 m. 1930

JAN. 2, THURSDAY, —Christmas Recess ends, 8 A.M.

JAN. 24, FRIDAY,—First Semester ends, 5.30 P.M.

JAN. 25, SATURDAY, —Deficiency Examinations, 9 A.M.

JAN. 27, MONDAY,—Mid-year Examinations begin, 9 A.M.

Feb. 1, Saturday,—Mid-year Examinations end, 12 m.

FEB. 3, MONDAY,—Mid-year holiday.

# SECOND SEMESTER

FEB. 4, TUESDAY,—Second Semester begins, 8 A.M.

Feb. 22, Saturday.—Washington's Birthday holiday.

MARCH 21, FRIDAY,—Easter Recess begins, 12 M.

APRIL 3, THURSDAY,—Easter Recess ends, 8 A.M.

APRIL 19, SATURDAY.—Patriots' Day holiday.

MAY SATURDAY.—Junior Class exercises.

MAY 26, MONDAY,—Entrance Examinations at Schools begin.

MAY 30, FRIDAY,—Memorial Day holiday.

May 31, Saturday,—Second Semester ends, 12 m.

June 2, Monday.—Seniors Last Chapel, 8.30 A.M.; Election of Courses for 1930-31; men, 9-12; women, 2-5.

June 3, Tuesday,—Final Examinations begin, 2 p.m.

JUNE 10, TUESDAY,--Final Examinations end, 5 P.M.

June 11, Wednesday,—Entrance Examinations at Waterville begin, 9 a.m.

JUNE 12, THURSDAY,—Entrance Examinations end, 5 p.m.

JUNE 13, FRIDAY,—Final Faculty Meeting, 9 A.M.; President's Reception, 8 P.M.

JUNE 14. SATURDAY,—Senior Class Day and Alumni Day; Meeting of Board of Trustees.

JUNE 15, SUNDAY,—Baccalaureate Sermon.

JUNE 16, MONDAY,—Commencement Exercises.

# HISTORICAL STATEMENT

COLBY COLLEGE originated with the Baptist churches of the District of Maine. The Bowdoinham Association in 1810, the Cumberland Association and the Lincoln Association in 1811, appointed committees to petition the General Court of Massachusetts for the incorporation of an institution of higher learning, and a charter was granted February 27, 1813, entitled "An Act to establish a Literary Institution in the District of Maine", and the institution was to be known as THE MAINE LITERARY AND THEOLOGICAL INSTITUTION. The Trustees named in the act of incorporation organized with the choice of Rev. Sylvanus Boardman as president, and Rev. Otis Briggs as Secretary, and entered upon the preliminary work of establishing the College. By a resolve of the Legislature of Massachusetts, passed February 15, 1815, and in pursuance of Section 10 of the Act of Incorporation, Township No. 3, on the west side of the Penobscot river, was conveyed to the Trustees. It had been the design of the founders to establish the institution upon the township which now includes the towns of Alton and Argyle; but soon becoming convinced of the absurdity of locating a College in a region destitute of common schools and but sparsely inhabited, a petition was presented to the Legislature of Massachusetts requesting that body to authorize a more central location. The request was at once granted in an AcT approved June 12, 1815; and the Trustees were authorized "to locate in any town within the Counties of Kennebec and Somerset". The Trustees fixed upon Waterville, in Kennebec County, as the seat of the proposed College. Here the Theological Department was established July 6, 1818, under the direction of Rev. Jeremiah Chaplin, and the Literary Department in October, 1819.

By an Act passed June 18, 1820, by the Legislature of the State of Maine, the Trustees were "empowered to confer such degrees as are usually conferred by Universities established for the education of youth". And on the 28th of June, 1820, the Legislature appropriated the sum of one thousand dollars annually for seven years to the Maine Literary and Theological Institution, stipulating that at least one-fourth of the sum to be received should go toward the reduction of the tuition of deserving students. The name of the Institution was changed to Waterville College in 1821, the Act authorizing this

change having been passed by the Legislature of Maine on February 5, 1821.

An agent was appointed in 1859 to solicit subscriptions for the Endowment Fund of the College. No marked success attended his efforts until August, 1864, when Mr. Gardiner Colby of Boston subscribed \$50,000 on condition that \$100,000 additional should be raised. This condition was fulfilled, and in 1866, at the suggestion of President Champlin, the Trustees voted to ask the Legislature to change the name of the institution to Colby University in honor of its benefactor, Mr. Colby. By an Act of January 23, 1867, the name of the Corporation was accordingly changed to "The President and Trustees of Colby University". The benefactions of Mr. Colby, including the bequest received after his death, April 2, 1879, amounted to \$200,000. No further change was made in the name of the College until January 25, 1899, when, at the request of the Board of Trustees, the Legislature of Maine changed the style of the Corporation to its present form, "The President and Trustees of Colby College".

In 1871, young women were admitted to the College on the same terms as young men; and in 1890 the Board of Trustees adopted a plan proposed by President Small, and organized within the College a Division for young men, and a co-ordinate Division for young women. The conditions for entrance remain identical in the two Divisions. In class organization, rank, prize contests, appointments, and honors, the members of the two Divisions are treated as independently as though the institutions were distinct.

In June, 1920, the College celebrated its one-hundredth anniversary with appropriate exercises. This occasion was marked by the successful completion of a campaign for \$500,000, of which \$125,000 was pledged by the General Education Board of New York, a similar amount by Richard Cutts Shannon, of the class of 1862, and the remainder by the graduates and friends of the College.

During the administration of President Arthur J. Roberts (1908-1927) the College made marked progress in size of faculty, enrollment of students, equipment, and standards. At the time of his death in October, 1927, the institution was in a flourishing condition; and since then new buildings have been added and funds collected to improve still further the ability of the college to offer superior liberal education.

# OFFICERS OF THE CORPORATION

# President

Waterville

# Vice-President and ex-officio Chairman Board of Trustees

HERBERT ELIJAH WADSWORTH, B.A. Winthrop Center

# Secretary

EDWIN CAREY WHITTEMORE, D.D. Waterville

# **Treasurer**

FRANK BAILEY HUBBARD Waterville

# **BOARD OF TRUSTEES**

# Term Expires in 1929

WILLIAM CAMPBELL CRAWFORD, L.H.D. Allston, Mass. CHARLES EDSON OWEN, D.D. Waterville, Maine HARTSTEIN WENDELL PAGE, M.D. Worcester, Mass. Fort Fairfield, Maine HERBERT ELIJAH WADSWORTH, B.A.

Winthrop Centre, Maine
EDWIN CAREY WHITTEMORE, D.D.
†ALBERT FOSTER DRUMMOND, B.A.
†FRANK WENTWORTH ALDEN, B.A.

Waterville, Maine
New York City

# Term Expires in 1930

GEORGE CURTIS WING, LL.D. Auburn, Maine Washington, D. C. GEORGE OTIS SMITH, Ph.D. Lawrence, Mass. GEORGE EDWIN MURRAY, B.A. REX WILDER DODGE, B.S. Portland, Maine CHARLES EDWIN GURNEY, LL.D. Portland, Maine CARROLL NORMAN PERKINS, LL.B. Waterville, Maine WARREN COFFIN PHILBROOK, LL.D. Waterville, Maine †RANDALL JUDSON CONDON, LL.D. Cincinnati. O. †HERBERT SHAW PHILBRICK, B.A., B.S. Evanston, Ill.

# Term Expires in 1931

WOODMAN BRADBURY, D.D. Newton Centre, Mass. NORMAN LESLIE BASSETT, LL.D. Augusta, Maine IRVING BEMIS MOWER, D.D. Waterville, Maine LOUISE HELEN COBURN, Litt.D. Skowhegan, Maine FRANK WILLIAM PADELFORD, D.D. Newton Centre, Mass. CHARLES FREDERIC TAFT SEAVERNS, M.A. Hartford, Conn. GEORGE GOODWIN AVERILL, M.D. Waterville, Maine †FRANKLIN WINSLOW JOHNSON, L.H.D. Yonkers, N. Y. †JOHN EDWARD NELSON, B.A. Augusta, Maine

# Term Expires in 1932

†CHESTER HOUGHTON STURTEVANT, B.A.

†FRED FOSS LAWRENCE, B.A. Livermore Falls, Maine

Portland, Maine

# Term Expires in 1933

†EVERETT CARLTON HERRICK, D.D. Newton Center, Mass. †LEON CLIFTON GUPTILL, LL.B. Winthrop, Mass.

†Elected by the Colby Alumni Association.

# Committees of the Trustees, 1928-1929

# STANDING COMMITTEES

ACADEMIES: Messrs. Alden, Trafton, Mower, Whittemore, Herrick, Lawrence and Miss Coburn.

Buildings and Grounds: Messrs. Bassett, Perkins, Drummond and Averill.

COMMENCEMENT: Professor Weeks, Messrs. Padelford and Mower, Professors Parmenter, Ashcraft, and Weber.

Examining Committee: Messrs. Gurney, Crawford, Philbrook, and Nelson.

FINANCE: Messrs. Wing, Hubbard, Perkins, Sturtevant, and Averill.

HONORARY DEGREES: Messrs Padelford Dodge Johnson and

HONORARY DEGREES: Messrs. Padelford, Dodge, Johnson, and Philbrick.

Instruction: The Faculty cx officio and the Committee on Professorships.

INVESTMENT: Messrs. Murray, Perkins, and Lawrence.

Nominations: Messrs. Smith, Guptill, and Page.

Professorships: Messrs. Marriner, Crawford, Dodge, Bradbury, Condon, and Owen.

PRUDENTIAL: Messrs. Drummond, Perkins, and Guptill.

Scholarship Aid: Professor Marriner, Treasurer Hubbard, and the Dean of the Women's Division.

# SPECIAL COMMITTEES

New Gymnasium: Messrs. Wadsworth, Sturtevant, Seaverns, Drummond, and Guptill.

Nomination of President: Messrs. Smith, Padelford, Nelson, Wadsworth and Drummond.

WOMEN'S RECREATION BUILDING: Messrs. Smith, Padelford, and Sturtevant.

# Other College Officers

MALCOLM BEMIS MOWER, B.A.,

40 College Ave.

Registrar.

Frank Bailey Hubbard,

Champlin Hall.

Superintendent of Buildings and Grounds.

Champlin Hall.

Cashier.

SARAH W. PARTRICK,

HARRISON A. SMITH,

Foss Hall.

House Manager and Dietitian.

EDITH HUNT CHILDS,

77 Elm Street.

Secretary to the President.

MURIEL ESTES LEWIS, B.A.,

Assistant Librarian.

26 College Ave.

HAROLD EDWIN CLARK, B.A.,

229 Main Street.

Reference Librarian.

# **FACULTY**

33 College Avenue

#### President.

JULIAN DANIEL TAYLOR, M.A., LL.D.,

37 College Avenue.

Taylor Professor of the Latin Language and Literature.

A.B., Colby College, 1868; M.A., 1871; LL.D., 1900; Tutor, 1868-73, at Colby; Professor of Latin, 1873-1918; Taylor Professor of Latin, 1918—; Member of the Phi Beta Kappa Society.

CLARENCE HAYWARD WHITE, M.A.,

40 Burleigh Street.

Professor of the Greek Language and Literature.

Secretary to the Faculty.

Bristol Academy, Taunton, Mass.; B.A., Amherst College, 1886, M.A., 1902; Instructor in Greek, Amherst High School, 1885-86; Instructor in Latin and Greek, Bowen School, Hartford, Conn., 1886-87; Instructor in Latin and Greek, Carleton College, Northfield, Minn., 1887-91; Latin Master, Worcester Academy, Worcester, Mass., 1891-1902; Professor of Greek, Colby College, 1902—; Member of the Phi Beta Kappa Society.

GEORGE FREEMAN PARMENTER, PH.D., Sc.D.,

7 Sheldon Place.

Merrill Professor of Chemistry.

B.S., Mass. Agric. College, 1900; Boston Univ., 1900; M.A., Brown Univ., 1902; Ph.D., 1903; D.S. (Hon.), Colby, 1916; Instructor in Chemistry, Mass. Agric. College, 1900-01; Instructor in Chemistry, Brown Univ., 1901-03; Associate Professor of Chemistry, Colby College, 1903-04; Merrill Professor of Chemistry, Colby College, 1904—; Fellow: American Association for the Advancement of Science; Member of New England Society of Chemistry Teachers. American Chemical Society, and Honorary Scientific Society of Sigma Xi.

Webster Chester, M.A.,

47 Winter Street.

# Professor of Biology.

Bulkeley High School, New London, Conn.; B.A., Colgate University, 1900; M.A., Harvard University, 1908; Instructor in Biology, Colby Academy, 1900-02; Bond Foundation Lecturer in Biology, Bangor Theological Seminary, 1914—; Instructor in Biology, Colby, 1903-05; Associate Professor of Biology, 1905-10; Professor of Biology, Colby College, 1910—; Excuse Officer; Member of Phi Beta Kappa Society.

THOMAS BRYCE ASHCRAFT, PH.D.,

34 Pleasant Street.

Professor of Mathematics.

Wingate High School, 1903; B.A., Wake Forest College (N. C.), 1906; Ph.D., Johns Hopkins University, 1911; Principal, Wingate High School, 1906-07; Instructor, Baltimore

Polytechnic Institute, 1910-11; Associate Professor, 1911-13, and Professor of Mathematics, Colby, 1913—; Member of American Mathematical Society, Mathematical Association of America, and Phi Beta Kappa Society; Chapel Officer; Purchasing Agent, and Treasurer of the Colby Athletic Association.

Herbert Carlyle Libby, B.A., Litt.D., 73 Pleasant Street.

\*Professor of Public Speaking.\*\*

Colby College, 1898-1900; Curry School of Expression; B.A., Harvard College, 1904; D. Litt., Colby College, 1919; Superintendent of Public Schools, Waterville, 1909-12; Instructor in Vocal Culture, Bangor Theological Seminary, 1909-20; Instructor in Public Speaking, 1909-12; Assistant Professor, 1912-13; Professor of Public Speaking, Colby, 1913—; Registrar, 1909-21; Editor of College Catalogue, 1917-1925; Editor of Colby "Alumnus".

NATHANIEL ERNEST WHEELER, M.Sc.,

17 Boutelle Avenue.

Professor of Physics.

Colby Academy (New London, N. H.); B.S., Colby College, 1909; B.Sc., McGill University, M.Sc., 1911; Demonstrator in Physics, Senior Demonstrator, Lecturer in Physics, and Assistant Professor of Physics, McGill University, 1909-1920; Associate Professor of Physics, Colby College, 1920-21; Professor of Physics, Colby, 1921—; Member of American Physical Society, American Association for the Advancement of Science, and Society for the Promotion of Engineering Education.

C. HARRY EDWARDS, B.P.E.,

38 Morrill Avenue.

Professor of Physical Education.

B.P.E., Springfield (Mass.) Y. M. C. A. College, 1921; Professor of Physical Education, and Director of Athletics, Colby, 1921—.

ERNEST CUMMINGS MARRINER, B.A.,

4 West Street.

Professor of Bibliography.

B.A., Colby College, 1913; Head of the English Department, Hebron Academy, 1913-1921; Librarian and Professor of Bibliography, Colby College, 1923—; Member of the Phi Beta Kappa Society; Adviser to Freshmen men; Chairman of Administrative Committee, 1928—.

CURTIS HUGH MORROW, PH.D.,

3 West Court.

Professor of Economics and Sociology.

Mount Hermon School, 1907; B.A., Clark College, 1910; M.A., Clark University, 1911; Ph.D., 1927; Assistant in History, Clark College, 1910-1912; Scholar, Clark University 1910-1912, 1914-1916; summer sessions, 1921, '25. '26; Assistant Librarian, American Antiquarian Society, 1912-1918; Head of Department of History and Economics, Melrose High School, 1918-1920; Associate Professor and Head of the Department of Economics, Colby College, 1920-1924; Professor of Economics and Sociology, Colby College, 1924—; Secretary, Colby Chapter of Pi Gamma Mu; Member of The American Academy of Political and Social Science, The American Economic Association, and The American Sociological Society.

CARL JEFFERSON WEBER, M.A. (Oxon.), 42 Burleigh Street.

Roberts Professor of English Literature.

Baltimore City College, 1910; B.A., Johns Hopkins University, 1914; Queen's College, Oxford University, B.A., 1916; M.A., 1920; Instructor in English, Colby College, 1918-19; Assistant Professor of English, Colby College, 1919-20; Assistant in English, Johns Hopkins University, 1920-21; Instructor in English, United States Naval Academy, 1920-22; Instructor in Literature, Johns Hopkins University Summer School, 1923, 1925, and 1928; Assistant Professor, 1922-23, Associate Professor, 1923-25, and Professor of English, Colby College, 1925—; Secretary, Colby Chapter of Phi Beta Kappa; Director of College Extension Courses, 1924-28; Editor of the College Catalogue, 1925—; Member of the Modern Language Association, the National Council of Teachers of English, and the American Association of University Professors.

EDWARD HENRY PERKINS, PH.D.,

10 Lawrence Street.

Professor of Geology.

B.S., Wesleyan University, 1912; Ph.D., Yale University, 1919; Instructor in Chemistry and Geology, Rhode Island State College, 1915-18, and Assistant Professor, 1918-19; Professor of Geology, Western Ontario University, 1919-20; Assistant Geologist, U. S. Geological Survey, 1919-25; Associate Professor, 1920-26, and Professor of Geology, Colby, 1926—; Member of American Ornithologists Union, American Society of Mammalogists.

EDWARD JOSEPH COLGAN, M.A.,

12 West Street.

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Professor of Education.

Mass. Inst. Technology, 1905-06; A.A., Harvard College, 1917; A.M., Harvard University, 1920; University of Lyons, 1919; Harvard Graduate School of Education, 1920-21; University of Paris, 1921-22; Principal of Gillett (Ark.) High School, 1912-13; Principal of De Queen (Ark.) High School, 1913-14; Head of Department of Philosophy and Education, Alfred University, Alfred, N. Y., 1923-24; Professor of Education, Alfred University Summer School, 1923 and 1924; Associate Professor of Education, Colby College, 1924-28; Professor of Education, 1928—; Professor of Education. University of Vermont Summer School, 1927, 1928; Member of National Society of College Teachers of Education, New England Society College Teachers of Education, American Association of University Professors, Dept. of Superintendence of N. E. A., American Association for the Advancement of Science, Honorary Educational Fraternity of Phi Delta Kappa, and Kappa Phi Kappa.

NETTIE MAY RUNNALS, M.A.,

38 College Avenue.

Dean of Women. Professor of Education.

B.A., Colby College, 1908; M.A., Columbia University, 1920; Supervisor-of-Mathematics Diploma; Preceptress, Foxcroft Academy, 1908-11; Preceptress, Maine Central Institute, 1911-1916; General Secretary, Y. W. C. A., Lewiston, (Me.), 1916-17; Instructor in Mathematics, Highland Hall (Hollidaysburg, Pa.), 1918-20; Dean of Women, Colby College, 1920-26, and 1928—; Assistant Professor of Mathematics, Colby College, 1920-23; Professor of Mathematics, 1923-26; Dean of Women and Associate Professor of Education, Hillsdale College (Mich.),

1926-27; Miss Sayward's School (Philadelphia), 1927-28; Professor of Education, Colby College, 1928—; Member of the Phi Beta Kappa Society.

# GEORGE BURRAGE VILES, PH.D.,

34 Elm Street.

Acting Professor of German.

A.B., Harvard College, 1892; A.M., Harvard University, 1896; Ph.D., Cornell University, 1902; Diplome Superieure, Alliance Francaise, Paris, 1908; Instructor in German and French, Worcester (Mass.) Polytechnic Institute, 1892-95; Instructor in German, Cornell University, 1896-1904; Assistant and Associate Professor of German, Ohio State University, 1904-08; Substitute Professor and Acting Associate Professor of German, University of North Carolina, 1910-12; Professor and Head of Department of Romance Languages, Trinity College (Conn.), 1912-13; Acting Professor of German, Middlebury College, 1916; Instructor in French and Spanish, Williams College, 1917-20; Acting Professor of Romance Languages, University of Richmond, 1921-22; Professor of Modern Languages, Rhode Island State College, 1922-24; Acting Professor of German, Colby College, 1927—.

# HENRY EMERSON TREFETHEN, M.A.,

4 West Court.

Associate Professor of Astronomy.

Kent's Hill Seminary; B.A., Wesleyan University, 1882; M.A., 1885; Instructor, Kent's Hill, 1881-1911; Instructor in Astronomy, 1911-13, Assistant Professor of Astronomy, 1913-17, and Associate Professor of Astronomy, Colby College, 1917—; Member of Phi Beta Kappa Society, and Mathematical Association of America.

#### EUCLID HELIE, M.A.,

28 Winter Street.

# Associate Professor of French.

Lycée Louis-le-Grand, Paris, 1902-03; B.A., McMaster Univ., 1905; M.A., Clark University, 1908; Fellow, Clark University, 1908-09; Harvard University, 1910-11; Instructor, Worcester (Mass.) High School, 1914-16; Instructor, Northeastern College (Boston), 1916-17; Instructor in French, Colby College, 1917; Instructor, Roxbury Latin School, 1917-18; Instructor in French, 1918-20, Assistant Professor, 1920-22, and Associate Professor of French, Colby College, 1922—.

# ARTHUR GALEN EUSTIS, M.B.A.,

20 College Avenue.

# Associate Professor of Chemistry.

B.A., Colby College, 1923; M.B.A., Harvard School of Business Administration, 1926; Instructor in Economics, Colby College, 1924-25; Instructor in Business Administration, Northeastern University, 1925-26; Instructor in Business Administration, Colby, 1926-1927; Associate Professor, 1927—; Member of Kappa Phi Kappa Society, and Phi Beta Kappa Society.

# LESTER FRANK WEEKS, M.A., Associate Professor of Chemistry

32 Winter Street.

B.S., Colby College, 1915; M.A., Harvard University, 1916; Studied at Cornell, 1920-22; Instructor in Chemistry, University of Maine, 1916-17; Assistant Professor of Chemistry, University of Maine, 1917-18; Assistant Professor of Chemistry, Colby, 1918-20 and 1922-28; Associate Professor, 1928—; Member of Phi Beta Kappa Society.

EVERETT FISK STRONG, B.A.,

2781/2 Main Street.

Associate Professor of Romance Languages.

B.A., Wesleyan University, 1918: Studied at Columbia, 1920-21; Studied abroad, 1921-22; University of Toulouse, France, diploma, 1922; Master in French and Spanish. Salisbury School (Conn.), 1918-20; Horace Mann School (N. Y.), 1920-21; Instructor in Romance Languages. Colby College, 1922-28; Associate Professor, 1928—.

George Loveland Ridgeway, B.Litt. (Oxon.), 25 Winter Street.

Assistant Professor of History.

McKenzie School (Monroe, N. Y.); B.A., Princeton, 1923; B.Litt., Queen's College, Oxford University, 1928; Instructor in History, Lake Placid School, 1924; Instructor in History, Riverdale Country School (N. Y.), 1925-26; Assistant Professor of History and Acting Head of History Department, Colby College, 1928—.

WINTHROP HAMOR STANLEY, B.A.,

145 College Avenue.

Assistant Professor of Physics.

State Normal School, Farmington (Me.), 1904; B.A., Univ. of Maine, 1910; Univ. of Maine Summer School, 1914 and 1915; Mass. Inst. of Technology, Summer School, 1922; Sub-master, Norway High School, 1907-09; Principal, Greenville High School, 1910-13; Teacher of Science, Westbrook High School, 1913-17; Teacher of Physics. Deering High School, 1917-20; Instructor and Assistant Professor of Physics, Colby College, 1920—; Member of New England Association of Physics Teachers, American Physical Society, Phi Beta Kappa Society.

FLORENCE ELIZABETH DUNN, D.LITT.,

40 Pleasant Street.

Assistant Professor of English.

B.A., Colby College, 1896; N. Y. State Library School; M.A., Radcliffe College, 1922; D.Litt., Colby College, 1928; Teacher, Waterville High School, 1896-1900; Instructor in Latin, Colby, 1909-12; Instructor and Assistant Professor of English, Colby College, 1922—; Member of Phi Beta Kappa Society, American Library Association, Modern Language Association, and National Council of Teachers of English.

CECIL AUGUSTUS ROLLINS, M.A.,

35 Pleasant Street.

Assistant Professor of English.

B.A., Colby College, 1917; M.A., Harvard University, 1923; Teacher, Sedgwick (Me.) High School, 1914-15; Teacher of of Latin and History, Hebron Academy, 1917-18; Instructor in Latin and English, Colby, 1919-22; Instructor in English, 1924-26, and Assistant Professor of English, Colby, 1926—; Member of Phi Beta Kappa Society.

HERBERT LEE NEWMAN, B.D., M.S.T.,

2 West Court.

Assistant Professor of Religious Education and Director of Religious Activities.

B.A., Colby College, 1918; B.D., 1922, and M. S. T., 1927, Newton Theological Institution; Pastor, Hebron Academy, 1919;

Pastor, Worcester (Mass.), 1919-22; Instructor in Biblical Literature, 1922-26, and Assistant Professor of Religious Education, Colby, 1926—; Director of Religious Activities; Member of the Society of Biblical Literature and Exegesis, the National Association of Biblical Instructors, and the American Oriental Society

# THOMAS MORGAN GRIFFITHS, M.A.,

20 College Avenue.

Assistant Professor of History.

William Jewell College: B.A., 1912; M.A., 1913; Rochester Theological Seminary, B. D., 1916, and Fellow, 1923-25; M.A., Harvard University, 1925; Assistant Professor of History, Colby College, 1926—.

# LOWELL QUINTON HAYNES, M.A.,

35 Burleigh Street.

Assistant Professor of Philosophy.

B.A., Wake Forest College, 1911; M.A., 1913; Graduate Student, George Peabody College for Teachers, Summer 1915 and 1920; B.D., Newton Theological Institution, 1924; Principal, Round Hill Academy (N.C.), 1913-15; Student, Southern Baptist Theological Seminary, 1915-1916; Associate Principal, Haywood Institute (N.C.), 1916-18; Principal, Watauga Academy (Tenn.), 1918-22; Pastor, Butler (Tenn.), 1920-22; Pastor, First Baptist Church, Mansfield (Mass.), 1924-25; Instructor in Philosophy, Colby College, 1925-28; Assistant Professor, 1928—.

# CORINNE B. VAN NORMAN.

Mary Low Hall.

Instructor in Hygiene and Physical Education.

Lake Eric College; Boston Normal School of Gymnastics; Gilbert School of Dancing; Margaret Morrison Carnegie School of Technology; University of Pittsburgh; Director of Physical Education. Y. W. C. A., Pittsburgh, 1905-07; Winchester School, Pittsburgh, 1907-19; Highland Hall School, 1919-21: Mary C. Wheeler School, Providence, 1921-22; Instructor in Hygiene and Physical Education, Colby, 1922—.

# ELBRIDGE PERLEY EATON, B.S.,

5 Appleton Street.

Instructor in Chemistry.

B.S., Tufts College, 1927; Instructor in Chemistry, Colby College, 1927—; Member, American Leather Chemists Association, and of honorary engineering society, Tau Beta Pi.

# ALFRED KING CHAPMAN, M.A.,

36 Oak Street.

Instructor in English.

B.A., Colby College, 1925; M.A., Harvard University, 1928; Instructor in English, Colby College, 1928—; Member of Phi Beta Kappa Society.

# WALTER NELSON BRECKENRIDGE, M.A.,

20 College Avenue.

Instructor in Economics.

B.A., Tufts College, 1926; M.A., Tufts, 1928; Braker Teaching Fellow in Economics and Sociology, Tufts College, 1926-28; Instructor in Economics, Colby College, 1928—; Member of the Phi Beta Kappa Society.

ELMER CHAPMAN WARREN, B.S.,

28 Winter Street.

#### Instructor in Mathematics.

B.S., Mass. Inst. of Technology, 1926; Assistant Instructor in Physics, M.I.T., 1926-27; Instructor in Mathematics, Manlius School, 1927-28; Instructor in Mathematics, Colby College, 1928—; Member, American Association for Advancement of Science, and Mathematical Association of America.

# ARTHUR CLEARY WALLACE, B.A.,

11 Gilman Street.

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Instructor in French.

Berkshire Preparatory School, 1924; B.A., Harvard College, 1927; Instructor in French, Berkshire Preparatory School, 1927-28; Instructor in French, Colby College, 1928—.

# JOHN REED WALDEN, M.A.,

61 Elm Street.

Instructor in English.

B.A., Harvard College, 1926; Harvard School of Architecture, 1926-27; M.A., Harvard University, 1928; Instructor in English, Colby College, 1928—.

# HAROLD SOMERS FISH, B.A.,

Professors

11 College Avenue.

Assistant in Biology.

# Summary

10103013
Acting Professor
Associate Professors
Assistant Professors
nstructors
Assistant
Total 3.

# Committees of the Faculty

Administration. Professors Marriner, Taylor, Parmenter, Libby, Ashcraft, Weber and Runnals.

Admission. Professors Marriner, Libby, Runnals and Registrar Mower.

ATHLETICS. Professors Parmenter and Ashcraft.

CHAPEL. Professors Ashcraft, Haynes and Newman.

CURRICULUM. Professors White, Parmenter, Wheeler, Weeks and Dunn.

Dormitories. Professors Weber, Strong and Haynes.

GRADUATE STUDENTS. Professors Morrow, Chester and Colgan.

LIBRARY. Professors Taylor, Rollins, Dunn and the Librarian.

Non-Athletic Organizations. Professors Strong, Eustis, Morrow, Rollins and Newman.

Schedule of Courses. Professors White, Wheeler and Weeks.

Schedule of Extra-Curricular Activities. Professors Parmenter, Libby and Runnals.

Scholarship Aid. Professors Marriner, Runnals, and Treasurer Hubbard.

STANDING OF STUDENTS. Professors Chester, Weber, Weeks and the Registrar.

VISITING LECTURERS. Professors Libby, Weber and Eustis.

Women's Division. Professors Taylor, Morrow and Runnals.

# Student Assistants

OSBORNE C. BACON.	Chemistry
RICHARD E. BENSON,	Library
John A. Chadwick,	Library
L. Bernice Collins,	Library
GEORGE E. FLETCHER,	Chemistry
HAMILTON B. GRANT,	Library
IRENE G. HERSEY	Library
GILMAN S. HOOPER,	Physics
RALPH B. HURLBURT,	Physics
EDWIN D. MERRY,	Library
ERNEST E. MILLER,	Library
RENA J. MILLS,	Library
NORRIS W. POTTER,	Library
RALPH M. SNYDER,	Library
WILLIAM H. STINEFORD,	Library
HARRY E. TATTESALL,	Geology
WENDELL H. THORNTON,	Library
Joseph Trefethen,	Geology

# ENTRANCE REQUIREMENTS

Candidates for admission to the Freshman Class must show satisfactory qualifications by one of the following methods and must meet the terms of admission in accordance with the provisions concerning required and optional subjects given in the summary below.

# METHODS OF ADMISSION

# 1. BY EXAMINATION

Candidates for admission will be received on passing preliminary and final examinations in the required and optional subjects prescribed for entrance (page 21). Candidates who desire to do so may enter on passing complete examinations at *one* time in *five* fundamental subjects, and presenting principal's statement covering the remainder of the units prescribed for admission; for the B. A. Course the subjects are English, Latin, Algebra, Geometry, and one optional subject; for the B.S. Course, English, French *or* German, Algebra, Geometry, and one optional subject.

# (A) At the College

Examinations for admission are held on the Wednesday and Thursday preceding Commencement. Candidates will assemble at 9 A.M., Wednesday, June 12, 1929, at Chemical Hall. Examinations for admission are also held at the opening of the first semester, Monday and Tuesday, September 16-17, 1929.

# (B) At Preparatory Schools

Examination papers in all the required and optional subjects for admission to Colby (page 21) will be furnished to the principal of any high school or academy of good standing for such of his pupils as wish to take examinations for admission to college. These examinations will be held in 1929 on May 27, 28, and 29.

Applications for papers should be made to the Registrar and must be received not later than May 18. With the papers will be sent directions about the manner of conducting the examinations.

Examinations in admission subjects may be taken by candidates at the end of the second and third years of the preparatory school course. Examinations will not be given, however, on less than two years of English, French, or German.

# (C) Elsewhere

Examinations by the College Entrance Examination Board will be held in towns and cities throughout the United States in June, 1929.

Blank forms for the "Application for Examination" and the "Teacher's Recommendation" may be obtained from the Secretary of the College Entrance Examination Board upon request by mail. The Application should be returned to the College Entrance Examination Board, 431 West 117th Street, New York City. The Recommendation should be sent directly to the Registrar, Colby College.

A list of places at which examinations are to be held in June. 1929, will be published about March 1. Requests that the examinations be held at particular points should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1. The designation of the center to which the candidate will go for examination is an indispensable part of his application for examination.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1 by the College Entrance Examination Board. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty-five cents, which may be remitted in postage, will be made.

