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Colby College

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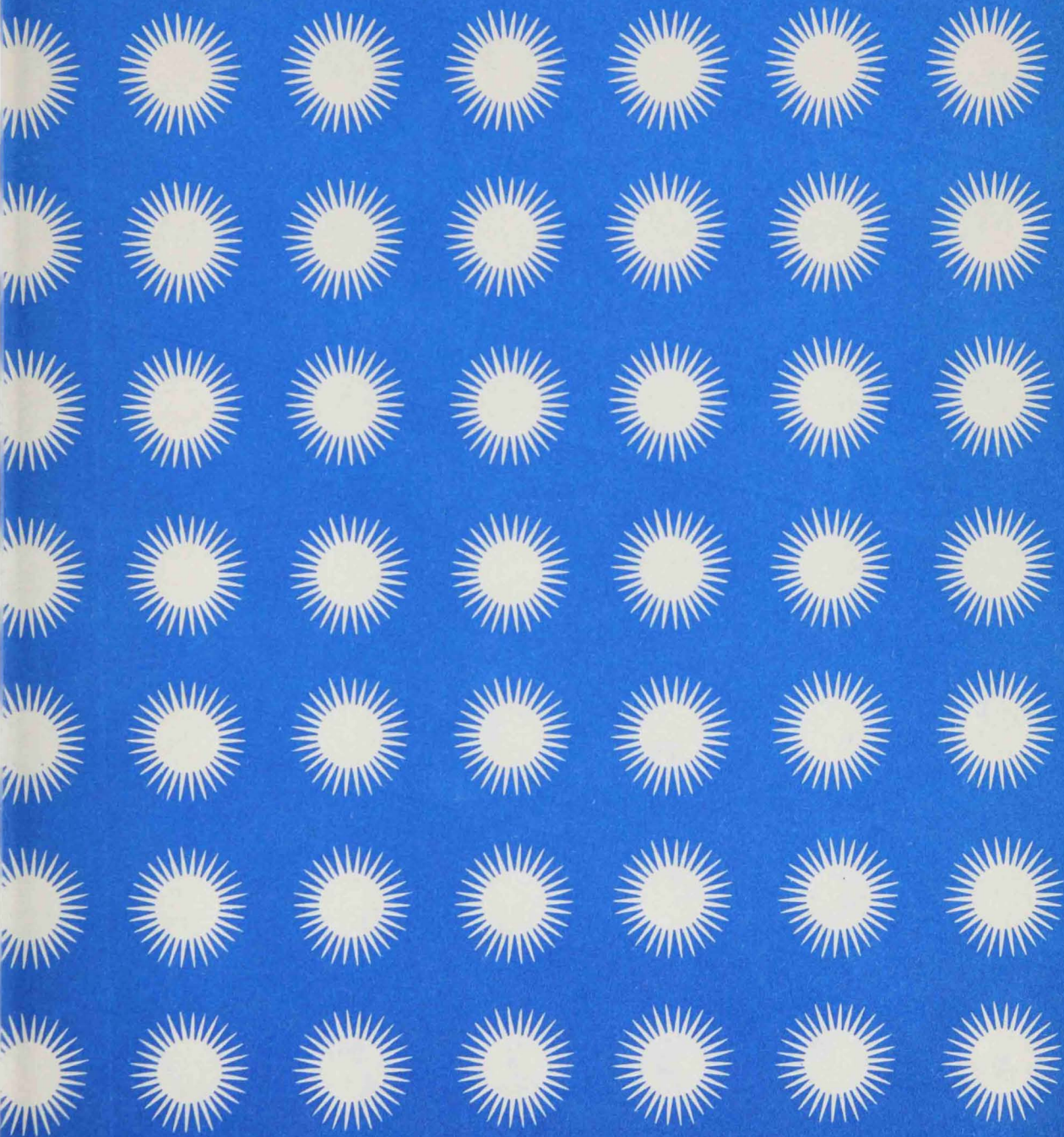
Colby College, "Colby College Catalogue 1964 - 1965" (1964). *Colby Catalogues*. 83.
<https://digitalcommons.colby.edu/catalogs/83>

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COLBY COLLEGE BULLETIN

Catalogue Issue December 1964

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COLBY COLLEGE BULLETIN

INTERVILLE, MAINE • FOUNDED IN 1813 • ANNUAL CATALOGUE ISSUE • DECEMBER, 1964



1964

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College Calendar, 1964-65

Friday, September 11, 1964	Freshman program begins
Tuesday, September 15	Upperclass registration
Wednesday, September 16	First classes
Saturday, October 24	Homecoming Day; all classes omitted
Wednesday, October 28	Midsemester
Saturday, October 31 <i>and</i>	Football games, away; classes end,
Saturday, November 7	11:00 A.M.
Wednesday, November 25	Thanksgiving recess
10:30 A.M. <i>to</i>	
Monday, November 30, 8:30 A.M.	
Saturday, December 12	Last classes of the first semester
Monday, December 14, <i>through</i>	Semester examinations
Saturday, December 19	
Saturday, December 19 <i>through</i>	Christmas recess
Sunday, January 3, 1965	
Monday, January 4	First semester examination make-ups
Monday, January 4 <i>through</i>	January Program
Saturday, January 30	
Monday, February 8, 8:30 A.M.	First classes of second semester
Monday, March 22	Midsemester
Friday, March 26, 10:30 A.M.	Spring recess
<i>to</i> Monday, April 5, 8:30 A.M.	
Wednesday, May 12	Johnson Day, all classes omitted
Friday, May 7 <i>through</i>	Reading period for 300 and 400 courses
Thursday, May 20	
Saturday, May 8	Spring Weekend; all classes omitted
Thursday, May 20	Last classes for 100 and 200 courses
Friday, May 21	Comprehensive examinations
Monday, May 24 <i>through</i>	Final examinations
Wednesday, June 2	
Sunday, June 6	Commencement
<hr/>	
Friday, September 10	Freshman program begins
Tuesday, September 14	Upperclass registration
Wednesday, September 15	First classes

Inquiries to the college should be directed as follows:

ADMISSION		HARRY R. CARROLL, <i>Dean of Admissions</i>
ADULT EDUCATION		WILLIAM A. MACOMBER, <i>Director of Adult Education</i>
FINANCIAL		ARTHUR W. SEEPE, <i>Treasurer</i>
HEALTH AND MEDICAL CARE		GILBERT F. LOEBS, <i>Director of Health Services</i>
HOUSING	MEN	GEORGE T. NICKERSON, <i>Dean of Men</i>
	WOMEN	FRANCES F. SEAMAN (MRS.), <i>Dean of Women</i>
RECORDS AND TRANSCRIPTS		GILBERT F. LOEBS, <i>Registrar</i>
SCHOLARSHIPS AND EMPLOYMENT		RALPH S. WILLIAMS, <i>Chairman, Committee on Financial Aid</i>
SUMMER SCHOOL OF LANGUAGES		<i>Director of the Summer School of Languages</i>
VETERANS' AFFAIRS		E. PARKER JOHNSON, <i>Dean of Faculty</i>

A booklet, ABOUT COLBY, with illustrative material, has been prepared for prospective students and may be obtained from the dean of admissions.

SERIES 63

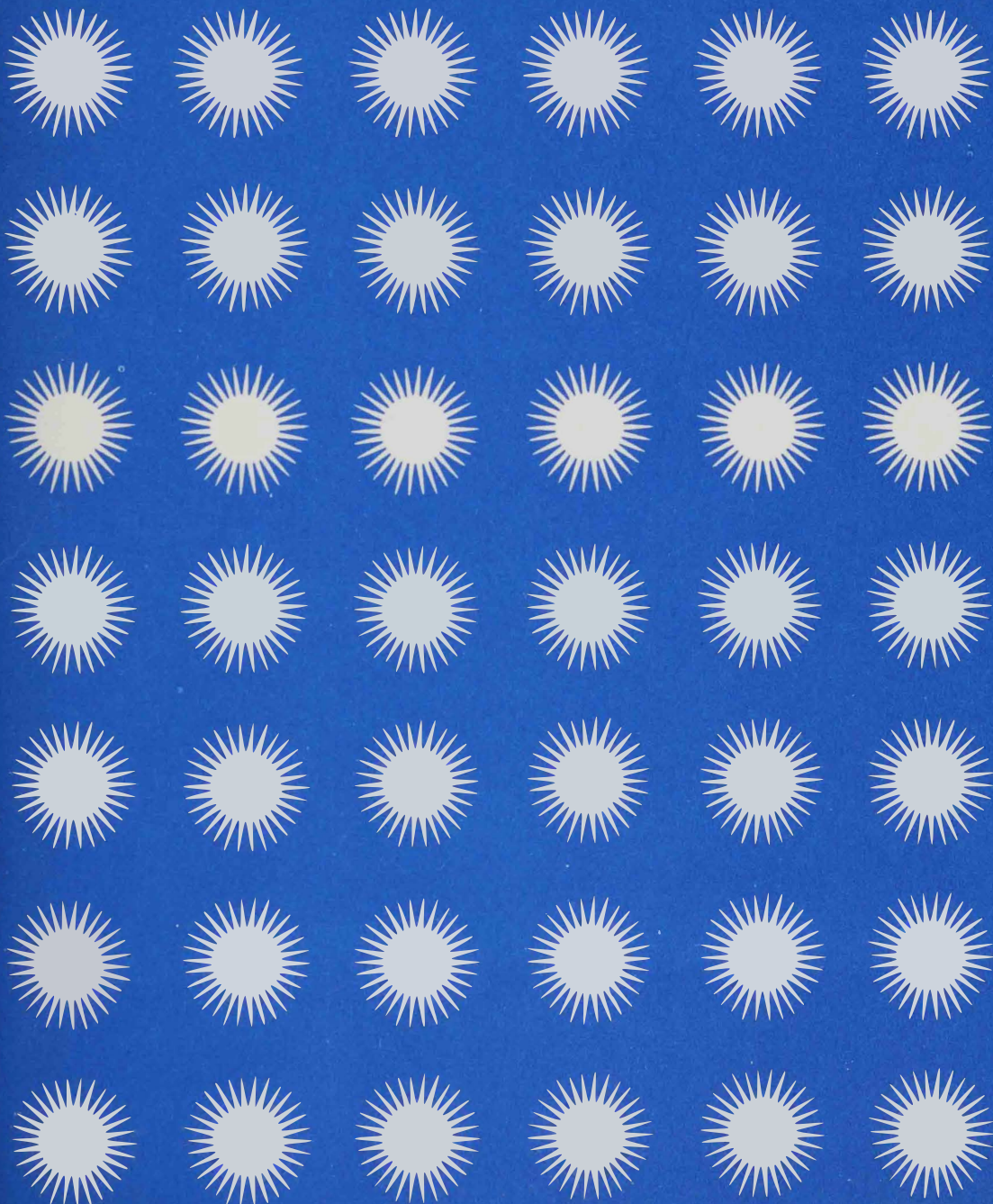
NUMBER 5

DECEMBER 1964

The COLBY COLLEGE BULLETIN is published five times yearly, in February, May, July, September and December.

Entered as second-class matter at the Post Office at Waterville, Maine, under the Act of August 24, 1912. Acceptance for mailing at special rates of postage provided for in Section 1103, Act of October 3, 1917, authorized March 20, 1919.

Statement of ownership, management and circulation: date of filing — October 5, 1964; title of publication — THE COLBY COLLEGE BULLETIN; frequency of issue — 5 times yearly, in February, May, July, September and December; office of publication and general offices of publishers — Colby College, Waterville, Maine; published by Colby College, Waterville, Maine; Ian L. Robertson, college editor.



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Colby College

CORPORATE NAME	The President and Trustees of Colby College
LEGAL BASIS	Chartered as Maine Literary and Theological Institution by the General Court of Massachusetts, February 27, 1813. First classes, 1818. Authorized to confer degrees by the first Legislature of Maine, June 19, 1820. First Commencement, 1822. Name changed to Waterville College, February 5, 1821; changed to Colby University, January 23, 1867; changed to Colby College, January 25, 1899.
FUNCTION	Independent college of liberal arts for men and women (women first admitted, 1871); nonsectarian, founded under Baptist auspices.
DEGREE CONFERRED	Bachelor of Arts.
ENROLLMENT	796 men, 572 women.
FACULTY	113, full and part time.
ENDOWMENT	\$10,475,000, approximate book value.
LIBRARY	210,000 volumes.
ACCREDITATION	Accredited by the New England Association of Colleges and Secondary Schools. Member of the College Entrance Examination Board, the Association of American Colleges, the American Council on Education. Approved by the American Chemical Society, Association of American Medical Schools, American Association of University Women, the American Association of University Professors. The Colby chapter of Phi Beta Kappa was founded in 1895.
LOCATION	Waterville, Kennebec County, Maine; population 18,846. Industries: textiles, paper, molded papyrus products, shirts, plastics. Bus service, Greyhound Lines. Airport with service of Northeast Air Lines at Augusta. On U. S. Interstate Highway 95, connecting with Maine Turnpike at Augusta.

Colby Yesterday and Today

HISTORY OF COLBY COLLEGE

In 1813 a group of Baptist associations secured a charter from the Massachusetts Legislature authorizing the establishment of the Maine Literary and Theological Institution, but withholding from it the right to confer degrees. Financial stringency caused by the Embargo Act and the War of 1812 delayed the start of instruction. In 1815 the Agent for the Eastern lands assigned to the institution a township of land on the west side of the Penobscot River. When that location proved remote and unfeasible, the trustees were invited to select a site in Kennebec or Somerset counties. They chose Waterville, and in 1818 persuaded the Reverend Jeremiah Chaplin to come from Danvers, Massachusetts, with his family and his seven theological students.

During his first year Chaplin was the only teacher. He conducted classes in a farmhouse where the Elmwood Hotel now stands. In 1819 he was joined by the Reverend Avery Briggs as professor of languages. The institution had no president, each professor maintaining control over the separate theological and literary departments. Within a decade the former had been abolished and, since 1830, the college has been devoted strictly to undergraduate studies in liberal arts.

Soon after Chaplin's arrival, the trustees purchased a lot in Waterville, 80 rods along the Kennebec River and extending westward one mile. The first building was a two-storied frame house for Chaplin, in which he boarded students and held classes until the construction of the first that could be called truly a college building, South College, in 1822.

When Maine became a state in 1820, the new legislature granted the institution the right to confer degrees, and in 1821 changed the name to Waterville College. Chaplin then became its first president.

The Maine charter made it clear that the founders never intended that the institution be exclusively for Baptists. In fact several non-Baptists, notably Maine's first governor, William King, were on the original board of trustees. The Maine charter included a clause of which the college has always been proud:

No student shall be deprived of any privileges of said Institution, or be subject to the forfeiture of any aid which has been granted him by the Institution, or be denied the usual testimonials on closing his studies, or be denied admission to the Institution, on the ground that his interpretations of the scriptures differ from those which are contained in the articles of faith adopted, or to be adopted, by the Institution.

The college never adopted any "articles of faith," and it has for many years been independent and nondenominational. It is, however, proud of its liberal Baptist heritage and grateful to the many churches and individuals of that persuasion who nurtured the college through infancy and supported it for more than a century.

When the Civil War threatened to force closing of the college, the struggling institution was saved by a generous gift from Gardner Colby, a prominent Baptist layman of Newton Centre, Massachusetts, and in 1867 the grateful trustees changed the name to Colby University. In 1899, sensing that the college had never become a university in fact, the board changed the name to Colby College.

In the first class, to whom degrees were awarded in 1822, was George Dana Boardman, pioneer of a long line of Colby missionaries to foreign lands. A graduate in 1826 was Elijah Parish Lovejoy, who suffered martyrdom for the cause of freedom of the press when his persistent anti-slavery articles led to his death at the hands of a mob in Alton, Illinois, at the age of thirty-four. Colby graduates through the years have been members of Congress, judges of state and federal courts, governors and legislators; have held high rank in the armed services; have been builders of railroads, telephone lines, and petroleum plants in far corners of the earth; have been prominent in business and finance, and have won distinction in the learned professions.

The college marked its first half century with a novel experiment by opening its doors to women; in 1871 Mary Low became the first, and for a time, the lone female student. By 1890 so many women had enrolled that President

Albion Woodbury Small proposed, and the trustees adopted, a system of coordination under which a women's division was established with separate classes and administration. Although Colby still is, officially, a coordinate college, it has become truly coeducational, and separate classes have been abandoned.

During the early years the trustees were compelled to sell much of the college land in Waterville, with the result that after the first world war Colby found its campus confined to thirty crowded acres on which stood ten buildings and the athletic fields. A short distance away on the main thoroughfare were six buildings of the women's division and two fraternity houses. With much of the physical plant obsolete, and with no room for expansion, the trustees voted in 1930 that the college be moved "as soon as feasible."

For twenty anxious years after this decision, President Franklin Winslow Johnson led a valiant and finally successful campaign to move the college, despite the obstacles of a great depression and a second world war. Colby was gradually transferred, between 1943 and 1952, to its new site on Mayflower Hill, on land given by the citizens of Waterville.

Throughout his administration, 1942-1960, President J. Seelye Bixler continued the work so well begun by President Johnson; as a result the new campus now contains more than thirty modern buildings of Georgian colonial architecture valued in excess of thirty million dollars.

The growth of Colby since its transition to Mayflower Hill has been striking. No longer is it a provincial New England college. The enrollment has doubled from 600 to over 1200, and the students come from more than half the states and many foreign countries. The faculty, numbering 56 in 1940, now exceeds 100. During the same years the endowment has increased from less than three million dollars (original cost) to more than ten million. Accompanying the physical expansion has been growth in variety and quality of the curriculum enabling an increasing number of graduates to seek advanced degrees in the liberal arts and the professions at the leading universities.

In 1963, Colby College observed its one hundred and fiftieth anniversary with a distinguished series of events emphasizing the college's heritage and its responsibility for the future. That academic year was a milestone, but no event had more significance for the college than its selection by the Ford Foundation for development as a "regional center of excellence." Colby received in June 1962 a challenge grant of \$1.8 million in the Foundation's Special Program in Education, to be matched on a two-to-one basis in three years. Officials of the Ford Foundation chose a select number of liberal arts colleges to be included in the program "because of the importance of the liberal arts—the humanities, natural sciences, and social sciences—in cultivating the thoughtful leadership and independent opinion essential in a free society."

PRESIDENTS	1822-1833	JEREMIAH CHAPLIN
	1833-1836	RUFUS BABCOCK
	1836-1839	ROBERT EVERETT PATTISON
	1841-1843	ELIPHAZ FAY
	1843-1853	DAVID NEWTON SHELDON
	1854-1857	ROBERT EVERETT PATTISON
	1857-1873	JAMES TIFT CHAMPLIN
	1873-1882	HENRY EPHRAIM ROBINS
	1882-1889	GEORGE DANA BOARDMAN PEPPER
	1889-1892	ALBION WOODBURY SMALL
	1892-1895	BENIAH LONGLEY WHITMAN
	1896-1901	NATHANIEL BUTLER, JR.
	1901-1908	CHARLES LINCOLN WHITE
	1908-1927	ARTHUR JEREMIAH ROBERTS
	1929-1942	FRANKLIN WINSLOW JOHNSON
	1942-1960	JULIUS SEELYE BIXLER
	1960-	ROBERT EDWARD LEE STRIDER, II

COLBY TODAY

Colby is a coeducational undergraduate college of liberal arts, "committed," to quote the inaugural address of President Strider, "to the belief that the best preparation for life in our world, and especially toward the professions that require further specialized study, is a broad acquaintance with human knowledge rather than narrowly concentrated training in limited areas. It is, in short, the pursuit of truth, free and unrestricted, for truth itself is almost infinitely various."

In addition to a comprehensive investigation of our heritage the Colby student is given an opportunity to explore thoroughly a major field of study. He is encouraged to choose a major which affords him the greatest intellectual stimulation, rather than one which he can necessarily "use" after graduation. Colby does not prepare a student for a particular vocation but rather for *any* vocation, as well as for a full and rewarding life in the contemporary world.

The coming generation of young adults will have to make difficult and fateful decisions. Technical knowledge alone will not be sufficient, for the problems we face are complex and full of uncertainties. To think through them, one must draw upon a capacity for judgment in the broadest sense — judgment involving not only material things but also the intangibles of the human spirit. Liberal education provides young men and women with a basis upon which a system of values can be built, reference to which can sharpen the power of judgment.

The student who comes to Colby should be endowed with a high degree of intellectual curiosity; he should have the energy and the ambition to pursue his academic objectives with vigor and concentration, and to take a healthy and constructive part in a limited number of those extra-curricular activities which supplement the academic program. These include student government, student publications, athletics (intercollegiate and intramural), music, drama, dance, debating, religious groups and social organizations.

It is the philosophy of the college that responsibility be given the students: in the regulation of social life and daily

living and in the academic program. Toward this end advising, guidance, and counseling are available. Colby hopes that during the college years the student will mature socially and intellectually, and every opportunity is given him to do so.

One distinctive feature of a Colby education bears out this philosophy directly. The college's experimental *January Program of Independent Study* has as its purpose to encourage the student to acquire the habit of exploring a particular field of knowledge on his own, a habit which can be carried over beyond graduation and through life. Colby students are introduced to independent work even before they reach the campus, for in the summer preceding the freshman year all are given a reading assignment chosen from classics of literature and philosophy to be completed before matriculation.