#### 2. BY CERTIFICATE

Entrance certificates will be received from such schools in New England as are approved by the College Entrance Certificate Board. The associated colleges are Amherst, Bates, Boston University, Bowdoin, Brown, Colby, Massachusetts Agricultural College, Middlebury, Mount Holyoke, Smith, Tufts, University of Vermont, Wellesley, Wesleyan, and Williams. All schools desiring the certificate privilege should apply before April 1st of each year to the Secretary of the Board, Professor Frank W. Nicholson, Wesleyan University, Middletown, Conn.

The qualifications of candidates for admission by certificate from schools outside New England will be determined by the Committee on Entrance Certificates.

Candidates for admission who can secure certification in only a part of the entrance requirement will be permitted to take examinations on other preparatory subjects which they have successfully completed but with too low a grade for certification.

It is understood that students admitted by certificate are on probation for the first semester, during which they must prove their ability to do college work as a necessary condition of their continuing with the class. In case of evident unfitness the student's connection with the college may be terminated at any time; even within the first semester.

# SPECIAL STUDENTS

At the discretion of the Faculty, students will be received to pursue special courses, providing they satisfy the instructors of such courses of their earnestness of purpose and their ability to pursue successfully the college studies they elect.

No special student is admitted to regular course except by certificate or examination; no special student is allowed to continue as such more than two years; and no special student is allowed to take part in intercollegiate athletics, or otherwise represent the college.

# ADVANCED STANDING

Candidates for advanced standing are examined in the various college studies that have been taken by the classes which they wish to enter, and are examined only at Waterville and at the time of regular college examinations.

Those who are admitted from other colleges must present certificates of their good standing, of their entrance credits, and of their college courses completed.

# TERMS OF ADMISSION

Candidates for admission to the Freshman class must offer credits amounting to a total of fourteen and one-half units. To count one unit a subject must be pursued for one school year, with five recitation periods a week. A subject pursued for a half year with five recitation periods a week, or for a full year with three recitation periods a week, counts only one-half unit.

The subjects *required* of candidates for admission count nine and one-half units, the remaining five units being chosen from the optional subjects.

If Greek or Latin is not presented for admission, French or German must be. Any language, to count for admission, must have been studied for two full years. The heads of the scientific departments of the college urgently advise candidates to present Latin among their subjects.

If, in the passage from preparatory school to college, duplication of modern language work should seem necessary or advisable, subtraction from entrance credits will be made.

# FOR THE B.A. COURSE

# FOR THE B.S. COURSE

Required	Required
English 3 Latin 4 †Algebra 1½ †Plane Geometry 1  — — — — — — — — — — — — — — — — — —	English 3 †Algebra 1½ †Plane Geometry 1 A modern language 2 A science 1 History 1
OPTIONAL         Greek       3         *French, 2 years       2         *German, 2 years       2         *Spanish, 2 years       2         Roman History       ½         Greek History       ½         ¶English History       ½         ¶American History       ½         Thysics       1         Chemistry       1         Solid Geometry       ½	OPTIONAL  Solid Geometry

†If three full years of Plane Geometry and Algebra have been taken, credit of three units will be allowed.

Mechanical Drawing, Manual Training and other preparatory subjects not named in the above lists, will be referred for credit to the committee on entrance examinations.

<sup>\*</sup>Each additional year counts one unit.

<sup>¶</sup>Counts one unit, if studied for a full year.

# DETAILED ENTRANCE REQUIREMENTS BY SUBJECTS

### **BIOLOGY**

Biology may be presented for entrance in one of three ways:

- 1. A year's work in Botany, consisting of five hours a week, including the subjects covered by Bergen's Foundations of Botany, or its equivalent.
- 2. A year's work in Zoölogy, consisting of five hours each week, including the subjects covered by such a book as Davenport's Introduction to Zoölogy, or its equivalent.
- 3. A year's work in Biology, consisting of a half-year's work in Botany, and a half-year's work in Zoölogy. Davison's Practical Zoölogy includes the amount expected for Zoölogy, and Bergen's Elements of Botany the amount desired for Botany.

A laboratory notebook, certified to by the teacher, must be presented. The notebook must contain carefully labeled diagrams of forms studied and notes made both in the laboratory and in the field. The laboratory time should include about three-fifths of all the time spent in the course, and living forms should be studied so far as possible. It is desired that these forms be found in the locality where the work is given. The greatest stress should be laid on the macroscopic features and little or no microscopic work will be expected. A herbarium will not be accepted in lieu of a notebook.

#### **CHEMISTRY**

A course in Chemistry of five hours a week for one year, equivalent to the work contained in any standard text-book written for preparatory schools.

The student will also be required to present at the time of entrance a notebook guaranteed by the teacher, containing the record of not less than forty experiments performed by himself under the direction of the teacher. The notebook should be presented at the Registrar's office at the time of entrance.

Qualitative analysis will not be accepted as an equivalent for laboratory work prescribed.

Candidates for advanced standing are examined only at Waterville, and at the time of the entrance examinations.

# **ENGLISH**

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

# **English Grammar and Composition**

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered: and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argumentation based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises whether oral or written.

#### Literature

The second object is sought by means of two lists of books, headed respectively reading and study, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their places in literary history.

#### A. READING.

The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He

should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

The books for Reading are arranged in the following groups, from each of which at least *two* selections are to be made, except that for any book in Group 5 a book from any other may be substituted.

- GROUP 1. Dickens: A Tale of Two Cities; George Eliot: Silas Marner; Scott: Ivanhoe or Quentin Durward; Stevenson: Treasure Island, or Kidnapped; Hawthorne: The House of the Seven Gables; Cooper: The Last of the Mohicans.
- GROUP 2. Shakespeare: Merchant of Venice; As You Like It; Julius Casar; King Henry V; The Tempest.
- GROUP 3. Scott: The Lady of the Lake; Coleridge: The Ancient Mariner; Arnold: Sohrab and Rustum. A collection of representative verse, narrative and lyric; for example, Palgrave: Golden Treasury (First Series): Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave: Golden Treasury (First Series): Book IV, with special attention to Wordsworth, Keats, and Shelley; Tennyson: Idylls of the King (any four): The Coming of Arthur, The Holy Grail, Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Longfellow: Tales of a Wayside Inn; The Eneid or The Odyssey in a translation of recognized excellence, with the omission, if desired, of Books I.V, XV, and XVI of The Odyssey.
- GROUP 4. The Old Testament (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther); Irving: The Sketch Book (about 175 pages); Addison and Steele: The Sir Roger de Coverley Papers; Macaulay: Lord Clive or History of England (chapter III); Emerson: Self-Reliance, and Manners; Franklin: Autobiography.
- Group 5. A modern novel. A collection of short stories (about 150 pages); a collection of contemporary verse (about 150 pages); a collection of prose writings on matters of current interest (about 150 pages); a collection of scientific writings (about 150 pages); a selection of modern plays (about 150 pages). (All selections from this group should be works of recognized excellence).

#### B. STUDY.

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

The books provided for study are arranged in three groups, from each of which one selection is to be made.

GROUP 1. Shakespeare's Macbeth or Hamlet.

- GROUP 2. Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas; Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home-Thoughts from Abroad. Home-Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper of Hamelin. "De Gustibus—" Instans Tyrannus, One Word
- GROUP 3. Macaulay: Life of Johnson; Carlyle: Essay on Burns, with a brief selection from Burns's Poems: Arnold: Wordsworth, with a brief selection from Wordsworth's Poems; Burke: Speech on Conciliation with America; Lowell: On a Certain Condescension in Foreigners, and Shakespeare Once More.

#### Examination

The examination will be divided into two parts. The first part will be upon the books required for Reading and will include questions upon grammar and the simpler principles of rhetoric. The second part of the examination will test the candidate's knowledge of the books required for Study and his ability to develop a theme through several paragraphs. Subjects will be drawn from books required for Study, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading.

#### **FRENCH**

#### ELEMENTARY FRENCH.

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The work to be done the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plurals of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproduction from memory of sentences previously read; (5) writing French from dictation.

During the second year, the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, of pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are Bruno's "Le tour de la France", Daudet's easier short tales, La Bédollière's "La Mère Michel et son chat", Erckmann-Chatrian's stories, Foa's "Contes biographiques" and "Le petit Robinson de Paris", Foncin's "Le pays de France", Labiche and Martin's "La poudre aux yeux" and "Le voyage de M. Perrichon", Legouvé and Labiche's

"La Cigale chez les fourmis", Malot's "Sans famille", Mairet's "La tache du petit Pierre", Mérimé's "Colomba", extracts from Michelet, and Verne's stories.

ADVANCED FRENCH.

During the third year the work should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are About's stories, Augier and Sandeau's "Le Gendre de M. Poirier", Béranger's poems, Daudet's "Le petit Chose". Coppée's poems, La Bèrte's "Mon oncle et mon curé". Halévy's "L'abbé Constantin", Labiche's plays, Loti's "Pêcheur d'Islande". Michelet's "Jeanne d'Arc", Molière's "L'Avare", and "Le bourgeois gentilhomme, George Sand's stories, Sandeau's "Mademoiselle de la Seiglière", Scribe's plays. Vigny's "La canne de jonc".

#### **GERMAN**

FIRST YEAR. Pronunciation; memorizing and frequent repetition of easy colloquial sentences; grammar: article, commonly used nouns, adjectives, pronouns, weak verbs and more usual strong verbs, more common prepositions, simpler uses of modal auxiliaries, elementary rules of syntax and word-order; abundant easy exercises in composition; 75-100 pages of graduated texts from a reader; constant practice in translating into German easy variations of text; and reproductions from memory of sentences from text.

SECOND YEAR. Continued drill on rudiments of grammar; 150-200 pages of easy stories and plays; continued translation into German of easy variations of matter read; and offhand reproductions, orally and in writing.

The following texts are recommended: (1) Andersen's Märchen or Bilderbuch, or Leander's Träumereien, about forty pages: (2) Hauff's Das kalte Herz or Zschokke's Der zerbrochene Krug; (3) Hillern's Höher als die Kirche. or Storm's Immensee; (4) a short story from Heyse or Baumbach or Seidl; (5) Benedix Der Prozess.

THIRD YEAR. Grammar: less usual strong verbs, use of articles, cases, auxiliaries, tenses and moods (particularly the imperative and subjunctive), word-order and word foundation; about 400 pages of moderately difficult prose and poetry; constant practice in paraphrases, abstracts and memory reproductions of passages read.

The following texts are recommended: (1) Chamisso's Peter Schlemihl; (2) a part of Freytag's Bilder aus der deutschen Vergangenheit; (3) a part of Fouque's Undine, or a part of Schiller's Geisterseher; (4) a short course in Lyrics and Ballads; (5) one classical play by Goethe, or Schiller, or Lessing.

#### GREEK

READING. Xenophon's Anabasis, Books I-IV. Homer's Iliad, Books I-III. Equivalent readings will be accepted.

PROSE COMPOSITION. The equivalent of one period a week for two years.

Teachers in the preparatory schools are urged to give particular attention to securing in their pupils (1) by constant drill upon inflections, analysis of forms, mood and tense synopses and principal parts, a mastery of the verb; (2) the habit of noting the derivation and composition of words and the primary meanings contained therein; (3) the ability to attack intelligently and translate at sight the simpler passages of Xenophon and of Homer, the aim being to encourage the student away from a slavish dependence upon lexicon or vocabulary; and (4) above all else, the habit of using simple and idiomatic English in translation. As a helpful means to this last end, it is recommended that occasionally written translations be required, and that these be thoroughly discussed and criticised by teacher and class.

#### HISTORY

GREEK AND ROMAN HISTORY.

- 1. Greek History to the death of Alexander, with due reference to Greek life, literature and art.
- 2. Roman History to the accession of Commodus, with due reference to literature and government.

As a preparation in Greek and Roman History, a course of study equivalent to five hours per week for one year will be necessary, and it will count one unit. The preparation of such a course will call for such general knowledge of each field as may be acquired from the study of an accurate text-book of about 300 pages, in each subject, supplemented by parallel readings, to a similar amount. Due attention should be paid to geography and the preparation of outline maps, and the effort should be made to train the judgment as well as the memory of the student, and to develop comparisons between historical characters and periods; and to require some form of written work, such as abstracts of reading, analyses of the text-book, to develop such faculties.

The following books are recommended for use in the schools:

Greek History,—Myers' or Botsford's or Oman's or Morey's History of Greece, or Breasted's Ancient Times, or West's Ancient History; Plutarch's Lives, or other good authorities.

Roman History.—Allen's Short History of the Roman People, or Botsford's or Myers' or Morey's History of Rome, or Breasted's Ancient Times, or

West's Ancient History; with additional readings in Plutarch's Lives, Ihne's Early Rome, Froude's Cæsar, or other authorities.

ENGLISH AND AMERICAN HISTORY.

- 1. English History, with due reference to social and political development.
  - 2. American History, with the elements of Civil Government.

The requirements as to quality and methods of work are the same as those prescribed for the courses in Greek and Roman History.

The following books are recommended:

- 1. English History.—Cheyney's or Andrews' or Larson's or Larned's or Coman and Kendall's History of England, or Montgomery's English History, or Walker's Essentials in English History; with additional readings in Green's History of the English People, Gardiner's Students' History of England, Creighton's Age of Elizabeth, Macaulay's History of England, or other authorities.
- 2. American History.—Johnston's or Fiske's or Channing's History of the United States, or Itart's Essentials in American History; with additional readings in Lodge's English Colonies in America, Higginson's History of the United States, the works of Parkman, Fiske, the "American Statesmen" series, or other authorities.

#### LATIN

READING. Cæsar's Gallic War, Books I-IV; or Books I-III, and Sallust's Catiline.

Cicero, seven Orations; or, the Orations against Catiline, the Oration for Archias, and two thousand lines of Ovid's Metamorphoses.

Vergil's Æneid, Books I-VI; or Eclogues and Æneid, I-IV.

Translations, at sight, of ordinary passages from Cæsar, Cicero's Orations, Vergil's Æneid, and Ovid's Metamorphoses. Instructors in the preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Latin.

PROSE Composition. The equivalent of at least one period a week for three years in Prose Composition.

#### MATHEMATICS

Thorough drill in Arithmetic is of vital importance in the study of Mathematics. It is assumed that facility in the use of integral and fractional numbers has been acquired in the lower grades, and that such topics as decimals, percentage, square and cube root, have been covered in the high school course.

ALGEBRA. The fundamental operations; factoring, including the finding of the highest common factor and lowest common multiple; solution of simultaneous equations of the first degree in two or more variables; the changing of questions into equations; radicals and exponents, solution of quadratic equations by completing the square, and

by factoring; problems depending on quadratic equations; ratio and proportion; arithmetical and geometrical progressions; the binomial theorem for positive integral exponents.

PLANE GEOMETRY. The theorems and constructions of good text-books; emphasis is laid on simple exercises.

ADVANCED MATHEMATICS. Students offering Advanced Mathematics for admission to college will be expected to present one or more of the following subjects: Advanced Algebra, including higher quadratic equations, binomial formula for any exponent, logarithms, series, determinants, the complex number and the theory of equations; Plane Trigonometry as treated by the usual text-books; Solid Geometry, including the theorems and exercises of the best text-books, mensuration of solids, and demonstration of simple original theorems.

#### **PHYSICS**

A year's work in Physics, five hours a week, covering the subject as presented in Millikan and Gale's First Course in Physics, Black and Davis's Practical Physics, or some equivalent text-book. A note-book containing the complete record of not less than thirty experiments performed by the student, should be presented for examination. At least one-half of these experimentes should be quantitative in their character. The note-book should be vouched for in writing by the instructor, and must be presented at the time of examination, or as soon thereafter as practicable, to the Registrar.

Candidates for advanced standing are examined only at Waterville, and at the time of the entrance examinations.

# PHYSIOGRAPHY

A course of five hours a week for one-half year, covering the subject as presented in Davis's Elementary Physical Geography or an equivalent text-book, with practical work in the laboratory or field, preferably in both. A note-book showing an intelligent record of observation study, certified to in writing by the instructor, must be presented at the time of examination.

# PHYSIOLOGY

Students presenting Physiology for entrance must have completed a half year's work in that subject. Such work should include a general study of the structures of the body, the organs and their functions, and the processes and methods of growth, as given in Blaisdell's Physiology, or its equivalent.

# GRADUATION REQUIREMENTS

I. The Faculty will recommend the conferring of the Bachelor's degree by the Board of Trustees upon those students who have successfully completed, under all the conditions specified below, 122 semester hours of approved study.

A semester hour is a course pursued one hour a week throughout one semester; the normal course of three recitation periods a week counts as three semester hours. The normal curriculum of five such semester courses totals fifteen semester hours; or thirty hours, for one year. Freshman students are required to take 32 semester hours; other students, 30 semester hours each year. (For permission to take more than 30 hours, i.e., more than five courses, see under "Election of Studies" in the "Administrative Rules.")

- II. For the successful completion of a course a mark of "D" (60-69) or higher must be obtained. No student will be recommended for a degree unless he has attained a mark of "C" (70-79) or higher in at least three-fifths of his courses; with the exception that, in counting the number of courses below "C" (i.e., in counting the number of "D's"), one shall be deducted for each "B" (80-89) received, and two for each "A" (90-100) received.
  - III. These courses are classified in three groups:-
- Group A: Language and Literature (including Public Speaking and Journalism).
- Group B: History and Social Sciences (including Art, Business Administration, Education, and Philosophy).
- Group C: Physical and Natural Sciences (including Mathematics).

In addition to courses specifically required below, each candidate for graduation must take at least two one-year courses in Group A; two one-year courses in Group B; and, if a candidate for the B.A. degree, two one-year courses in Group C; or, if a candidate for the B.S. degree, one one-year course in Group C.

A Major or a Minor in any group will satisfy that group requirement.

IV. From among the courses in *one* of these groups, the student must, at the time of the election of his Sophomore courses, select a Major Subject. Candidates for the degree will be required to complete before graduation a minimum of 24 semester hours in this

Major subject. This work must be arranged with the student's adviser—the head of the department in which the major subject is to be taken,—and may be begun only after his approval has been gained.

Students may "major" only in those subjects in which the college offers at least three full years' work. If a fourth year's course in that subject is not offered, the Adviser may approve a year's work in a related subject.

A student who has not offered sufficient work in Latin to satisfy the entrance requirement of four years in that subject, but who desires to pursue the course leading to the B.A. degree, may do so by electing three years of Greek in college (i.e., one year in addition to the two years of Elementary Greek). But neither Greek 1, 2, nor any other elementary Freshman language courses (English Composition 1, 3 or 2, 4. French 1, 2, German 1, 3, or 2, 4. or Spanish 1, 2), may be counted among courses in the major subject.

- V. At the time of the election of the Major Subject, an allied Minor, previously approved by the Adviser, must be selected, in which a minimum of 12 semester hours must be completed by all candidates for the bachelor's degree.
- VI. Until June, 1926, the requirements in modern languages were as follows:—
- (a) If a candidate for the Bachelor's degree has offered for entrance to the college two units in each of two modern languages, no further modern language study is required in college.
- (b) If a candidate for the degree has offered for entrance two units in one modern language, one additional year in a different language must be taken in college.
- (c) If a candidate for the degree has not offered for entrance at least two units in any modern language, two years of modern language study must be taken in college,—one year in one language and one year in a different language.

For classes entering since September, 1926, the requirement is:-

Two years of one modern language must be taken in college.

Candidates for graduation from the Class of 1929 may elect to satisfy either the old or the new modern language requirement.

VII. Of the following courses required of all candidates for the degree, all elementary courses except Chemistry must be taken in the Freshman year:—

English Composition 1 and 3, or 2 and 4

Mathematics 1 or 3 and 5; or 2 or 4 and 6.

Physical Education 1, 2, 3, 4, (also 5, 6, 7, 8, and Hygiene 1, 2 for women).

Public Speaking 1 and 3, or 2 and 4.

VIII. Courses not called "required" in VI or VII above are elective, from among which courses candidates for the degree must select, with the help of their advisers, courses to meet the requirements specified in the first five (I-V) paragraphs above.

# **SUMMARY**

These eight specifications of requirements for graduation may be summed up as in the following convenient table:—

English Composition 1, 3 or 2, 4

Mathematics 1 or 3 and 5; or 2 or 4 and 6.

Physical Education 1, 2, 3, 4 (also 5, 6, 7, 8, and Hygiene 1, 2 for women)

Public Speaking 1, 3, or 2, 4

For B.A. only: Greek 5, 6, or 7, 8 or Latin 1, 3 or 2, 4

For B.S. only: Chemistry 1, 2

and Physics 1, 3, or 2, 4

Two years of one modern language. (Class of 1929 may offer one year of each of two modern languages).

Two years in each Group (A, B, and C). B.S. students: one year only in Group C.)

Major: four years in one subject with approval of the head of the department.

Minor: two years in subject allied to Major.

# DEGREES .

#### 1. Bachelor of Arts and Bachelor of Science

The degrees of Bachelor of Arts and Bachelor of Science are conferred by the Board of Trustees, on the recommendation of the Faculty, upon those who have met the requirements specified above (page 30).

# 2. Bachelor With Distinction

The Bachelor's Degree with Distinction is awarded in three grades: with Distinction (cum laude), with High Distinction (magna cum laude), with Highest Distinction (summa cum laude).

CUM LAUDE. Students who attain a rank between eighty-eight and ninety-two percent throughout their college course will be recommended for a degree *cum laude*.

Magna Cum Laude. Students who attain a rank between ninety-two and ninety-five percent throughout their college course will be recommended for a degree *magna cum laude*.

SUMMA CUM LAUDE. Students who attain a rank of ninety-five percent or more throughout their college course will be recommended for the degree *summa cum laude*.

Marked Distinction. If at any time a student who has not obtained one of the *cum laude* grades should attain a rank of ninety-five percent in any department, such student may upon recommendation of the head of that department, and at the discretion of the Faculty, be mentioned on the Commencement Program as having attained *Marked Distinction* in that particular department.

#### 3. Master of Arts

A candidate for the degree of Master of Arts must be a graduate of this College or of an institution of similar rank. He must furnish to the faculty committee on graduate students and to the head of the department in which he pursues his major courses satisfactory evidence, such as a transcript of his undergraduate record, that he is fully prepared to undertake graduate study. He must register on or before October first; consultation with the faculty should precede that date.

Before he can be recommended for the degree, the candidate **must** fulfill the following requirements:

- 1. A candidate must pursue the equivalent of five courses of graduate study. Of these, three courses must be in the department of his major subject, and two courses in a minor subject which is closely related to his major department. The major subject must be one in which the student has completed at least twelve semester hours as an undergraduate. Under no circumstances are elementary courses in either major or minor subjects acceptable in fulfilling the requirements for this degree.
- 2. A candidate for this degree must submit a thesis not later than the fifteenth of May of the year in which he desires to be examined for the degree. This thesis must be approved by the head of the department in which the student pursues his major subject, and by the faculty committee on graduate students. Two typewritten copies of this thesis must be deposited with the librarian on or before June first.
- 3. The tuition fee is the same as for undergraduates, payable under the same regulations, including the deposit of a registration fee of \$50. In addition the candidate must pay a diploma fee of \$10. In courses that require the use of laboratories, a laboratory fee is charged.
- 4. A candidate for this degree must spend at least one academic year in residence at this college. A candidate who is permitted to serve as an assistant in any department of the college is required to spend at least two academic years in residence.
- 5. A candidate will not be recommended for this degree, unless he maintains in each of his courses a grade of "B" or better.
- 6. Courses taken, after graduation, in other institutions of approved standing by a candidate for this degree may be submitted for approval to the faculty committee on graduate students and to the head of the department in which the student takes his major courses; and if approved, such courses may be offered in place of part of the requirements set forth above; provided such courses are directly related to the major or minor subject of the candidate, and provided that in them a grade of "B" or better has been maintained. The granting of credit for graduate courses pursued in other institutions does not remove the residence requirement of one year.

# **CURRICULA**

The requirements just described may be met by following such a curriculum as the following.

#### FRESHMAN YEAR

Required:

English Composition 1 or 2 Mathematics 1 or 2 Public Speaking 1 or 2 Physical Education 1

Latin 1 or 2 (for B.A.) or Physics 1 or 2 (for B.S.)

Elect Two:-

Biology 1

Business Administration 1A

Chemistry 1

French Geology 1

German History 1A

Spanish

SOPHOMORE YEAR

Economics 1, 2

English Literature 1, 2

Major Subject I

Minor I

Science (Chemistry for B.S.)

Physical Education 3, 4

JUNIOR YEAR

Major Subject II

Minor II

Three electives

SENIOR YEAR

Major Subject III and IV

Three electives

# CURRICULUM FOR PRE-MEDICAL STUDENTS

The college strongly advises students who plan to study medicine to take four full years of college work, for the reason that most reputable medical schools demands such preparation; but for premedical students who intend to remain but *two* years in college the following courses are suggested:

FRESHMAN YEAR. Biology, Chemistry, French or German, Physics, and English Composition.

SOPHOMORE YEAR. Two courses in Chemistry (including Organic Chemistry and laboratory work); English, Physics (including laboratory work); Zoölogy (including vertebrate work).

# PRE-TECHNICAL COURSES IN SCIENCE

To meet the growing demand for scientific training, and to prepare students in advanced work leading to technical courses in Mechanical, Civil, Electrical, Sanitary, and Mining Engineering, Architecture, and Medicine, a number of courses in Mathematics, Drawing and Astronomy, Physics, Chemistry, Geology, and Biology, are offered under arrangements whereby students taking such courses, under the direction of the Faculty, will be admitted to advanced standing of at least Junior grade in the Massachusetts Institute of Technology, or other schools of similar excellence. In this way the combined College and Professional or Technical Courses may be completed in six years or less.

# CURRICULA FOR STUDENTS MAJORING IN ECONOMICS AND SOCIOLOGY

# 1. Business Administration

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FRESHMAN	FAR
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Math. 1 or 3 and 5; or 2 or 4 and 6

Public Speaking 1, 3

\*Latin 1, 3 or 2, 4: or

†Physics 1, 3 or 2, 4

History

English Composition 1, 3

Modern Language

JUNIOR YEAR

Economics 3, 4 or 5, 6

Business Administration 3, 4

Journalism 1, 2

Psychology 1, 2

Modern Language

# SOPHOMORE YEAR

Economics 1, 2

Accounting 1, 2

English Literature 1, 2

Modern Language

†Geology 1, 2 or

Chemistry 1, 2

SENIOR YEAR

Economics 5, 6 or 3, 4

Business Administration 5, 6

History

Sociology 1, 2

Modern Language

#### 2. Commerce and Consular Service

FRESHMAN YEAR

Public Speaking 1, 3

History

Math. 1 or 3 and 5; or 2 or 4 and 6

\*Latin 1, 3 or 2, 4: or

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†Physics 1, 3 or 2, 4 English Composition 1, 3

Modern Language

SOPHOMORE YEAR

Economics 1, 2

English Literature 1, 2

History

†Geology 1, 2 or

Chemistry 1, 2

Modern Language

\*A.B. students are required to take Latin or Greek.

†B.S. students are required to take Physics and Chemistry, and an additional year in Group C.

# **JUNIOR YEAR**

Economics 3, 4 or 5, 6

History

Modern Language

Sociology 1, 2

Business Administration 3, 4

# SENIOR YEAR

Economics 3, 4 or 5, 6

Sociology 3, 4 or 5, 6

Political Science

Business Administration 5. 6

Modern Language

### 3. Law

# FRESHMAN YEAR

English Composition 1, 3

Modern Language

Public Speaking 1, 3

\*Latin 1, 3 or 2, 4

†Physics 1, 3, or 2, 4

Math. 1 or 3 and 5: or 2 or 4 and 6

History

# IUNIOR YEAR

Economics 3, 4 or 5, 6

Sociology 1, 2

Foreign Language

History

Political Science

# SOPHOMORE YEAR

Economics 1, 2

English Literature 1, 2

†Geology 1, 2; or Chemistry 1, 2

Foreign Language

History

# SENIOR YEAR

Economics 3, 4 or 5, 6

History

Psychology 1, 2

Sociology 3, 4 or 5, 6

Foreign Language

#### 4. Social Economics

### FRESHMAN YEAR

Math. 1 or 3 and 5: or 2 or 4 and 6

\*Latin 1, 3 or 2, 4: or

†Physics 1, 3 or 2, 4

Biology 1, 2

English Composition 1, 3

French or German

Public Speaking 1, 3

## JUNIOR YEAR

Economics 3, 4 or 5, 6

English Literature 9, 10 or 11, 12

Sociology 3, 4 or 5, 6

French or German

History

### SOPHOMORE YEAR

Economics 1, 2

Sociology 1, 2

English Literature 1, 2

French or German

†Chemistry 1. 2 or

Geology 1, 2

# SENIOR YEAR

Economics 5, 6 or 3, 4

Psychology 1, 2

History

Political Science

Sociology 5, 6 or 3, 4

\*A.B. students are required to take Latin or Greek. †B.S. students are required to take Physics and Chemistry, and an additional year in Group C.

# COURSES OF INSTRUCTION

### ART

### PROFESSOR WHITE

1. CLASSICAL ART, with preliminary survey of the art of Egypt and Western Asia and with particular attention to Greek Sculpture. First Semester: Monday, Wednesday, Friday, 2.30; Greek Room.

Elective for Juniors and Seniors. Given in alternate years; given in 1929-30.

2. CHRISTIAN ART, with particular attention to Italian Painting. Second Semester: at the same hours and place.

Elective for those who have completed Course 1. Given in alternate years; given in 1929-30.

In these courses textbook outlines are supplemented with extra reading and with lectures illustrated by casts, photographs, color-prints, and lantern views. Along with the tracing of the development of art in its different homes and epochs, an effort is made to lay some foundation for true appreciation and correct taste.

#### **ASTRONOMY**

# Associate Professor Trefethen

Astronomy equipment in Shannon Observatory includes a very complete and excellent set of lantern slides,—many of them direct telescopic photographs of celestial objects,—photographs and drawings, a celestial sphere, a sextant, a terrestial telescope and an equatorial instrument with four-inch objective mounted in the observatory, provided with a solar and filar micrometer eyepiece.

1. General Astronomy. First Semester: Tuesday, Thursday, Saturday, 8; French Room.

Duncan's Manual of Astronomy is used as a text-book Recitations, discussions, informal lectures. Observations of astronomical phenomena and simple problems in practical astronomy. Study of almanacs, charts, globes, and lantern slides. Theory and use of instruments with practical exercises.

Elective for Juniors and Seniors.

2. General Astronomy. Second Semester: at the same hours and place.

Continuation of Course 1.

Elective for those who have completed that course.

# BIBLICAL LITERATURE

See page 85.

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# **BIBLIOGRAPHY**

#### PROFESSOR MARRINER

1. BOOKS AND LIBRARIES. First Semester: Tuesday, Thursday, Saturday, 11: History Room.

Study of the fundamental elements of library science, including classification, the card catalogue, reference research, the making of bibliographies, and a brief survey of the history of writing, printing and libraries. The course is designed, not to train librarians, but to provide prospective teachers and others with such knowledge as to enable them to use efficiently the various sorts of library material.

# Elective for Juniors and Seniors.

# **BIOLOGY**

# PROFESSOR CHESTER AND MR. FISH

1. General Biology. First Semester: Div. A, Wednesday, Friday, at 10; Div. B, Wednesday, Friday, at 11; Laboratory Divisions: (I) Monday, 1.30-3.30; (II) Tuesday, 1.30-3.30; (III) Thursday, 1.30-3.30; one quiz period each week at hour to be arranged.

Elective for Freshmen, Sophomores, and Juniors.

2. General Biology. (Continued). Second Semester: at the same hours.

Elective for those who have completed Biology 1.

Courses I and 2 are designed to acquaint students with the general biology of both the animal and plant organism. In them are studied the characteristics and physiology of protoplasm; cell structure and tissue differentiation; the anatomy, development and physiology of organisms; their distribution and relation to the environment and to each other. A brief survey of the theories of evolution and the methods of heredity are also included.

# Zoology

1. Botany. First Semester: Tuesday, Thursday at 8; Laboratory, Wednesday afternoon.

Open to all who have taken Biology 1 and 2. Not offered in 1928-29.

2. Zoölogy. Second Semester: Tuesday, Thursday, at 8. Laboratory, Wednesday afternoon.

Open to all who have taken Biology 1 and 2.

Botany 1 and Zoölogy 2 deal with the Natural History of plants and animals. Unlike Biology 1 and 2, which emphasizes the general principles connected with living things, these courses include the study of the classification, structure, development and life functions of plants and animals as we find them in nature. Illustrations of the various large groups are studied in the laboratory and field excursions tend to familiarize students with the commoner forms.

3. Vertebrate Anatomy. First Semester: Monday, Wednesday, Friday, 8-10.

Elective for Juniors and Seniors who have taken Biology 1 and 2.

4. Vertebrate Anatomy. Continuation of Course 3. Second Semester: at the same hours.

Zoölogy 3 and 4 are designed to acquaint students with the structure of the vertebrate animal. The fish, the amphibian, and the mammal are used as illustrations in the laboratory. In the class room descriptions of other forms, and comparisons of similar structures aid the student in obtaining an understanding of these forms.

- 5. HISTOLOGY. First Semester: Lectures and recitations: Wednesday and Friday, at 8; Laboratory on Wednesday afternoon.
- 6. Embryology. Second Semester: Lectures and recitations: Wednesday and Friday at, 8. Laboratory on Wednesday afternoons.

The development of the frog and chick will furnish the foundation on which the course is based. This course is continuous with 5.

Zoölogy 5 and 6 are open to Juniors and Seniors who have taken Zoölogy 3 and 4.

#### BUSINESS ADMINISTRATION

# Associate Professor Eustis

1. Elementary Accounting. First Semester: Tuesday, Thursday, Saturday, 11; Mathematics Room. Laboratory: Division A: Tuesday, 1.30; Div. B: Thursday, 1.30.

Note: For the first few classes this course will meet for recitation three times a week. For the balance of the year classes will meet twice a week for recitation and once a week for Laboratory work.

Although the work in Elementary Accounting is not a prerequisite for any of the advanced courses in the Department of Business Administration, it is, nevertheless, a most desirable background. It is suggested, therefore, that students intending to major in the Department of Business Administration take accounting in their Freshman

year

This course is to be distinguished from bookkeeping in that bookkeeping in general, consists of the study of a system, whereas accounting is the study of a set of principles. The student is taught to draw up a system of accounts which will insure the management of a business the information which it desires. The construction of the balance sheet and profit and loss statements, the theory of debit and credit, the ledger, controlling accounts, the work sheet, the handling of cash, sales, and purchases, are all considered in detail.

The method of instruction consists of class discussions, laboratory work on a practice set, the solution of problems, and the study of the text.

No previous knowledge of bookkeeping is required.

Elective for all classes.

2. Elementary Accounting. Second Semester: at the same hour and place.

This is a continuation of Course 1.

3. Corporation Finance. First Semester: Div. A: Monday, Wednesday, Friday, 10.20; Physics Classroom; Div. B, Tuesday, Thursday, Saturday, 8; Mathematics Room.

Although taking the point of view of the corporation in financial matters, much of this course will be of value to one who may be called upon to invest funds. An understanding of the various types of securities which may be issued and of the reasons underlying the choice of any particular one will be helpful to an investor.

The various security markets and the methods of trading

in securities are studied in detail.

The various forms of business organization, the types of securities, the principles of borrowing and the work of the promoter are considered. The marketing of securities, surplus and dividend policies, reorganizations, and consolidations, are considered in the year's work.

Elective for Sophomores, Juniors and Seniors.

4. CORPORATION FINANCE. Second Semester: Div. A and B; at the same hours and place.

This is a continuation of Course 3.

7. Industrial Management. First Semester: Monday, Wednesday, Friday, 8; Small Chemistry Lecture Room.

This is a survey course dealing with problems arising from material factors and personal relations which the management of a manufacturing concern must solve. Such matters as factory location and lay-out, internal organization, methods of wage payment, and personal problems are considered.

A problem book is used in this course.

Elective for Sophomores, Juniors, and Seniors.

8. Marketing. Second Semester: at the same hours and place.

This course considers the marketing of the various classes of consumers' goods, and also the marketing of industrial goods. Such subjects as consumer buying motives selling, advertising, and price policies, are considered in detail.

Elective for Sophomores, Juniors, and Seniors.

9. Advanced Accounting. First Semester: Tuesday, Thursday, Saturday, 9.00.

This is a continuation of Course 1 and 2. Considerable time is devoted to the discussion of accounting princples considered in the Elementary courses. Accounting statements, partnership and corporation accounts, are studied in detail.

Elective for Sophomores, Juniors and Seniors. Courses 1 and 2 are prerequisite.

10. ADVANCED ACCOUNTING. Second Semester: at the same hours and place.

This is a continuation of Course 9.

11. INVESTMENT BANKING. First Semester: Monday, Wednesday, Friday, 8; Small Chemistry Lecture Room.

This course considers the fundamentals of investment. the development of an investment policy, and the present methods of marketing securities.

Courses 3 and 4 are prerequisites. Not offered in 1928-29; given in 1929-30.

12. ADVERTISING. Second Semester: Same hours and place.

This is a general course in advertising and intended to familiarize the student with modern advertsing procedure and methods. The place of advertising in business, the methods of investigation, advertising appeals, the presentation of appeals, advertising mediums, and special fields of advertising are considered in detail.

Elective for Sophomores, Juniors and Seniors.

Not offered in 1928-29; given in 1929-30.

Note:—Freshmen with satisfactory business training or experience will be admitted to advanced courses at the discretion of the instructor.

# CHEMISTRY

PROFESSOR PARMENTER, ASSOCIATE PROFESSOR WEEKS, MR. EATON, AND ASSISTANTS

Students who plan to elect the full chemical course should begin work in chemistry on entering college. Sophomores may, upon the approval of the Department, elect Chemistry 1 and 5 simultaneously.

1. GENERAL CHEMISTRY. First Semester: Wednesday, Friday, 11: Laboratory Div. I. Monday, 10-12: Div. II. Tuesday, 1.30-3.30: one quiz period each week, at hours to be arranged.

Introduction: history, occurrence, distribution, preparation, properties and uses of the non-metallic elements and their principal compounds. Theoretical and Historical Chemistry. Lectures and recitations with lecture-table experiments. Individual laboratory work in which the student prepares the principal elements and their compounds

and studies their properties.

Required of Sophomores, B.S. Course. Elective for Juniors and Sophomores, B.A. Course and for Freshmen

who intend to take the full chemical course.

PROFESSOR PARMENTER. ASSOCIATE PROFESSOR WEEKS. Mr. FATON. ASSISTANTS.

2. General Chemistry. Second Semester: at the same hours.

Course 1 continued. History, occurrence, distribution, metallurgy, properties and uses of the metals, and the study of their principal compounds.

A brief study of some of the important organic com-

pounds. Lectures, recitations and laboratory work.

Required of Sophomores, B.S. Course. Elective for Juniors and Sophomores, B.A. Course, and for Freshmen who have taken Chemistry 1.

PROFESSOR PARMENTER.
ASSOCIATE PROFESSOR WEEKS.
MR. E.ATON.
ASSISTANTS.

3. HOUSEHOLD CHEMISTRY. First Semester: Wednesday, Friday, 9; Laboratory hours, Tuesday, 1.30-3.30.

This course will consist of a general discussion of the Chemistry of daily life and the application of the science to various activities of the household. Such subjects as textiles, dyeing, cleaning, laundering, cooking, etc., will be considered. Lectures, recitations and laboratory work.

Elective for students of the Women's Division who have passed Chemistry 1 and 2.

PROFESSOR PARMENTER.

4. CHEMISTRY OF FOOD AND NUTRITION. Second Semester: at the same hours.

A brief survey of the typical compounds of carbon will be made. Particular stress will be laid upon these compounds which are found in plant and animal tissues and the changes which food constituents undergo in the process of cooking, in digestion and under the action of micro-organism. Elementary physiological chemical problems will be discussed. Impurities in foods will be considered and simple tests for such substances made. Lectures, recitations and laboratory work.

Elective for students of the Women's Division who have taken Chemistry 3.

NOTE: Students of the Women's Division may take Chemistry 3, 4 and 5, 6 simultaneously.

PROFESSOR PARMENTER.

5. QUALITATIVE ANALYSIS. First Semester: Div. A, Tuesday, Thursday, Saturday, 10-12; Div. B, Monday, Wednesday, Friday, 2.30-4.30.

Lectures, recitations and laboratory work on the reactions of the metallic ions. A study of the separation and detec-

tion of the metallic radicals, based upon the theory of ionization and the law of mass action.

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Elective for students who have passed Chemistry 1 and 2.

Mr. EATON.

6. QUALITATIVE ANALYSIS AND INORGANIC PREPARATIONS. Second Semester: at the same hours.

A continuation of Course 5, emphasizing the detection of the acid radical in compounds. Considerable work is done in analysing alloys, minerals and technical products. An extensive study of the theory of ionization and of the law of chemical equilibrium is pursued. Several inorganic preparations are made, the products purified and their properties studied.

Elective for students who have passed Chemistry 5.

MR. EATON.

7. QUANTITATIVE ANALYSIS. First Semester: Tuesday, Thursday, Saturday, 8-10.

This course is arranged to give the student both theoretical and practical instruction in quantitative analysis as illustrated by selected gravimetric methods. The use of the analytical balance, method of weighing and calibration methods are studied. Frequent problems are given and written reports are required covering the theory and methods of analysis. Laboratory work with lectures and quizzes.

Elective for students who have taken or are taking Chemistry 5 and 6.

PROFESSOR PARMENTER.

8, QUANTITATIVE ANALYSIS. Second Semester: at the same hours.

A systematic consideration of the theories, practical instruction in quantitative analysis as illustrated by selected volumetric and electrochemical methods. Calibration methods are studied and frequent problems are given. Written reports are required covering the theory and methods of analysis. Laboratory work with lectures and quizzes.

Elective for students who have taken Chemistry 7.

PROFESSOR PARMENTER,

9. Organic Chemistry. First Semester: Monday, Wednesday, Friday, 2.30-4.30.

A study of the preparation, properties, reactions, and structure of the aliphatic hydrocarbons and their derivatives. Lectures, quizzes and laboratory work.

Elective for Juniors and Seniors who have passed or

are taking Chemistry 5 and 6.

Associate Professor Weeks.

10. Organic Chemistry. Second Semester: at the same hours.

A continuation of Course 9. A study of benzene, its derivatives and of the more important carbocyclic compounds. Special stress is laid throughout on the relation between chemical constitution and the chemical and physical properties. Lectures, quizzes and laboratory work.

Elective for those who have passed Chemistry 9.

Associate Professor Weeks.

11. PHYSICAL CHEMISTRY. First Semester: Wednesday, Friday, 10; Laboratory hours, Tuesday, 3.30-5.30.

A systematic consideration of the theories, fundamental laws and methods of physical chemistry; including stoichiometry; gases, liquids and solids; generalizations and applications of the phase rule; thermochemistry; colloid chemistry and photochemistry. Lectures, laboratory work on illustrative experiments. quizzes

Elective for Juniors and Seniors who have passed

Chemistry 6.

ASSOCIATE PROFESSOR WEEKS.

12. Physical Chemistry. Second Semester: at the same hours.

A continuation of Chemistry 11 including the law of mass action; modern theories of solutions; chemical kinetics; chemical equilibrium; catalysis; electrochemistry; radioactivity and atomic structure. Lectures, quizzes and laboratory work.
Elective for those who have passed Chemistry 11.

Students may elect Chemistry 7, 9 and 11 simultaneously.

ASSOCIATE PROFESSOR WEEKS.

13. INDUSTRIAL CHEMISTRY. First Semester: Monday, Wednesday, Friday, 8.

In this course a study is made of the more important applications of inorganic and organic chemistry to manufacturing purposes. The aim of the course is not only to give students a knowledge of factory methods which depend upon Chemistry, but also to give a broad cultural idea of the place which the subject of Chemistry holds in the development of modern industry. This is accomplished through lectures, collateral reading, and occasional excursions to manufacturing plants.

The First Semester's work deals with the application of inorganic chemistry to chemical industries. Lectures,

quizzes and visits to plants.

Elective for Juniors and Seniors who have taken or are taking Chemistry 7 to 10.

Mr. EATON.

14. Industrial Chemistry. Second Semester: at the same hours.

A continuation of Chemistry 13. A study is made of the more important applications of organic chemistry to the development of modern industry. Lectures, quizzes and visits to plants.

Elective for Juniors and Seniors who have passed Chem-

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MR. EATON.

15. Quantitative Analysis, Advanced. First Semester: Tuesday, Thursday, Saturday, 10-12.

Selected methods in gravimetric, volumetric, gasometric and electro-chemical analysis arranged to meet the needs of the individual student. Instruction is given in the use of such physical-chemical apparatus as the polariscope, colorimeter, refractometer, etc. Laboratory work with lectures and written reports.

Elective for Seniors who have passed Chemistry 7 and 8.

PROFESSOR PARMENTER.

16. TECHNICAL ANALYSIS. Second Semester: at the same hours.

This course is a continuation of Chemistry 15 and has to do with the quantitative study of technical, agricultural and industrial products. The analysis of iron and steel, lubricating oils, the complete analysis of coal with bomb-calorimeter methods, paint and soap analysis, water analysis for industrial and potable purposes, food analysis and the the analysis of fertilizer are some of the problems studied. The work so far as possible is arranged to meet the needs of the individual student. Laboratory work with lectures and written reports.

Elective for Seniors who have passed Chemistry 15.

PROFESSOR PARMENTER.

17. Organic Chemistry, Advanced. First Semester: Wednesday, Friday, 1.30-2.30; Laboratory hours, Monday, 1.30-5.30.

Lectures, recitations and quizzes on the more important general reactions of organic chemistry. Special reactions of interest to the advanced student will be considered. Some reading of papers in the chemical literature and reports on special subjects will be required.

The laboratory work will consist of more difficult preparations than those made in Chemistry 9 and 10. The preparations will be taken from a number of the more important laboratory manuals and from the original literature.

Elective for Seniors who have passed Chemistry 10.

ASSOCIATE PROFESSOR WEEKS.

18. Organic Chemistry, Advanced. Second Semester: at the same hours.

A continuation of Chemistry 17.

ASSOCIATE PROFESSOR WEEKS.

#### ECONOMICS AND SOCIOLOGY

Professor Morrow and Mr. Breckenribge

The students who intend to major in Economics and Sociology, or who plan to do graduate work in these subjects, prepare for foreign service, do social work, enter business, or study law, are advised to take one of the curricula suggested on page 36. These courses, while permitting a considerable degree of concentration, give the student the liberal education of a classical college.

#### **Economics**

1. Principles of Economics. First Semester: Div. A, Monday, Wednesday, Friday, 9, Economics Room; Div. B, Monday, Wednesday, Friday, 2.30, Economics Room; Div. C. Tuesday, Thursday, Saturday, 8, Economics Room; Div. D, Tuesday, Thursday, Saturday, 10.20, S. E. Room.

A brief survey of the development of economic thought is given. The theories of the Mercantilists, Kameralists, Physiocrats, and Adam Smith are discussed. A study of consumption, production, and distribution follows. Textbook, lectures, collateral reading. A paper on some economic topic is required of each student in the class.

Elective for Sophomores, Juniors, and Seniors.

PROFESSOR MORROW. MR. BRECKENRIDGE.

2. Principles of Economics. Second Semester: at the same hours and place.

This is a continuous course with Course 1. The subjects of banking, credit, labor, money, social insurance, socialism, tariff, and transportation are studied. Textbook, lectures, collateral readings.

Elective for Sophomores, Juniors, and Seniors.

Professor Morrow. Mr. Breckenridge.

3. Public Finance. First Semester: Div. A, Monday, Wednesday, Friday, 11.20; Geological Lecture Room; Div. B, Tuesday, Thursday, Saturday, 11.20; Geological Lecture Room.

Some of the most important topics of public finance are considered i.e., public expenditures, public revenues, taxation, public credit, and financial administration and legislation. Budgets, income taxes and war finance are considered.

Textbook, lectures, collateral reading, and special reports. Elective for students who have taken Courses 1 and 2. Not given in 1928-29.

4. International Trade. Second Semester: at the same hours and place.

Work in this course covers the theory of foreign and domestic trade. The effects of tariffs, bounties, and other interferences with world trade are examined. How transportation and the rates of foreign exchange enter into trade relations are discussed. A careful study of a text is supplemented by lectures, collateral readings, and reports.

Elective for students who have taken Courses 1 and 2. Not given in 1928-29.

5. Labor Economics. First Semester: Div. A, Monday, Wednesday, Friday, 11.20; Geological Lecture Room; Div. B, Tuesday, Thursday, Saturday, 11.20; Geological Lecture Room.

A study of the origin and development of labor organizations is followed by a discussion of the court interpretations in labor cases. Strikes, lockouts, boycotts, methods of settling industrial disputes, theories of wages, and unemployment are studied. Each student selects an aspect of the labor problem which he makes his topic for special study and on which he reports to the class.

Textbook, lectures, reports and collateral reading. Elective for students who have taken Course 1 and 2.

Mr. Breckenridge.

6. Money and Banking. Second Semester: at the same hours and place.

The evolution of money; the functions of banking; the banks of France, Germany, Great Britain, the United States and the Federal Reserve Bank, are studied. Textbook, lectures, collateral reading, and papers on assigned topics.

Elective for students who have taken Course 1 and 2.

Mr. Breckenridge.

# Sociology

1. Principles of Sociology. First Semester: Div. A, Monday, Wednesday, Friday, 11.20; Div. B, Tuesday, Thursday, Saturday, 9; Economics Room.

This is a study of the origin, growth and structure of Human Society. Heredity, environment, activities, forms of social organization and social control are discussed. Textbook, lectures, and collateral reading. A paper on a sociological topic is required of each student.

Elective for Sophomores, Juniors, and Seniors.

Professor Morrow.

2. Social Problems. Second Semester: at the same hours and place.

Special social problems; such as the family, population, immigration, negro, city, country, pauperism, crime, socialism, and social progress are studied. Lectures, textbook, and special reports.

Elective for Sophomores, Juniors, and Seniors who have

taken Sociology 1.

Professor Morrow.

3. Social Theory. First Semester: Monday, Wednesday, Friday, 8; Economics Room.

This course traces the development of social theory as a normal product of the mind reacting to its social environment. To do this an account of the economic, political, and social conditions of the period studied is given. The theories of the most important social writers from Plato to the present time are studied. Textbook, lectures, reports,

Elective for students who have taken Sociology 1 and 2.

Not offered in 1928-29.

PROFESSOR MORROW.

4. Sociology Seminar. Second Semester: at the same hours and place.

Students in this course must prepare reports on assigned sociological topics; and these reports form the basis for class discussions. A paper embodying the work of each student is required. Some time is given to methods of field work and social research.

Elective for students who have taken Sociology 1 and 2.

Not offered in 1928-29.

PROFESSOR MORROW.

5. IMMIGRATION AND AMERICANIZATION. First Semester: Monday, Wednesday, Friday, 8; Economics Room.

A study of immigration is made from its historical, economic, political, and social aspects. This is followed by a survey of the agencies and methods of Americanizing the immigrants. Lectures, reports, textbook,

Elective for students who have taken Sociology 1 and 2.

Professor Morrow.

6. Poverty and Dependency. Second Semester: at the same hours and place.

Of all the social problems poverty is one of the most important. The Socio-economic factors that cause an increase in the number of capable and industrious people who become dependents are studied. Methods of relief and prevention receive careful consideration.

Lectures, textbook, reports.

Elective for students who have taken Sociology 1 and 2.

Professor Morrow.

# **EDUCATION**

PROFESSOR COLGAN AND PROFESSOR RUNNALS

The College, through this Department, has undertaken to meet in full the minimum requirements established by the Maine State Department of Education for preparation for the Professional Secondary Certificate. That certificate is granted to qualified college graduates who have taken 15 hours of approved work in Education, in addition to a course in general psychology.

In an attempt to meet the demands of modern education for high-school teachers who have had professional training for their work, most states have requirements similar to those established by the State of Maine. Although the holder of a diploma from an accredited college can obtain a teaching position in a public high school, the requirements for a professional certificate must be met either before graduation or within a stated time, usually not more than two years, after beginning to teach.

Note.—No student will be permitted to take more than two full courses (12 semester hours) in Education in any one year.

#### Education

1. HISTORY OF EDUCATION IN EUROPE. First Semester: Monday, Wednesday, Friday, 2.30; Education Room.

The purpose of the course is to lead to an understanding of modern education as the outcome of a long series of historic events in which present-day ideals, standards, modes of teaching, and methods of educational organization and administration have slowly evolved.

Prescribed reading, class discussions, and lectures.

2. HISTORY OF EDUCATION IN THE UNITED STATES. Second Semester: at the same hours and place.

This course undertakes to show the genetic relationship of American education with its European sources and to trace the development of education in the United States from its colonial beginnings, through the periods of state and national growth, to the development of present-day methods, curricula, and aims. A survey will be made of the major problems in American education.

Courses 1 and 2 are elective for Seniors and Juniors and are open to Sophomores after conference with the instructor. They are of particular value as try-out courses to students who are considering teaching as a profession.

Note: As the State requires only a minimum of 3 semester hours in the history of education, the completion of either one of these courses will satisfy certification requirements in this subject.

3. Social Principles of Education. First Semester: Monday, Wednesday, Friday, 11; Education Room.

The course deals with the basic elements in the social and ethical theory of education, surveys contemporary educational conditions, and defines the function of education in social and individual life.

Lectures, discussion, school visits, textbook and supplementary reading.

Elective for Juniors and Seniors.

4. Educational Psychology (Learning Process). Second Semester: at the same hours and place.

Application of the principles of general psychology to the problems of education, with special reference to the psychology of the learning process.

Lectures, discussions, class experiments, school observa-

tions, textbook and supplementary reading.

Elective for Juniors and Seniors.

5. General Methods of High-School Teaching. First Semester: Div. A (for men only): Tuesday, Thursday, Saturday, 11; Education Room; Div. B (for women only): Tuesday, Thursday, Saturday, 11; Foss Hall.

A study of the learning and teaching processes in their relation to methods of classroom instruction and management; the relationships of school, teacher, and community; professional and ethical standards of the teacher; discipline, drill, and other phases of class instruction; the use of the question; the lesson plan; directed study; problems of the novice in teaching; and observation of secondary-school teaching.

Lectures, discussions, class demonstrations, textbook and supplementary reading, and observation reports. Elective for Seniors.

Note:—In 1928-29 Education 5 will be given in the second semester, and Education 6 will be given in the first semester.

6. Principles of Secondary Education. Second Semester: at the same hours and place.

A study of the problems involved in the analysis of the secondary-school population; individual differences of pupils; the major historical phases of the secondary-school as an institution; its aims and functions; the program of studies; critique of current practices; general phases of organization and administration.

Lectures, discussions, school visits, textbook and supple-

mentary reading, and study of a selected problem.

Elective for Seniors.

Courses 5 and 6 are open only to those who intend to teach after graduation from college.

10. OBSERVATION AND PRACTICE TEACHING.

This is a special course for a limited number of qualified students. It includes a period of intensive daily observation of schoolroom procedure, followed by at least five weeks of actual teaching under supervision.

Conferences, reports, preparation of lesson plans, and professional reading are required.

College credit: one to three semester hours.

TEACHERS' ENGLISH: See English Literature 12 (page 57.)

TEACHERS' French: See French 11 (page 60.) Teachers' Latin: See Latin 9 (b) (page 71.)

# **ENGLISH**

PROFESSOR WEBER, PROFESSOR MARRINER, ASSISTANT PROFESSOR DUNN, Assistant Professor Rollins, Mr. Chapman, and Mr. Walden

# English Composition

1. English Composition. First Semester: Div. A, Monday, Wednesday, Friday, 8, Drawing Room; Div. B, Monday, Wednesday, Friday, 10, Latin Room; Div. C, Tuesday, Thursday, Saturday, 8, Latin Room; Div. D. Tuesday, Thursday, Saturday, 8, Shannon Building; Div. E, Tuesday, Thursday, Saturday, 10, Greek Room; Div. F, (Second Semester) Monday, Wednesday, Friday; 1.30, French Room.

A course of training in the clear, accurate, and intelligent use of the English language. Frequent written papers; detailed criticism; outside readings, and reports.

Every Freshman is required to have a copy of Webster's

Collegiate Dictionary.

Required of men of the Freshman class.

ASSISTANT PROFESSOR ROLLINS. Mr. Chapman. Mr. Walden.

2. English Composition. First Semester: Div. A, Monday, Wednesday, Friday, 11; English Room; Div. B, Tuesday, Thursday, Saturday, 10, English Room; Div. C. Tuesday, Thursday, Saturday, 11, English Room; Div. F, (Second Semester) Monday, Wednesday, Friday, 1.30, French Room.

Identical with Course 1.

Required of women of the Freshman class.

Assistant Professor Rollins. Mr. Chapman. Mr. Walden.

3. A CONTINUATION OF COURSE 1. Second Semester: at the same hours as Course 1. (Div. F: First Semester.)

Required of men of the Freshman class.

Assistant Professor Rollins. Mr. Chapman. Mr. Walden.

4. The Same as Course 3. Second Semester: at the same hours as Course 2. (Div. F: First Semester.)

Required of women of the Freshman class.

Assistant Professor Rollins. Mr. Chapman. Mr. Walden.

5. ADVANCED COMPOSITION. First Semester: Monday, Wednesday, and Friday, 2.30; English Room.

Designed for students who are especially interested in writing. There is no attempt at professional training, the aim being to aid the student in gaining fluency and facility in the expression of ideas, and skill in the handling of his subject-matter.

Weekly stories or essays, reports on reading, and impromptu criticism in the classroom. Lectures and class discussions.

Elective for men and women who have completed Courses 3 or 4 and Literature 1-2.

ASSISTANT PROFESSOR ROLLINS.

6. CONTINUATION OF COURSE 5. Second Semester: at the same hours and place.

ASSISTANT PROFESSOR ROLLINS.

NEWS WRITINGS See Journalism, page 70.

# **English Literature**

The purpose of the work in English Literature is to give the student some idea of the history of the literature of his own language, to develop in him a real enjoyment in the reading of good books, and above all to train his mind, through association with the great thinkers and writers of England and America, to think for itself. The courses consist of occasional lectures, frequent recitations and discussions, collateral reading, and written reports.

For those who *major* in English, Literature Courses 1, 2, 3, 4, and 11 are required. Regarding English Composition, see note under Graduation Requirements IV.

1. Survey Course. First Semester: Div. A, Monday, Wednesday, Friday, 8; S. E. Room; Div. B, Tuesday, Thursday, Saturday, 8; S. E. Room; Div. C, Monday, Wednesday, Friday, 8; English Room; Div. D, Monday, Wednesday, Friday, 8, Shannon Building; (A and B for women only; C and D for men only).

A general introduction to the whole field of English Literature, intended to familiarize the student with a wide variety of forms, types, minds, moods, and ideas.

A preliminary course, open to all except Freshmen.

PROFESSOR WEBER.
ASSISTANT PROFESSOR DUNN.
MR. CHAPMAN.

2. Survey Course. Second Semester: at the same hours and place.

A continuation of Course 1. Open to those who have completed Course 1.

PROFESSOR WEBER. ASSISTANT PROFESSOR DUNN. Mr. Chapman.

3. Shakespeare. First Semester: Monday, Wednesday, Friday, 10; English Room.

A careful study of the work of the great dramatist. Elective for Juniors and Seniors who have completed Course 1-2. Required of those who major in English.

PROFESSOR WEBER.

4. Shakespeare. Second Semester: at the same hours and place.

A continuation of Course 3.

Elective for those who have completed Course 3. Required of those who major in English.

PROFESSOR WEBER.

5. Milton. First Semester: Tuesday, Thursday, Saturday, 8; English Room.

A study of English Literature from 1630 to 1744, emphasizing the work of Milton, and including Dryden, the Queen Anne writers, and Pope.

Elective for Juniors and Seniors who have completed

Course 1-2; not offered in 1928-29.

PROFESSOR WEBER.

6. Wordsworth. First Semester: Tuesday, Thursday, Saturday, 8; English Room.

English Literature from 1798 to 1810, the forerunners of the Romantic Revival; Wordsworth, and Coleridge. Elective for Juniors and Seniors who have completed Course 1-2; not offered in 1928-29.

PROFESSOR WEBER.

7. The ROMANTIC POETS. Second Semester: Tuesday, Thursday, Saturday, 8; English Room.

A continuation of Course 6: English Literature from 1810 to 1832,—Shelley and Keats, Scott and Byron, etc. Elective for Juniors and Seniors who have completed Course 1-2; not offered in 1928-29.

PROFESSOR WEBER.

8. Browning. First Semester: Tuesday, Thursday, Saturday, 8; English Room.

A detailed study of the most important dramatic monologues of the great poet-philosopher.

Elective for Juniors and Seniors who have completed Course 1-2.

Professor Weber.

9. THE ENGLISH DRAMA. First Semester: Tuesday, Thursday, Saturday, 9; S. E. Room.

A study of the English Drama to Pinero. This includes some study of the beginnings of drama, and of foreign dramas as they have influenced English dramatics. The English Mystery and Morality Plays, the Elizabethan drama, the Restoration drama, and the stage to the modern era.

ASSISTANT PROFESSOR ROLLINS.

10. Modern Drama. Second Semester: at the same hours and place.

This course is a natural continuation of English Literature 9, but may be taken separately. The preceding course

gives valuable background.

Study of "the drama of sincerity and the drama of delight": Ibsen, Pinero, Shaw, Jones, Galsworthy, O'Neill, and others; Wilde, Barrie, Maeterlinck, Mackaye, and the like. Some of the movements to be studied are the Irish Nationalist Theater, The American Little Theater Movement, and present tendencies in the world theaters.

Courses 9 and 10 are elective for Juniors and Seniors.

Assistant Professor Rollins.

11. AMERICAN LITERATURE. First Semester: Tuesday, Thursday, Saturday, 9; English Room.

A survey of American Prose from Franklin to Mark Twain,—1770-1900.

Elective for all who have completed Course 1-2. Required of those who major in English.

PROFESSOR WEBER.

12. THE TEACHING OF ENGLISH IN THE SECONDARY SCHOOL. Second Semester: Tuesday, Thursday, Saturday, 11; History Room.

A professional course in the methods and materials for English in the secondary school, approached from the practical viewpoint of classroom conditions as they exist rather than from that of the educational theorist. Older and newer methods will be studied impartially, especially the results of scientific investigation into the problem of teaching English.

PROFESSOR MARRINER.

13. Philosophic Poets. First Semester: Tuesday, Thursday, Saturday, 8; English Room.

A study of the influence of scientific discoveries upon poetic thought during the last century,— the effect of Darwin and his followers on literature.

Elective for Juniors and Seniors who have completed

Course 1-2; not offered in 1928-29.

Professor Weber.

14. ENGLISH PHILOLOGY. Second Semester: Tuesday, Thursday, Saturday, 9; English Room.

A historical survey of the development of English grammar and vocabulary; a preliminary course for prospective teachers of English who intend to take Course 12.

Elective for Juniors and Seniors who have completed

Course 1-2; not given in 1928-29.

PROFESSOR WEBER.

15. THE ENGLISH ESSAY. First Semester: Monday, Wednesday, Friday, 10; S. E. Room.

A study of the English prose essay from Bacon to Chesterton.

Elective for all who have completed English Literature 1-2, and for pre-medical students. Not offered in 1928-29.

16. THE ENGLISH ESSAY. Second Semester: at the same hours and place.

> A continuation of Course 15. Not offered in 1928-29.

17. ENGLISH PROSE OF THE NINETEENTH CENTURY. Semester: Tuesday, Thursday, Saturday, 8; English Room.

This course furnishes a study of the chief prose writers contemporary with Browning and Tennyson.

Elective for Juniors and Seniors who have completed

Course 1-2.

PROFESSOR WEBER.

18. AMERICAN LITERATURE. Second Semester: Tuesday, Thursday, Saturday, 9; English Room.

> A survey of American poetry from Freneau to Robinson. Offered in conjunction with Course 11 in 1928-29.

Elective for Juniors and Seniors who have completed Course 1-2.

PROFESSOR WEBER.

A library fee of \$1.50 a semester will be charged each student enrolled in English courses.

#### FRENCH

Associate Professors Helie and Strong and Mr. Wallace

1. ELEMENTARY FRENCH. First Semester: Monday, Wednesday, Friday, 8; Drawing Room.

Grammar, pronunciation, oral work, and translation of easy French.

MR. WALLACE.

2. CONTINUATION OF COURSE 1. Second Semester: at the same hours and place.

Courses 1 and 2 are elective for students who have not studied any French.

MR. WALLACE.

3. Intermediate French. First Semester: Div. A, Monday, Wednesday, Friday, 11, Math. Room; Div. B, Monday, Wednesday, Friday, 2.30, French Room; Div. C, Monday, Wednesday, Friday, 11; S. E. Room.

Grammar, translation, and composition.

Associate Professor Helie. Mr. Wallace.

4. Continuation of Course 3. Second Semester: at the same hours and places.

Courses 3 and 4 are elective for those who have completed Courses 1 and 2, or who have had two years of secondary school French; but *not* for those who have had *three* years of secondary school French.

Those who wish to study French after offering three units of French for entrance should elect French 5. 6.

Associate Professor Helie. Mr. Wallace.

5. French Prose and Poetry. First Semester: Div. A, Tuesday, Thursday, Saturday, 10; French Room; Div. B, Tuesday, Thursday, Saturday, 8; Greek Room; Div. C, Tuesday, Thursday, Saturday, 9; Geological Lecture Room; Div. D, Tuesday, Thursday, Saturday, 11; Latin Room.

Rapid reading of modern authors; composition.

Associate Professor Helie. Associate Professor Strong. Mr. Wallace.