Students at the college are strongly advised to consider further graduate study in preparation for the professions. Each year an increasing number of Colby graduates enter medical, law, and divinity school, graduate schools of education, engineering, and business, graduate schools of arts and sciences. Though the major the student selects is often specifically aimed toward graduate study, it does not have to be. Most pre-medical students elect to major in chemistry or biology; most pre-legal students in history, government, or economics; most pre-engineering students in mathematics or physics; most pre-theological students in philosophy or religion. And yet it is quite possible for students majoring in such subjects as classics, English, or history to go to medical schools, provided, of course, that pre-medical requirements are met and a scientific aptitude is evident; and for students majoring in such fields as mathematics or French to go to law schools. Through a carefully planned system of academic advising the student is assisted in the selection of the program best suited to his talents and his future aspirations.

The Academic Program

DIVISIONS OF INSTRUCTION

The subjects in the curriculum are classified in five divisions. In the *Division of Humanities* are classics, English, art, music, and modern foreign languages. The *Division of Social Sciences* includes business administration, economics, sociology, education, psychology, history, government, philosophy and religion. In the *Division of Natural Sciences* are biology, chemistry, geology, mathematics, physics and astronomy. The *Division of Physical Education and Athletics*, besides offering courses, administers the intercollegiate athletic program and intramural sports. The *Division of Air Science* administers the program for students in the Air Force Reserve Officers' Training Corps.

Certain interdepartmental courses take content and staff from more than one department, sometimes from more than one division.

THE STUDENT'S PROGRAM

In each of his eight semesters at Colby the student takes five subjects, to which he adds physical education in his first two years. To assure distribution among the several divisions mentioned above, every freshman must take English composition, a foreign language (unless covered by an achievement examination), and mathematics or a science. A social science is usual as the fourth course; the fifth is a free elective or, for prospective science majors, a second science course.

In the sophomore year the requirements include a course in English and American literature; other subjects usually taken include a foreign language—unless that requirement has been previously met; science or mathematics, a second social science, and another elective. One of the subjects must be in the field in which the student expects to major.

Each freshman is assigned to a member of the faculty who advises him during the first year; at the end of that year he is assigned a new adviser from the department in which he has elected to major.

Prospective students frequently ask what subjects they will

study — especially in the freshman year. It would be misleading to present any specific pattern of courses for either of the first two years, for, though certain requirements must be fulfilled, the programs of individual students differ. The student preparing for a scientific career or the study of medicine will begin taking the scientific subjects at once. Those interested in other areas of study have a wider choice of subject matter. Whenever any choice is to be made, the student should discuss this matter, in terms of his individual needs, with his adviser. All students must note carefully the requirements for the major in which they are interested.

To emphasize the fixed requirements, however, general programs for the freshman and sophomore years are outlined below. To understand why certain items appear in these programs, the reader should consult the *graduation requirements* on page 16.

FRESHMAN YEAR English composition
 Foreign language, unless requirement already met
 A course in science or mathematics¹
 A course in social sciences or humanities
 Elective (air science is available for men)
 Physical education (without academic credit)

SOPHOMORE YEAR Survey of literature
 Foreign language, unless requirement is met
 A course in science or mathematics
 A course in social sciences or humanities
 Elective (air science is available for men)
 Physical education (without academic credit)

¹ Prospective majors in departments requiring mathematics usually elect mathematics in the freshman year. Prospective majors in biology, chemistry, geology, or physics take both mathematics and a science.

GRADUATION
REQUIREMENTS

To qualify for the degree of bachelor of arts a candidate must meet specifications in quantity, quality, distribution and concentration (see *major* on page 19). He must also participate satisfactorily in the January Program.

QUANTITY Forty semester courses or their equivalent in year courses.

QUALITY A total of 72 points obtained in 40 semester courses. For each semester course a mark of *A* entitles the student to four points, a mark of *B* to three points, a mark of *C* to two points, and a mark of *D* to one point. No points are given for marks below *D*.

DISTRIBUTION
REQUIREMENTS

I ALL COLLEGE REQUIREMENTS:

A. *English Composition and Literature*: 4 semesters (3 for those who show suitable proficiency).

This requirement will be met by English 121, 221, and 222. Students for whom 4 terms are required take English 122. (See note on remedial English, p. 69.)

B. *Foreign Language*: A basic knowledge of one ancient or modern foreign language. This requirement may be met in one of four ways:

(1) Giving evidence of satisfactory achievement in a foreign language taught at Colby by (a) attaining before entrance a sufficiently high score in the College Entrance Examination Board foreign language achievement test, or (b) passing an achievement examination testing ability to read the language proficiently.

(2) Successful completion of any year-course numbered above 101, 102 in an ancient or modern foreign language offered at Colby College, beginning in freshman year and pursued in sequence until the requirement is fulfilled.

(3) A transfer student who has studied a foreign language not taught at Colby has fulfilled the foreign language requirement if he has completed at an accredited institution the equivalent of two years of that language at the college level with marks high enough to make the work acceptable toward the Colby degree.

(See note on p. 32 regarding election of language courses.)

(4) For a foreign student whose native language is not English, knowledge of his native language will be recognized as fulfillment of the language requirement, subject to the approval of, and possible testing by, the department of modern foreign languages.

II AREA REQUIREMENTS:

A. *Four* semester courses in each of the areas (described below) into which the student's major does not fall.

(1) Not more than two semester courses in any one subject may be counted toward the requirement in any one area. Combined subjects listed in the areas in III below (such as philosophy and religion) are here considered to be one subject.

(2) Among the social sciences no more than two semester courses at the 100-level may be counted toward the requirement.

(3) Among the sciences at least two of the semester courses must involve laboratory, and the four must be chosen from no more than three subjects.

(4) English 222, required for all students, counts as one semester course toward the humanities requirement.

(5) Students enrolled in combined majors which overlap two areas (for example: philosophy-mathematics) must satisfy area requirements in all three areas: humanities, sciences, and social sciences.

B. Students admitted to the course in creative thinking and who pass it with a grade of *B* or better may be exempted from any two terms of any area requirement.

C. Courses in air science which have alternate designations in other departments (as indicated in air science course descriptions) fulfill the same area requirements as the designated courses.

III AREAS:

(1) HUMANITIES

Art

Music

Classics

English (except for 121, 122, 221, and Speech)

Modern Languages (except 101, 102, 103, 104 courses)
 Philosophy and Religion (certain courses, including
 Religion 213-214; 314, 315; Philosophy 372; Phil-
 osophy 314, 318, and courses designated as *Indian
 Thought*)

(2) SCIENCES

Biology
 Chemistry
 Geology
 Mathematics
 Physics and Astronomy

(3) SOCIAL SCIENCES

Business Administration
 Economics
 Education
 Government
 History
 Philosophy and Religion (except courses listed among
 the humanities)
 Psychology
 Social Science 121, 122
 Sociology

RESIDENCE Candidates for the degree must have completed twenty semester courses at Colby, and must have been resident students at Colby for at least two years. One of these must be the senior year.

EXEMPTION BY EXAMINATION When appropriate, either fixed or distributive requirements, as well as certain requirements for the major, may be absolved by examination without course enrollment, at the discretion of the department concerned.

OPTION FOR CERTAIN STUDENTS A student returning to college after an absence must meet any new requirements for graduation if he still needs more than one-half of the total number of course credits required for graduation. If he still needs not more than one-half of the total number he may meet either the new requirement or that in effect when he first enrolled.

MAJOR

Near the end of the freshman year each student elects a tentative major, a field of study in which he wishes to concentrate. The major may be chosen in a single subject or in one of a number of designated combinations. At the end of the sophomore year the student confirms the tentative major as permanent or elects a different one.

The respective academic departments specify the courses constituting a major in each department. Before selecting a major the student should acquaint himself thoroughly with the requirements detailed in the section on *Divisions, Departments, and Courses of Study* (page 67 ff).

Three-fifths of a student's program in the junior and senior years may be determined by his major department, but need not consist wholly of courses offered by that department.

Any student whose cumulative points in courses completed toward the major fall below a certain scale is not permitted to continue with that major. The required scale is as follows: first two semester courses, 3 points; 2 points for each semester course thereafter.

Each department designates the courses to which the point-scale applies for a major in that department. A student below the point-scale may, with the consent of the department concerned, be accepted or retained for one semester as a probationary major.

A student may change his major at the end of the junior year if he has completed, with the required points, the equivalent of two year courses toward the fulfillment of the new major. If, at the end of his junior year, a student finds no department in which he can be accepted as a major, he cannot continue in college. If, in the senior year, the cumulative points in courses completed toward the major fall below the required number, the major requirement is not fulfilled and the degree cannot be awarded.

COMBINED MAJORS

A combined major in two subjects consists of a minimum of three year courses or their equivalent in semester courses in each of the two subjects. A combined major in more than two subjects consists of a minimum of eight year

courses or their equivalent in semester courses, at least three of them being in one subject.

The following combined majors are offered:

American Civilization	Geology-Chemistry
Classics-English	Philosophy-Mathematics
Classics-Philosophy	Philosophy-Religion

COMPREHENSIVE
EXAMINATION IN MAJOR

Each senior takes a comprehensive examination in his major field toward the end of the final semester. The length of the examination is at least six hours. Part of this may, at the discretion of the department, be oral. The examination is graded honors, pass or fail. Students who fail may retake the examination in the fall, after September 1, or at the time of the comprehensive examinations the following year. The examination must be passed before the degree can be conferred. Students who expect to complete graduation requirements at mid-year may take the comprehensive examinations at an agreed time in January.

READING PERIOD

During the two weeks preceding the final examinations at the close of the second semester a special reading period is scheduled for many courses numbered in the 300's and 400's. This is not a review period, but is intended to free the student from routine class meetings so that he may devote full time to independent study of freshly assigned reading or laboratory work. Classes do not meet but instructors are available for consultation.

Observance of such a reading period is at the discretion of the instructor, who informs students whether classes are to continue meeting during these two weeks.

Reading periods are not held in courses exempted from the holding of a final examination. Reading period assignments are tested in the final examinations to a maximum of one third of the examination time.

JANUARY PROGRAM OF
INDEPENDENT STUDY

In the academic year 1961-62 Colby introduced an educational experiment with its *January Program of Independent Study*. The work of the first semester takes place entirely between Labor Day and the beginning of Christmas vacation, and January is devoted to work distinct from the formal course of study of the first and second semesters.

In the freshman and sophomore years several programs are offered. The methods of conducting these programs differ from instructor to instructor, but each student works on a single project or problem, under the guidance of a single instructor, throughout the period. Free from the conflicting demands of the usual five course schedule, he may pursue his thoughts and researches single-mindedly, or at least with a minimum of interference. Every attempt is made to assign students according to their preferences among the topics or problems available.

The January Program for juniors and seniors is in the hands of the students' major departments but emphasis remains on the basic unity of each student's own program during the entire month.

This is, in effect, not one experiment but many. Individual departments and instructors have a free hand to explore types of programs and methods of presentation. The four-year trial period should give sufficient time to identify and intensify the best features.

Work carried out in January is graded honors, pass or fail. Each student must participate successfully in the January Program to be eligible for graduation.

SENIOR SCHOLARS

A limited number of Senior Scholars, selected by a faculty committee, devote a major part of their time to approved scholarly subjects. Each Senior Scholar pursues this work under the guidance of a faculty member, and to allow sufficient time for it he or she may be excused from either two or three of the usual number of five courses as the committee shall determine.

JUNIOR YEAR ABROAD

Permission to study abroad during the junior year, either under such programs as those of Sweet Briar, Hamilton and Smith Colleges or under an independent plan, rests with the committee on foreign students and foreign study. Students must apply, on forms provided by the committee, before or immediately after the mid-year examination period of their sophomore year, and only after having arranged details of their plan with their major advisers.

Committee approval presupposes an academic record for the first three semesters high enough to give promise that the student will complete his program of foreign study with credit to himself and to the college.

STUDENT EXCHANGE PROGRAM

A student exchange program was begun in 1960-61 between Colby College and Fisk University. Each student pays regular tuition and board and room charges at his home college, though residing and studying in the other institution. The only major added expense is for travel. Ordinarily exchanges are arranged for a single semester of the junior year. Students may obtain further information from the dean of men or the dean of women.

REGISTRATION

Students must register on assigned days at the beginning of each semester and at any other time of original entrance. A fine of five dollars for each day of delay is charged on the student's semester bill for registration later than the date specified.

Normally no student will be permitted to register later than the seventh class day of the semester. Registration later than this deadline may be permitted only if the dean of men or the dean of women certifies in writing that exceptional circumstances justify it.

Before registration for any year a student must secure from the treasurer's office a receipt for the tuition fee and any other required advance payments, and he must present that receipt at the registrar's office.

The treasurer is not authorized to permit deferred payment of any fees that the board of trustees requires to be paid in advance of registration. It is important that students understand the distinction between payment of fees and registration. Each student must complete the financial procedures as specified by the treasurer, before he can register at the registrar's office.

ELECTION OF COURSES

Each spring, with the approval of their advisers, all students except seniors elect programs of study for the ensuing year; these elections, with approved revisions, are confirmed during the fall registration period. A student's academic program must bear his adviser's approval and be properly filed with the registrar, since credit will be suspended for work in a course for which a student is not correctly registered. A continuing student registering in the fall is fined two dollars per course if he fails to make spring election.

With the approval of the adviser, voluntary changes in a student's program may be made during the first five class days of a semester, the first day of classes being considered the first day of the semester. A fee of two dollars is charged on the semester bill for each such voluntary change. After the fifth day no students are permitted voluntarily to change from one course or section to another.

Changes of section, within a course, must be approved by the department or course chairman.

With the consent of his adviser, a student whose over-all average in all courses taken in the previous semester is at least nine points in five courses may elect one, but only one, course in excess of the usual five. The only exception is that a student who, by this rule, would not be eligible, but who must have the extra course to complete his degree requirements, may elect a sixth course in one semester of his senior year, but not in both semesters.

AUDITING COURSES

Colby students may audit courses for which they are not registered by obtaining consent of the instructor and their adviser. They are not charged an auditing fee.

Adults who are not students of the college may audit courses at a fee of five dollars each semester for each course, provided they obtain the consent of the instructor and of the dean of the faculty. Members of the college staff and their families may audit courses without charge. Permission to audit will be withheld if the class is already too large and if auditing applications for it are numerous.

An auditor is not permitted to submit papers or perform any other function for which course credit is usually given. For this reason, auditing is seldom permitted in courses where the method of instruction involves significant individual attention and criticism. Under no circumstances can academic credit be given an auditor, nor can he later convert an audited course into an accredited course merely by paying the regular course fee. The decision whether the course is to be audited or taken for credit must be made at entry.

EXAMINATIONS

At the close of each semester a period of days is set aside for examinations in all courses except those which the committee on examinations has specifically exempted. The time and place of semester examinations are fixed by the registrar. The mark for the examination may constitute up to half of the total course mark.

No student may be excused from any semester examination, except for illness or emergency so grave as to justify excuse in the judgment of the dean of men or dean of women. An excused student may be examined at a later date convenient to the instructor. Under no circumstances may a student be permitted to take a semester examination earlier than the date on which it is scheduled. A student is entitled to only one semester examination in any course; failed examinations cannot be repeated.

With the consent of the dean of men or dean of women a student may for unusual reason accept, in lieu of semester examination, a mark for the course equal to 75 per cent of his average without examination. This procedure is costly in reduction of final mark and few students request it.

Hour examinations and shorter quizzes are given as the individual instructor wishes. Short quizzes may be given without notice, but each instructor is expected to give one week's notice of any hour examination.

Dishonesty in an examination is a serious offense. The instructor may dismiss the offender from the course with a mark of zero or refer the case to the dean of men or the dean of women for more drastic action.

ACADEMIC STANDING

A student's class standing is determined by the number of semester courses he has passed. Freshman standing, fewer than eight semester courses; sophomore, from eight to seventeen; junior, from eighteen to twenty-seven; senior, more than twenty-seven.

At the end of the first half of each semester the faculty issues mid-semester warnings through the registrar's office. A major warning means that a student's standing at that time is below passing; a minor warning that, though passing, standing is so low that failure of the course is likely.

Official marks in letter grades of *A*, *B*, *C*, *D*, *E*, *F* are issued to students at the end of the first semester; at the end of the second semester marks are mailed to students' homes by the registrar. In practice a student often obtains his mark directly from the instructor, but the only official record is that in the registrar's office. At the time of mid-semester warnings the deans of men and women ask instructors for an informal estimate of the standing of freshmen in order to review their progress. Mid-semester statements are not official marks and are not recorded.

In a course designated as a year course, the tentative mark, showing progress at the end of the first semester, carries no credit toward graduation. For such year courses

no credit is given until the completion of the full year's work. A student who has failed a year course may not secure credit for it by repeating merely the second semester of the course even if his tentative mark at the end of the first semester is passing; he must repeat the entire year to obtain credit.

A mark below *D*, except in courses referred to in the next paragraph, indicates that a course has been failed and that credit thus lost must be made up by an additional course taken in a subsequent semester. If the failed course is specifically required for graduation, it must be repeated.

A mark of *E* is given only in specifically designated first semester courses. The mark *E* signifies temporary failure which may be made up by improved work in the sequentially related course during the second semester. Passing the second semester in such a course entitles the student to a change of the first semester mark from an *E* to a passing mark, as determined by the department concerned.

A mark of *Abs.* indicates that a student has been absent from final examinations. A mark of *Inc.* indicates a course not finished for some reason other than failure to take the final examinations. Grades of *Abs.* or *Inc.* must be made up within limits set by the instructor, and not later than the seventh class day of the succeeding semester. After this date any remaining mark of *Abs.* or *Inc.* will be changed to an *F*. The student deans may give limited extensions for the completion of work without penalty, but only for such excuses as would be acceptable for missing a final examination.

A mark of *Cr.* indicates that a student has been awarded credit but no specific mark for a course.

Marks of *W* and *W/F* indicate withdrawal from course. During a semester a student may withdraw from a course and receive a mark of *W* (withdrawal from course) provided both his adviser and dean consent. If the adviser and dean consent to the withdrawal but agree, after consultation with the instructor, that the course must be considered to have been taken and failed, the mark shall be

W/F. For abandoning a course without permission the student shall receive an *F*.

A course dropped after receipt of a major mid-semester warning, or within thirty calendar days before the last class, shall necessitate a mark of *F* instead of *W/F*.

The letter *R* is used together with an appropriate mark when a student has repeated a course, and in such a case there can be no additional credit in terms of semester courses.

When a student's academic record is seriously deficient, the decision to retain or dismiss him from college is made by the committee on standing. The faculty has endowed this committee with full power to deal with these matters.

WITHDRAWAL

Voluntary withdrawal from the college may be effected officially by filing with the registrar a *notice of withdrawal* properly approved by the treasurer and the dean; the official form may be obtained from the dean. The date on the official *notice of withdrawal* is the basis for computing any refunds which may be due. A student who leaves the college and neglects to effect official withdrawal until later cannot collect a refund for the elapsed interval.

TRANSFERRED CREDITS

Courses taken at other institutions may be credited toward the Colby degree under the conditions and circumstances listed below. Two quality points are credited toward the graduation requirement for each semester course thus accepted.

- (1) When students are admitted by transfer their records are tentatively evaluated by the dean of admissions to determine the transferable equivalent in Colby courses. These courses are credited subject to confirmation through satisfactory progress at Colby College.
- (2) With prior permission, granted by the dean of men or dean of women on their receipt of appropriate recommendations from academic advisers, students enrolled in the college may receive

credit for work in Junior Year Abroad programs, in the Fisk Exchange semester, or in approved summer school courses. No student may receive credit toward graduation for more than four semester courses taken in summer school for the purpose of making up deficiencies.

(3) When a student who has been dropped from the college applies for readmission, courses taken during the period of separation are examined for transferable credit on the same basis as courses presented by new transfer students.

SELECTIVE SERVICE
EXAMINATION

The selective service system uses these examinations to help determine whether the student will obtain permission to remain in college. Examinations are given at the college on dates fixed by selective service; the dean of men is the officer in charge.

The Library

Because the liberal arts college is a reading college, the library must play an integral part in the academic program. The Miller Library, which is centrally located on the campus, furnishes the facilities and materials necessary for reference, research and independent study. Its reading rooms and individual carrels provide ideal working conditions for more than one-third of the student enrollment.

The open stack system allows the students to browse through a book collection of over 210,000 volumes. A periodical collection consisting of over 600 current journals is supplemented by the publications of the United States Government and the United Nations.

Special collections of first editions and manuscripts in the Colby Library have achieved international distinction. The Thomas Hardy collection is considered to be one of the most extensive in the United States. Other authors represented include A. E. Housman, Sarah Orne Jewett, Kenneth Roberts, Henry James, Willa Cather and Mary Ellen Chase. These are housed in the Edwin Arlington Robinson Treasure Room, named in honor of the great Maine poet, whose books, manuscripts and personal papers are also located here. The James A. Healy collection of modern Irish literature includes numerous inscribed copies, manuscripts and autographed letters of William Butler Yeats, Sean O'Casey, James Joyce and many others.

The Colby Library Associates is an organization of friends of the library which holds regular meetings with programs devoted to literary topics. Membership dues are used to purchase unusually expensive books and materials for the library.

THE COLBY LIBRARY QUARTERLY, established in 1943, publishes informational reports and scholarly articles on the collections and other literary-historical matters.

Admission

Acceptance of candidates follows a selective process. The academic record of an applicant, the degree to which he has demonstrated intellectual curiosity, and evidence of his motivation are of primary significance; also important are his health, character, and personality. Colby is interested in candidates of academic ability who have demonstrated interest and participation beyond the routine scope of their studies. The admissions policy does not include consideration of an applicant's race, religion, or national origin.

The quality of a candidate's preparation is judged by his school record, the recommendations of his school authorities, and scores on tests administered by the College Entrance Examination Board.