6. CONTINUATION OF COURSE 5. Second Semester: at the same hours and place.

Courses 5 and 6 are elective for those who have completed Courses 3 and 4, and for those who offered three units of French for admission to college.

Associate Professor Helie. Associate Professor Strong. Mr. Wallace.

7. French Literature of the Seventeenth Century. First Semester: Monday, Wednesday, Friday, 10; Economics Room.

Malherbe, Descartes, Pascal. Corneille, La Rochefoucauld, Racine, Boileau. Molière, La Fontaine. Sévigne, Bossuet, La Bruyère, Fénelon.

ASSOCIATE PROFESSOR HELIE.

8. CONTINUATION OF COURSE 7. Second Semester: at the **same** hours and place.

Courses 7 and 8 are elective for those who have completed Courses 5 and 6.

ASSOCIATE PROFESSOR HELIE.

9. French Literature of the Eighteenth Century. First Semester: Tuesday, Thursday, Saturday, 9; Latin Room.

Selections from the works of Montesquieu, Buffon, Voltaire, Diderot, Rousseau, Lesage, Marivaux, Beaumarchais, Abbé Prevost, Chenier.

ASSOCIATE PROFESSOR HELIE.

10. CONTINUATION OF COURSE 9. Second Semester: at the same hours and place.

Courses 9 and 10 are elective for those who have completed Courses 5 and 6.

ASSOCIATE PROFESSOR HELIE.

11. French Language. First Semester: Tuesday, Thursday, Saturday, 11; French Room.

Special instruction in syntax, composition, and phonetics of French pronunciation,—a course designed primarily for those who intend to teach French in secondary schools.

Associate Professor Helie.

12. French Lyric Poetry of the Nineteenth Century. Second Semester: at the same hours and places.

An extension and application of the principles established in Course 11. It includes reading, lectures, and explanation of texts.

Courses 11 and 12 are elective for those who have completed Courses 7, 8, 9, 10, 13, 14.

ASSOCIATE PROFESSOR HELIE.

13. French Life and Civilization. First Semester: Tuesday, Thursday, Saturday, 10.20; German Room.

A course especially for advanced students and prospective teachers of French, designed to familiarize them as much as possible with France and with things French. A study is made by means of lectures in French and outside reading of the French people and nation, of French geography, institutions, etc. Each student gives frequent short, prepared talks in French. One hour a week is devoted to formal composition.

Elective for members of all upper classes who have had

French 5, 6.

ASSOCIATE PROFESSOR STRONG.

14. Continuation of Course 13. Second Semester: at the same hours and place.

ASSOCIATE PROFESSOR STRONG.

# **GEOLOGY**

# Professor Perkins

1. Physiography. First Semester: Div. A, Wednesday, Friday, 8; Div. B, Wednesday, Friday, 9; Div. C, Wednesday, Friday, 10; Laboratory Division I, Monday, 1.30-3.30; II, Tuesday, 1.30-3.30; III, Thursday, 1.30-3.30.

A study of the topographic forms of the earth's surface, including their structure, origin and development. This course is designed for those who wish a cultural knowledge of geology and for those who may later teach physical geography in high school. Text-book study, laboratory work, and field trips.

Elective for Freshmen, Sophomores, Juniors, and Seniors. Prerequisite for other courses in the department.

2. Physiography and Meteorology. Continuation of Geology 1. Second Semester: at the same hours.

The work on earth forms is completed and considerable time is devoted to the study of the atmosphere, weather, and climate. Text-book study, field trips, and laboratory work.

3. Physical Geology. First Semester: Tuesday, Thursday, 8; Laboratory, Friday, 1.30-3.30.

A study of the rocks of the earth's crust, including their composition, origin and structure. Especial attention is given to those features of the rocks which are of use in interpreting the past history of the earth. Text book study, laboratory work and field trips.

Elective for those who have had Geology 1-2, and for Seniors with the consent of the instructor.

4. HISTORICAL GEOLOGY. Second Semester: at the same hours.

A study of the history of the earth as written in the rocks. Attention is given to the geography and climates of the past and their effect on the development of organic life. Text-book study, laboratory work and field trips.

5. Crystallography, Mineralogy, and Blowpipe Analysis. First Semester: Tuesday, Thursday, Saturday, 10-12.

A course in the identification of minerals by means of their geometric form and physical and chemical properties. This course is intended for those students specializing in Chemistry, Engineering, or Geology, and for those who feel that a knowledge of minerals would provide an interesting or profitable avocation.

Elective for those who have had or are taking Chemistry 5.

6. Economic Geology. Second Semester: at the same hours.

A study of the origin and method of occurrence of the two great classes of natural inorganic resources; namely, the non-metallic products such as coal, oil, cement, salt, phosphates, asbestos, and many minor materials, and the metallic products such as iron, copper, gold, silver, zinc, and lead.

Geology 5-6 is alternated with Geology 7-8. Given in

1928-29.

Geological Research. First Semester: Wednesday, 1.30-5.30.
 A course designed to give practice in the methods of

A course designed to give practice in the methods of geological research. The work will be adapted to the needs of the individual student and will consist of reading in geological literature and of field and laboratory work on an assigned problem. At the end of the course the student is expected to prepare a typewritten report upon his problem. The course counts as a standard three-hour course for the year.

Elective for students who have taken Geology 3.

8. Geological Research. Second Semester: at the same hours.
Geology 7, 8 is alternated with Geology 5, 6.
Given in 1929-30.

#### GERMAN

# ACTING PROFESSOR VILES

1. ELEMENTARY GERMAN. First Semester: Div. A. Monday, Wednesday, Friday, 9; Div. B, Tuesday, Thursday, Saturday, 9; German Room.

Grammar, pronunciation, oral work, and translation of easy German.

2. Continuation of Course 1. Second Semester: at the same hours and place.

Courses 1 and 2 are elective for students who have not studied any German.

3. Intermediate German. First Semester: Div. A. Monday, Wednesday, Friday, 10; Div. B. Monday, Wednesday, Friday, 1.30.

Grammar review. Composition and conversation. Rapid reading of a large amount of both literary and scientific German.

**4.** Continuation of Course 3. Second Semester: at the same hours and place.

Courses 3 and 4 are elective for students who have completed Courses 1 and 2, or who have offered German for entrance.

5. Advanced German. First Semester: Monday, Wednesday, Friday, 11. German Room.

Lectures on German literature. A large amount of selected reading. Composition and conversation.

6. CONTINUATION OF COURSE 5. Second Semester: at same hour and place.

Courses 5 and 6 are elective for students who have completed Courses 3 and 4.

7. GERMAN CLASSICAL WRITERS. First Semester: Tuesday, Thursday, Saturday, 11. German Room.

Lectures on the second classical period of German literature. Works of Lessing, Goethe, and Schiller will be read. Composition and conversation.

8. CONTINUATION OF COURSE 7. Second Semester: at the same hour and place.

Courses 7 and 8 are elective for students who have completed Courses 5 and 6.

9. Advanced Scientific German. First Semester: Wednesday, 1.30.

This course is provided for students who desire additional scientific reading. It consists of assignments for outside work, on which the students will be examined from time to time orally and in written tests.

10. CONTINUATION OF COURSE 9. Second Semester.

Courses 9 and 10 are open to students who have completed Courses 3 and 4.

#### GREEK

#### PROFESSOR WHITE

1. ELEMENTARY GREEK. First Semester: Tuesday, Thursday, Saturday, 9; Greek Room.

Elective for all classes.

**2.** ELEMENTARY GREEK, continued, with reading of simple prose. Second Semester: at the same hours and place.

3. ELEMENTARY GREEK; reading of simple prose, continued. First Semester: Monday, Wednesday, Friday, 10; Greek Room.

Elective for those who have completed Courses 1 and 2.

4. ELEMENTARY GREEK; readings from Homer. Second Semester: at the same hours and place.

Elective for those who have completed Course 3. Courses 1-4 are for those who have not studied Greek in preparation for college but wish to gain some knowledge of the language. The purpose is to do in two years approximately the work that is done in three years in the ordinary preparatory school course. The rate of progress, therefore, must be rapid, and only apt students of language who can devote a generous amount of time to this work should think of undertaking it.

5. Hower. First Semester: Monday, Wednesday, Friday, 9; Greek Room.

Selections from the Odyssey; study of national as contrasted with literary epic, and of ancient Greek life as depicted in the Homeric poems; extra reading of portions of the poems in English versions.

Elective for those who have completed Courses 1-4 or their equivalent.

Given in 1928-29.

6. SELECTIONS FROM THE GREEK HISTORIANS. Second Semester: at the same hours and place.

Elective for those who have completed Course 5. Given in 1928-29.

7. Selected Speeches of Lysias. First Semester: Monday, Wednesday, Friday, 9; Greek Room.

Elective for those who have completed Courses 1-4 or their equivalent.

Not given in 1928-29.

8. PLATO'S APOLOGY AND CRITO, with collateral reading from Xenophon's Memorabilia of Socrates. Second Semester: at the same hours and place.

Elective for those who have completed Course 7. Not given in 1928-29.

N.B.—It should be noted that courses are offered above for those who enter college with one, two, or three years of Greek to their credit, as well as for those who enter without Greek.

9. Introduction to Dramatic Poetry. First Semester: Monday, Wednesday, Friday, 11.

Study of the origin and development of the Greek Drama, and of the structure and presentation of a Greek play; reading of a play of Æschylus, or Sophocles, and of other plays in English versions.

Elective for those who have completed Courses 5, 6

or 7, 8.

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Not given in 1928-29.

10. Dramatic Poetry continued. Second Semester: at the same hours.

Reading of a play of Euripides and a play of Aristophanes, and of other plays in English versions.

Elective for those who have taken Course 9.

Not given in 1928-29.

11. BIBLICAL GREEK. Selections from the Septuagint. First Semester: Monday, Wednesday, Friday, 9; Greek Room.

Elective for those who have completed Courses 1-4. Given in 1928-29.

12. Biblical Greek. The Gospel according to Mark. Second Semester: at the same hours and place.

Elective for those who have completed Course 11. Given in 1928-29.

13. Survey of Greek Poetry: Epic, Lyric, and Dramatic. First Semester: Tuesday, Thursday, Saturday, 11; History Room.

Elective for Sophomores, Juniors, and Seniors. Not given in 1928-29.

14. Survey of Greek Prose Literature. Second Semester: at the same hours and place.

Elective for those who have completed Course 13.

No knowledge of the Greek language is required for Courses 13 and 14; the reading is done in English translations.

Not given in 1928-29.

- 15. Greek Civilization. First Semester: Tuesday, Thursday, Saturday, 11; Greek Room.
- 16. Greek Civilization. Second Semester: Tuesday, Thursday, Saturday; same hour and place.

Course 15-16 traces the development of civilization around the Eastern Mediterranean, first in the kingdoms and empires of the Near-East, and then among the Greeks.

Elective for Sophomores, Juniors, and Seniors.

This course is in reality a course in Ancient History and counts as a Group B subject, and not as a Group A one.

# HISTORY AND POLITICAL SCIENCE

Assistant Professor Ridgeway and Assistant Professor Griffiths

It is the purpose of the department to make available for practical use the vast field of historical information opened to college students by modern scholarship. The work of the curriculum offers a general but complete view of the history of modern civilization with particular emphasis upon the meaning and origin of modern customs and institutions. An opportunity for more original and thorough investigations of subjects of individual interest is provided in the field of Modern English History by the research course in that subject.

# History

1A. United States History to 1787. First Semester: Division A, Tuesday, Thursday, Saturday, 8; History Room; Division B, Monday, Wednesday, Friday, 1.30; History Room.

A course in early American History to the establishment of the national government, in which consideration is given to such topics as the European background, the discoveries, early explorations, European colonial systems, the rise of the spirit of independence, the Revolution, and problems of consideration.

Text-book, lectures, readings, reports, note-book. Elective for Freshmen. Sophomores by permission.

Assistant Professor Griffiths.

2A. UNITED STATES HISTORY, 1787-1828. Second Semester: Same hours and place as History 1A.

A continuation of Course 1.A, in which study is made of such topics as the Constitution, the organization of the government, the party system, and the rise of the new nationalism.

Elective for Freshmen. Sophomores by permission.

ASSISTANT PROFESSOR GRIFFITHS.

3A. UNITED STATES HISTORY, 1829-1865. First Semester: Monday, Wednesday, Friday, 11; History Room.

A study of American life during the period of expansion with special emphasis upon the origin and growth of the economic, social and political forces which culminated in the Civil War.

Lectures and conferences.

Elective for Sophomores, Juniors and Seniors.

ASSISTANT PROFESSOR RIDGEWAY.

4A. UNITED STATES HISTORY, 1865-1929. Second Semester: Monday, Wednesday, Friday, 11; History Room.

A study of the development of American democracy since the Civil War toward the realization of national ideals.

Lectures and conferences.

Elective for Sophomores, Juniors and Seniors.

Assistant Professor Ridgeway.

5A. Modern Europe, 1500-1815. First Semester: Monday, Wednesday, Friday, 10; History Room.

A study of the origin and growth of those forces which culminated in the period of the French Revolution and the era of Napoleon.

Lectures and conferences.

Elective for Sophomores, Juniors and Seniors.

ASSISTANT PROFESSOR RIDGEWAY.

6A. Modern Europe, 1815-1929. Second Semester: Monday, Wednesday, Friday, 10; History Room.

Especial emphasis upon the conflict of economic, social, and political forces which instigated national hatred and led to the World War.

Lectures and conferences.

ASSISTANT PROFESSOR RIDGEWAY.

7A. English Constitutional History to 1216. First Semester: Monday, Wednesday, Friday, 9; History Room.

A study of the beginning and development of political institutions which have become the foundation of the present government of England.

Lectures, reading, and reports.

Elective for Sophomores, Juniors and Seniors.

Not given in 1929-30.

ASSISTANT PROFESSOR GRIEFITHS

8A. English Constitutional History. 1216-1485. Second Semester: Monday, Wednesday, Friday, 9: History Room.

A continuation of Course 7A, which deals with political institutions from the Great Charter to the beginning of modern England.

Lectures, reading, and reports.

Elective for Sophomores, Juniors and Seniors.

Not given in 1929-30.

ASSISTANT PROFESSOR GRIFFITHS

9A. RESEARCH IN MODERN ENGLISH HISTORY, 1715-1929. First Semester: Tuesday, Thursday, Saturday. 10; History Room.

This course comprises such a survey of the general field of Modern History as is required for the selection of subjects for research. Especial attention will be given to Anglo-American affairs and to the period since 1815.

Elective for Juniors and Seniors who have attained a rank

of at least C in History 5A and 6A.

ASSISTANT PROFESSOR RIDGEWAY.

10.A. Research in Modern English History. Second Semester: Tuesday, Thursday, Saturday, 10; History Room,

Continuation of Course 9A. The collection and organization of material for a thesis. General review of the entire period of Modern English History in preparation for the final examination, which is designed to test the student's knowledge of his own subject of research and its relationship to the general history of the course. Elective for Juniors and Seniors who have successfully

completed Course 9.A.

ASSISTANT PROFESSOR RIDGEWAY.

11A. History of Western Europe, 300-1300. First Semester: Monday, Wednesday, Friday, 9; History Room.

A study of the political, social, economic, intellectual, and religious forces of Europe.

Elective for Sophomores, Juniors, and Seniors. Not given in 1928-29; offered in 1929-30.

ASSISTANT PROFESSOR GRIFFITHS.

12A. History of Western Europe, 1300--1650. Second Semester: Monday, Wednesday, Friday, 9; History Room.

An introduction to the study of the modern world, including such topics as the rise of national states, the relations of church and state, humanism, the beginnings of modern science, exploration and discovery.

Elective for Sophomores, Juniors, and Seniors. Not given in 1928-29; offered in 1929-30.

ASSISTANT PROFESSOR GRIFFITHS.

13.A. ENGLISH HISTORY, 1485-1603. First Semester: Tuesday, Thursday, Saturday, 9; History Office Room.

A study of the important political, social, intellectual and religious problems which arose during the development of English nationalism under the Tudors. Consideration is given to such topics as royal absolutism, foreign relations, the balance of power, church and state. Renaissance and Reformation, origin of British sea-power, and agrarian strife.

Text-book, lectures, reading, and reports. Elective for Sophomores, Juniors and Seniors.

Assistant Professor Griffiths.

14A. English History, 1603-1714. Second Semester: Tuesday, Thursday, Saturday, 9; History Office Room.

A study of the political, social, intellectual movements during the Stuart period. Consideration of such topics as the union of England and Scotland, the transference of sovereignty from the Crown to Parliament, the Civil War, the Protectorate, the Restoration, political parties, foreign and colonial policies, and the "glorious revolution".

Text-books, lectures, reading, and reports. Elective for Sophomores, Juniors and Seniors.

ASSISTANT PROFESSOR GRIFFITHS.

15-16. ANCIENT HISTORY. See Greek 15-16 (page 65.)

# Political Science

1A. HISTORY OF POLITICAL THEORY. First Semester: Monday, Wednesday, Friday, 8; History Room.

A study of the political ideas of the Greek, Roman, and early European writers as related to contemporary institutions of government.

Lectures, reading, and reports.

Elective for Juniors and Seniors. Sophomores by permission.

ASSISTANT PROFESSOR GRIFFITHS.

2A. HISTORY OF POLITICAL THEORY. Second Semester: Monday, Wednesday, Friday, 8; History Room.

A study of the political ideas of modern European, English, and American writers on such topics as the state, divine right of kings, tyronnicide, monarchy, republicanism, sovereignty, and toleration.

Lectures, readings, and reports.

Elective for Juniors and Seniors. Sophomores by permission.

ASSISTANT PROFESSOR GRIFFITHS.

**3A.** United States Government. First Semester: Tuesday, Thursday, Saturday, 9; History Room.

General survey of the principles and practice of American government, with special attention to the Presidential election of 1928.

Elective for Juniors and Seniors.

Assistant Professor Ridgeway.

4A. European Government. Second Semester: Tuesday, Thursday, Saturday, 9; History Room.

Present-day government in the chief European countries. About half the course is devoted to the English system of

Parliamentary government, but due attention is given to France, Italy, Russia, Germany, the Scandinavian and Balkan countries.

Elective for Juniors and Seniors.

ASSISTANT PROFESSOR RIDGEWAY.

A library fee of \$1.50 a semester will be charged students in history and political science courses.

#### JOURNALISM

# PROFESSOR LIBBY

The object of the course is to give to students who intend to make Journalism their profession an understanding of the work of writing news articles, preparing editorial matter, and of the ideals that should govern the editor in his work; and to such other students who elect the course, a better understanding of the important part which newspapers are playing in educating the great masses of the people on subjects of national and international importance. Practical work of corresponding for State newspapers, interviewing men and women on various subjects, and preparing editorial matter for the College publications will be requirements.

A text-book will be used, and the reading of texts on journalism will be required.

1. News Writing. First Semester: Monday, Wednesday, Friday, 9; English Room.

Study of news and news values, sources and collection of news, diction and style in news articles. Text-book. Prerequisite, English Composition 1, 3 or 2, 4.

2. Function of the Newspaper. Second Semester: at the same hour and place.

History of Journalism in the United States will form a background for the work of this Semester. The writing of editorial matter and special articles on assigned subjects will be required.

Elective for those who have completed Course 1.

# LATIN

PROFESSOR TAYLOR AND ASSOCIATE PROFESSOR TREFETHEN

1. Livy xxi. First Semester: Monday, Wednesday, Friday, 8; Latin Room.

Required of Freshman men in the B.A. Course.

PROFESSOR TAYLOR.

2. LIVY I: AGRICOLA OF TACITUS. First Semester: Div. A, Monday, Wednesday, Friday, 9, French Room; Div. B, Tuesday, Thursday, Saturday, 10; Latin Room.

Required of Freshman women in the B.A. Course.

ASSOCIATE PROFESSOR TREFETHEN.

 ${\bf 3}$  Odes of Horace. Second Semester: at the same hours and place.

Required of Freshman men in the B.A. Course.

PROFESSOR TAYLOR.

4. Odes of Horace. Second Semester: at the same hours and places.

Required of Freshman women in the B.A. Course.

Associate Professor Trefethen.

5. PLINY'S LETTERS: SATIRES OF HORACE. First Semester: Monday, Wednesday, Friday, 11; Latin Room.

Elective for Sophomores of both divisions.

PROFESSOR TAYLOR.

6. CICERO DE AMICITIA: QUINTILIAN X, XII. Second Semester: at the same hours and place.

Elective for Sophomores of both divisions.

PROFESSOR TAYLOR.

7. CATULLUS: LUCRETIUS: TIBULLUS: PROPERTIUS: LUCAN. First Semester: Monday, Wednesday, Friday, 3.30; Latin Room. Elective for Juniors and Seniors of both Divisions.

Given in alternate years.

8. Histories of Tacitus: Satires of Juvenal. First Semester: Monday, Wednesday, Friday, 3.30; Latin Room.

Elective for Juniors and Seniors of both Divisions. Given in alternate years; not given in 1929-30.

PROFESSOR TAYLOR.

9. (a) Epistles of Horace. Second Semester: at the same hours and place.

Elective for Juniors and Seniors of both Divisions.

(b) CICERO'S ORATIONS: VERGIL'S ÆNEID. Second Semester: at the same hours and place.

A practical course for prospective teachers. Elective for Juniors and Seniors of both Divisions.

PROFESSOR TAYLOR.

### MATHEMATICS

PROFESSOR ASHCRAFT, ASSOCIATE PROFESSOR TREFETHEN, AND MR. WARREN

- 1. PLANE TRIGONOMETRY AND SOLID GEOMETRY.
- a. Plane Trigonometry. First half of First Semester: Div. A, Monday, Wednesday, Friday, 9, Drawing Room; Div. B, Tuesday, Thursday, Saturday, 9, Drawing Room; Div. C, Tuesday, Thursday, Saturday, 9, French Room; Div. D. Monday, Wednesday, Friday, 10, Drawing Room; Div. E, Tuesday, Thursday, Saturday, 8, Drawing Room.

Trigonometric functions, and demonstrations of formulas; solution of right and oblique triangles, with practice in the use of logarithmic tables; problems and applications.
Required of the men of the Freshman class who do not

offer Solid Geometry for entrance.

Associate Professor Trefethen. MR. WARREN.

b. Solid Geometry. Second half of First Semester: at the same hours as Course 1a.

Includes original demonstrations and the solution of problems relating to the surfaces and volumes treated. Required of the men of the Freshman class who do not offer Solid Geometry for entrance.

- 2. PLANE TRIGONOMETRY AND SOLID GEOMETRY.
- a. SAME AS COURSE 1a. First half of First Semester: Div .A, Monday, Wednesday, Friday, 8, French Room; Div. B, Tuesday, Thursday, Saturday, 9, Math. Room.

Required of the women of the Freshman class who do not offer Solid Geometry for entrance.

b. Same as Course 1b. Second half of First Semester; at the same hours as Course 2a.

Required of the women of the Freshman class who do not offer Solid Geometry for entrance.

> PROFESSOR ASHCRAFT. ASSOCIATE PROFESSOR TREFETHEN.

3. Plane and Spherical Trigonometry, with applications to Geodesy and Astronomy. First Semester: Monday, Wednesday, Friday, 9, Math. Room.

Required of the men of the Freshman class who offer Solid Geometry for entrance.

PROFESSOR ASHCRAFT.

4. Same as Course 3. First Semester: Monday, Wednesday, Friday, 9, Math. Room.

Required of the women of the Freshman class who offer Solid Geometry for entrance.

PROFESSOR ASHCRAFT.

5a. Algebra. Second Semester: Div. A, Monday, Wednesday, Friday, 9, Drawing Room; Div. B, Tuesday, Thursday, Saturday, 9, Drawing Room; Div. C, Tuesday, Thursday, Saturday, 9, French Room; Div. D, Monday, Wednesday, Friday, 10, Drawing Room; Div. E, Tuesday, Thursday, Saturday, 8, Drawing Room; Div. F, Monday, Wednesday, Friday, 9, Math. Room.

A rapid review of the principal topics of preparatory Algebra, including graphical representation; the binomial theorem for any exponent, permutations and combinations, logarithms, determinants, the complex number, and theory of equations.

Required of the men of the Freshman class.

Professor Ashcraft. Associate Professor Trefethen. Mr. Warren.

6a. Same as Course 5a. Second Semester: Div. A, Monday, Wednesday, Friday, 8, French Room; Div. B, Tuesday, Thursday, Saturday, 9, Math. Room; Div. C, Monday, Wednesday, Friday, 9, Math. Room.

Required of the women of the Freshman class.

PROFESSOR ASHCRAFT.

ASSOCIATE PROFESSOR TREFETHEN.

7. Analytic Geometry. First Semester: Div. A, Monday, Wednesday, Friday, 8, Math. Room; Div. B, Tuesday, Thursday, Saturday, 9, Math. Room.

Study of the point, line, and conic sections; loci and their equations; elements of Analytic Geometry of space. Prerequisite for all subsequent courses,

Elective for Sophomores and Juniors.

PROFESSOR ASHCRAFT.

8. Elementary Differential and Integral Calculus. Second Semester: at the same hours and place.

Differentiation of simple functions; application to curves; maxima and minima; integration as the inverse of differentiation; simple applications of integration to Geometry and Mechanics.

Elective for those who have completed Course 7.

PROFESSOR ASHCRAFT.

9. ADVANCED CALCULUS. First Semester: Monday, Wednesday, Friday, 10; Math. Room.

Differentiation of the more complex functions; theorems of Taylor and Maclaurin; partial and total derivatives; integration by special methods and by the aid of a table; the definite integral, length of curves, areas, centres of gravity, etc.

PROFESSOR ASHCRAFT.

10. DIFFERENTIAL EQUATIONS AND ANALYTIC OF SPACE. Second Semester: at the same hours and place.

A course involving applications to spare curves, surfaces, and volumes; the solution of ordinary differential equations of Mechanics and Physics.

Elective for those who have completed Course 9.

PROFESSOR ASHCRAFT.

11. HIGHER ALGEBRA. First Semester: Tuesday, Thursday, Saturday, 10; Math. Room.

Special topics of Algebra, such as determinants, series, symmetric functions of roots, etc., supplementing Course 1, 2. Solution of the cubic, the biquadratic, and n linear equations in n variables; eliminants and other invariants; covariants, etc. In part a lecture course.

Elective for those who have completed Course 8. Given in alternate years; given in 1928-29.

PROFESSOR ASHCRAFT.

12. Analysis and Modern Methods. Second Semester: at the same hours and place.

A continuation of Course 11. Special topics of Analytic Geometry, supplementing Course 7; systems of coördinates; higher plane curves, making use of elementary Calculus; topics for teachers.

Elective for those who have completed Course 11. Given in alternate years; given in 1928-29.

PROFESSOR ASHCRAFT.

13. Mechanics. First Semester: Monday, Wednesday, Friday, 10; French Room.

Statics: the composition, resolution and equilibrium of forces: stresses.

Problems solved analytically and graphically. Kinematics; the rectilinear and curvilinear motions of a particle. Elective for those who have taken Course 8.

Associate Professor Trefethen.

14. Mechanics. Second Semester: at the same hours and place.

Kinetics; the motion of a particle under the action of forces; work, energy, impulse, potential; dynamics of a rigid body.

Continuation of Course 13.

Elective for those who have completed that course.

Associate Professor Trefethen.

15. Surveying. First Semester: Tuesday, Thursday, Saturday, 10-12; Drawing Room.

Theory and use of instruments, with field and office work. Elective for Juniors and Seniors.

Mr. Warren.

16. Continuation of Course 15. Second Semester: at the same hours and place.

Elective for those who have taken that course.

MR. WARREN.

17. MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY. First Semester: Monday, Wednesday, Friday, 1.30-3.30: Drawing Room.

The principles of Descriptive Geometry, comprising the projection of points and lines, the intersection of solids, the development of surfaces, and graphic solution of problems. The mechanical drawing of geometric figures and objects, lettering and dimensioning.

Drawing and Descriptive Geometry are of great value as cultural studies and training of the imagination, as well as for their practical applications. By means of these courses, students preparing for engineering professions, may anticipate studies required for technical subjects.

Elective for Freshmen, Sophomores, Juniors, and Seniors.

MR. WARREN.

18. MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY. Second Semester: at the same hours and place.

Continuation of Course 1.

Elective for those who have completed that course.

MR. WARREN.

#### PHILOSOPHY AND PSYCHOLOGY

ASSISTANT PROFESSOR HAYNES

# Philosophy

1. Introduction to Philosophy. First Semester: Monday, Wednesday, Friday, 8; Education Room.

The purpose of this course is to introduce the student to the method and problems of philosophy, and to acquaint him with philosophical terms. The most important systems of philosophical thought will receive general treatment, sufficient to enable the student to form his own conception of reality, the meaning and purpose of life. A few lectures and recitations will be devoted to the study of thought, its origin and nature.

The work will be based on an adequate text, supplemented by lectures, discussions, outside readings, and

reports.

Elective for Seniors and a very few Juniors.

2. History of Philosophy. Second Semester: at the same hours and place.

A selective survey of philosophical thought from the times of the Greeks to our own. The greatest European and American philosophers will receive greater attention. Each student will be expected to work out tentatively his own philosophy.

The work will be based on a textbook, supplemented by by lectures on the more important philosophers and systems

of thought.

Elective for Seniors and Juniors who have taken Course 1 or its equivalent.

3. The Philosophy of Religion. First Semester: Monday, Wednesday, Friday, 9; Latin Room.

This course is a study of the origin, nature, development,

and significance of religion.

It is not a course in theology or the Bible or the history of religions or Christianity primarily and solely, but a course in which we attempt to arrive at an understanding of the essential nature of religion, its development, its possibilities, its values, and its necessity. Here we attempt to answer many of the questions to which young men and young women can not find answers in other courses in college or elsewhere.

Some of the topics studied are the origin and characteristics of religion; its moral development; the idea of God and its development; ethics and religion; immortality; the idea of salvation; religion and science; the problem of evil; the conservation of values; the essentials of the Chris-

tian religion, and the question of its finality.

This course is adapted to the problems and needs of students of all faiths and to those who may not have

committed themselves definitely to any faith.

Recitation and class discussion based on a text-book, supplemented by lectures; readings with oral or written re-

ports.

Open to Juniors and Seniors and those Sophomores who have the approval of their advisor and the instructor. Alternated with Course 5; not offered in 1927-28.

**4.** The Philosophy of Religion. Second Semester: at the same hours and place.

Continuation of course 3. Alternated with Course 6; not offered in 1927-28.

5. Етнісs. First Semester: Monday, Wednesday, Friday, 9; Latin Room.

An introductory course in the foundation and theory of ethics.

(a). The source and meaning of values.

(b). The various theories of morality and its tests.

The work in this course will be based chiefly on a text-book and will be supplemented by occasional lectures; class discussions and reports by the members of the class on readings outside the prescribed text-books.

Open to Juniors and Seniors. Alternated with Course 3;

not offered in 1928-29.

6. Ethics. Second Semester, at the same hours and place.

A continuation of Ethics 5, leading out to the practical aspects of ethics.

(a). Personal morality.

Some of the topics listed as follows will be studied: conduct and character; duty; social relations; the virtues; fellowship, loyalty, and truthfulness; health and efficiency; culture and art; chastity and marriage; self-control; happiness; sacrifice; altruism.

(b). Public morality.

Patriotism and political problems; social duties; industrial rights; liberty and law; democracy; social betterment; morality and religion.

(c). The distinctive emphases of the Christian ethical

ideal.

Open to Juniors and Seniors. Alternated with Course 4; not offered in 1928-29.

# Psychology

1. General Psychology. First Semester: Div. A: Tuesday, Thursday, Saturday, 10, Economics Room; Div. B: Tuesday, Thursday, Saturday, 11, Economics Room.

This is a study of human nature and its behavior. The various theories of human nature will be presented, but most of the time will be spent on the most generally accepted conclusions on the subjects listed as follows: the physiological basis of consciousness and behavior; instincts; habit; memory and its economy; the nature of learning and efficiency in learning; emotions; will; thought processes; personality; the interrelations of heredity and environment.

Application of psychological principles to the various situations of life will be indicated.

Lectures, discussions based on a substantial text-book, supplementary reading and written reports under the guidance of a syllabus.

Elective for Seniors, Juniors, and a few Sophomores.

2. APPLIED PSYCHOLOGY. Second Semester: at the same hours and place.

This course is a brief survey of the uses of psychological principles, especially the conclusions of experimental psychology, in the ordinary experiences of everyday life, medicine, education, religion, industry, business, with emphasis on the fundamentals of mental hygiene. The nature of subconsciousness and of suggestion will be investigated.

Elective for those who have taken Course 1.