Sixteen units are required: English (4); foreign language (2); college preparatory mathematics (3); history or social studies (1); science (laboratory) (1); elective (5).

COLLEGE BOARD TESTS

All candidates are required to submit the results of the *Scholastic Aptitude Test* and three *Achievement Tests* of the College Entrance Examination Board. The *Scholastic Aptitude Test* should be taken in December or January of the senior year. The *Achievement Tests*, which should include *English Composition* and two others of the candidate's choice, should be taken no later than January of the senior year. The *Writing Sample* is not required. Applicants are strongly encouraged to take an *Achievement Test*, including *listening comprehension* (if available), in the foreign language in which they expect to continue at Colby.

The CEEB tests are given at centers in the United States and foreign countries. Application for tests may be made to the College Entrance Examination Board, P.O. BOX 592, Princeton, N. J., or P.O. BOX 27896, Los Angeles 27, California.

ADVANCED STANDING

Colby subscribes to the program of the College Entrance Examination Board providing academic credit for students qualified for advanced standing. Those interested must take CEEB *Advanced Placement Tests* and have them submitted to Colby College for evaluation.

ADMISSION PROCEDURE

1. Application is made to the dean of admissions. A non-refundable \$10 fee is required and a check or money order in this amount should be returned with the application.
2. Colby will grant *early decision* to well-qualified candidates under certain circumstances. These involve submission of regular application papers and junior SAT's prior to December 1 of the senior year; inclusion of a statement at the time of application that Colby College is the student's first choice, that *early decision* is requested and other applications will be withdrawn if *early decision* acceptance is granted; counter signature on the letter by guidance counselor, principal or headmaster. Candidates who are accepted are expected to complete senior SAT and achievement requirements, and are notified of financial aid decisions at the same time they receive notification of acceptance if the College Scholarship Service forms have been received.

Candidates accepted for *early decision*, like other accepted candidates, must maintain satisfactory grades throughout the senior year.

3. Interviews are not normally required and are not a part of the selective process. Applicants who have not visited the campus are encouraged to do so, and campus guides are available week days and on Saturday mornings when the college is in session. Opportunity to meet with representatives of the admission office is available (generally in a small group) except during February, March, and the first two weeks of April. Individual appointments will be made upon request, except during

the period noted above, and these should be scheduled well in advance. The college will arrange interviews with alumni for applicants living some distance from Waterville (see page 169).

4. The schedule for admission applicants is as follows:

December 1 — deadline for filing for *early decision* and for financial aid for *early decision* applicants.

January 15 — notification date for *early decision* applicants.

February 1 — deadline for filing applications for regular admission and for financial aid.

Mid-April — notification by admissions committee to regular applicants.

May 3 — regularly accepted applicants must confirm intention to attend Colby by payment of a non-refundable advance tuition deposit of \$50.

PLACEMENT IN
FOREIGN LANGUAGES

If a student offers a foreign language for entrance credit and wishes to continue it in college he must take a placement test. If he presents two or more units of the language for entrance credit, continuation must be in a course numbered above the 101, 102 level. Should his placement test or his performance show him unqualified for this level he must repeat the language at the elementary level without credit or elect a different language.

An exception is made for students of Latin. Those with not more than two years of the language, all completed prior to the last two years of secondary school may, with the approval of the department chairman, take elementary college Latin for credit.

PLACEMENT IN
MATHEMATICS

Students who have taken analytic geometry in secondary school may, upon passing the placement examination in mathematics offered during the freshman orientation period, enter Mathematics 112d without other prerequisite.

TRANSFER STUDENTS/
VETERANS

Admission by transfer from another college is limited to a few selected students with satisfactory academic and personal records.

The prospective transfer student should write to the dean of admissions, Colby College, stating his reasons for applying. A regular application form will be sent to be completed and returned with the \$10 application fee. The student should ask his former college to send the dean an official transcript of grades, a copy of the college catalog, and a letter from his dean recommending the transfer.

Transfer students should also ask the College Entrance Examination Board to transmit results of any tests to the Colby dean. *Scholastic Aptitude Test* scores are required for all transfer students.

If a veteran intends to request advanced standing based on completion of service schools or USAFI courses, any request for such credit must be made in advance of matriculation. Credits usually apply only to freshman courses. Once a veteran has begun a regular program it is too late to apply for service credits.

SPECIAL STUDENTS

Subject to limitation of enrollment in individual courses and the consent of the instructors, the college permits adults to enroll as special students to take not more than three courses. Such persons must present evidence that they are qualified to pursue the intended courses and must pay the regular per-course tuition fee. They are not required to pay the student activities fee. Admission of special students is the responsibility of the respective deans' offices.

READING TESTS

Tests administered to all new students during orientation week determine levels of speed and comprehension in reading. Those whose ability is deficient are offered assistance in a developmental reading program.

ORIENTATION
FOR FRESHMEN

Freshmen arrive at the college early to participate in an orientation program during which meetings are arranged with advisers, officials of the college, and representatives of student groups. Tests are given to determine placement in languages and in mathematics and to measure simple speed and comprehension in reading.

Social events are interspersed, and a faculty symposium on the topic of the freshman summer reading program initiates the intellectual life of the fall semester.

Fees and Financial Aid

ANNUAL STUDENT CHARGES
FOR 1965-1966

Tuition	\$1,750
Room	350
Board	550
General Fee ¹	100
	<hr/>
	\$2,750

CALENDAR OF PAYMENTS
1965-1966

	<i>Upon filing of application</i>	Application deposit	\$ 10
	<i>Upon acceptance for admission August 1</i>	Admission deposit—freshmen ²	50
		Tuition deposit—upperclassmen ²	200
FIRST SEMESTER	<i>On or before September 1</i>	Tuition	\$ 875
		Room	175
		Board	275
		General Fee ¹	100
			<hr/>
			\$1,425
	<i>December 1</i>	Semester bill and miscellaneous items (see page 38)	
SECOND SEMESTER	<i>On or before January 20</i>	Tuition	\$ 875
		Room	175
		Board	275
			<hr/>
			\$1,325
	<i>April 1</i>	Semester bill and miscellaneous items (see page 38)	
	<i>April 15</i>	Room deposit for following year	\$50

¹ Includes sickness and accident insurance and student activities fee.

² Applicable toward tuition payment.

FEES AND CHARGES
EXPLAINED

No formal bills are issued for the following items:

DEPOSITS *Application deposit:* a non-refundable application fee of \$10 must accompany each application for admission to Colby.

Admission deposit: non-refundable deposit of \$50 due on or before acceptance date. (See page 32.) This deposit is later credited toward tuition due prior to registration.

Tuition deposit: non-refundable deposit of \$200 required of all upperclass students on or before August 1 each year. Room reservations and places in their respective classes will not be held for students failing to make this deposit. For entering students the \$50 admission deposit covers this item.

Room deposit: all upperclass students must, in order to reserve a room for the following college year, make a \$50 deposit on or before April 15. This deposit is later credited toward room charge or refunded if request for room reservation is withdrawn before August 1.

ADVANCED PAYMENTS

Tuition: the tuition charge is \$875 per semester for a five course program. The semester per course charge is \$175. Tuition must be paid prior to registration for each semester.

Room: room in college dormitories is charged at the rate of \$175 each semester payable prior to registration for each semester. Students are expected to occupy college housing facilities to the full extent of their availability. Other arrangements may be made only with the specific approval of the dean of men or the dean of women. Dormitory reservations are made through the offices of the deans.

Board: Board in college dining halls is charged at the rate of \$275 per semester payable prior to registration for each semester. Dining halls are maintained in Roberts Union and in the women's dormitories. All resident women and resident freshman men are required to board at the college. Upperclass men electing to board at the college must pay the board charge for an entire semester and may not discontinue boarding prior to the end of the term.

Health Service: The 32-bed Sherman M. Perry Infirmary in Roberts Union is maintained under direction of the college physician and staffed by registered nurses. Free service in the infirmary is restricted to two weeks in any college year. Students are entitled without extra charge, however, to an unlimited number of visits to daily sick call at the dispensary. There is no additional charge for infirmary meals for students regularly boarding on campus except when special diets are required.

Students are charged three dollars per day for infirmary care beyond the two-week free period. Infirmary meals are three dollars per day for non-boarding students.

The college limits its responsibility to illness occurring during the academic year. The college health service does not provide laboratory procedures, prescriptions, glasses, dentistry, or specialized diagnostic techniques. Students, or their parents, are free to select their own physicians or hospitals but, in such cases, the college health service does not assume responsibility for the fees. Surgeons and other specialists are available at nearby Thayer Hospital.

Accident and Sickness Insurance: all students must be insured in the student accident and sickness insurance plan unless they have comparable coverage elsewhere. Students seeking exemption from this compulsory coverage must make written application for waiver at the office of the treasurer prior to the opening of college. The premium for twelve months must be paid in advance of first semester registration and is included in a general fee of \$100. Details of the insurance plan are mailed to all parents during the summer.

Activities Fee: at the request of the students themselves a student activities fee is collected annually. This fee finances various student activities, and is payable prior to first semester registration except for students in attendance for the second semester only who are assessed proportionately. This fee is compulsory with no items deductible. Student organizations supported and the amount may vary from year to year; the fee is included in the general fee of \$100.

SEMESTER BILL Charges for miscellaneous items not due prior to registration are included on semester bills due December 1 and April 1. Included are charges for extra courses, use of electrical appliances, chemistry breakage fee, dormitory damage deposit, fraternity room charge differential, ROTC deposit, etc. The semester bill also itemizes all previous semester charges and credits, thereby providing a complete record of the student's account for the entire semester.

MISCELLANEOUS The fee for extra courses beyond the normal load of five is \$175 per semester course.

For the use of electrical facilities beyond those installed in dormitory rooms extra charges are made in accordance with rates established by the superintendent of buildings.

In chemistry courses, students are required to pay for all apparatus broken or lost. A chemistry breakage fee of \$20 per course is charged on the first semester bill and any unused balance is refunded at the end of the year.

All men students living in college dormitories must pay a \$10 deposit which will be included on the first semester bill. All expenses resulting from damage to or loss of college property in the dormitories will be charged against these deposits except in cases where the responsible students can be identified. The unused portion of these deposits is refunded on a pro-rated basis at the end of the year.

Men students residing in fraternity houses are charged a differential in excess of the charge by the college for dormitory rent. The amount of differential is determined by each fraternity but is normally \$10 per semester and is charged on the semester bill.

Deposit of \$15 is required of all men students enrolled in the Air Force ROTC program. This deposit is charged on the first semester bill and is refundable at the end of each year upon surrender of all AFROTC equipment.

A charge of one dollar is made, payable at registration, for an identification card which is used for admission to athletic and other events.

All students, other than transfer and accelerating students, are required to have paid to the college the equivalent of eight semesters full tuition before being granted a degree.

Students may have official transcripts mailed to other institutions, prospective employers, or other authorized agencies by completing the *Transcript Request Form* available at the Registrar's Office. The fee for this service is one dollar for each transcript after the first. Official college transcripts are not delivered to students. A student may have an unofficial transcript upon request in the usual manner. The same regulations and fee apply.

PAYMENT OF BILLS

Tuition, room, board, insurance and activities fee must be paid in full before a student is permitted to register or attend classes. The treasurer cannot permit deferred payment of any portion of the charges due prior to registration, but may, at his discretion, grant partial extension for a brief period on the semester bill.

A plan providing for monthly payments at moderate cost is available through the Insured Tuition Payment Plan, 38 Newbury Street, Boston 16, Massachusetts.

Regulations affecting the payment of college bills are established by the board of trustees, and the college treasurer is charged with the duty of enforcing these regulations impartially. Unless payment is made in accordance with the treasurer's specific understanding with the individual student, the regulations require that the student be excluded from classes until payment is made and that a \$2 fine be imposed for failure to arrange with the treasurer, prior to the due date, for a plan of payment. Students excluded from classes under this rule for longer than ten class days will be suspended from college for the remainder of the semester.

Concerning college bills, students and parents must deal directly with the treasurer, as no other officer of the college has authority over their collection.

REFUNDS

To students drafted into the armed services before the end of a semester, a pro-rata refund of tuition, board, room and fees will be made.

To all other students, in case of voluntary withdrawal, refund may be made of the balance of a student's account in excess of charges. Tuition and room rent is charged according to the following schedule:

During first two weeks of classes . . .	20% charged
During third week of classes	40% charged
During fourth week of classes	60% charged
During fifth week of classes	80% charged
Thereafter	100% charged

Board is charged at the rate of \$15.50 per full or partial week. No reduction is made for periods shorter than a full week.

Whenever a student is required to withdraw because of unsatisfactory conduct or scholarship, no refund will be made other than for board.

FINANCIAL AID

Colby is proud of the number of students with limited financial resources who have been assisted in acquiring a college education; among past scholarship recipients are many distinguished alumni.

Financial aid in excess of \$500,000 is distributed annually in scholarships, Woodman Grants, employment, and loans. The amount in the first two categories represents the income from invested funds provided throughout Colby's history by alumni, friends, foundations and organizations. Scholarships are the basis for financial assistance, but cannot be expected to meet the full cost of a college education. Many supplement them with loans. Those who hold scholarships in excess of \$800 are expected to accept employment at the college. In all cases, the amount of assistance depends on financial need.

FRESHMAN SCHOLARSHIPS Approximately sixty scholarships are awarded annually to freshmen whose records indicate ability and a willingness to exert honest efforts to advance their own education.

Application should be made on forms provided by the College Scholarship Service and mailed to P.O. BOX 176, Princeton, New Jersey. The College Scholarship Service is a clearing house for reviewing financial statements presented by parents in support of applications for scholarship aid. Its forms are available at all secondary schools.

UPPERCLASS SCHOLARSHIPS Scholarships are awarded on a yearly basis but may be renewed upon written request supported by satisfactory academic achievement and continued financial need. Requests for renewal must be made each year to the dean of men or dean of women on or before April 15.

LOANS Colby, with a majority of institutions of higher learning, believes one of the best ways of meeting the costs of higher education is through increased use of student loans. A fund for this purpose is administered by the college. Student loans are also available under terms of Title II of the National Defense Education Act. Information may be obtained from the office of the administrative vice-president.

RESTRICTED SCHOLARSHIPS *Sons and Daughters of Baptist Ministers:* In recognition of Colby's historical affiliation with the Baptist denomination, it is a custom to grant remission of half tuition to sons or daughters of ordained Baptist ministers who qualify on the basis of need and academic achievement.

Kling Scholarships: An endowment from the late Charles Potter Kling provides a number of scholarships annually which, by the terms of his will, are available to "needy male students of American Colonial or Revolutionary ancestry." Some of these amount to full tuition and may be continued until graduation if the holder maintains good citizenship and satisfactory scholastic standing. Applicants for Kling Scholarships should write to the director of admissions requesting a genealogical data form.

Other restricted scholarships: There are funds restricted to students who can meet special qualifications in addition to the usual entrance requirements: for example, those from particular areas, cities, or schools.

COLLEGE EMPLOYMENT

Employment consists of work in the dining halls, the library, the maintenance department, in several academic and administrative departments, the bookstore, the student unions, infirmary, and in miscellaneous assignments. In addition, there are opportunities to sell programs, act as guides and ushers, and to represent laundries, dry cleaning establishments and other agencies.

PLACEMENT

The director of placement maintains a personal file for each senior and arranges interviews with prospective employers. With the cooperation of the deans of men and women, the director also arranges for students to take various aptitude tests. The director of placement is available for consultation and guidance on occupational matters throughout the student's college career.

Student Life and Activities

RELIGION

Although Colby has for some time been independent of formal affiliation with any religious denomination, the college is proud of its Baptist heritage. With their insistence on religious liberty and the right of private conscience, the Baptist founders of Colby endowed it with Christian principles which still invigorate its program. The college has a full time chaplain.

There are no required religious services. It is a conviction at Colby that religious influence is best exerted by persuasion rather than by compulsion.

Each Sunday a worship service is held with the college choir and a sermon by the chaplain or a visiting theologian. One weekday devotional service and one vesper service are held each week, led by a member of the faculty or administration, by a visiting clergyman, or by a prominent layman.

The coordinating organization for the various religious groups is the Interfaith Association, in which Protestant, Roman Catholic, and Jewish students cooperate. Protestants conduct their activities through the Student Christian Association (United Protestant), Roger Williams Fellowship (Baptist), Student Religious Liberals (Unitarian-Universalist), Canterbury Club (Episcopal), and the Christian Science Organization. Roman Catholics have the Newman Club, and Jewish students have Hillel.

A notable event of the year is Religious Convocation when the Interfaith Association brings to the campus prominent religious leaders who live in the student houses. In 1964 Professor E. William Muehl of Yale University was the keynote speaker. Discussion groups were led by six ordained ministers, three of whom are graduates of the college.

Many Colby graduates have entered the ministry, and the list of missionaries is especially impressive. The missionary tablet in the Rose Memorial Chapel testifies to the participation of Colby men and women in home and foreign missions for nearly a century and a half.

LECTURES

Throughout the year, lectures and concerts bring outstanding scholars, musicians, and artists to the campus. There are three lecture series—the Guy P. Gannett, Gabrielson and Ingraham—in addition to speakers invited by the Friends of Art at Colby, by student organizations, and by learned societies. The Gannett Lectures are devoted to general scholarly subjects; the Gabrielson Lectures, on certain Thursdays in the second semester, are concerned with national and international topics; and the Ingraham Lectures are in philosophy and religion. There are also annual events: the Lovejoy Convocation, honoring prominent newspapermen (in 1964, John Hay Whitney, editor and publisher of *The New York Herald Tribune*); Recognition Assembly; and Religious Convocation.

Among lecturers in 1963-64 were: Vishwanath Naravane, Karl Nyren, Eilis Dillon, David Ogilvy, Brand Blanshard, Louis Lyons, Gerald Ford, James Meredith, Daniel Nagrin, Frederick C. Packard, Jr., Paul Linebarger, Myron Weiner, Hyman Kublin, Zbigniew Brzezinski, Benjamin Schwartz, John J. Pullen, William Meredith, Erwin R. Goodenough, David S. Blanchard, Matthew Welsh, I. P. Singh, Frank Church, Paul B. Sears, Sam Hunter, Robert A. Marden, and Joel Barromi. The Commencement speaker was Ambassador Adlai Stevenson.

MUSIC

Musical organizations which offer opportunities in serious vocal and instrumental music are the Colby Community Symphony Orchestra, the Glee Club, Concert Choir, and the Colby College Band. These are under faculty direction and carry academic credits (page 121). There are also informal groups for those interested in lighter vocal music: the Colby Eight (men), the Colbyettes (women), and the Colby Folk Song Society. Recitals are presented on the Walcker organ in Lorimer Chapel.

Concerts are given by Colby's own musical groups as well as visiting performers. The Colby Music Associates offer

an annual series which, in the past year, consisted of the New York Pro Musica, The Marlboro Trio, and pianist Sylvia Zaremba. Student Government brought guitarist Carlos Montoya, pianist Tong Il Han, and presented several students in recital.

In conjunction with Colby's Sesquicentennial Year, Paul Lavalley conducted the All New England Intercollegiate Band in concert and in another program the glee club, symphony orchestra, and the Waterville Area Community Chorus were heard in the *Grand Mass in C Minor*, K. 427, by Mozart. In 1964, *A German Requiem* by Brahms was presented.

ART

The Bixler Art and Music Center is the focal point for the college's art program. Continuous exhibitions featuring selections from the college's permanent collection as well as original and travelling shows are shown in the Jette Gallery. Special collections are the Harold T. Pulsifer Collection of Winslow Homer, the Bernat Collection of Oriental Ceramics and Bronzes, the Adelaide Pearson Collection, The American Heritage Collection, and the Helen Warren and Willard Howe Cummings Collection of American Art. The permanent collection features European and American painting, sculpture and graphic art.

The Friends of Art at Colby, organized in 1959, make substantial contributions to the overall art program throughout the year. The organization has been instrumental in gaining acquisitions for the permanent collection.

A three-fold program, documenting the role of Maine in American art, was developed under the sponsorship of the Friends of Art in observance of the college's sesquicentennial. An exhibition, *Maine and Its Artists, 1710-1963*, was shown May 1963 through March 1964 at the Colby College Art Museum, the Museum of Fine Arts in Boston and the Whitney Museum of American Art in New York City; a book, *Maine and Its Role in American Art*, was published by the Viking Press; and the Archives of Maine Art was established at Colby.

A sequel to the sesquicentennial exhibit — *Maine/100 Artists of the 20th Century* — was shown at the college during the summer of 1964, and an abbreviated version subsequently toured the nation under the sponsorship of the American Federation of Arts.

DRAMATICS

Powder and Wig, the dramatic society, has a distinguished record of productions under the supervision of the director of dramatics, who is a member of the English faculty. Students not only act in plays, but direct, build scenery and supervise staging and lighting. An original one act play contest is sponsored annually. The college offers, in alternate years, a credit course in *The Development of the Theatre*. The 1963-64 Powder and Wig repertoire included: *The Visit* (Duerrenmatt), *Happy Days* (Beckett), *The Maids* (Genet), *The Importance of Being Earnest* (Wilde), and *The Hostage* (Behan).

SPEECH AND DEBATE

A tradition of public speaking has resulted in the endowment of prizes for several speaking contests. These events, as well as debating, are supervised by the professors of speech in the department of English. Debating teams compete with other colleges and Colby is represented at various intercollegiate speech contests.

BOOK OF THE YEAR

A unique feature is Colby's Book of the Year. Each spring a committee of faculty and students selects a distinctive book for all to read. Reference is made to it in courses and in informal discussions which enable the student to see the book as it relates to many facets of knowledge and to evaluate it from different points of view.