#### **PHYSICS**

Professor Wheeler, Assistant Professor Stanley, and Assistants

- 1. General Physics. Men's Division. First Semester.
- 2. General Physics. Women's Division. First Semester.
- 3. General Physics, continued. Men's Division. Second Semester.
- 4. General Physics, continued. Women's Division. Second Semester.
- Physics 1, 2, 3, and 4 include two hours of lectures and recitations and one two-hour laboratory exercise each week. Div. A, Tuesday, Thursday, 10; Div. B, Tuesday, Thursday, 11; Laboratory Divisions: I, Monday, 1.30-3.30; II, Tuesday, 1.30-3.30; IV, Friday, 1.30-3.30; one quiz period each week at hours to be arranged.

General physics consists of fully illustrated courses of experimental lectures and recitations on the general principles of Mechanics, Properties of Matter, Heat, Sound, Light, Magnetism and Electricity, accompanied by practical work in the laboratory, in which the students perform for themselves experiments, chiefly quantitative, illustrating the subjects treated in the class-room.

The purpose of these courses is to acquaint the student with the fundamental physical principles whose discovery and application have made possible the development of the steam-engine, the steamboat and locomotive; the dynamo, modern lighting and electric transportation; the internal combustion engine, the automobile and the aeroplane; the

telephone, telegraph, wireless communication and many other practical applications—principles concerning which it would seem that a college graduate should have at least a general knowledge. The courses are also designed to serve as a basis for further work in physics for those who intend to teach science, study medicine or prepare for the profession of engineering.

The work follows a standard text-book and specially

prepared laboratory direction sheets.

Courses 1 and 3 are required of B.S. Freshmen of the Men's Division; Courses 2 and 4 are required of B.S. Freshmen of the Women's Division. Elective for Sophomores and Juniors.

PROFESSOR WHEELER.
ASSISTANTS.
ASSISTANTS.

5 Experimental Physics. First Semester: Div. A, Tuesday, Thursday, Saturday, 8-10; Div. B, Tuesday, Thursday, Saturday, 10-12.

Elective for those who have passed Mathematics 1 and 3 or 5, or 2 and 4 or 6, as well as Physics 1 and 3, or 2 and 4.

6. Experimental Physics, continued. Second Semester: at the same hours.

Elective for those who have completed Physics 5. Courses 5 and 6 treat more in detail the principles studied in Physics 1, 2, 3, and 4. Practice is afforded in setting up and adjusting delicate physical apparatus, in making precise physical measurements and in the judicious interpretation of results. The aim is to give some insight into the manner of carrying on scientific investigatons. The greater part of the work will be in the laboratory, though recitations and lectures will be held occasionally. These courses are especially designed for those who intend to teach physics, or to study medicine or engineering; and they are required as preparation for the engineering courses, or for those who wish to enter with advanced standing the Massachusetts Institute or Technology or other technical schools.

PROFESSOR WHEELER.
ASSISTANT PROFESSOR STANLEY.

7. Theory of Heat. First Semester: Monday, Wednesday, Friday, 11.

The purpose of this course is to give a more thorough training in the mathematical principles and refined measurements of thermal phenomena than is possible in the earlier courses. Its character is indicated by the following outline: the nature and difficulties of precise heat meas-

urements, the variation of the physical properties of matter with temperature, the thermal behavior of actual gases and vapors as distinguished from ideal gases, the kinetic theory as extended to these cases, the production and measurement of high and low temperatures, and the behavior of bodies under these conditions; laws of conduction, radiation, selective absorption, diathermancy, and general phenomena of radiant energy; the mechanical theory of heat, its inception, discovery, and import; fundamental principles of thermodynamics, and their application to useful processes other than those of heat engines. Some attention is paid to the historical side of the subject, as being an aid to a better understanding of the principles involved.

Elective for those who have completed Mathematics 8, and are pursuing Mathematics 9, and have passed Physics 1 and 3, or 2 and 4.

Given in alternate years; given in 1929-30.

PROFESSOR WHEELER.

8. Thermodynamics of Heat Engines. Second Semester: at the same hours.

This course is intended to give not only theoretical, but practical instruction. It is especially designed to supplement the electrical engineering courses, by giving what is essential to them of mechanical engineering. The course covers: the principles of the conversion of heat energy into mechanical power, in all forms of heat engines,—e.g. steam (including reciprocating and turbine engines), gas, vapor, oil, hot-air, and solar engines; mechanical refrigeration and air compressors; the essentials of the mechanism employed, valve gears, and engine tests. Some problems and the working up of an engine test are required.

Elective for all who have completed Physics 7 and

Mathematics 9.

Given in alternate years; given in 1929-30.

PROFESSOR WHEELER.

9. Magnetism and Electricity. First Semester, Wednesday, Friday, 9. Laboratory hours, Monday, 8-10.

Elective for Sophomores, Juniors and Seniors who have taken or are taking Mathematics 7 and Physics 5,

10. Magnetism and Electricity, continued. Second Semester: at the same hours.

Elective for those who have completed Physics 9, and

have taken or are taking Mathematics 8.

Physics 9 and 10 cover more in detail than is possible in the earlier courses the general principles of magnetism and electricity required for work in electrical engineering. The content of these courses may be indicated as follows: magnetic elements and measurements; testing magnetic qualities of iron; measurements of resistance and temperature coefficient of resistance; electrical resistance thermometers; use of standards of electromotive force, self and mutual inductance, and capacity; insulation and capacity tests; electrolytic conduction; discharge of electricity through gases, testing of rectifying and amplifying vacuum tubes; elementary theory of alternating currents; electrical oscillations and radiation, thermo-electricity; electric light photometry.

PROFESSOR WHEELER.
ASSISTANT PROFESSOR STANLEY.

11. ELECTRICAL ENGINEERING. First Semester: Wednesday, Friday, 8; Laboratory hours, Wednesday, 1.30-3.30.

A review and further consideration of current flow in circuits; the laws of electromagnetism and of the magnetic circuit; design, use and protection of electrical measuring instruments; laboratory determinations of the operating characteristics of direct current machinery; theory and practical management of direct current motors and generators; preparation of reports. Some attention will be paid to the theory, care and use of storage batteries.

Elective for those who have taken Physics 9 and 10.

PROFESSOR WHEELER. ASSISTANT PROFESSOR STANLEY.

12. ELEMENTARY ALTERNATING CURRENT ENGINEERING AND WIRELESS TELEGRAPHY. Second Semester: at the same hours.

Laws of alternating current circuits; theory and operating characteristics including practical testing of alternating current machinery; electrical waves and oscillations; telegraph, telephone and radio communication.

Elective for those who have taken Physics 11.

PROFESSOR WHEELER. ASSISTANT PROFESSOR STANLEY.

13. RADIOACTIVITY. First Semester: Monday, Wednesday, Friday, 11.

Radioactive substances; ionization of gases; methods of measurement of radiations from radioactive bodies; alpha, beta and gamma rays; properties of these radiations; continuous production and decay of radioactive matter; theory of successive transformations; production of helium, general survey of uranium, actinium and thorium and their known products; general results and relations.

Elective for those who have completed Mathematics 8

and Physics 1 and 3, or 2 and 4.

Given in alternate years; not given in 1929-30.

PROFESSOR WHEELER.

14. MOLECULAR PHYSICS. Second Semester: at the same hours.

The general character of this course is indicated by the following outline: sources of the modern theory of matter; methods of determining atomic sizes; X-rays and crystals structure; discovery and measurement of the electron; positive rays; the contribution of radioactivity to our knowledge of subatomic structure of matter; theories of the structure of the atom; the Rutherford atom.

Elective for those who have completed Physics 13. Given in alternate years; not given in 1929-30.

PROFESSOR WHEELER.

# POLITICAL SCIENCE

See page 69.

#### **PSYCHOLOGY**

See page 77.

#### PUBLIC SPEAKING

PROFESSOR LIBBY AND PROFESSOR MARRINER

Students especially interested in the work of the Department may have fuller information about the courses offered, prizes to be contested for, and the various organizations allied with the Department, by applying for the Special Bulletin on Public Speaking issued by the College.

Public Speaking. First Semester: Thursday, 1.30; Chapel.
 Drill in articulation and pronunciation. Careful study
 and analysis of selections read. Memorizing of poems.
 Required of the men of the Freshman class.

PROFESSOR MARRINER.

2. Public Speaking. First Semester: Thursday, 1.30, English Room.

Text: "A Handbook for Public Speaking Classes." Study of voice, posture, gesture, speaking. Required of the women of the Freshman class.

PROFESSOR LIBBY.

3. Public Speaking. Continuation of Course 1. Second Semester: same hour and place.

Work of the semester ends with a prize declamation. Required of the men of the Freshman class.

PROFESSOR MARRINER.

4. Public Speaking. Continuation of Course 2. Second Semester: same hours and places.

Study of the Mental Processes in Speaking. Work of the semester ends with a public prize reading.

Required of the women of the Freshman class.

Professor Libby.

5. Public Speaking, with special study of the theory of Argumentation and Debate. First Semester: Monday, Wednesday, Friday, 1.30; English Room.

The work consists of two distinct parts: viz. (a), a study of the theory of argumentation and debate, based upon a text; and (b), preparation of briefs and arguments, classroom and public debates, and preliminary speaking in the annual Murray Prize Debate.

Elective for students of the Men's Division who have

completed English Composition 1, 3.

PROFESSOR LIBBY.

6. Public Speaking. Second Semester: at the same hours and place.

The work consists of three parts: viz. (a), a study of voice culture; (b), platform work in class on subjects previously assigned, and preliminary speaking in the annual Hallowell Prize Speaking Contest; (c), lectures covering all kinds of public addresses, and a brief history of oratory. Elective for students who have completed Course 5.

Professor Libby.

7. Public Speaking. First Semester: Monday, Wednesday, Friday, 2.30.

Essentially the same as Course 5, except that students will not be required to take part in the Murray Prize Debate, but will be required to debate before the student body on some proposition of general interest.

Elective for students of the Women's Division who have

completed first-year English Composition.

Given in alternate years: given in 1929-30.

Professor Libby.

8. Public Speaking. Second Semester: at the same hour.

Essentially the same as Course 6, except that students will not be required to contest for the Hallowell Prizes but will be required to take part in the preliminary speaking for the Coburn Prizes.

Elective for students of the Women's Division who have completed first-year English Composition and Course 7.

Given in alternate years; given in 1929-30.

PROFESSOR LIBBY.

9. Advanced Public Speaking. First Semester: Tuesday, 1.30-3.30; English Room. Other hours at convenience of instructor.

The work of the course consists of the study of an approved text-book on the general subject of the writing and delivery of addresses, of the writing of at least four public addresses of approximately 3,000 words each, of giving one public address before the student body, of taking part in the preliminary speaking in the Goodwin Prize Speaking Contest, and of frequent conferences with the instructor. The primary purpose of this advanced course is to assist men who intend to follow professions such as the law, ministry, and public service, in which much public speaking is demanded.

Elective for men of the Junior and Senior classes who

have completed satisfactorily Courses 5 and 6. Given in alternate years; given in 1928-29.

PROFESSOR LIBBY.

10. Advanced Public Speaking. Continuation of Course 9. Second Semester: at the same hours.

The work of the second semester consists largely of conferences. Three addresses of approximately 3,000 words each will be required. A careful study will be made of the structure of some of the great masterpieces of Oratory. At least one public address must be delivered during the semester. Students will be required to assist the Department in training men of other classes for public exhibitions.

Elective for those who have taken Course 9. Given in alternate years; given in 1928-29.

PROFESSOR LIBBY.

11. Intercollegiate Debate. First and Second Semester, extending from the middle of November to the middle of April: Monday, 4.30, Tuesday, 3.30, Wednesday, 4.30.

The work of the course consists of an intensive study of the theory of argumentation, analysis of intercollegiate debate propositions, much platform work, and participation in intercollegiate debates.

The course is open to such students as show unusual

ability in debate.

Professor Libby.

Note: Students enrolled in courses in Public Speaking are required to attend all public speaking exhibitions as well as all public lectures held under the auspices of the College.

## RELIGIOUS EDUCATION

#### ASSISTANT PROFESSOR NEWMAN

1. THE LIFE AND TEACHING OF CHRIST. First Semester: Tuesday, Thursday, and Saturday, 8; Education Room.

The work of the semester will be divided into three parts. First: a careful study will be made of the geographical, historical, and religious background of Jesus' day. The Synoptic Gospels, the Fourth Gospel, and the extracanonical accounts will also be critically considered as sources for such a study. Second: an exegetical and inductive study will be made of the recorded life of Christ, and of the various interpretations of his work and personality. Third: an attempt will be made to understand Jesus' religious consciousness and teaching.

Elective for students of both Divisions.

2. THE FIRST CENTURY OF CHRISTIANITY. Second Semester: at the same hours and place.

An inductive study of the beginnings of Christianity, of Paul's life, influence, and Epistles, of the remaining books of the New Testament, and of the methods and polity of the early church. The growth of Christianity will be traced and opposing forces noted. Other problems to be discussed are the modern views regarding the Apostle Age and the canonization of the New Testament. A brief survev will be made of the lives and writings of the early church Fathers.

Elective for students of both divisions who have completed Course 1.

3. THE LITERATURE AND HISTORY OF THE OLD TESTAMENT. First Semester: Tuesday, Thursday, Saturday, 9; Education Room.

A candid and reverent study of the Old Testament literature in its historical development. Special attention will be given the literary problems of the Pentateuch, the founding and early history of Israel, the rise of the prophets and their messages, the Psalms and Wisdom Books.

Lectures, readings in the Old Testament, recitations, and occasional written reports. The purpose of this course is to stimulate the student's appreciation of the Hebrew Scriptures.

Elective for Sophomores, Juniors, and Seniors.

4. THE LIFE AND THOUGHT OF THE OLD TESTAMENT AND INTER-BIBLICAL PERIODS. Second Semester: at the same hours and place.

This is a continuation of Course 3. A topical study will be made of the origin and development of the religious thought of the Hebrew people, the effect of their environment and history upon their thinking, with special emphasis on the teachings of the Hebrew prophets and poets. The interbiblical period and the Apocryphal writings will be studied at the close of the semester.

Assignments in textbook with constant reference to the Old Testament, recitations and discussions, occasional

written reports, and lectures.

Elective for Sophomores, Juniors, and Seniors.

THE PSYCHOLOGY OF RELIGION. First Semester: Monday, Wednesday, Friday, 9; Education Room.

A study will be made of a child's native equipment, his use of this equipment in acquiring a knowledge of God, and the child's religious development based on this knowledge. A detailed investigation of the psychology of early, middle, and later adolescence will be attempted in order to discover the religious adjustments of these periods. A broader study of the racial beginnings and development of religious ideas and experiences will conclude the semester's work.

Among the methods used will be: problems, investigation of topics, discussion, text book, assigned readings, observation and report, and occasional lectures. The project for the semester will be the writing of a paper on "The Devel-

opment of the Consciousness of God"

Elective for those who have completed Courses 1 and 2 or 3 and 4.

6. AN INTRODUCTION TO RELIGIOUS EDUCATION. Second Semester: at the same hours and place.

A careful study of the history of religious instruction from the time of the Hebrew Commonwealth through the Medieval Reformation and Colonial periods will be the first task. The varied curricula material-past and presentwill be analyzed and discussed. The principles of religious psychology will be applied to the educational methods, organization, curriculum, supervision, and measurements in the church schools and other schools of religion. Varied types of experiments and programs in the home, school, church, community, and state will be examined.

Elective for those who have completed Course 5.

7. THE HISTORY OF RELIGIONS. First Semester: Monday, Wednesday, Friday, 9; Education Room.

The religions of China, Japan, Egypt, Babylonia, Assyria, India, Persia, Greece, and Rome will be among those investigated. A study of Judaism will conclude the semester.

Elective for those who have completed Courses 1 and 2

or 3 and 4.

[Not offered in 1928-29.]

8. The History of Religions. Second Semester: at the same hours and place.

This will be a continuation of Course 7 with special emphasis upon the history of Mohammedanism and Christianity. A study will also be made of the rise, growth, and teaching of contemporary religious sects in the United States.

Elective for those who have completed Course 7. [Not offered in 1928-29.]

#### SOCIOLOGY

See page 49.

#### SPANISH

## ASSOCIATE PROFESSOR STRONG

1. ELEMENTARY SPANISH. First Semester: Div. A, Monday, Wednesday, Friday, 11.20; French Room; Div. B, Tuesday, Thursday, Saturday, 11.20; S. E. Room.

A study of Spanish grammar with abundant oral and written exercises. Reading, composition, conversation. The best features of the direct method are employed.

- 2. Continuation of Course 1. Second Semester: at the same hours.
- 3. Intermediate Spanish. First Semester: Monday, Wednesday, Friday, 9; S. E. Room.

Reading of selected texts from the works of modern authors. Composition and conversation.

Elective for students who have completed Courses 1, 2.

4. Continuation of Course 3. Second Semester: at the same hour.

Course 3-4 is alternated with Course 5-6; not given in 1928-29.

5. General Course in the Spanish Language and Civilization. First Semester: Monday, Wednesday, Friday, 9; S. E. Room.

Literary and historical topics; composition and conversation.

Elective for students who have completed Courses 1, 2.

6. CONTINUATION OF COURSE 5. Second Semester: at the same hours.

Course 5, 6 is alternated with Course 3, 4; not given in 1929-30.

## **ZOOLOGY**

See page 40.

### PHYSICAL EDUCATION AND ATHLETICS

PROFESSOR EDWARDS

MR. MICHAEL J. RYAN, Coach of Track
MR. Edward Roundy, Coach of Football and Baseball
MR. Ellsworth W. Millett. Assistant Coach of Football
MR. J. Frank Goodrich, Assistant Coach of Football

The equipment for Physical Education and Athletics consists of a Gymnasium containing Basketball court and adjoining locker and shower rooms; an excellent athletic field, known as Seaverns Field, with the best one-fourth mile cinder track in the State, one-hundred and two-hundred-twenty yard straightaways, a new concrete stadium, with seating capacity of 3,000; football and baseball fields.

## Theoretical Work

1. Physiology. First Semester: Monday, Wednesday, Friday, 8; Greek Room.

A general study of physiology of the human body. Recitations, lectures, and experiments.

Elective for Sophomores, Juniors, and Seniors.

Professor Edwards.

2. Physiology, Hygiene and Sanitation. Second Semester: at the same hours and place.

Continuation of Physiology 1, but with the addition of lectures, discussions of Sanitation and its relation to health and disease.

Elective for students who have had Physiology 1.

PROFESSOR EDWARDS.

#### HYGIENE.

A study of Personal Hygiene, dealing with the care of the body in health and illness and general topics of Hygiene in connection with the group or community, will take the place of one hour of Physical Education. Required of Freshmen.

# Practical Work

Physical Education is required of all members of the Sophomore and Freshman classes. Members of these classes participating in the sports are excused from the work during the period of such partici-

pation. The work consists of gymnastic marching, posture exercises, co-ordinating exercises, calisthenics, group games, etc. In cases where it is advisable, individual work will be assigned. A physical examination of all members of the classes will be made at the beginning of each semester.

- 1. Physical Education. First Semester: Div. A, Monday, Wednesday, Friday, 11; Div. B, Tuesday, Thursday, Saturday, 11.

  Required of all Freshmen men.
  - 2. Physical Education. Second Semester: at the same hours. Repuired of all Freshmen men.
- 3. Physical Education. First Semester: Div. A, Monday, Wednesday, Friday, 3.30; Div. B, Monday, Wednesday, Friday, 4.30.

  Required of all Sophomore men.
  - 4. Physical Education. Second Semester: at the same hours. Required of all Sophomore men.

#### Athletics

The department is well organized and has adequate equipment for representative college athletics. The recognized sports for which awards of the Colby "C" are given to men who fulfill the requirements are as follows: Football, Cross Country, Relay Teams, Baseball, Track, Tennis. The organization of Basketball and Hockey will presently require recognition by the Athletic Council. The organization of the Outing Club for the carrying on of winter sports increases the opportunities for a wider participation in athletics.

#### HYGIENE AND PHYSICAL EDUCATION

MISS VAN NORMAN

PURPOSE. The Department of Hygiene and Physical Education aims for the health of each individual student through theoretical work in hygiene, anatomy, and physiology, together with practical work in the gymnasium and out-of-doors, and through the establishment of right habits of living.

As food is important to health, a trained dietitian provides pure and well prepared foods in the dormitory, so as to give each student the required number of calories a day. Health League. Any woman upon matriculation in the Women's Division of Colby College automatically becomes a member of the Women's Health League.

The purpose of this League is to promote constantly and consistently health standards. This purpose is expressed in the motto of the League "Mens sana in corpore sano." The League heartily coöperates with the college department of hygiene.

Examinations. The needs of each student are ascertained by a careful medical and physical examination in the fall. From data carefully recorded at this time advice and prescription of physical exercises are given to assist the student to regain or retain the health of every organ of the body. To note improvement and give further advice students are reexamined in the spring, or whenever found necessary.

When a student's physical condition is such that more time is necessary to regain health than the college curriculum permits, she may be asked to withdraw temporarily from the college until her condition justifies her return.

All illness must be reported to the Director of the Department at once.

All absences from academic work due to illness must be excused by the Director.

EQUIPMENT. Funds have recently been secured to provide a suitable place for carrying on the work. This will include gymnasium with showers, dressing rooms, class-rooms, and swimming pool. At present, use is made of a small gymnasium in the basement of Foss Hall. At the rear of Foss Hall is a hockey field which has been so graded as to be easily flooded for use as a skating rink in the winter. There are three good tennis courts and a little field space for archery or other activities.

Note: All practical work in the department requires a costume. This should be purchased from the college before entering college so as to secure uniformity at the least expense and with as little delay to the work as possible.

#### Theoretical Work

1. HYGIENE. First Semester: Monday and Friday, 1.30; Latin Room

A study of the proper management, protection and care of the human body for the preservation of health.

Required of the women of the Freshman class.

Hygiene. Second Semester: same time and place.
 A continuation of Hygiene 1.
 Required of the women of the Freshman class.

#### Practical Work

- 1. GYMNASTICS. First Semester: Div. A, Monday, Wednesday, Friday, 2.30; Div. B, Monday, Wednesday, Friday, 3.30. Required of Freshmen.
  - 2. GYMNASTICS. Second Semester: at the same hours. Required of Freshmen.
- 3. GYMNASTICS. First Semester: Div. A. Tuesday, Thursday, Saturday, 10; Div. B, Tuesday, Thursday, Saturday, 11.

  Required of Sophomores.
  - 4. GYMNASTICS. Second Semester: at the same hours. Required of Sophomores.
  - 5. GYMNASTICS. First Semester: Monday, Wednesday, 9.00. Elective for Juniors.
  - 6. GYMNASTICS. Second Semester: at the same hours. Elective for Juniors.
- 7. GYMNASTICS. First Semester: Div. A, Tuesday, Thursday, 1.30; Div. B, Tuesday, Thursday, 4.30; Div. C, Monday, Wednesday, 9.00.

Elective for Seniors.

8. Gymnastics. Second Semester: at the same hours. Elective for Seniors.

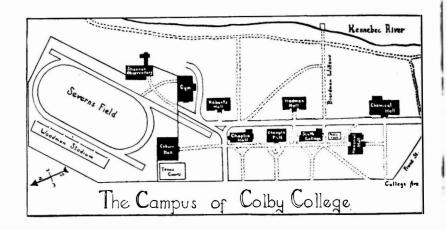
Note: The gymnastic hour is devoted to practical floor drills, carefully selected and graded to meet the qualifications of each class, individual health exercises, apparatus work, folk and interpretive dancing. In the fall field hockey, tennis, and archery take the place of indoor work. In winter floor drill is supplemented by volley ball, basket ball, and outdoor sports. In the spring, tennis, soccer, baseball and some track events are offered.

# WEEKLY SCHEDULE OF CLASSES

	WELLEL	DOI ILD CL	
	MONDAY, WE	EDNESDAY AY	TUESDAY, THURSDAY SATURDAY
i	Bus. Adm. 7,8 (Chem. Chemistry 13, 14 (Chet Eng. Comp. 1, 3, Div. 2. Eng. Lit. 1, 2, Div. A (Eng. Lit. 1, 2, Div. C (Eng. Lit. 1, 2, Div. A (Exp. Lit. 1, 3) (Latin Room Math. 2, 6, Div. A (Fr. Math. 7, 8, Div. A (Mr. Philosophy 1, 2 (Educ. Physiology 1, 2 (Greek Physics 9, 10 (Mon. on Physics 11, 12 (except Polit. Sci. 1, 2 (Hist. R Sociology 5, 6 (Econ. F. Zoölogy 3, 4	m. Lect. Room) A. (German Room) S. E. Room) Eng. Room) Phys. Lect. Rm.) Room) kc. Friday) c. Friday) th. Room) ath. Room) Room) kcom) kcom) koom) koom) koom) koom)	Astronomy 1, 2 (French Room) Botany 1, Zoology 2 (except Sat.) Bus. Adm. 3, 4, Div. B (Math. Room) Chemistry 7, 8 Economics 1, 2, Div. C (Econ. Room) Eng. Comp. 1, 3, Div. C (Latin Room) Eng. Comp. 1, 3, Div. D (Phys.Lect.Rm.) Eng. Lit. 1, 2, Div. B (S. E. Room) Eng. Lit. 8, 17 (Eng. Room) French 5, 6, Div. A (Greek Room) Gcology 3, 4 (except Saturday) History 1, 2, Div. B (History Room) Math. 1, 5, Div. E (Drawing Room) Physics 5, 6, Div. A Relig. Educ. 1, 2 (Educ. Room)
9:00	Chem. 3, 4, exc. Mon. 6 Economics 1, 2, Div. A Geology 1, 2, Div. B (es German 1, 2, Div. A (Greek 11, 12 (Greek R, History 7, 8 (History I Journalism 1, 2 (Eng. 1 Latin 2, 4, Div. A (Fr Math. 1, 5, Div. A (Or Math. 3, 5, Div. D (Ma Math. 4, 6, Div. C (Ma Philosophy 3, 4 (Latin Physics 9, 10 Relig. Educ. 5, 6 (Educ Spauish 5, 6(S. E. Rod Zoölogy 3, 4 Phys. Educ. 5, 6 [wom Phys. Educ. 7, 8, Div. 6	A (Econ. Room) A (Econ. Room) A (Erman Room) A (Erm	Chemistry 7, 8 Eng. Lit. 9, 10 (S. E. Room) Eng. Lit. 11, 18 (Eng. Room) French 5, 6, Div. B (Geol. Lect. Room) French 11, 12 (Latin Room) German 1, 2, Div. B (German Room) Greek 1, 2 (Greek Room) History 13, 14, (History Office Room) Math. 1, 5, Div. B (Drawing Room) Math. 1, 5, Div. B (Drawing Room) Math. 2, 6, Div. B (Math. Room) Physics 5, 6, Div. A Political Science 3, 4 (History Room) Religious Educ. 3, 4 (Educ. Room) Sociology 1, 2, Div. B (Econ. Room)
10:20		exc. Monday) A (Phys. Classroom) A (Phys. Classroom) A (Phys. Classroom) Cept Mon.) B (Latin Room) B (Latin Room) B (Room) Oom) Oom) Oexc. Friday) German Room) m) Room) rawing Room) oom)	Chemistry 5, 6, Div. A Chemistry 15, 16 Economics 1, 2, Div. D (S. E. Room) Eng. Comp. 1, 3, Div. E (Greek Room) Eng. Comp. 2, 4, Div. B (Eng. Room) French 5, 6, Div. C (French Room) French 7, 8 (German Room) History 9, 10 (History Room) Latin 2, 4, Div. B (Latin Room) Math. 7, 8, Div. B (Math. Room) Math. 5, 16 (Drawing Room) Physics 1, 2, 3, 4, Div. A (except Sat.) Physics 5, 6, Div. B Psychology 1, 2, Div. A (Econ. Room) Phys. Educ. 3, 4, Div. A [women]
11:20	Biology 1, 2, Div. B (c Chemistry 1, 2 (on Mc Chemistry 1, 2 (on Mc Economics 5, 6 (Geolog Education 3, 4 (Educ. Eng. Comp. 2, 4, Div. Trench 3, 4, Div. A (Moreover 1), 10 (Moreover 1), 11 (Moreover 1), 12 (Moreover 1), 12 (Moreover 1), 12 (Moreover 1), 12 (Moreover 1), 13 (Moreover 1), 14 (Moreover 1), 15 (Moreover 1), 15 (Moreover 1), 15 (Moreover 1), 16 (Moreover 1), 17 (Moreover 1), 17 (Moreover 1), 17 (Moreover 1), 17 (Moreover 1), 18 (Mor	on. Lab. Sec. I only) gy Lect. Room) Room) A (English Room) Jath. Room) E. Room) Room) Room) Room)	Bibliog. 1 [1st Sem. only] (Hist. Room) Bus. Adm. 1, 2, exc. Tues. (Math. Rm.) Chemistry 5, 6, Div. A Chemistry 15, 16 Economics 5, 6, Div. B (Geol. Lect. Room) Eng. Comp. 2, 4, Div. C (Eng. Room) Eng. Comp. 2, 4, Div. C (Eng. Room) Eng. Lit. 12 [2nd Sem.] (Hist. Room) French 13, 14 (French Room) Geology 5, 6 (except Saturday) German 7, 8 (German Room) Greek 13, 14 (Greek Room) Math. 15, 16 (Drawing Room) Physics 1,3; 2, 4, Div. B (exc. Sat.) Physics 5, 6, Div. B Psychology 1, 2, Div. B (Econ. Room) Spanish 1, 2, Div. B (S. E. Room) Phys. Educ. 1, 2, Div. B [men] Phys. Educ. 3, 4, Div. B [women]

	MONDAY, WEDNESDAY, FRIDAY	TUESDAY	THURSDAY
1:30	Biology 1, 2 (Lab. Sec. I, Mon. only; Lab. Sec. III, Wed. only) Chemistry 17, 18 Eng. Comp. 3, 4, Div. F [1st Sem.] (French Room) Geology 1, 2 (Lab. Sec. I, Mon. only; Lab. Sec. III, Wed. only) German 3, 4, Lab. (Friday only) German 3, 4, Div. B (German Room) History 1, 2, Div. A (History Room) Hygiene 1, 2 [wom.] (exc. Wed. Lat.Rm.) Math. 17, 18 (Drawing Room) Physics 1,3; 2, 4 (Lab. Sec. I, Mon. only; Lab. Sec. III. Wed. only; Lab. Sec. IV, Fri. only) Public Speaking 5, 6 (Eng. Room)	Biology 1, 2, Lab. Sec. II Bus. Adm. 1, 2, Lab. Sec. I (Math. Room) Chemistry 1, 2, Lab. Sec. II Chem. 3, 4, Lab. Geology 1, 2, Lab. Sec. II Physics 1, 3; 2, 4, Lab. Sec. II Pub. Speak. 9, 10 (Latin Room) Phys. Educ. 7, 8, Div. A [women]	Botany 1, Zoölogy 2, Lab. Bus. Adm. 1, 2, Lab. Sec. II (Math. Room) Geology 5, 6, Lab. German 9, 10 (German Room) Physics 11, 12, Lab. Pub. Speak. 1, 3 ((Chapel) Pub. Speak. 2, 4 (Eng. Room) Zoölogy 5, 6, Lab. Phys. Educ. 7, 8, Div. A [women]
2:30	Biology 1, 2 (Lab. Sec. I, Mon. only; Lab. Sec. III, Wed. only) Chemistry 5, 6. Div. B Chemistry 9, 10 Chemistry 17, 18. Lab. (Mon. only) Economics 1, 2, Div. B (Econ. Room) Education 1, 2 (Education Room) Eng. Comp. 5, 6 (Eng. Room) French 3, 4, Div. C (French Room) Geology 1, 2 (Lab. Sec. I, Mon. only; Lab. Sec. III, Wed. only) Geology 3, 4, Lab. (Friday only) Math. 17, 18 (Drawing Room) Physics 1, 3; 2, 4 (Lab. Sec. I, Mon. only; Lab. Sec. IV, Friday only) Lab. Sec. IV. Friday only) Public Speaking 7, 8 (Latin Room) Phys. Educ. 1, 2, Div. A [women]	Biology 1, 2, Lab. Sec. II Bus. Adm. 1, 2, Lab. Sec. I (Math. Room) Chemistry 1. 2, Lab. Sec. II Chem. 3, 4, Lab. Geology 1, 2, Lab. Sec. II Physics 1,3; 2, 4, Lab. Sec. II Pub. Speak. 9, 10 (Latin Room)	Botany 1, Zoölogy 2, Lab. Bus. Adm. 1, 2, Lab. Sec. II (Math. Room) Geology 5, 6, Lab. Physics 11, 12, Lab. Zoölogy 5, 6, Lab.
,	Chemistry 5, 6, Div. B Chemistry 9, 10 Chemistry 17, 18. Lab. (Mon. only) Latin 8, 9 (Latin Room) Phys. Educ. 3, 4, Div. A [men] Phys. Educ. 1, 2, Div. B [women]	Chem. 11, 12, Lab.	Botany 1, Zoölogy 2, Lab. Zoölogy 5, 6, Lab.
4:30	Chemistry 17, 18. Lab. (Mon. only) Phys. Educ. 3, 4. Div. B [men]	Chem. 11, 12, Lab. Phys. Educ. 7, 8, Div. B [women]	Botany 1, Zoölogy 2, Lab. Zoölogy 5, 6, Lab. Phys. Educ. 7, 8, Div. B [women]

All Chemistry classes meet in Chemical Hall; all Biology, Zoölogy, and Geology classes, in Coburn Hall; all Physics classes, in the Shannon Building.