Since the program was introduced in 1949, the selections have been: *Human Destiny* by Lecomte du Nouy; *The Mature Mind* by Harry Overstreet; *Policy for the West* by Barbara Ward; *Selected Plays* by George Bernard Shaw;

Who Speaks for Man by Norman Cousins; *Out of My Life and Thought* by Albert Schweitzer; *The Lonely Crowd* by David Riesman; *The Adventures of Don Quixote* by Cervantes; *The Shaping of the Modern Mind* by Crane Brinton; *Theory of the Leisure Class* by Thorstein Veblen; *Magic, Science and Religion* by Bronislaw Malinowski; *Civilization and its Discontents* by Sigmund Freud; *From Death-Camp to Existentialism* by Viktor Frankl, *Alice's Adventures in Wonderland* and *Through the Looking Glass* by Lewis Carroll, *Autobiography of Montaigne*, and *Notes of a Native Son* by James Baldwin.

FRATERNITIES AND SORORITIES

Colby recognizes the fraternity system as a cooperative feature of campus life. There are chapters of ten national fraternities and four national sororities. Seven of the fraternities occupy separate houses on the campus, controlled by prudential committees on which the fraternity alumni association, the local chapter, and the college are represented. A housemother is resident in each house. Members of the three fraternities whose houses are still to be built are quartered in dormitories. Women's sororities do not have houses, but each chapter has a room in Runnals Union.

The Colby fraternities in order of founding are: Delta Kappa Epsilon, Zeta Psi, Delta Upsilon, Phi Delta Theta, Alpha Tau Omega, Lambda Chi Alpha, Kappa Delta Rho, Tau Delta Phi, Pi Lambda Phi, and Alpha Delta Phi. The sororities are Sigma Kappa (founded at Colby), Chi Omega, Delta Alpha Upsilon (local, formerly Delta Delta Delta) and Alpha Delta Pi.

The board of trustees has voted that fraternities and sororities, prior to Commencement 1965, "must satisfy the board that they have the right to select their members without regard to race, religion or national origin." The societies must meet this requirement to remain active at Colby, either as national affiliates or local groups.

STUDENT ORGANIZATIONS

There are over fifty student organizations active on the campus. Some of these are oriented toward religious affiliation (page 43), others are educational in nature. Among the latter are the various foreign language clubs — French, Spanish, and German; the educational societies: Chi Epsilon Mu (chemistry), Delta Phi Alpha (German), Phi Sigma Iota (French) and Sigma Pi Sigma (physics); and the Forensic Society, John Marshall Society, Society of Social Relations, and the college publications: the weekly newspaper, *The Echo*; the yearbook, *The Oracle*; and literary publications: *Introductions* and *Anabasis*.

Service organizations include Blue Key, Cap and Gown, Campus Chest, Men's and Women's Judiciary Committees, Pan-Hellenic and Inter-Fraternity Councils, and the Women's Student League.

Among the remaining groups of primarily student character are the Arnold Air Society, Camera Club, Chess Club, Folk Song Society, Film Direction, Colby Graphic Arts Workshop, Modern Dance Club, and Ski Council.

Other societies and clubs are described in this section of the catalogue under their appropriate headings.

In addition, each class acts as an organization, with elected officials. Overseeing student activities is the Student Government, which plays an important and integral part in the life of the college.

GENERAL REGULATIONS

Rules respecting student residence, organizations, social activities and intercollegiate athletics are published in the *Student Government Handbook* and *Women's Handbook*. All students are held responsible for knowledge of these regulations as well as for those in the *Annual Catalogue*.

Colby College is concerned as much with the social habits and character of its students as with their academic standing. The college reserves the right to dismiss any student whose presence its officers believe to be detrimental to the general welfare.

ATTENDANCE 1. Students are expected to attend classes regularly, and are held responsible for all work done in any class from which they are absent. Each student is, however, permitted at least two unexcused absences from each course in any semester. The maximum number allowed, if beyond two, is determined by individual instructors. Each instructor explains at the first meeting of every semester what constitutes unsatisfactory attendance in his class. Any student whose attendance is unsatisfactory in the judgment of the instructor is warned by the dean. Flagrant repetitions may lead to dismissal from the course, without credit.

2. Official excuses for absence are granted only by the dean of men or the dean of women, and only for: (a) critical emergencies, (b) athletic or other organizational trips or (c) illness certified by the college physician or his authorized representative.

Medical excuses are issued only to students who fall within one of four classifications:

- (i) Those confined to the college infirmary or hospital because of illness or surgery.
- (ii) Students treated by the medical staff at the dispensary, infirmary, or hospital.
- (iii) Students visited by the college physician in dormitories or other places of residence.
- (iv) Women students excused by their head resident because of illness for no longer than a 24-hour period.

Medical excuses are not granted on a retroactive basis unless one of these classifications is satisfied.

3. Any student absent, without official excuse, from his last class meeting before a vacation or his first class meeting after a vacation is fined \$25. The word *vacation* is interpreted to mean the Thanksgiving recess, the spring recess, but not single holidays. This vacation cut rule also applies to absences from meetings scheduled during the first two days of the January Program.

4. Absences caused by exclusion from classes because of non-payment of college bills are treated in the same manner as other absences, except that the appropriate dean has the authority to issue an official excuse when convinced that no fault lies with the student.
5. No student on academic probation may be excused from any class because of extracurricular or athletic activities.

BEHAVIOR

Responsibility for behavior rests on the shoulders of the individual. This is true of all phases of campus life, including academic integrity, relationships between students, adherence to college regulations, and use of alcoholic beverages.

Colby College discourages the use of intoxicating beverages by its students. If the conduct of a student who has been drinking is questioned, he will be subject to expulsion.

The Maine State Law has provisions which make punishable by a fine of not more than \$50 any person under the age of 21 years who purchases intoxicating liquor or consumes it in any on-sale premises or who has liquor in his possession or whoever furnishes, gives or delivers liquor to a minor.

AUTOMOBILES

The use of automobiles at the college is not permitted to freshmen or sophomores nor to upperclassmen who are on academic probation or scholarship. All motor vehicles used at the college by students or staff must be registered at the office of the superintendent of buildings and grounds. Failure to register a vehicle, or failure to comply with the college's traffic regulations, may lead to a fine or other penalty.

MARRIED STUDENTS

A married woman student may enroll or remain in college if her residence is with her husband or parents. A woman student who wishes to continue living in her dormitory after being married must obtain permission from the dean of women.

Honors and Awards

The degree of Bachelor of Arts with honors is awarded in three grades: *summa cum laude* to those who obtain 155 points in 40 courses, or 150 points in 40 courses and honors in the comprehensive examination; *magna cum laude* to those with 145 points in 40 courses, or 140 points and honors in the comprehensive examination; *cum laude* to those with 135 points in 40 courses, or 130 points and honors in the comprehensive examination. A student who has more than 40 courses taken, or transferred for credit, at Colby must have additional points in proportion to the number of additional courses to achieve honors.

A second category of honors, entitled *distinction in the major*, is awarded to a student on the specific recommendation of the department. In order to be eligible for recommendation the student must have at least an average of 3.25 in courses taken in his major and must have received honors on the comprehensive examination. Fulfillment of these two requirements does not, however, automatically entitle a student to this category of honor. It is understood that the department will recommend *distinction in the major* only for those very few students who, in the opinion of the department, merit special recognition.

In American colleges it is generally considered that the highest honor an undergraduate can receive is election to Phi Beta Kappa. This nationally famous society, founded in 1776, restricts its chapters to leading colleges and universities, and it maintains very high scholastic standards. The Beta chapter of Maine was organized in 1895. Election to membership is based upon academic record at the end of seven semesters and on recommendations then made by instructors.

At Recognition Assembly, each spring, the entire college convenes to hear a guest speaker and to bestow awards on students who have earned honors. Among those recognized are: newly elected members of Phi Beta Kappa; Senior Scholars for the ensuing year; Bixler Scholars; winners of college prizes; the recipient of the Condon Medal; newly elected members of Blue Key and Cap and Gown, honor

societies for senior men and senior women respectively; and recipients of Phi Beta Kappa certificates, awarded to members of the three lower classes for distinction in scholarship.

Academic excellence is also recognized by the designation as Bixler Scholars of a few top-ranking students who have demonstrated fulfillment of outstanding scholarly ability.

Other honors recognizing high academic standing are the Dean's List, upon which appears the name of every student whose average of all marks in the previous semester has been at least sixteen points in five courses for upperclassmen, fifteen points for freshmen, and the Senior Scholars program (see page 21).

COLLEGE PRIZES

GENERAL

American Association of University Women's Membership Award. Membership for one year in the AAUW is awarded by the State of Maine Division to a senior woman of outstanding scholarship, citizenship, and campus leadership.

Awarded in 1963 to ANNE MARGUERITE QUIRION '63

Awarded in 1964 to BARBARA ANNE FLEWELLING '64

Frederick F. Brewster Honor Scholarship. Established in memory of Frederick F. Brewster, of New Haven, Connecticut.

Awarded in 1964 to RICHARD WHITTIER HUNNEWELL '67

Bixler Bowl Award. Awarded to that fraternity which has, as a group, contributed most constructively to the over-all work of the college program.

Awarded in 1963 to KAPPA DELTA RHO

Awarded in 1964 to LAMBDA CHI ALPHA

Bixler Scholarships. Awarded annually to a few top-ranking students, known as Bixler Scholars, in recognition of their academic achievements. The amount of each scholarship, which is not announced, is determined by need.

Awarded in 1963 to BARBARA ANNE FLEWELLING '64, DORIS HELEN KEARNS '64, SUZANNE JOY NOYES '64, HARRIETT FRAN HOLMES '65, BARBARA ROSS HOWARD '65, CONSTANCE DAY '66, ISAAC DAVIS BALBUS '64, ALFRED JOHN DIMAIO '65, DAVID FAIRBANKS HASKELL '65, MARK ERIC LEDERMAN '66, PETER STANLEY WEYGANT '66.

Awarded in 1964 to BARBARA ROSS HOWARD '65, ELIZABETH ARLENE STARK '65, NANCY LEE JOHNSON '66, NANCY JANE WILCOX '67, TIMOTHY FULLER CLEGHORN '65, DAVID FAIRBANKS HASKELL '65, MARK ERIC LEDERMAN '66, EDMOND JOSEPH DERDERIAN '66, WILLIAM MICHAEL DOLL '66.

Josephine Bodurtha Gagnon Scholarship. Awarded annually by the Alpha Delta Chapter of Alpha Delta Pi sorority in memory of Josephine Bodurtha Gagnon, 1938, on the basis of financial need, scholarship, and campus leadership.

Awarded in 1963 to SUSAN ALMEDA FOOTER '66

Awarded in 1964 to NANCY JEAN KENDIG '65

Colby Library Associates Book Prize. Books of the student's choice awarded to the senior with the best personal library collected during his undergraduate years.