# KEY TO ROOMS

Biology Lecture Room:
Воок Store:
CHEMISTRY Lecture Room:1st floor. Chemical Hall.
Drawing Room:
Economics Room:1st floor, south. Champlin Hall.
Education Room:
English Room:
French Room:
Geology Lecture Room:1st floor, Coburn Hall.
GERMAN Room:2nd floor, north, Champlin Hall.
Greek Room:3rd floor, north, Champlin Hall.
History Room:3rd floor, south, Champlin Hall.
Latin Room:
Mathematics Room:
Physics Lecture Room:
President's Office:
REGISTRAR'S Office
SOUTH-EAST Room:3rd floor, S. E., Coburn Hall.
Treasurer's Office:1st floor, N. W., Champlin Hall.

# THE LIBRARY

Librarian: Ernest C. Marriner Assistant Librarian: Muriel E. Lewis Reference Librarian: Harold E. Clark

Student Clerks: Ernest E. Miller, Richard E. Benson, John A. Chadwick, L. Bernice Collins, Hamilton B. Grant, Irene G. Hersey, Edwin D. Merry, Rena J. Mills, Norris W. Potter, Ralph M. Snyder, William H. Stineford, Wendell H. Thornton.

The library is the laboratory of most of the college departments. It contains 70,000 books and about 15,000 pamphlets, classified and catalogued according to the Dewey Decimal System of library classification. In a dictionary card catalogue the reader will be able to find any book in the library listed under author, subject, and title.

The library employs the so-called "open stack" system, which means that all students have free access to the stacks, where they may go at any time to select whatever books they may need. The only exception to this freedom is the reserved book room, upon the shelves of which are placed all books in which instructors make definite class assignments for collateral reading. These books are always under the care of a reserved book attendant, must be used in the library, and are subject to other restrictions concerning which the student should seek full information at the library desk. A pamphlet, "How to Use the Library" is issued without charge to all students. In this pamphlet readers will find the library rules, a clear explanation of the Dewey System, and other valuable information concerning the use of library materials.

More than one hundred periodicals are regularly received, including several important publications from foreign countries. These magazines are subsequently bound and preserved in permanent files. The "Reader's Guide to Periodical Literature", the "Industrial Arts Index" and the "New York Times Index" serve as reference guides to these periodicals.

The library is a government depository and regularly receives a selection of documents issued by the United States Government. These are properly filed and are at all times available for reference. Readers will also find here a complete file of documents issued by the State of Maine.

The hours during which the library is open are posted at the entrance to the Reading Room.

# THE COLLEGE BUILDINGS

The college buildings, sixteen in number, occupy an extensive campus in the northern part of the city of Waterville, on the west bank of the Kennebec river. (See diagram, page 94.)

#### MEMORIAL HALL

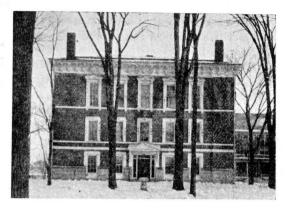
This building, erected as a memorial to the alumni of the College who fell in the service of their country during the Civil War, is located at the south end of the campus. It is built of gray stone and has a clock tower 80 feet in height. It contains the College Chapel and the College Library. On the first floor of the western wing is the Chapel.

The College Library occupies the second floor of the western wing and the entire eastern wing. The latter contains a reading room, supplied with double alcoves and shelves for thirty-thousand volumes. It is open daily for the use of students and members of the faculty. The Seaverns reference room is on the second floor of the western wing, above the chapel. This room provides attractive and welllighted quarters for reading and study. Here is found the Memorial Tablet to the soldier dead, surmounted by a copy, in marble, of Thorwaldsen's Lion of Lucerne. Here also are portraits of distinguished friends and benefactors of the college, and the bronze tablet erected by the New York Colby Alumni Association in memory of Edward Winslow Hall, LL.D., of the class of 1862, Librarian of the College from 1873 until his death in 1910. The furnishings of the library are of the most approved modern pattern, including tables and chairs for seventy-two readers. In this room are found the reference books, and a general collection of twelve thousand volumes of special value to the student. Books selected by members of the Faculty for reading in connection with class work are reserved on special shelves conveniently located for the use of students.

#### CHAMPLIN HALL

This building is named after President James T. Champlin, D.D., LL.D., in recognition of his distinguished service while at the head of the College. It occupies a central position on the campus and is used as a recitation hall. It contains the class-rooms of the Departments of Greek, German, History. and Economics; the collection of

large photographs for the study of Art; a large room on the second floor equipped with specially designed desks for the use of the classes



in Mechanical Drawing; the College Book Store, and the Treasurer's Office.

# CHEMICAL HALL

CHEMICAL HALL is thoroughly modern in plan and equipment. The building contains, on the first floor, a large laboratory devoted to the work in General Chemistry; a laboratory for quantitative analysis; a balance room; furnace and glass blowing room containing an apparatus for forced draft; a lecture room capable of seating one hundred per-



sons in seats arranged in rising tiers and equipped with a lecture table provided with gas and electric service, and an excellent projection lantern; private laboratory and an office for the use of instructors; a stock room for lecture apparatus and chemicals, and a department library.

In the basement are laboratories for qualitative analysis and organic chemistry. The qualitative laboratory will accommodate sixty-four students and the organic laboratory thirty-eight. These rooms are well equipped in every way for their special work. A large apparatus room and two chemical stock rooms conveniently arranged are also located on this floor.

The Chemical Laboratories are well planned and equipped. Each student is provided with a table for individual work, and is supplied with the required apparatus and reagents. They are likewise equipped with a great variety of special apparatus consisting in part of analytical balances, molecular weight apparatus, spectroscopes, polariscopes, projection apparatus, Abbé Pebble Mill, centrifugal machine, physical and electro-chemical apparatus, furnaces of different types, etc.

In all, thirteen rooms in this building are devoted to the work of the Department of Chemistry.

The second floor of the building contains the President's office and lobby, the Registrar's office, and four large class-rooms.

# SHANNON PHYSICAL LABORATORY

The Shannon Observatory and Physical Laboratory constitutes one of the first gifts to the college from an honored alumnus and one of



the most generous benefactors of Colby, the late Hon. Richard Cutts Shannon, LL.D., of the Class of 1862. In presenting the Shannon building to the college in 1889, he provided a greatly appreciated home for the Department of Physics, which occupies the main building, a two-story brick structure with basement, as well as a one-story

addition constructed in 1926. The southern portion of the building consists of a tower, surmounted by a dome in which is the Astronomical Observatory equipped, among other things, with an astronomical telescope of four-inch objective.

The Department of Physics is well equipped with the necesssary apparatus for two years' work in General Physics. It also possesses apparatus for advanced work in light, and laboratory standards and apparatus for advanced electrical and magnetic measurements.

This building contains, on the first floor, besides a private laboratory and office, a recently constructed lecture room with seats in rising tiers accommodating about one hundred and thirty-five persons. With spacious cupboards for the storage of demonstration apparatus, a Physics lecture table provided with gas, water and electrical circuits for alternating and direct current, a good projection lantern and suitable blackboards, excellent facilities will be provided for instruction in General Physics. The new addition contains a well-equipped Electrical Engineering laboratory, provided with both direct and alternating current generators and motors, transformers and a well-selected set of measuring instruments for this work; adjoining this laboratory is the workshop of the Department. On the second floor is situated the large General Physics laboratory, a small optical laboratory, a small classroom and an office. A wireless room is located in the tower.

In all, nine rooms in this building are devoted to the work of the Department of Physics.

#### COBURN HALL

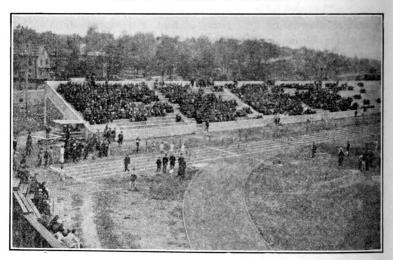
COBURN HALL is so named in acknowledgment of benefactions from one of the most liberal friends of the College, Hon. Abner Coburn. The building, of rough quarried stone, with granite trimmings, houses the Departments of Geology and Biology in quarters completely rebuilt in 1927.

The Geological Laboratory is provided with collections to illustrate the lectures in Mineralogy, Geology, Paleontology, and Physical Geography. The Mineral Collection embraces over 3,500 specimens, including many that are well crystalized. The Paleontological Collection includes a suite of the most characteristic American fossils, and some of the foreign ones. The Geological Cabinet includes among other things: Rosenbusch's set of 490 massive rocks and 100 European crystalline schists, and the U. S. Geological Survey educational series of 150 speciments of typical American rocks. The De-

partment is well equipped with numerous lantern slides for the illustration of the geological lectures. A set of 175 crystal models affords opportunity for the study of crystallography.

The Biological laboratory occupies the second floor and one room on the third floor of the building. It is supplied with illustrative material for laboratory and lecture uses, consisting of charts, models and specimens, microscopes, microtomes, paraffin baths, lanterns, and both microscopic and lantern slides. Each student is supplied with a seat at a table and has the use of a compound microscope and instruments for dissection.

## THE WOODMAN STADIUM



The concrete stadium, seating about 3,000, is the gift of Mrs. Eleanora S. Woodman, of Winthrop, Maine, in honor of the Colby men who served in the World War. It was erected in 1922.

# MEN'S GYMNASIUM

A brick building, remodeled in 1892-93, is used by the Department of Physical Education. It is well equipped for the carrying on of the work of the Department.

## WOMEN'S GYMNASIUM

The Alumnae Building, erected in 1928, was given to the College by Colby women, the largest individual donor being Professor Florence E. Dunn. This building serves as a recreation center as well as the home of the Physical Education Department.

A gymnasium, seventy by forty-six feet, occupies the larger part of the two floors. At one side of this, on the first floor, are a social room with connecting kitchen and small dining room. At the other side are the office of the Physical Director and a room for corrective gymnastics. On the second floor are the Young Women's Christian Association Room and a large recitation room. Dressing rooms, shower baths and a bowling alley are in the basement. The foundations for a swimming pool are being prepared, and this will be completed just as soon as funds can be secured.

The gymnasium can be converted into an auditorium for plays, concerts and lectures. There is a stage at one end, and a balcony seating one hundred adds to the capacity of the auditorium. The building is modern in every respect and provides excellent facilities for the promotion of health, for practice in dramatics and for the enjoyment, under adequate supervision of social and recreational activities.

# RESIDENCE HALLS

# Men's Division

NORTH COLLEGE (Chaplin Hall) named in memory of Colby's first



President, Rev. Jeremiah Chaplin, D.D., and South College are brick dormitories, each four stories in height. Each building accommodates about fifty students. The south half of Chaplin Hall is occupied by the Delta Upsilon fraternity and the north half by the Lambda Chi

Alpha fraternity. South College is occupied by two fraternities, Zeta Psi and Alpha Tau Omega. Both buildings are heated by steam and

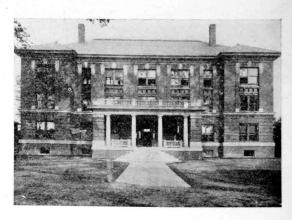
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lighted by electricity, and provided with toilet rooms and shower baths. In each of the fraternity divisions, the lower floor is arranged for social purposes with parlor, reception and reading room, and lobby, and the upper floors contain the chapter hall and the study and sleeping rooms of the students.

ROBERTS HALL erected in 1911, named in honor of Arthur J. Rob-



erts, LL.D, '90, then President of the College, and Hedman Hall, erected in 1915, and named in memory of Professor John Hedman, M.A., '95, are brick and stone buildings of the same plan, three stories high, furnishing accommodations for fifty students each. Both these

halls are used as Freshman dormitories. The rooms are in suites, consisting of a large study, a bedroom and an ample closet. On every floor there is a toilet, with shower bath and lavatories. All rooms are provided with the necessaries of furniture, a table, a chair, and a cot and mattress for each student. Plans of the dormitories with schedule of charges for room rent will be provided upon application.

The Phi Delta Theta and Delta Kappa Epsilon fraternities and the Lancers Club occupy dormitory buildings on College Avenue near the campus, and the Kappa Delta Rho fraternity has a house on Silver Street

# Women's Division

Foss Hall, the gift of Mrs. Eliza Foss Dexter, opened for students in September, 1905, stands on College Avenue, near the college



campus. In addition to the well-furnished double and single rooms which accommodate seventy-five students, the building provides an Assembly Hall, an attractive reading room, a large dining hall, and the Dean's office.

MARY Low Hall, named in honor of Mrs. Mary Low Carver, the first woman graduated from Colby College, is a smaller residence hall used by those who cannot be accommodated in Foss Hall; and DUTTON HOUSE is available for the same purpose.

FOSTER HOUSE, adjacent to Foss Hall, for many years the home of the late Professor John B. Foster, was added to the College residence halls in the fall of 1921.

Mower House was purchased in the spring of 1928, and provides an attractive home for sixteen girls.

# FEES AND EXPENSES

#### **Tuition**

The regular charge for tuition each semester is \$20, for each course, including all extra courses, with a minimum charge of \$100.

Of this tuition fee, \$50. must be deposited as a registration fee on or before Registration Day in September. Until a receipt for this registration fee is obtained from the Treasurer, a student may neither register with the Registrar nor enroll in any college class. The amount thus deposited will be credited toward the payment of the tuition fee.

The college regulations regarding registration, payment of bills, etc., will be found in "Administrative Rules", published by the college.

# Departmental Fees

Laboratory fees are charged in science courses a	s follows:
Biology 1, 2	\$3.00 a semester
Chemistry 1, 2, 3, 4	6.00 a semester
Chemistry 5, 6, 7, 8, 11, 12	7.00 a semester
Chemistry 9, 10, 15, 16, 17, 18	8.00 a semester
Geology 1, 2, 5, 6	3.00 a semester
Geology 3, 4	2.00 a semester
Physics 1, 2, 3, 4	3.00 a semester
Physics 5, 6, 9, 10, 11, 12	5.00 a semester
Zoölogy 1	1.00 a semester
Zoölogy 2	3.00 a semester
Zoölogy 3, 4	4.00 a semester
Zoölogy 5, 6	5.00 a semester
Library fees are charged in departments as follows	)ws:
English Composition and Literature	1.50 a semester
History and Political Science	1.50 a semester

# Subscriptions

Students' subscriptions to the Athletic Association, to the Y. M. C. A., to the *Echo, Colbiana* and *Oracle*, and to Departmental Library Funds, and the cost of outlines and laboratory materials used in the courses in science, are, by request, placed on the semester bills.

#### Seniors' Fees

There will be a Music Fee of \$3 and a Diploma Fee of \$5 for each graduating Senior. These fees will be charged upon the final semester's bill.

## Men's Division

Room rent for students living in college dormitories on or off the campus is \$30 a semester.

Each student in Hedman and Roberts Halls pays \$4 a semester for electric lights.

Table board may be obtained in the city from \$5 to \$7.

## Women's Division

Room rent and board for students living in Foss Hall is \$153.00 a semester; and for those in Mary Low Hall, and in Dutton House, \$148.00 a semester.

If a student be compelled by illness or other necessity to leave college before the end of a semester, the charge for that semester is \$15 a week for the time spent in college. No deduction is made for absence except in cases of prolonged illness.

There is a charge of \$3.00 each semester for electric lights for all those living in women's dormitories.

There is a charge of \$5.00 the first semester for the Department of Physical Education.

# FINANCIAL AID

# Self-Help

The College uses student service on the Campus and at Foss Hall, thus giving employment to needy young men and women. Colby is situated in a city of over 13,000 inhabitants, and employment outside the College is obtainable. Prospective students who desire specific information are requested to communicate with the Adviser to Freshmen.

# Scholarships

The College has at its disposal endowed scholarships amounting to over \$100,000.00. The income of these scholarships, varying from

\$30 to \$50 per annum, is devoted to the assistance of worthy students needing aid, under the following conditions, established by the Board of Trustees:

- 1. The student must satisfy the Committee on Scholarships that he is in need of assistance. (Application Blanks may be obtained from the Treasurer's office.)
- 2. The student must be in constant attendance upon college work, unless prevented by reasons satisfactory to the Faculty.
- 3. The student must obey the College laws, and aid will be withdrawn for any and all semesters when he is under discipline.
- 4. The student must hold himself ready to render such light service to the College as may not interfere with his duties. To those who reside in the city and do not occupy a room in the college buildings, the scholarship aid is limited to twenty-five dollars for each year.

## **BEQUESTS**

Gifts to the College may take the form (1) of funds for the establishment of (a) scholarships or (b) professorships; (2) of additions to the material equipment; or (3) of contributions to the general endowment fund.

# Form of Bequest

I	give	and	beque	eath	to Tr	ie Pr	ESID	ENT	AND	$T_R$	USTEES	OF	COLBY
Coli	LEGE,	a C	orpor	ation	estal	olished	by	law	in	the	State	of	Maine,
the	sum	of \$				to be	inv	ested	and	l pr	eserved	linv	violably
for t	the ei	ndow	ment	of C	OLBY	Colle	GE,	situa	ted	at V	Vaterv	ille,	Maine.

Signature

"To place your name, by gift or bequest, in the keeping of an active university is to be sure that the name and the project with which it is associated will continue down the centuries to quicken the minds and hearts of youth, and thus make a permanent contribution to the welfare of humanity."

(Calvin Coolidge.)

# **PRIZES**

The college annually awards thirteen prizes to undergraduates in recognition of excellence in their work.

### 1. ALBION WOODBURY SMALL PRIZES.

A prize amounting to one hundred dollars, derived from a fund given by Lina Small Harris of Chicago, in memory of her father, Albion Woodbury Small, of the class of 1876, former President of Colby and late Professor of Sociology in the University of Chicago, is available for students pursuing work in the field of economics and sociology.

This prize will be given to the student in the Men's or Women's Division who presents the best essay on some subject to be announced by the Department of Economics. In case two articles are presented of equal merit, the prize may be equally divided.

In 1928 the prize was not awarded.

## 2. COBURN PRIZES.

Special prizes aggregating one hundred dollars, the gift of Louise Helen Coburn, of the class of 1877, are awarded to the best speakers in a public contest open to all members of the Women's Division.

In 1928 first prize (\$50) was awarded to Ruth Agnes Park, '30; second prize (\$25), to Irma Gertrude Sawyer, '28; third prize (\$15), to Grace Allison Stone, '29; fourth prize (\$10), to Harriet W. Kimball, '29.

## 3. COMMENCEMENT PRIZES.

A prize of fifteen dollars is awarded on Commencement Day to the Commencement Speaker in the Men's Division, and a similar prize to the Commencement Speaker in the Women's Division, for excellence iri English Composition. In 1928 these prizes were awarded to Lawrence A. Peakes and Ella L. Vinal.

#### 4. CONDON MEDAL.

The gift of Randall J. Condon, of the class of 1886, awarded to the member of the senior class who by vote of his classmates and with the approval of the faculty is deemed to have been the best college citizen. In 1928 it was not awarded.

#### 5. FOSTER MEMORIAL GREEK PRIZES.

A prize of twenty dollars, in memory of the late Professor John B. Foster, is awarded to a student in the Men's Division for marked excellence in interpreting Greek authors. A similar prize is offered in the Women's Division. These prizes are awarded at the end of the college course upon a basis of not less than four semester-courses. In 1928 they were not awarded.

#### 6 Freshman Scholarship Prizes.

A first prize of fifty dollars and a second prize of twenty-five dollars are awarded to those two members of the Freshman Class, Men's Division, and similar prizes to members of the Freshman Class, Women's Division, who have maintained the highest average in their courses during the Freshman year. In 1928 first prize was awarded to Ralph M. Snyder, first and second prizes were divided between Geraldine F. Foster and Beatrice M. Miskelly, and second prize was awarded to Edward S. Cobb.

#### 7. GERMAN PRIZES.

A first prize of ten dollars and a second prize of five dollars are awarded to members of the Men's Division for excellence in German courses. Similar prizes are awarded in the Women's Division.

In 1928 first prizes were awarded to Norman D. Palmer, '30, and Margaret P. Hale, '30; and second prizes were awarded to Philip S. Bither, '30 and Rena J. Mills, '30.

#### 8. GOODWIN PUBLIC SPEAKING PRIZES.

Special prizes aggregating one hundred dollars, given by Matie E. Goodwin of Skowhegan in memory of her husband, Hon. Forrest Goodwin, class of 1887, are awarded to students in the Men's Division for excellence in the delivery of original addresses.

In 1928, first prize (\$50), and second prize (\$25), were divided

PRIZES 109

between Mark R, Shibles, '29, and James H. Woods, '29; third prize (\$15), and fourth prize (\$10), were divided between Cecil E. Foote, '28, and Chester E. Merrow, '29.

#### 9. HALLOWELL PUBLIC SPEAKING PRIZES.

Special prizes aggregating one hundred dollars, the gift of Florentius Merrill Hallowell, of the class of 1877, are awarded to the four best speakers among the students electing Public Speaking 6.

In 1928, first prize (\$50) was awarded to Nathaniel L. Silowitz, '29; second prize (\$25), to Clarence H. Arber, '30; third prize (\$15), to Marn H. Garabedian, '30; fourth prize (\$10), to Millan L. Egert, '30.

#### 10. HAMLIN PRIZES.

A first prize of ten dollars and a second prize of five dollars are awarded to the best two speakers in the Freshman Hamlin Prize Speaking Contest, Men's Division, for excellence in public reading. Similar prizes are awarded in the Women's Division.

In 1928, first prizes were awarded to Frederick D. Poulin and Gertrude Snowden, and second prizes to Philip S. Snow and Margery Dearborn.

#### 11. MARY L. CARVER PRIZE FOR POETRY.

A prize of fifty dollars is offered to the student in the Women's Division for an original poem of merit in the English language. No limitation is placed upon the form or nature of the poems submitted.

In 1928 the prize was awarded to Annie Hooper Goodwin, '29, for her poem "Morning."

#### 12. MURRAY DEBATING PRIZES.

The sum of one hundred dollars, the gift of George Edwin Murray, of the class of 1879, of Lawrence, Massachusetts, is awarded to the six public debaters chosen from among the students electing Public Speaking 5. Seventy-five dollars is given to the winning team, to be divided equally among the three speakers; \$25 is given to the losing team, to be equally divided among the three speakers.

In 1927-28 the winning team was composed of John D. Swartz, '29, Clifford J. McGaughy, '29, and Norman D. Palmer, '30, representing the affirmative; the losing team, Gilbert Muir, '28, Robert C. Chandler, '28, and Albert C. Palmer, '30, representing the negative.

#### 13. SOPHOMORE DECLAMATION PRIZES.

A first prize of ten dollars and a second prize of five dollars are awarded to the best two speakers in the Sophomore Declamation, Men's Division, for excellence in declamation. Similar prizes are awarded in the Women's Division. In 1928 they were not awarded.

LYFORD PUBLIC SPEAKING PRIZES.

In addition to these prizes offered to students in the college, special prizes aggregating one hundred dollars, the gift of Will Hartwell Lyford, of the class of 1879, of Chicago, Illinois, are awarded to young men attending preparatory schools in Maine, New Hampshire, and Massachusetts for general excellence in declamation in a public contest held at Colby College.

In 1928, first prize (\$50) was awarded to Harold Lamoine, Maine Central Institute; second prize (\$25) to Charles J. Olson, Worcester (Mass.) Classical High School; third prize, (\$15) to Robert Goldberg, Bangor High School; and fourth prize (\$10) to George E. Lodgen, Malden (Mass.) High School.

# ARTHUR JEREMIAH ROBERTS LECTURE FOUNDATION

On June 21, 1906, the late Hon. William Wallace Stetson gave the College a trust fund, to be known as the Arthur Jeremiah Roberts Lecture Foundation, the income of which amounting to two hundred dollars a year, is to be expended by the Trustees named in the trust agreement for the maintenance of a lecture course in the College. The speakers are to be chosen by the Trustees of the Foundation, and, in the language of the agreement, must be persons "who have done something worthy of mention, who have a message, and who can deliver it in such a manner as will be helpful to college students".

Among recent lecturers at the college are Hugh Walpole, English novelist and critic; George Herbert Palmer, educator and philosopher; Cecil Roberts, English poet and novelist; Rollo Walter Brown, essayist and critic of American life; and others.

# **ORGANIZATIONS**

#### The Young Men's Christian Association

The Association is organized on the same plan as those In most other colleges in the country and is affiliated with the Student Department of the International Young Men's Christian Association. Any Christian student may become an active member of the organization. The Y. M. C. A., while primarily a religious organization, aims to broaden out into all the activities of the college. It exists for the general building up of a wholesome life on the campus in every particular. The expenses of the organization are met by contributions by the members and friends.

Meetings are held every Tuesday night from 7 to 7.30. Usually there is some outside speaker who has a convincing message for college men; and at other times discussions are conducted among the students upon some campus problem or vital question.

Interest in Missions is stimulated by Mission study and by occasional addresses by missionaries and secretaries, affording opportunities for conference to those who are considering Missions as their life-work. The Student Volunteer Group is composed of those who have really decided to be come missionaries. There is also the Student Fellowship for Christian Life Service composed of all students who are to enter upon any phase of Christian service. Strong monthly meetings of the latter are held throughout the college year.

Voluntary Bible classes are conducted for Freshmen and upper classmen upon vital college, industrial, and social problems.

The Association aims to cooperate with the churches of Waterville and vicinity in a program of community service.

One of the important duties of the Y. M. C. A. is sending deputation teams of three or four men to the preparatory schools and various churches throughout the state where religious services and conferences are conducted. The work is much appreciated and has accomplished much good.

The Association has charge of the publication of the Colby Handbook, a useful little book, full of information about the College, given to all students of both Divisions.

### The Young Women's Christian Association

Almost all the students of the Women's Division are members of the Association, which like most of the college associations is affiliated with the National Board. Members of evangelical churches are eligible to active, others to associate membership.

The Association maintains regular meetings for prayer and conference, provides classes for Bible study and for Mission study, which are well attended and which help to maintain the religious life of the college.

Money to meet the expenses of the association is provided by voluntary pledges.

#### Athletic Association

The Athletic Association has general direction of all the athletic activities of the College.

### **Debating Society**

Composed of members of the undergraduate body, both Divisions. All intercollegiate debating contests are under its general supervision. Holds regular meetings during the year at which debates among its members are the chief feature.

#### **Dramatic Club**

Composed of members of the Women's Division who have taken part in at least one college dramatic production.

# Health League

The character and purpose of the League are described on page 92 of the catalogue.

# Hellenic Organizations

There are thirteen recognized Greek-letter fraternities and sororities in the two Divisions of the college. In the Men's Division there are chapters of the following fraternities: Delta Kappa Epsilon, Zeta Psi, Delta Upsilon, Phi Delta Theta, Alpha Tau Omega, Lambda Chi Alpha, and Kappa Delta Rho. In the Women's Division the following sororities have chapters: Sigma Kappa, Chi Omega, Delta Delta Delta, Alpha Delta Pi, Phi Mu, and Beta Chi Theta.

## Kappa Phi Kappa

Kappa Phi Kappa is a national society with a chapter at Colby, devoted to the interests of those who intend to enter the teaching profession.

#### Musical Clubs

There are Glee Clubs, Orchestra and Mandolin Clubs in both Divisions. Annual public concerts are given.

# The Phi Beta Kappa Society

A charter for the Beta Chapter of Maine was granted to Colby College in 1895. The object of the Phi Beta Kappa Society is the promotion of scholarship and friendship among students and graduates of American colleges. Election to membership is made on the basis of the scholastic record throughout the four years in college. Election usually takes place within one month after the close of the first semester of the senior year, at which time a public service of recognition is held.

Those elected from the class of 1928 were: Dorothy V. Sylvester, Ruth E. Williams, Harriet E. Towle, Ella L. Vinal, Janet Chase, Irma G. Sawyer, Evelyn F. Ventres, Claire J. Richardson; Arthur B. Levine, G. Stanley Corey, Lawrence A. Peakes, Harold E. Clark.

#### Pi Gamma Mu

The Colby Chapter of Pi Gamma Mu was chartered as Alpha of Maine in 1926. This National Social Science Honor Society was organized to encourage high standards of scholarship in the social sciences. The term "social science" is taken to include sociology, economics, political science, and history. Election to membership is made on the scholastic record of students who have completed four years of study in the social sciences. Members are received at the annual meeting held in April.

# Pi Kappa Delta

Pi Kappa Delta is a national honorary forensic society, membership in which is limited to students who have taken part in at least one intercollegiate debate.

## Press Club

Composed of students who are corresponding for newspapers and journals.

# Student Council

A general student advisory body for the Men's Division of the College.

# Student League

The purpose of the League is to enact and enforce laws for the Women's Division under a Grant of Powers voted by the Faculty.

# GRADUATE ORGANIZATIONS

THE GENERAL ALUMNI ASSOCIATION

President: Warren C. Philbrook, '82, Waterville, Secretary: Ernest C. Marriner, '13, Waterville,

THE GENERAL ALUMNAE ASSOCIATION

President: Rose Adelle Gilpatrick, '92, Hallowell, Maine, Secretary: Harriet Eaton Rogers, ex-19, Waterville.

AROOSTOOK COLBY CLUB

AROOSTOOK COLBY ALUMNAE ASSOCIATION

ATLANTIC STATES COLBY ALUMNI ASSOCIATION

BANGOR COLBY ALUMNAE ASSOCIATION

BOSTON COLBY ALUMNAE ASSOCIATION

BOSTON COLBY ALUMNI ASSOCIATION

CHICAGO COLBY CLUB

CONNECTICUT VALLEY COLBY ALUMNAE ASSOCIATION

CONNECTICUT VALLEY COLBY CLUB

NEW YORK COLBY ALUMNI ASSOCIATION

SOUTH KENNEBEC COLBY ALUMNAE ASSOCIATION

WATERVILLE COLBY ALUMNAE ASSOCIATION

WESTERN MAINE COLBY ALLWAY ASSOCIATION

# COLLEGE PUBLICATIONS

THE COLBY COLLEGE BULLETIN: a quarterly issued by the college, containing reports, records, and the annual college catalogue.

THE COLBY ALUMNUS: a quarterly issued for the alumni and alumnae of the college, edited by Prof. Herbert C. Libby.

THE COLBY ECHO: a weekly news publication issued by the undergraduates of the Men's Division.

THE COLBIANA: a literary magazine issued three times a year by the undergraduates of the Women's Division.

THE COLBY ORACLE: the student year-book.

# COLBY FITTING SCHOOLS

The College has four affiliated Academies in Maine which are under the general direction of its Board of Trustees. The courses of study in these Academies have the approval of the Faculty of the College and frequent visits to these schools are made by committees of examination from the Faculty of the College.

- COBURN CLASSICAL INSTITUTE, Waterville, Kennebec County. Drew Thompson Harthorn, L.H.D., Principal.
- HEBRON ACADEMY, Hebron, Oxford County. Ralph Leslie Hunt, A.B., Principal.
- HIGGINS CLASSICAL INSTITUTE, Charleston, Penobscot County. William A. Tracy, A.B., Principal.
- RICKER CLASSICAL INSTITUTE, Houlton, Aroostook County. Roy Mitchell Hayes, B.A., Principal.

# PROGRAM OF THE ONE HUNDRED AND SEVENTH ANNUAL COMMENCEMENT OF THE COLLEGEQ

Monday, June 18, 1928

#### ORDER OF EXERCISES

#### Processional Invocation

"The Jewish Patriot"	Arthur Benjamin Levine
"The Student Youth of China"	Ella Lydia Vinal
"The College Press"	Lawrence Asa Peakes
Music	
Commencement Address, "America in	High", Hon. George Otis
Smith, Ph.D., 1893, Director of the	ne United State Geological

Survey and President of the American Institute of Mining and

Metallurgical Engineers.

Conferring of Degrees

Awarding of Prizes

# Degrees Conferred in 1928

# MASTER OF ARTS

Benediction

John Edward Candelet, 2nd	Providence, R. I.
Hannah Naomi Maher	Augusta
Horace True Trefethen	

### BACHELOR OF ARTS

#### The Men's Division

Edward James Ariel	South Berwick
Kenneth Havenor Cassens	Rocklend
Harold Edwin Clark	Norwich, Conn.
Donald Pierce Cobb	Gardiner
Cyrus Stanley Corey	Bridgewater
Gardner Dixon Cottle	Fall River, Mass.
Everett Richard Drummond	
Aubrey Erwin Flanders	Sangerville
Conrad Hartman Hines	Berkshire, Mass.
Garth Colet Koch	Springvale
William Robert Lombard	. West Springfield, Mass.

Donald Hobbs MillettSpringfield, Vt.Charles Pembroke NelsonAugustaLawrence Asa PeakesPoultney, Vt.Cecil Howard RoseWatervilleWilliam Stanley TannerAugustaGeorge Chester WestWatervilleClair Ellsworth WoodHowland
The Women's Division
Cornelia Adair Brownville Junction Marguerite Elise Ames Charleston Marie Laure d'Argy Waterville Frances June Bragdon Ashland Gladys Mae Bunker Charleston Janet Chase Augusta Adelaide Coombs Bath Dorothy Daggett Waterville Violet Daviau Waterville Margaret Annette Davis Fairfield Marion Estelle Daye Bangor Nellie Mae Dearborn Portland Ava Frances Dodge Waterville Evelyn Gertrude Foster Waterville Katherine Beatrice Greaney Portland Mona Elizabeth Herron Skowhegan Helen Claire Hight Waterville Muriel Estes Lewis Groton, Mass. Elizabeth Lewis Waterville Muriel Estes Lewis Henneker, N. H. Ruth Melvina McEvoy Waterville Esther Mary Parker Oakland Margery Mooers Pierce Oxford
Estelle Margaret PottleFreeport Emily Randall Waterville Claire Jane Richardson New Sweden Betsy Evelyn Ringdahl Waterville Henrietta Rosenthal

Margaret Easton Salmond	
Irma Gertrude Sawyer	Canton
Susie Wilhelmina Stevens	Milbridge
Dorothy Vaughn Sylvester	Deer Isle
Mary Thayer	
Ruth Nevers Thompson	
Ruth Mildred Tilton	
Emma Frances Tozier	Fairfield
Edna Elizabeth Turkington	
Evelyn Floyd Ventres	Rockport, Mass.
Helen Alicia Wyman	• '
As of the Class of 1927	
Frances Tweedie Giroux	

# BACHELOR OF SCIENCE

# The Men's Division

Augustine Anthony D'Amico	
Roland Butterfield Andrews	
Ralph Herbert Ayer	
Charles Ira Bagnall	
Nelson Ward Bailey	
Meade Joshua Baldwin	
George Paul Bernhardt	
Claude Joseph Bouchard	Skowhegan
Charles Edward Callaghan	South Brewer
Harold Eugene Carson	Hodgdon
Thomas Joseph Caulfield	Dalton, Mass.
Everett Olmstead Champlin	
Robert Cummings Chandler	Columbia Falls
Arthur Donald Clark	Caratunk
George Leverett Edgett	
John Nelson Erickson	Newburyport, Mass.
Edmund Frank Fiedler	Adams, Mass.
Cecil Eugene Foote	Holyoke, Mass.
Louis Pierre Fourcade	
Wendell Russell Grant	
Douglas Clifton Grearson	
Ashton Sanford Hamilton	
Elwood Jean Hammond	
Charles Mitchell Hannifen	
Theodore Everett Hardy, Jr	
., ., .	

Edwin Wallace Harlow	
Durward Sawyer Heal	
Augustus Mayhew Hodgkins	
LeRoy Millard Johnston	
George Vinton Jones	
Walter Ferdinand Knofskie	
Weldon Ralph Knox	
Arthur Benjamin Levine	
Joseph Lewis Lovett	
Nathan Randall Lufkin	North Adams, Mass.
Leo Wilfred MacDonald	South Brewer
William Forrest MacLean	Norwood, Mass.
Clyde Lyford Mann	Livermore Falls
Rene Joseph Marcou	
James Thomas McCroary	Adams, Mass.
Earl Howard McKay	West Hartford, Conn.
Robert Hunter McLeary	
Vance Leonard McNaughton	
Gilbert Muir	
Edward Martin Nee	Norwood, Mass.
Lester Raymond Nesbitt	Revere, Mass.
Jack Joseph Ricci	
Roland Majoric Robichaud	
Charles Joseph Sansone	Norwood, Mass.
Daniel Joseph Shanahan	
Sidney Pillsbury Snow	Rockland
August Frank Stiegler, Jr	Great Neck, N. Y.
Joseph Frederick Theriault	Haverhill, Mass.
Albert John Thiel	
Charles Edwin Towne	
John Alfred Trainor	
James Keltie Tufts, Jr	Westboro, Mass.
Gordon Granger Welch	Peacham, Vt.
Ross Horton Whittier	
Lewis Van Nordon Wilson	New Rochelle, N. Y.
The Women's Division	n
Rose Black	
Hilda Frances Desmond	
Mildred Lucille Fox	Skowhegan
Lela Haskell Glidden	
Helen Elizabeth Merrick	
- Engapeth Mellick	

Grace Morrison	Waterville
Viola May Philbrook	Kittery Point
Olive Elizabeth Richardson	Waterville
Myra Spencer StoneLa	wrence, Mass.
Harriet Estelle Towle	Winthrop
Ruth Mae Viles	Skowhegan
Ella Lydia VinalNorth S	Scituate, Mass.
Arleen Harriett WarburtonLa	wrence, Mass.
Ruth Elizabeth Williams	Waterville

#### HONORARY DEGREES

DOCTOR OF MORE HUMANE LETTERS:

Richard A. Metcali, Richmond, Va.

DOCTOR OF LETTERS:

Merle Crowell, New York City.

Florence E. Dunn, Waterville.

DOCTOR OF SCIENCE:

Edward B. Matthews, Baltimore, Md.

DOCTOR OF DIVINITY:

Hugh A. Heath, Boston, Mass.

Charles N. Arbuckle, Newton Centre, Mass.

# Conors in General Scholarship

#### THE MEN'S DIVISION

## Magna Cum Laude

Arthur Benjamin Levine

#### Cum Laude

Cyrus Stanley Corey

Lawrence Asa Peakes

Harold Edwin Clark

#### THE WOMEN'S DIVISION

### Magna Cum Laude

Dorothy Vaughn Sylvester

#### Cum Laude

Ruth Elizabeth Williams Harriet Estelle Towle

Janet Chase

Harriet Estelle Towle Ella Lydia Vinal Irma Gertrude Sawyer Evelyn Floyd Ventres

Claire Jane Richardson

# STUDENTS

# **GRADUATE STUDENTS**

Harold Edwin Clark, B.A.  Latin	Norwich, Conn.	229 Main St.
Katherine Beatrice Greaney, B.A. English	Waterville	33 Redington St.
Joseph Frederick Theriault, B.S. Education	Haverhill, Mass.	Hedman Hall
Mary Elizabeth Warren, B.A.	Waterville	233½ Main St.
Ruth Cummings Wort, B.A.  English	Waterville	9 Boutelle Ave.

# UNDERGRADUATES

# Men's Division

# SENIORS-Class of 1929

Charles Favour Abbott	Franklin, Mass.	131 College Ave
Joseph Drisko Allen	Columbia Falls	Λ. X. A. House
Osborne Coster Bacon	Welchpool, N. B.	Δ. Υ. House
Edward Barron	Waterville	5 Center St.
Eric Richard Benson	Bethel, Conn.	K. $\Delta$ . P. House
Carl Frederick Bergstrom	Lynn, Mass	L. C. House
Neal Dow Bousfield	Waterville	77 Elm St.
Webster Johnson Brown	Lynn, Mass.	Λ. X. A. House
Sten John Carlson	Norwood, Mass.	A. T. Ω. House
William Sheldon Chapin	Sheffield, Mass.	A. T. $\Omega$ . House
Oscar Moody Chute	Beverly, Mass.	K. $\Delta$ . P. House
Carl Taggett Clough	Houlton	Δ. Υ. House
Murray Alexander Coker	Fairfield	Fairfield
Carroll Joseph Cooke	Meriden, Conn.	Δ. K. E. House
Charles Albert Cowing .	W'. Springfield, Mass	z. $\mathbf{Z}$ . $\mathbf{\Psi}$ . House
Henry Edwin Curtis	Guilford	Roberts Hail
Reed Winter Davis	Lincoln	Δ. Υ. House
Franklyn Bedell Dexter	Mattapoisett, Mass.	Δ. K. E. House
George Edmund Fletcher	Strong	Hedman Hall
Frank Charles Foley	Norwood, Mass.	A. T. $\Omega$ . House

Harvey George Fotter	Waterville	Δ. Υ. House
Donald Hulford Fraser	Lawrence, Mass.	Ф Д. Ө. House
Jack Glick	New York City	Appleton Inn
Garfield Cecil Goddard	Portland	A. T. Ω. House
Vinal Garfield Good	Pittsfield	Δ. K. E. House
Hans George Hansen	Manhasset, N. Y.	Φ. Δ. Θ. House
Richard Prince Hodsdon	South Thomaston	Hedman Hall
Everett Herbert Holmes	Waterville	Roberts Hall
Gilman Stanley Hooper	Danvers, Mass.	K. A. P. House
Frederick Abdallah Howard	Norwood, Mass.	Hedman Hall
Rupert Malcolm Irvine	Caribou	K. A. P. House
Charles Williams Jordan	Auburn	Δ. K. E. House
David Franklin Kronquist	Rumford, R. I.	K. A. P. House
Robert George LaVigne	Worcester, Mass.	195 Main St.
Lowell Pond Leland	Sanaerville	13 Maple St.
Albion Keith Littlefield	No. Berwick	L. C. House
Lemuel Kingsbury Lord	Pittsfield	K. A. P. House
Gordon Parker Marr	Somerville	K. J. P. House
Floyd Mellen Mason	Bethel	Hedman Hall
Horace Pierce Maxcy	Rockland	Λ. X. A. House
Clifford Joseph McGaughy	Il ashburn	14 College Ave.
Earle Alton McKeen	Millinocket	L. C. House
Chester Earl Merrow	Mountain View, N.	Н.
		14 College Ave.
Edwin Donald Merry	$No.\ Edge comb$	14 College Ave.
Herbert Dickinson Messenger	Boston, Mass.	A. X. A. House
Ernest Edward Miller	Bethel, Conn.	K. A. P. House
Philip LeRoy Miller	Caribou	Δ. K. E. House
John Walter Miner	Calais	Z. Ψ. House
Samuel Gyles Parsons Mulliken	Newburyport, Mass.	
John Thomas Nasse	Woonsocket, R. I.	K. J. P. House
Edward Randolph Newhall	Lynn, Mass.	A. X. A. House
Edward Peter Niziolek	Ware, Mass.	2 School St.
Warren Ridgway Payson	Waterville	10 Sheldon Pl.
Robert Arnold Peterson	New Sweden	L. C. House
Rodolphe Joseph Firmin Pomerlean		13 Spring St.
Norris Willard Potter	Islington, Mass.	Hedm <b>an Hall</b>
Richard Joseph Race	Guilford	K. A. P. House
John Russell Richardson		37 Western Ave.
Elmer Rivkin	Brooklyn, N. $Y$ .	6 Leighton St.
John Everett Rogers	Fairfield	Fairfield
Donald Henry Rollins	Winthrop	A. X. A. House

Sterling Cleveland Ryder
Robert Walter Scott
Mayo Augustus Seekins
George Clarance Severy
Mark Richard Shibles
Wardwell S. Shibley
Nathaniel Lawrence Silowitz
Roy Emerson Smith
Arthur Henry Snyder
Alden Cecil Sprague
Willie Glen Springer
Fred James Sterns
Allan Julian Stinchfield
John Dexter Swartz
Harry Estes Tattersall
Martin John Tierney
Gordon Mariner Trim
Frank Joseph Twadelle
Bertil Augustus Uppvall
John Edward Walker
James Henry Woods
William Rodney Wyman
,

Portland	L. C. House
Wilton	A. T. Ω. House
Auburn	Δ. K. E. House
Gray	L. C. House
Belfast	Roberts Hall
Fair field	Fairfield
Brooklyn, N. Y.	Appleton Inn
Waterville	18 West St.
Portland	Λ. X. A. House
Waterville	Δ. Υ. House
West Franklin,	14 College Ave.
Hartland	8 Common St.
Skowliegan	7 Park St.
Brooklyn, N. Y.	The Raymond
New Bedford, Mass.	K. Δ. P. House
Hudson, Mass.	A. T. Ω. House
Cutler	A. T. Ω. House
Skowhegan	Z. Ψ. House
Westwood, Mass.	K. Δ. P. House
Winthrop, Mass.	Z. Ψ. House
Brooklyn, N. Y.	A. T. Ω. House
Fairfield	Λ. X. A. House

# JUNIORS—Class of 1930

Franklin Prescott Adams
Miles Lancaster Allen
Donald Edward Allison
George Alphonso Allison
George Arthur Andrews, Jr.
Clarence Herbert Arber
Harry Osgood Ashmore
Kenneth Gordon Austin
George Hovey Barnaby
Forrest Milton Batson
Philip Stewart Bither
Stephen Curtis Blakeslee
Robert Parkin Brown
Hazen Albert Calhoun, Jr.
John Albert Chadwick
Lindon Edwin Christie
Franklin Miner Cobleigh

Belfast	K. A. P. House
Waterville	155 Silver St.
West Medway, Mass	Δ. K. E. House
West Medway Mass	Δ. K. E. House
Tucson, Aris.	$\Delta$ . $\Upsilon$ . House
Dorchester, Mass.	Z. V. House
Ellsworth	Δ. Υ. House
Waterville	34 Burleigh St.
North Anson	A. T. Ω. House
Campobello, N. B.	Λ. X. A. House
Linneus	Roberts Hall
Troy. N. Y.	K. A. P. House
Fairfield	A. T. Ω. House
Putnam, Conn.	L. C. House
Norwich, Conn.	52 Pleasant St.
Milo	Λ. X. A. House
Newton Highlands,	
	Hedman Hall

Lawrence Dean Cole	Waterville	6 Beacon St.
Chester Francis Condon	Shrewsbury, Mass.	L. C. House
Aaron Cook	Waterville	23 High St.
William Thornton Cowing	W. Springfield, Mas.	s. Z. Ψ. House
Linwood Taft Crandall	Oak field	Hedman Hall
Paul Lester Davis	Belfast	A. T. Ω. House
Roland Sylvester Delaware	.1umsta	55 Summer St
William Bertrand Downey	Wellesley, Mass.	77 Elm St.
Clarence Aubrey Dyer	East Summer	55 Pleasant St.
Millan Ludmil Egert	York Village	L. C. House
Dexter Everett Elsemore	Grand Lake Stream	Δ. Υ. House
Philip Lloyd Ely	Florence, Mass.	Hedman Hall
Mark Hood Garabedian	Cambridge, Mass.	Hedman Hall
Charles Metcalf Giles	Damariscotta	Φ. Δ. Θ. House
Attilio Frank Giuffra	Breeklyn, N. Y.	Φ. Δ. Θ. House
Ralph Leonard Goddard	Portland	A. T. Ω. House
George Francis Grady	New Haven, Conn.	Φ. Δ. Θ. House
Harold Lloyd Grant	Waterville	3 Taconnet St.
Bertram LeForest Harding	No. Abington, Mass.	A.T.Ω. House
Robert Lowe Harlow	Dover-Foxeroft	Roberts Hall
Hugh Gordon Hatfield	Saxton's River, I't.	A. X. A. House
Otto Arviid Havu	Oxford	26 Elm St.
Horace Lincoln Heath	Waterville	34 Pleasant St.
George Gilbert Henry, Jr.	Ashfield, Mass.	A. X. A. House
Karl Riester Hines, Jr.	Berkshire, Mass.	A. X. A. House
Ralph Benjamin Hurlburt	Danvers, Mass.	K. J. P. House
Lewis Wilfred Jackins	Houlton	A. T. Ω. House
Gerald Asher Johnson	Waterville	5 Graylock St.
Gordon Neil Johnson	Houlton	A. T. Ω. House
Michael Joseph Karter	Waterville	2 Leighton St.
Harland Llewellyn Keay	Winter Harbor	<ol><li>Υ. House</li></ol>
Lewis Hermann Kleinholz	Brooklyn, N. Y.	1 Leighton St.
Andrew Charles Klusick	Rockaway, N. J.	Roberts Hall
Clarence Edwin Lamb	Ranacley	67 Silver St.
John Henry Lee	Portland	A. T. Ω. House
Robert Browne Lunt	Old Town	Φ. Δ. Θ. House
Lorimer Faunce MacDougall	Fall River, Mass.	A. X. A. House
Charles Fred Martin	So. Portland	L. C. House
James Richard McConnell	Newport, R. I.	35 Morrill Ave.
Edgar Burnham McKay	Waterville	Δ. Υ. House
Carroll Cullen McLeary	Waterville 34 l	Drummond Ave.

Wallace Whitney Meyer Murray William Meyers William LeRoy Miner Samuel Steven Morrison Chandler Benjamin Mosher Theodore Nelson John Irizarry Pagan Albert Carlton Palmer Norman Dunbar Palmer Ralph Anthony Pape Harold Dana Phippen Ovid Felix Pomerleau Deane Reginald Quinton Thomas Alexander Record Kenneth Earl Robinson William Patrick Rogers Cleophas Joseph Roy Bernard Clifton Shaw Walter Stanley Slosek Arthur LeBaron Stebbins, Ir. Lucius Hazen Stebbins William Horace Stineford Ernest Joseph Theberge Wendell Hollis Thornton Joseph Trefethen Wendell Alexander Tufts George Linwood Walsh Charles William Weaver, Jr. Malcolm Small Weed Stanton Shaw Weed John Henry Wisnoski

Brooklyn, N. Y. Brooklyn, N. Y. Springfield, Mass. New York City Howard, Mass. Newport. R. I. Brooklyn, N. Y. Hinckley Hinckley Brooklyn, N. Y. Islesford Winslow Waterville Livermore Falls Dover-Foxcroft E. Lynn, Mass. Waterville Waterville Ware, Mass. Colchester, Conn. Colchester, Conn. Brownville Jet. Lawrence, Mass. Rockland Waterville Westboro, Mass. Millinocket Kiltery Waterville Waterville Ware, Mass.

80 Flm St The Raymond 131 College Ave. Appleton Inn K. Δ. P. House K. A. P. House Roberts Hall Hinckley Hinckley Φ. Δ. Θ. House A. X. A. House 7 Clinton Ave. 58 Burleigh St. Hedman Hall Hedman Hall A. X. A. House 12 Sherwin St. 259 Main St. Elden Inn Λ. X. A. House Φ. Δ. Θ. House K. Δ. P. House Φ. Δ. Θ. House Y. House 4 West Court Δ. Υ. House L. C. House Φ. Δ. Θ. House 7 Bartlett St. 7 Bartlett St.

Elden Inn

#### SOPHOMORES-Class of 1931

Willard Ebenezer Alexander George Proctor Allen Philip Frederick Allen Robert Allen, Jr. Harmon Bogart Baldwin Allan Bernard Block Henry George Bonsall Henry Colin Bubar Saxton's River, Vt. K. A. P. House
Cherryfield L. C. House
Waterville 155 Silver St
New Bedford, Mass. K.A.P. House
Hewlett, L. I. A. X. A. House
Norway, Me. Appleton Inn
Waterville 76 Elm St.
Monticello Roberts Hall

Louis Napoleon Charron	Idams, .
Donald Melvin Christie	Milo
Theodore Adrian Cloutier	Augusta
Edson Hathaway Cooper	Methuen,
Alanson Robert Curtis	Harmony
Merton Leroy Curtis	Biddefore
Jerome George Daviau	Watervil.
John Stokes Davidson	Omaha, .
Henry Francis Deetjen	Portland
Wallace Alfred Donovan	Watervil
Carlton Earl Dorman	Belmont.
Richard Godfrey Dow	Winchest
Herbert Kinsley Draper, Jr.	Canton,
Dexter Marshall Eastment	Glen Co
Donald Albert Emack	Calais
Arthur Bernard Esty	Fayville.
Roderick Ewen Farnham	Browneil
Howard LeRoy Ferguson	Whitman
Arthur Arlington Flewelling	Monticell
Thayer Hall French	Westmin.
Ralph Edward Fullam	Mittineag
Alexander R. Gillmor	Houlton
Marvin Sydney Glazier	Revere,
Abraham Benjamin Glovsky	Portland
George Linwood Graffam	Unity
Hamilton Broughton Grant	Cherryfie
John Henry Gross	
Edward Francis Hayde	Brooklyn White Pl
Charles William Heddericg	Whitman
Charles Chester Hicks	Columbia
Thomas J. Hodkiewicz	So. River
Thomas Earl James	
Halsted Jenkins	Providen
Francis William Juggins	Littleton
Andrew James Karkos	Winthrof
Thomas James Kenney	Lunenbur
	Cambridg
Mark Stiles Kingsley	Hebron
Frederick Roy Knox	Concord,
Thomas Blake Langley	Cambridg
Barney Harry Lipman	Skowheg
Lucius Vanderburg Lobdell	Hartland

Mass. Thayer Hall A. X. A. House Z. Ψ. House . Mass. 8 West St. Hedman Hall L. C. House d Poo! 110 24 Summer St. Neb. 16 College Ave. A, T. Ω. House lle36 Oak St. Mass. A. X. A. House ter, Mass. K. A. P. House Mass. 5 West St. ec. N. F. A. T. Ω. House Roberts Hall Mass. A. X. A. House lle Jct. Hedman Hall n. Mass. Hedman Hall The Hanford L. C. House ster. Mass. inic. Mass. Z. Y. House 12 Center St. Mass. Elden Inn Appleton Inn A. T. Ω. House clil Roberts Hall n, N, Y5 Elm Court lains, N. Y. A. K. E. House n. Mass. Hedman Hall a Falls Roberts Hall r. N. J. Roberts Hall cc. R. I. K. A. P. House The Hanford p. Mass. K. J. P. House Hedman Hall rg. Mass. ge, Mass. A. X. A. House L. C. House N. H.K. A. P. House ac. Mass. A. T. Ω. House 5 Elm Court ian l, Vt.9 Silver Terrace

George Wilfred Lord	Pittsfield ·	K. Δ. P. House
Rupert LeRoy Loring	Center Ossipce, N.	H. 282 Main St.
Walter Benjamin Lovett	Hudson, Mass.	Δ. K. E. House
Edward Urban MacConnie	Seymour, Conn.	Λ. X. A. House
Roderick Fred MacDougal	Dower-Foxcroft	Z. Ψ. House
John Charles McCoy, Jr.	Paterson, N. J.	38 Morrill Ave.
Henry Oldham McCracken	Waterville	39 Morrill Ave.
Ivan Eugene McLaughlin	Lincoln	Λ. X. A. House
Earle Tilson McNaughton	Dover-Foxcroft	7 Hazelwood St.
Edwin Wallace Maddocks	Fairfield	Fairfield
Kenneth Hambleton Mansfield	Waterville	Δ. Υ. House
Edmund Brodie Marsland	New Britain, Conn.	Δ. Υ. House
William Caldwell Martin	Somerville, Mass.	Δ. K. E. House
Arthur Montgomery Meckenberg	Brooklyn, N. Y.	59 Pleasant St.
Albert Bigelow Nelson	New Braintree, Ma	ss L. C. House
John Frederick Pollard	Fairfield	Fairfield
Frederick Donald Poulin	Fairfield	Fairfield
Roland James Poulin	Waterville	6 Gray Ave.
Wayne Elwood Roberts	North Berwick	Δ. Υ. House
Ernest Whitman Rood	Albion	Δ. Υ. House
Merle Clark Ryder	Portland	L. C. House
John Howard Sawyer	W at $erville$	53 Burleigh St.
Vaughan Allison Shaw	Houlton	12 Center St.
Clayton Forsythe Smith	Flushing, L. I.	Roberts Hall
Philip Swift Snow	Portland	L. C. House
Ralph Milton Snyder	Portland	Λ. X. A. House
George Freemont Sprague	Dan for th	Roberts Hall
George Harold Sterns	Hartland	8 Common St.
Robert Wilson Stewart	Hudson, Mass.	K. $\Delta$ . P. House
Paul Tibbetts	Briston, Conn.	Λ. X. A House
Virgil Connor Totman, Jr.	Oakland	A. T. $\Omega$ . House
Hugh Kearns Tufts	Westboro, Mass.	$\Delta$ . $\Upsilon$ . House
Nathan Tupper	Lisbon Falls	$\Delta$ . $\Upsilon$ . House
Allen Turner	Methuen, Mass.	Z. Ψ. House
Paul Herbert Urann	Woodfords	L. C. House
Lincoln Dean Webber	Fairfield	Fairfield
Douglas Hewlitt Wheeler	Millinocket	K. $\Delta$ . P. House
Howard Higgins Whitten	Clinton	Z. Ψ. House
Richard Delano Williamson	Portland	A. T. Ω. House
Morgan Wilson	New York, N. Y.	
John Hoyt Wing	Medford, Mass.	35 Morrill Ave.
Joseph Edward Yuknis	Bridgewater, Mass	. A. T. $\Omega$ . House

#### FRESHMEN-Class of 1932

Albert Edward Acierno
Douglas Baxter Allan
Melvin Edmund Anderson
Ralph Ellis Anderson
Irvin Elbridge Arnold
Henry Rogers Backes
George Edward Bagnall
Robert T. Beals
Warren Fredrick Bice
James Blok
Clifton Rolfe Brown
Alton Roosevelt Burnett
Roland Alfred Burns
William Henry Caddoo
Aaron William Christensen

Stanley Luther Clement Louis Foster Conant, Jr. Charles Gleason Corse William Nelson Crabtree Theodore Randolph Croslin Richard Cummings

John Birtwell Curtis William Stephen Curtis, Ir. Fulton Ernest Daniels John Arthur Davis Anthony John DeMiceli Harvey Bolles Evans Maxwell Harold Feinman William Charles Foster Lester Allen Freedman Frank Elden Fuller Gordon Keith Fuller Harold Albert Garr Paul Robert Richard Given Thompson D. Grant Everard Barron Grindall Nissie Grossman Robert William Hall Willis Edward Hamlin

Brooklyn, N. Y. Φ. Δ. Θ. House Wellesley, Mass. Roberts Hall New Sweden Roberts Hall Y'armouth Hedman Hall Waterville 7 Spruce St. Wallingford, Conn. Roberts Hall ۵. T. House Houlton 118 Western Ave. Waterville Seymour, Conn. Roberts Hall H'aterville Thaver Hall Hedman Hall Skowhegan Philadelphia, Pa. Appleton Inn Lawry A. X. A. House A. X. A. House Newbury, Mass. National Soldiers Home Roberts Hall Wilo Hedman Hall Cambridge, Mass. Hedman Hall Clinton, Mass. K. A. P. House Dover-Foxcroft Z. Ψ. House Baltimore, Md. Appleton Inn Newton Centre, Mass. Danforth Waterbury, Conn.

Hedman Hall Roberts Hall K. A. P. House Willinocket Υ. House Fair field Fairfield New York, N. Y. Roberts Hall Wakefield, Mass. Roberts Hall Lawrence, Mass. Appleton Inn Forest City ۵. ۲. House Lawrence, Mass. Appleton Inn Freedom 7 Park St. Waterville 44 Burleigh St. Hedman Hall Mattapan, Mass. Roberts Hall Richmond Roberts Hall Bangor 1 Choate St. Winslow Appleton Inn Ouincy, Mass. 18 Oak St. Waterville Lake View A. X. A. House William Maxwell Hardy Elliott Thorp Hatch Bertrand Williams Hayward John Alex Herd Arthur King Howard Talbert Benson Hughes

Stanley Charles Jekanoski Louis Kaplan Donald Foster Kellogg Maurice Krasow Harold Frank Lamoine Fred Joseph LaFleur Linwood Everett Lagerson Glen Bernier Lawrence John Joseph Leno Howard Libby, Ir. William Albert Lyons George Alden Macdonald Robert McNamara Herbert Marcus Samuel Harry Marder D. Harold Maxim George Wilson Moody Chesley William Moore Harold John Murchie Albert Chesley Murray Christo Thomas Nasse Atwood Crosby Nelson Oscar Stanley Nickerson Richard Wengler Noves Frank Elwyn O'Neil Norman Chester Perkins Andrew Arnold Pettis Harry Parkes Pinson Beveridge Leigh Raymond William Sowles Richards Reginald Raymond Ricker Cecil Fales Robinson Henry Weston Rollins Ralph Rockwell Sadd Kenneth Frederick Sawyer Dorchester, Mass. A. X. A. House
Pemaquid Harbor Φ. Δ. Θ. House
Bridgewater, Mass. A. T. Ω. House
Winslow 3 Bowden St.
Waterville 131 College Ave.
National Soldiers Home

Amherst, Mass. Arlington, Mass. Augusta Waterbury, Conn. Kennebunk Fall River Mass. Westbrook Belloze's Falls Vt. New York, N. Y. Ruruham Needham, Mass. Waterville Winthrop Dorchester, Mass. Roxbury, Mass. Winthrop Weston Waterville Hodydon Melrose Mass Woonsocket, R. I. Augusta Millinocket Millinocket Rockville, Conn. Kennebunk Portland. Bath Fort Kent Dorchester, Mass. Stratton Phillips Fair field Hartford, Conn.

East Millinocket

Z. Ψ. House Z. Ψ. House 24 Maple St. Hedman Hall Hedman Hall K. Δ. P. House Z Ψ. House K. A. P. House Φ A θ House Roberts Hall 25 Winter St. A. T. Ω. House 19 Morrill Ave. Z. Ψ. House 59 Pleasant St. Elden Inn Roberts Hall Roberts Hall 24 Prospect St. Burnham Roberts Hall Roberts Hall Z. Ψ. House A. T. Ω. House L. C. House Roberts Hall Hedman Hall A T Ω House 56 Burleigh St. K. Δ. P. House Hedman Hall Roberts Hall Roberts Hall Fairfield Δ. Υ. House Δ. Υ. House

Walter Thomas Sleeper Everett Russell Slocum Mitchell Snitko Gordon Alexander Speedie Lerov Borcher Starbuck William Henry Steinhoff Wilbur Gresham Taylor Philip Thibodeau Harold Eugene Townes Forrest Clark Tyson, Jr. David Lionel Vigue Bernard Wall John Edward Waite Ralph Hallowell Wakefield Maxwell Denham Ward Iohn Allan Webb Brittain Webster Otis Walter Wheeler Stanley Frederic Wheeler James Draper Wolcott

Waterville 45 Oak St Fairhaven, Mass. Roberts Hall New York, N. Y. Roberts Hall Winchester, Mass. 35 Morrill Ave. Westport, Conn. Roberts Hall Brooklyn, N. Y. Φ. Δ. θ. House Waterville R. F. D. 41 Brookline, Mass. Roberts Hall Gardiner K. A. P. House 131 College Ave Augusta Waterville 2 Howard St. Brookline, Mass. Roberts Hall Millinocket Υ. House Gardiner K. Δ. P. House Clinton Λ. X. A. House Brockton, Mass. Hedman Hall Lexington, Mass. Δ. Y. House Millinocket A. X. A. House Brooklyn, N. Y. Hedman Hall New Rochelle, N. Y. Roberts Hall

#### SPECIAL AND UNCLASSIFIED

Robert Franklin Allen Justin Edward Buzzell I. Francis Clarke Roger Billings Draper Vincent Percy Fisher Reginald E. Fiske Harry Melvin Huff Edward Charles Wm. Hutt Richard George Kendall Hubert James Merrick, Ir. Neal C. Merrill John Franklin Murray Edward John Olaski Lawrence Bartlett Robinson Wallace Cushing Terry Paul Willis, Ir.

Waterville Waterville Waterville Canton, Mass. Fort Fairfield Manchester, N. H. Farmington Brooks Gardiner Augusta Waterville Waterville Hudson, Mass. Lawrence, Mass. Waterville Chicago, Ill.

24 Pleasant St
9 Oak St.
62 Temple St.
5 West St.
Hedman Hall
Hedman Hall
Roberts Hall
Δ. Υ. House
Z. Ψ. House
31 Boutelle Ave.
57 Benton Ave.
Hedman Hall

8 Lublow Court

Δ. K. E House

# Women's Division

# SENIORS-Class of 1929

Jessie Geneva Alexander	Augusta	Dutton House
Martha Eloise Allen	W atertown, $M$ ass.	Foss Hall
Ruth Bartlett	W at $erville$	15 Park St.
Thalia Agnes Bates	Abbot	Foss Hall
Violette Doris Boulter	Kittery	Foss Hall
Annella Gray Bucknam	Hallowell	Foss Hall
Eleanor Gertrude Butler	Portland	Foss Hall
Dorothy Irene Carter	Fair field	Fairfield
Lucy Elizabeth Chapin	Greenfield, Mass.	27 College Ave.
Lillian Bernice Collins	South Berwick	Foss Hall
Anna Louise Cone	Hallowell	Foss Hall
Sylvia Doris Crane	E. Washington, N. I	H. Foss Hall
Ruth Daggett	Waterville	Foss Hall
Leola Mildred Davis	Newport	M. L. H.
Dorothy Elizabeth Deeth	Winchendon, Mass.	11 College Ave.
Virginia Dudley	Houlton	Foss Hall
Marian Louise Ginn	Caribou	Foss Hall
Annie Hooper Goodwin	W at $erville$	R. F. D. 39
Pearle Hazel Grant	Sherman	Mower House
Doris Louise Groesbeck	Lawrence, Mass.	Foss Hall
Neta Irene Harmon	Fort Fairfield	Foss Hall
Ethel Rebecca Henderson	Houlton	Foss Hall
Carolyn Ann Herrick	Augusta	Foss Hall
Irene Gertrude Hersey	W at $erville$	3½ Oak St.
Martha Almeda Holt	Clinton	Foss Hall
Edna Hattie Huff	Farmington	Foss Hall
Alice Bradford Jewett	Head Tide	Foss Hall
Harriet Whitehead Kimball	East Boothby	Foss Hall
Helen Stewart Leighton	South Portland	Foss Hall
Elsie Hathaway Lewis	East Lynn, Mass.	Foss Hall
Florence Elizabeth Libbey	Waterville	45 Winter St.
Eleanor Marie Lunn	Waterville	Foss Hall
Agatha Lovina MacEachrean	Ashland	Foster House
Elizabeth Mann Marshall	Waterville	Foss Hall
Lillian Esther Morse	Walnut Hill	Dutton House
Dorothy Louise Morton	Melrose Highlands,	Mass.
		Foss Hall
Rosalie Dorothy Mosher	Oakland	Oakland

Lora Gertrude Neal	West Boylston, Mass.	Foss Hall
Ruth Anna Norton	Hallowell	Foss Hall
Beatrice Mary Palmer	Pittsfield	Foss Hall
Alice Paul	Fort Fairfield	Foss Hall
Dorcas Whiston Plaisted	York Filluge	Foss Hall
Ruth Vivian Plaisted	Kingfield	Foss Hall
Fannie Polley	New York City	Foss Hall
Sophie Reynolds	So. Portland Fo	ster House
Flora Mabel Rideout	Raynham Centre, Mass.	Foss Hall
Adeleen Mary Robarge	Waterville 33 B	enton Ave.
Mildred Anne Roberts	Caribou	Foss Hall
Muriel Vaughan Sanborn	Dryden	Foss Hall
Nellie Madeline Simonds	Madison	Foss Hall
Grace Allison Stone	Lawrence, Mass.	Foss Hall
Ola Catherine Swift	Augusta	Foss Hall
Grace Maude Sylvester	Woodland	Foss Hall
Miriam Jane Thomas	Camden Fo	ster House
Mary Elizabeth Vose	Caribou	Foss Hall
Jean Margaret Watson	Old Town	Foss Hall
Pauline Elizabeth Waugh	Sangerville .	D. H.
Frances Weiss	Portland	Foss Hall
Barbara Annette Weston	Madison	Foss Hall
Irene Cole Woodford	Waterville 9	Harold St.
Dorothy Nellie Woods	Waterville	77 Elm St.
Florence Concordia Young	Brockton, Mass.	Foss Hall

# JUNIORS-Class of 1930

Louise May Armstrong	Waterville	8 Boutelle Ave.
Pauline Bakeman	Peabody, Mass.	Foss Hall
Dorothy Carolyn Balentine	Shawmut	Shawmut
Elizabeth Richardson Beckett	Calais	Foss Hall
Elizabeth Janette Bottomley	Pittsfield	Foss Hall
Helen Woodford Brigham	Concord, Mass.	Foss Hall
Pauline Kathleen Brill	East Waterboro	Foss Hall
Alberta Louise Brown	Waterville	20 Boutelle Ave.
Edvia Veronica Campbell	Caribou	M. L. H.
Helen Alice Chase	Houlton	D. H.
Virginia Gertrude Christie	Fort Fairfield	M. L. H.
Dorothy Mae Donnelly	Waterville	246 Main St.
Muriel Iris Farnum	Wilton	Foss Hall
Alma Winifred Glidden	Waterville	Waterville
Mary Louise Grearson	Calais	Foss Hall

Verna Muriel Green Evelyn Louise Grindall	Dover-Foxcroft Waterville	Foss Hall	
Margaret Pauline Hale	Caribou	1 Choate St.	
Eleanor Augusta Hathaway	Cartoon Columbia Falls	Foss Hall	
Mina Allan Higgins		Foss Hall	
Carol Gertrude Hill	Dennysville	Foss Hall	
Helen Joyce Hobbs	Fort Fairfield	M. L. H.	
	Hope	М. L. H.	
Maxine Hayden Hoyt Harriet Johnston	Phillips	D. H. Foss Hall	
Barbara Crosby Libby	Fort Fairfield Albion	Foss Hall	
	Waterville	19 Morrill Ave.	
Jean Marie Macdonald Marjorie Mary MacLaughlin			
	Harmony Corinna	9½ Abbott St. Foss Hall	
Barbara Elaine Milliken	Caribou		
Rena Joy Mills	Caribou	Foss Hall Foss Hall	
Margaret Gladys Mooers	Ashland	D. H.	
Pauline Morin	Corinna	D. H. M. L. H.	
Beatrice Mullen			
Methyl Alona Page	Waterville	29 Burleigh St. Fairfield	
Ruth Agnes Park	Fairfield		
Lucy Ella Parker	Winterport	161 College Ave. Foss Hall	
Helen Jane Paul	Fort Fairfield	6 Pearl St.	
Mary Christine Petke	Terryville, Conn.	Foster House	
Mildred Margaret Pond	Houlton	Foss Hall	
Isa Bubar Putnam	Danforth ::		
Evelyn Frances Rollins	Waterville	65 Benton Ave.	
Mary Evelyn Rollins	Fairfield	Fairfield	
Ethel Ruth Rose	Waterville	11 Belmont Ave.	
Miriam Edith Sanders	Presque I sle	M. L. H.	
Ida Pauline Smith		East Getchell St.	
Thelma Martha Snow	Atkinson	Foss Hall	
Barbara Arline Taylor	Harmony	68 Silver St.	
Frances Elizabeth Thayer	Waterville	11 Boutelle Ave.	
Susie Louise Thomas	Waterville	273 Main St.	
Mary Kilburn Wasgatt	Rockland	Foss Hall	
Lucille Norine Whitcomb	Farmington	M. L. H.	
Arlene Burrill Williams	W aterville	11 College Ave.	
Edith Mills Woodward	Boothbay Harbor	Foster House	
Ruth Frances Young	Camden	66 Burleigh St.	
CODITOMODEC Class of 1001			

# SOPHOMORES-Class of 1931

Dorothy Esther Adams	Waterbury, $Conn.$	M. L. H.
Mary Eunice Allen	Houlton	<b>Dutton House</b>

Thelma Bamford	Houlton	D. <b>H.</b>
Ada Elizabeth Bates	Abbott	Foss Hall
Alona Stephanie Bean	Somerville, Mass.	D. <b>H.</b>
Winona May Berrie	Presque Isle	Foss Hall
Ruby Crosby Bickmore	Albion	35 Pleasant St.
Dorothy Webster Blanchard	Waterville	230 Main St.
Amelia Marcia Bliss	Island Falls	Foss Hall
Velma Annie Brown	Unity	Foster House
Mary Cadwallader	Waterville	31 Pleasant St.
Katherine Sarah Calder	Oakland	Oakland
Thelma Blanche Chase	Milo	M. L. H.
Isabel Hazel Clark	Cape Neddick	D. <b>H</b> .
Florence Josephine Conners	Bar Harbor	Foss Hall
Marion Davis Cooke	York Village	M. L. H.
Ada Minnie Cram	West Baldwin	M. L. H.
Eunice Mary Dawson	Mexico	28 Gilman St.
Marjory Hopkins Dearborn	Bath	Foss Hall
Jennie Dunn	Presque Isle	D. <b>H</b> .
Velma Lucille Fairbrother	Fairfield	Fairfield
Geraldine Frances Foster	Strong	D. <b>H.</b>
Maxine Susan Foster	Monticello	D. H.
Betty Gunter Fowlie	Waterville	41 Western Ave.
Eunice Marjorie Foye	Dorchester, Mass.	D. H.
Pauline Strong Gay	Hopkinton, Mass.	M. L. H.
Agnes Melvina Ginn	Bucksport	Foss Hall
Barbara Hope Gurney	Portland	Foss Hall
J. Evelyn Haycock	Waterville	6 Gilman St.
Barbara Heath	Hopkinton, Mass.	M. L. H.
Eleanor Hilton	Waterville	3 Nudd St.
Ina Fletcher Hussey	East Vassalboro	Foster House
Inza Pearle King	Benton Station	Benton Station
Beatrice Albra Ladd	Dower-Foxcroft	Foster House
Alice Beatrice LePoer	West Boylston, Mas	ss. M. L. H.
Frances Eliza Libby	Richmond	M. L. H.
Alice Farrar Linscott	Portland	D. H.
Janet Dorothea Locke	Berlin, N. H.	D. H.
Anna Wheeler Macomber	Fall River, Mass.	Mower House
Ethel Cameron MacDougall	Berlin, N. H.	D. H.
Muriel Josephine MacDougall	Brooklyn, N. Y.	
Margaret McGann	Waterville	30 Morrill Ave
Marian Monks	Fall River, Mass.	Foss Hall
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Evelyn Morrison	Haverhill, Mass.	M. L. H.
Louise Mulligan	Revere, Mass.	D. H.
Alice Louise Murray	Waterville 5	7 Benton Ave.
Frances Page	Hancock	M. L. H.
Myrtle Evelyn Paine	Atkinson	M. L. H.
Ruth Pinec	Milo	Mower House
Hope R. Pullen	No. Amity	M. L. H.
Helen Gordon Ramsey	Hastings-on-Hudson	D. H.
Barbara Aiken Sherman	Yarmouth, Mass.	M. L. H.
Dorothy Frances Shippee	Meshanticut Park, R.	I. M. L. H.
Gertrude Lillian Snowden	Stonington 1	1½ School St.
Doris Marie Spencer	New Haven, Conn.	M. L. H.
Beulah Evelyn Stiles	Smyrna Mills	D. H.
Gertrude Lucy Sykes	Wilton	Foss Hall
Flora Harriet Trussell	Berlin, N. H.	D. H.
Florence Read Ventres	Rockport, Mass.	M. L. H.
Elizabeth Russell Walker	Gardiner	Foss Hall
Althea Mary Wheeler	Millinocket	Foss Hall
Marion Ruth White	Augusta	M. L. H.
Arlene Doris Woodman	Augusta	Foss Hall

# FRESHMEN—Class of 1932

TRESIMEN	ricesimen—class of 1352			
Margaret Ella Adams	Clinton	M. L. H.		
Ruth L. Andrews	Wytopitlock	M. L. H.		
Marilla Elizabeth Barnes	Fort Fairfield	M. L. H.		
Lucile Frances Blanchard	W aterville	230 Main St.		
Abbie Maria Boynton	Henniker, N. H.	M. L. H.		
Ruth Eleanor Brown	Fair field	Fairfield		
Doris Margaret Campbell	Bath	M. L. H.		
Lucille Mae Cunningham	Patten	M. L. H.		
Helen Marcia Daye	Waterville	157 College Ave.		
Louise May Dyer	Camden	Mower House		
Ella Comins Gray	East Holden	M. L. H.		
Margaret A. Grover	Hinckley	Hinckley		
Martha Lenora Hamilton	Caribou	D. H.		
Phyllis Evelyn Hamlin	Milo	Foster House		
Winifred Elizabeth Hammett	Danielson, Conn.	Foster House		
Justina Mae Harding	Washington, D.C.	Dutton House		
Barbara Hassen	Fairfield	Fairfield		
Kathlyn Clara Hilton	Waterville	5 Hillcrest St.		
Evelyn Leona Johnson	Caribou	Mower House		
Martha Johnston	Kennebunk	Foster House		

Marion Arlene Lewis		Waterville	26 College Ave.
Bernardine Marguerite Libby	7	Waterville	11 Brook St.
Verna Louise McGee		Auburn	2371/2 Main St.
Dorothy Louise McNally		Clinton	Foster House
Mary Theresa McNamara		Maynard, Mass.	M. L. H.
Florence Elvira Marble		Harmony	Mower House
Gwendolyn Grace Mardin		Portland	4 West Court
Marion Lora Merrill		Fort Fairfield	33 College Ave.
Hildred Pauline Nelson		Fair field	Fairfield
Mary Gertrude Palmer		Hinckley	Hinckley
Dorcas Mathews Paul		Michigan City, Ind	33 College Ave.
Evelyn Miller Platt		Lawrence, Mass.	Mower House
Ruth Evangel Ramsdell		Charleston	Foss Hall
Liane Rancourt		Waterville	39 Water St.
Helen Carper Ray		No. Anson	15 Ash St.
Marion Louise Richardson		Rockland	40 Pleasant St.
Frances Isabelle Rideout		Robinsons	Mower House
Neta Charlotte Riley		Lynn, Mass.	Mower House
Marguerite de Rochemont		Rockland	33 College Ave.
Thelma Ruth Roderick		Waterville	57 Pleasant St.
Eleanor Hubbard Rogers		Haverhill, Mass.	Foss Hall
Viola Ruth Rowe		Waterville	11 Kelsey St.
Minnie Viola Rowell		Skowhegan	Oakland
Madeline Pearl Scott		Medford Center	Foss Hall
Helen Ava Simmons		Oakland	Oakland
Dorothy Mae Smith		Bath	33 College Ave.
Irene Mary Tardiff		Waterville	3 West Court
Estelle Perkins Taylor		Harmony	M. L. H.
Tina Catherine Thompson		Waterville	5 College Place
Sarah Irene Toabe		Lawrence, Mass.	Mower House
Gladys Martindale True		Skowhegan	16 Broadway
Marjorie Julia Van Horn		East Boothbay	Foster House
Ethel Alice Agnes Watt		Easton	161 College Ave.
Florence Mildred Wein		Water ville	17 College Ave.
Jean Sigrid Wellington		Monticello	33 College Ave.
Phyllis Carolyn Weston		Skowhegan	Foster House
Dorothy Marie Wildman		Bethel, Conn.	Mower House
Barbara Valentine Works		Dixfield	M. L. H.
anna		***************************************	

## SPECIAL AND UNCLASSIFIED

Germaine C. Archambault Fort Kent 33 College Ave. Frances Eleanor Burrill Waterville 4 Stebie St.

Dolores Dignam	Waterville	36 West St.
Theora Harvey Doe	Waterville	127 College Ave.
Phyllis Cleone Farwell	Waterville	1 Bartlett St.
Marjorie Phyllis Fisher	Fort Fairfield	M. L. H.
Ardra Orina Hodgins	Houlton	9 Park St.
Pearl Rosalie Langlois	New Bedford,	Mass. M. L. H.
Pauline Dorothea Russell	Gardiner	Foss Hall
Florence Shapiro	Waterville	16 Boutelle Ave.

Summary

		Total by
Men	Women	Classes
83	62	145
89	53	142
91	63	154
100	58	158
16	10	26
379	246	625
2	3	5
381	249	630
	83 89 91 100 16 379 2	83 62 89 53 91 63 100 58 16 10 379 246 2 3

# GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Men	Women	Total
MAINE213	204	417
Massachusetts	29	126
New York	3	31
Connecticut	5	24
New Hampshire 4	5	9
Rhode Island 6	1	7
Vermont		4
New Jersey 3		3
New Brunswick 2		2
Arizona 1		1
District of Columbia	1	1
Indiana	1	1
Illinois		1
Maryland		1
Nebraska		1
Pennsylvania 1		1
381	249	630

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# ADMINISTRATIVE RULES

for the

Information and Guidance of Students

in

# COLBY COLLEGE

# INFORMATION FOR THE FACULTY

(This copy is not to be placed in the hands of students)

WATERVILLE, MAINE September 1, 1928

# INFORMATION FOR MEMBERS OF THE FACULTY OF COLBY COLLEGE

- 1. Members of the faculty are expected to be in Waterville in time for the first day of the September entrance examinations.
- 2. Instructors are directed not to dismiss classes before the end of the class period, and then to dismiss promptly on the sound of the bell.
- 3. An instructor who for any reason is absent from a regular class appointment is requested to report such absence to the President either before or after.
- 4. All instructors are requested to make regular *daily* reports of students' absences upon the blanks provided for that purpose.
- 5. Members of the faculty are requested to attend chapel at least twice a week.
- 6. All members of the faculty are urged to do all that is possible to prevent "cribbing",—by separating chairs, careful proctoring, preparing double quiz and examination questions, etc.
- 7. Unless excused by the President, all members of the faculty are expected to remain in Waterville until after the exercises of Commencement Day.
- 8. Whenever the faculty pass an administrative rule which in any material way changes existing procedure, the registrar will by written or printed notice, notify every student who is or will be affected by the change.
- 9. Each instructor is expected to proctor personally his own examinations.
- 10. Each instructor is expected to comply with the provisions of the Administrative Rules here printed.
- 11. Each member of the faculty who serves as Adviser is expected to keep himself informed of the standing and conduct of students whom he advises.
- 12. Each Adviser is expected to familiarize himself with the details of the Graduation Requirements printed in the catalogue, in order that he may properly advise students in the election of courses, and that he may inform each student as to what he must do to meet the Requirements.

# ADMINISTRATIVE RULES

#### I. REGISTRATION

Students are required to register on Wednesday or Thursday, the opening days of the first semester, at the Registrar's office in Chemical Hall, observing the following schedule:—

All Freshmen men: Wednesday morning, (after Chapel Meeting, 9 A.M.)

All Freshmen women: Wednesday afternoon (after Chapel Meeting, 2 P.M.)

All Sophomore, Junior, and Senior men: Thursday morning.

All Sophomore, Junior, and Senior women: Thursday afternoon.

Fifty dollars must be deposited as a registration fee on or before Registration Day in September. Until a receipt for this registration fee is obtained from the Treasurer, a student may neither register with the Registrar nor enroll in any college class. The amount thus deposited will be credited toward the payment of the tuition fee.

Students who wish to avoid the delays incident to Registration Day may effect registration at any time prior thereto by mailing the Registration Fee to the Registrar. Admission cards to the various classes elected will then be mailed to the registrant.

Students are admitted to classes only on presentation of admission cards from the registrar.

Each candidate for the M.A. degree must register his name, address, and proposed course of study with the Registrar not later than the first of October in the year in which he begins his study. Consultation with the Faculty should precede that date.

Bills are presented about the fifteenth of October and the fifteenth of February, and payment is required within ten days. Unless payment is made at this time, the student will be excluded from college classes until the obligation is met.

#### Men's Division

Rooms will be open for occupancy one week before the opening of the fall term, forty-eight hours before the close of the Christmas vacation and forty-eight hours before the close of the Easter vacation unless special arrangement otherwise is made with the Treasurer for the use of the rooms during vacation. They will be closed twenty-four hours after the commencement of the Christmas and of the Easter vacations and forty-eight hours after the close of the college year.

Payment for dormitory room is to be made as follows: \$10.00 shall be paid at the time of engaging the room, and of the balance of the yearly rental one-half shall be included in the charges of the first semester and one-half in the charges of the second semester. If the engagement of a room is cancelled before September first, the deposit of \$10 will be refunded. No refund will be made after September first. All payments shall be made at the Treasurer's office. Rooms in Roberts Hall and Hedman Hall are assigned by the Superintendent of Buildings and Grounds; rooms in the divisions of North College and South College and in Number 31 College Avenue occupied by fraternities are assigned by such fraternities who report such assignments to the Superintendent of Buildings and Grounds.

# Women's Division

All women not living at home or with near relatives are required to live in the College residence halls. When it seems absolutely necessary for a girl to work for her board, further exception may be made on application to the Dean's office, provided it is possible through this office to find a place in a family connected with the college.

An applicant is not entitled to assignment of a room until she has paid a fee of \$10, which will be credited upon her bill for subsequent charges. A similar fee is required of all students in college on renewal of application for each succeeding year. If the application should be withdrawn before September first the money will be refunded. No refund will be made after September first.

Each student must provide her own rugs, bed linen, blankets, couch cover, window draperies and towels. The college will furnish napkins and napkin ring, and a nominal charge of approximately \$2.00 will appear on the first semester bill of each new student to cover the cost of napkins and ring. A fee of 75 cents will appear on each semester bill to cover the expense of laundering. The college provides couch beds and all necessary furniture. All rooms are supplied with electric lights.

The college houses are not open to students during vacation.

#### II. ADVISERS

At the time of his election of courses for the Sophomore year, each student is required to select his major subject. The head of the Department in which the student wishes to major becomes his special adviser. It is the duty of this officer to consider the needs of the student sso sasigned to him, and to guide them in the election of their studies, and to watch after their general moral and physical welfare.

Professor Marriner is the adviser for the Men's Division of the Freshman Class. The Dean of the Women's Division is adviser for the Women's Division of the Freshman Class.

Each student is expected to consult with his adviser from time to time as to his college work, or any matter relating to his college life.

#### III. ELECTION OF STUDIES

Students must take a minimum of fifteen hours a week. Should a student desire to elect eighteen hours he must secure the consent of his adviser, as well as that of the instructors of the courses he wishes to take. No student may take more than five courses unless during the previous semester his average rank has been 80% or more. A student deficient in one or more courses or in entrance may, with the consent of the Faculty, take six courses, even if his average rank during the previous semester has not been 80%. Freshmen, Sopohomores and Juniors must elect studies for the following year on the Monday preceding final examinations. No student will be allowed to change his elections after the first week of the college year, except with the consent of his adviser and the approval of the Faculty.

# IV. PETITIONS

Whenever a student has occasion to petition the faculty, he is required to do so in writing, stating the reasons for his request.

#### V. EXAMINATIONS

Oral or written examinations of all classes are held at the close of each semester. The final examination of all classes end on the Tuesday afternoon before Commencement.

The examinations are held according to the following schedule,—morning examinations being held from 9 to 12, and afternoon examinations from 2 to 5:—

Mid-Year Examinations	Classes that meet at	Final Examinations
Monday A.M.	8 A.M. Mon., Wed., Fri.	Tuesday P.M.
Monday P.M.	9 A.M. Mon., Wed., Fri.	Wednesday A.M.
Tuesday A.M.	10 A.M. Mon., Wed., Fri.	Thursday A.M.
Tuesday P.M.	11 A.M. Mon., Wed., Fri.	Thursday P.M.
Wednesday A.M.	1.30 P.M. Mon., Wed., Fri.	Friday A. M.
Wednesday P.M.	2.30 P.M. Mon., Wed., Fri.	Friday P.M.
Thursday A.M.	3.30 P. M. Mon., Wed., Fri.	Saturday A.M.
Thursday P.M.	8 A.M. Tues., Thurs., Sat.	Monday A.M.
Friday A. M.	9 A.M. Tues., Thurs., Sat.	Monday P.M.
Friday P.M.	10 A.M. Tues., Thurs., Sat.	Tuesday A.M.
Saturday A.M.	11 A.M. Tues., Thurs., Sat.	Tuesday P.M.

Neither Seniors nor Graduate Students are excused from semester or final examinations.

The approval of a schedule, athletic or other, shall not be construed to permit any student to absent himself from a semester examination.

Absentees from semester examinations who obtain excuse by reason of sickness or other unavoidable detention may by express permission of the faculty be given special examination without fee, at a date that meets the convenience of instructor and student.

Students absent from examinations without valid excuse are required to take the examination at the next regular examination period.

Students may be permitted to take an examination in an earlier division of the same course,—but otherwise never in advance of their class.

Upon vote of the faculty, a student may be excused from final examinations and a constructive mark equal to 75% of his daily average be accepted as the final or semester rank.

Students detected cheating in quizzes or examinations may in the discretion of the instructor be dismissed from the course and receive for it a mark of "F"; or the cheating may be reported to the faculty for further penalty.

Examinations on deficiences are held only at the time of the semester examinations, and of the entrance examinations. Examinations may by special vote of the faculty be given at any time, upon the payment of an examination fee of \$5.00.

#### VI. STANDING AND DEFICIENCIES

In making up a student's mark, the emphasis is placed upon the daily work rather than upon the final examination.

The rank in each course for the semester is indicated on a scale of one hundred percent. "A" signifies a rank of ninety to one hundred percent.; "B", a rank of eighty to eighty-nine per cent.; "C", a rank of seventy to seventy-nine per cent.; "D", a rank of from sixty to sixty-nine per cent.; "E", a rank of fifty to fifty-nine per cent.; "F", a rank of less than fifty per cent.

The Bachelor's Degree with Distinction is awarded in three grades: with Distinction (cum laude), with High Distinction (magna cum laude), with Highest Distinction (summa cum laude).

CUM LAUDE. Students who attain a rank between eighty-eight and ninety-two percent throughout their college course will be recommended for a degree *cum laude*.

MAGNA CUM LAUDE. Students who attain a rank between ninety-two and ninety-five percent throughout their college course will be recommended for a degree *magna cum laude*.

SUMMA CUM LAUDE. Students who attain a rank of ninety-five percent or more throughout their college course will be recommended for the degree summa cum laude.

MARKED DISTINCTION. If at any time a student who has not obtained one of the *cum laude* grades should attain a rank of ninety-five percent in any department, such student may upon recommendation of the head of that department, and at the discretion of the Faculty, be mentioned on the Commencement Program as having attained *Marked Distinction* in that particular department.

Members of the faculty will report the marks of students to the Registrar in numerals, but semester marks (for either semester) will be reported to students in letters only and by the Registrar only. Members of the faculty may report final (semester) examinations to students, but in letters only.

Each instructor, in his report to the registrar, shall add to every semester mark which is below 60, either the letter E or the letter F, to indicate respectively whether the student may have the privilege of making up the failure by a deficiency examination or must repeat the course in class.

A student who receives "E" as a semester mark in any course fails in that course. A student receiving a mark of "E" in any subject has the privilege of taking a deficiency examination in that subject, provided the examination is properly arranged for and taken within one year of the time of receiving the deficiency, on one of the three dates for such examinations, i.e., at the time of the mid-year examinations, at the time of the final examinations in June, or at the time of the entrance examination in September. If a student does not request deficiency examination within one year, or fails in any re-examination, the mark "E" becomes an "F", and may not be made up except by repeating the course in class. In the case of an elective course the student may, by permission of the Faculty, substitute another course.

A course completed by a deficiency examination shall be credited with a mere passing mark of "60".

A semester mark of "F" cannot be made up by examination. Incomplete work must be made up within limits prescribed by the instructor or the course shall be marked as a failed course.

At the end of the first half of each semester, a student whose rank in any course falls below sixty per cent. is warned thereof by the Registrar, and a report of the deficiency sent to the student's adviser. A report of any student's deficiencies will, at the conclusion of each semester, be sent to him and his parents.

No student with more than three deficiencies may enter the succeeding class. A Freshman must pass at least three courses at the time of the mid-year examinations, in order to be retained in college after the first week in February.

Any regular student with entrance deficiencies must make up those deficiencies before he can be admitted to the Junior class. If he still has entrance deficiencies at the beginning of his third year in college, his class standing continues as Sophomore.

No student shall be admitted to classification as a Senior until all Required Courses have been passed.

Any student who at the end of his Junior year has more than six semester-hours of deficiency shall be notified that he can not receive his degree in less than three additional semesters; for he will not be allowed to take more than six courses during the following year. This rule shall apply to the class of 1930 and subsequent classes.

Whenever, in the judgment of the Faculty, a student has proved himself unable or unwilling to do college work, or whenever for any other reason the Faculty judge it inexpedient that a student continue his college course, such student may be required to withdraw from college upon receiving due notice from the Faculty.

No student will be granted a degree until all bills due the college have been paid.

Any student who does not return athletic equipment belonging to the Colby Athletic Association shall be charged a reasonable price for the same. The charges shall be considered and treated as other college bills and shall be collected by the Treasurer of the College and credited to the account of the Association.

#### VII. RULES GOVERNING EXCUSES

The college has no "cut" system. *Every* absence, whether excused or not, counts zero till the work has been made up. The excuse, if granted, simply gives the right to remove the zero by making up the work.

All claims for excuses for absences must be made at the Excuse Office on or before Saturday of the week following that in which the absence occurred. It is urged that excuses be obtained as early as possible after absence.

The power to grant excuses lies wholly in the Excuse Officer.

Excuses for tardiness are to be made to the instructor in charge at the hour in which the tardiness occurred; otherwise it may be counted an unexcused absence.

When a student has taken four unexcused cuts in one course he will be placed on probation. If at the end of the semester the student has a total of more than fifteen (15) unexcused cuts for all courses, the Excuse Officer will report him to the Registrar as lacking 1-10 or a course for each cut above fifteen (15).

Such deficiencies may be made up either by taking fewer cuts in the succeeding semester, in which case the student will receive 1-10 of a course credit for each absence less than fifteen (15) until the required number of hours are restored; or if not made up by improved attendance, an extra course will be required for each ten points deficiency or fraction thereof.

Should a student make no attempt to secure an excuse, he may be summoned by the Excuse Officer to give an account for his absence. If a student fails to appear in answer to a summons from the Excuse Officer, he will be on probation.

All consecutive absences just preceding or following a holiday or vacation count as two, unless previously granted by the Excuse Officer.

(The beginning of Easter recess will fluctuate between March 20 and 26, and will continue for thirteen days.)

No excuses will be granted for an illness of one day. Where longer illnesses are involved, no excuses will be given for the first day of the illness except on a doctor's certificate.

The Excuse Officer is found in Coburn Hall. Office hours will be scheduled.

# VIII. ELIGIBILITY

No student shall represent the college in any public way who has more than two deficiencies, of which only one can be from the preceding semester.

No student shall represent the college in any public way if he is doing unsatisfactory work in any course he is pursuing or is taking less than the minimum number of hours required.

A student on probation may not represent the college in any public way such as being on athletic squads, musical, dramatic, or debating clubs, boards of publication, or acting as cheer leader.

Fraternities are required to notify the Secretary of the Faculty *in advance* of the time of fraternity conventions and of delegtaes appointed to attend

A student degraded to a lower class shall not, for the period of one year, represent the college in any public way, unless sooner reinstated.

In determining whether a student shall be degraded from his class, or in determining a student's eligibility, one-hour courses shall not be counted.

# IV. PUBLIC WORSHIP

# Men's Division

Chapel exercises are held in the College Chapel every day except Sunday at 9.50 A.M.. with the following exceptions: On the opening day of the year, the Chapel hour is 9.00 A.M.: and Seniors' Final Chapel occurs at 8.30 A.M.

Students are expected to attend the daily Chapel exercises, and to attend public worship at least once on each Sunday of the college year.

# Women's Division

Daily devotional exercises are held in the College Chapel at the close of the morning recitation (12.05 P.M.) with the exception of Thursday, the opening day of the year, when the Chapel service occurs at two o'clock in the afternoon. All students of the Women's Division are expected to be present at the daily Chapel exercises, and to attend public worship at least once on each Sunday of the college year. Excuses for absence from chapel must be presented to the dean. The student government proctors collect at the beginning of each month a record of every student's church attendance for the preceding month.

# X. DORMITORY RULES IN MEN'S DIVISION

- 1. The College will heat and care for all rooms in Hedman Hall and in Roberts Hall and will heat all rooms in North College and in South College and in Number 31 College Avenue. All occupants shall have equal rights in the privileges furnished to the occupants in common.
- 2. Rooms are engaged for the entire academic year. Wihtdrawal from College does not impair the obligations of this agreement.
- 3. A room once engaged cannot be sublet except through the Treasurer of the College and with his approval of the new tenant. (Rooms assigned to applicants for admission to the College who fail of admission at the entrance examinations may be relinquished without payment, and any money which has been deposited will be returned, provided written application for such relinquishment is made to the Treasurer not later than ten days after the opening of the fall term).
- 4. Alterations or changes in rooms or appurtenances are not allowed except when made with the approval of the Treasurer, and by the mechanics in the employ of the College. Decorations must not be fastened to the walls, doors or casings in such a way as to cause injury. The driving of tacks and nails into the wood work or the gumming of any article to the wall is prohibited. Moore's Push Pins or their equivalents, with the exception of Pins Numbered 27 and 28, which are not allowed, may be used in the plaster. All electric wiring in the rooms must be done with the approval of the Treasurer and by an electrician employed by the College, the occupant paying the expenses thereof. Moulding supplied by the occupant will be installed by the College free of charge. All damages to rooms shall be paid for by the occupant whether the damage is done by the occupant of the room or by others. Damage to hall ways, toilet rooms, unused rooms, etc., is to be paid for proportionately in the case of damage in Hedman Hall or in Roberts Hall by all the occupants of rooms in those Halls respectively in which the damage is done, and in case of damage in North College and in South College proportionately by all the occupants of rooms in the respective divisions in which the damage is done and in Number 31 College Avenue proportionately by all the occupants of rooms in said building. Such occupant can be freed from this charge by giving to the Treasurer the name of the person or persons who did the damage.

The Superintendent of Buildings and Grounds will determine whether or not damage has been done and the amount of the same and his determination thereof must be accepted.

- 5. Any occupant of a room who damages a building or its appurtenances, except by accident, or whose conduct is considered to be detrimental to the best interests of the other students or to the College, may be required by the President of the College to vacate his room. In such case payment of one-half the unearned rental must be made by the student.
- 6. No student is allowed to keep a dog or any other animal in his room.
- 7. While repairs and cleaning are in progress in vacation the College will use reasonable care to protect property left in the rooms, but it remains there solely at the risk of the owner.

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