Awarded in 1963 to JOHN WESLEY MILLER '63

Awarded in 1964 to PAUL STRONG '64

Condon Medal. Gift of the late Randall J. Condon, 1886, awarded to the senior, who by vote of his classmates and approval by the faculty, is deemed "to have exhibited the finest qualities of citizenship and has made the most significant contribution to the development of college life."

Awarded in 1963 to PAULETTE RACHEL FRENCH '63

Awarded in 1964 to DORIS HELEN KEARNS '64

Delta Delta Delta Scholarship Awards. Given by Delta Delta Delta sorority to undergraduate women for well-defined educational objectives and outstanding campus leadership.

Awarded in 1962 to PAULINE RYDER '63 and EDITH-ANN SEWALL '63

Awarded in 1963 to PATRICIA SUZANNE CHARLTON '65, NANCY JEAN KENDIG '65, PAMELA POWERS PIERSON '65

Awarded in 1964 to HANNAH HULL SEWALL '64, PAMELA POWERS PIERSON '65, SHARON IRENE ABBOTT '65

Adelaide True Ellery Scholarship. Awarded in memory of Adelaide True Ellery, 1890, to a woman for outstanding religious leadership, the scholarship to apply in her junior and senior years.

Awarded in 1963 to SANDRA HAYWARD '64

Awarded in 1964 to DIANE LOUISE MASON '66

Lelia M. Forster Prizes. From the income of the Lelia M. Forster Fund, awards are made to the young man and young woman "of the preceding entering class who by their academic performance, the respect they command from their classmates, and the constructive contribution they have made to life on the campus have shown the character and ideals most likely to benefit society."

Awarded in 1963 to DIANE GERTHE VAN WYCK '66, RICHARD STANDISH GILMORE '66, PHILLIPS KINDY, JR. '66

Awarded in 1964 to ROBERTA LEE STOCKWELL '67 and WILLIAM GOADBY POST, JR. '67

Phyllis S. Fraser Scholarship. Presented by Alpha Chapter of Sigma Kappa to a Colby son or daughter, in memory of its alumna and adviser, Phyllis St. Clair Fraser, 1913.

Awarded in 1963 to BARBARA ROSS HOWARD '65

Awarded in 1964 to LEWIS KRINSKY '65

Hillel Honor Key. Presented by the B'Nai B'Rith Hillel Foundations, for outstanding leadership.

Not awarded in 1963

Awarded in 1964 to BARRY LESTER FEINBERG '65

Donald P. Lake Award. Given in memory of Donald P. Lake, 1955, to a senior whom the Varsity "C" Club selects for outstanding scholastic achievement, athletic leadership and ability.

Awarded in 1963 to CHARLES WILLIAM CAREY '63

Awarded in 1964 to JOHN COLLIER MECHEM '64

Michael Lester Madden Scholarship. Awarded by the Scott Paper Company in honor of Michael Lester Madden to a sophomore who has best demonstrated outstanding scholarship and leadership and participation in extra-curricular activities, the scholarship to apply in the junior and senior years.

Awarded in 1963 to CAROL JANE CHRISTY '65

Awarded in 1964 to CARL EMILE BEGIN '66

Sigma Theta Psi Trophy. Awarded annually by Alpha Delta Phi fraternity to the man who, at the end of his third semester of work, has the highest cumulative academic average.

Awarded in 1963 to ALFRED JOHN DIMAIO, JR. '65.

Awarded in 1964 to EDMOND JOSEPH DERDERIAN '66 and WILLIAM MICHAEL DOLL '66

Ninetta M. Runnals Scholarship. (every other year) Awarded by Delta Delta Delta to an undergraduate for scholastic performance, well-defined educational objectives and community participation. Awarded in 1963 to BARBARA CLAIRE MCGILLICUDDY '65

Philip W. Tirabassi Memorial Award. (new) A book awarded in memory of Philip W. Tirabassi, 1959, to a junior man who has "willingly assisted his classmates, promoted the best interests of the college and maintained a superior academic average."

Awarded in 1963 to EDWARD JOSEPH BAKER '64

Awarded in 1964 to JOHN JOSEPH O'CONNOR, JR. '65

Women's Student League Scholarship. Awarded by the Women's Student League to the junior who best meets these requisites: creditable scholarship, leadership, participation in extra-curricular activities, friendliness—and who has contributed toward her college expenses by her own efforts.

Awarded in 1963 to LUCINDA LAURIER WULLING '64

Awarded in 1964 to ANNA KAARIINA OWENS '65

Carrie M. True Award. Given in memory of Carrie M. True, 1895, and presented to a woman selected for pronounced religious leadership and influence in the life of the college.

Awarded in 1963 to RUTH SIGRID PRATLEY '63

Awarded in 1964 to PAMELA POWERS PIERSON '65

ART AND ARCHITECTURE

For excellence of workmanship and design and appropriateness to the study of the history of architecture.

The Dodge Prize. Offered by Mr. and Mrs. Donald D. Dodge of Rockport and Philadelphia, for the best model of an American building 1600-1850.

Awarded in 1964 to GEOFFREY WOOD QUADLAND '66 and GARY WHITMORE MCKINSTRY '66

American Institute of Architects Prizes. Offered by the Maine chapter of the Institute for distinctive architectural models made in conjunction with the history of architecture course.

Awarded in 1964 to (1st) PETER ARTHUR MUDGE '65; (2nd) JOHN BOYNTON GLAZE '66 and COLBY VICTOR CURRIER '66

- BUSINESS ADMINISTRATION** *Ernest L. Parsons Prize.* Awarded to a senior in business administration who, in the opinion of the faculty of this department, combines high quality of scholarship, personality, and extra-curricular interests.
Awarded in 1963 to HERBERT ALAN WAINER '63
Awarded in 1964 to CLIFFORD BRUCE OLSON '64
- CLASSICS** *John B. Foster Prize in Classics.* Awarded in memory of John B. Foster, 1843, Professor of Greek language and literature, for marked excellence in advanced Greek or Latin.
Awarded in 1963
Latin: SALLY ANN PROCTOR '63
Greek: ROBERT JOHN GULA '63
Awarded in 1964
Latin: JEAN ELIZABETH CRAIG '66
Greek: JOHN JOSEPH O'CONNOR, JR. '65
- ENGLISH** *Mary Low Carver Prize for Poetry.* Presented in memory of Mary Low Carver, 1875, the first woman graduate of the college, to a woman for an original poem of merit in the English language.
Awarded in 1963 to BARBARA IRENE KREPS '64 and ELLEN GAY MITCHELL '65
Awarded in 1964 to JEAN ANDERSON REEVE '67 and ELLEN GAY MITCHELL '65
- Solomon Gallert English Prize.* Given by Mrs. Joseph L. B. Mayer in memory of Solomon Gallert, 1888, for excellence in English prose.
Awarded in 1963 to CORA-LOUISE CROSMAN '63
Awarded in 1964 to JEAN ANDERSON REEVE '67; JAMES WILFRED BALANO, III '67 and DEMETRIOS NICHOLAS VALHOULI '64
- Elmira Nelson Jones Essay Prize.* Awarded in memory of Elmira Nelson Jones, 1897, for an original essay of merit.
Awarded in 1963 to JOHN WESLEY MILLER '63
Awarded in 1964 to HARVEY HYLER '65
- Poetry Prize for the Men's Division.* Awarded for an original poem of merit.
Awarded in 1963 to GERALD ROY ZIENTARA '64
Awarded in 1964 to GEORGE DAY HOOKER '65 and PETER SCHUYLER CROSS '65

HISTORY AND GOVERNMENT *Paul A. Fullam History Prize.* Presented in memory of Paul A. Fullam, 1955 (Hon.), chairman of the history department, to a senior distinguished by outstanding work in history and government, the fund to provide for books of the winner's choice.
Awarded in 1963 to FRANCIS DELARGIS KIRBY '63
Awarded in 1964 to STEPHEN SCHOEMAN '64

Edward Lampert History Prize. Awarded to a senior distinguished by excellence in history and government, a fund is provided for books of the winner's choice.
Awarded in 1963 to ROGER BAILEY JEANS '63
Awarded in 1964 to EDWARD JOSEPH BAKER, III '64

William J. Wilkinson History Prize. Established in memory of William J. Wilkinson, professor of history and government from 1924-1945, and awarded to the history major in the junior class who, in the judgment of that department, combines: special interest in modern European history, high average in history and government courses, personal integrity, and ability to reason critically and independently.
Awarded in 1963 to STEPHEN SCHOEMAN '64
Awarded in 1964 to LESLEY NAN FORMAN '65

Departmental Prizes in Government. Presented in recognition of outstanding work in the field of Government.
Awarded in 1963 to DORIS HELEN KEARNS '64, SUZANNE JOY NOYES '64, JAMES PRENTICE DOLIAN '63
Awarded in 1964 to DORIS HELEN KEARNS '63 and ISAAC DAVIS BALBUS '63

MODERN LANGUAGES *French Consulate Prize.* Provided by the French Consulate in Boston for excellence in French.
Awarded in 1963 to LAURA NEWMAN '63
Awarded in 1964 to BARBARA ANNE FLEWELLING '64

German Prizes. Awarded for excellence in German.
Awarded in 1963 to (1st) HARRIETT FRAN HOLMES '65, PETER JOSEPH LARDIERI '66; (2nd) ANITA LUCILLE HEGMANN '64, ANITA LOUISE LOOMIS '65, ROBERT EMERY BAGGS, JR. '65
Awarded in 1964 to (1st) SUSAN MARIE MONK '67, GRETCHEN WOLLAM '66 (2nd) SARA ANDREWS MCCOBB '64, RICHARD ALFRED ZIPSER '64, ELIZABETH ARLENE STARK '65, ROBERT SHELDON CHURCHILL '67

Delta Phi Alpha German Prize. A book prize awarded by the Gamma Kappa chapter of Delta Phi Alpha for scholarship in German language and literature, and for initiative in fostering an interest in the various activities of the German club.

Awarded in 1963 to CYNTHIA JOAN PETERS '63

Awarded in 1964 to DAWNE RAE WISWELL '64

MUSIC *Colby College Band Award.* Presented for outstanding qualities in leadership and exceptional interest in the college band.

Awarded in 1963 to ANITA JANE NOURSE '63

Awarded in 1964 to RANDALL LeCONTE HOLDEN, JR. '65

Alma Morrissette McPartland Award. Presented by Mrs. McPartland, class of 1907, for excellence in musical achievement such as composition, performance, scholarship or leadership in musical organizations.

Awarded in 1963 to SANDRA THOMPSON MOULTON '63

Awarded in 1964 to ARTHUR WOODROW BEVERIDGE '65

Glee Club Award. Presented to a senior for outstanding contribution to the glee club in terms of service, interest, attitude, and loyalty over four years.

Not awarded in 1963

Awarded in 1964 to ANNE LOUISE GELLHORN '64 and MARTHA LOUISE FARRINGTON '64

Symphonic Orchestra Awards. Presented to students in the Colby Community Symphony Orchestra who have shown unusual interest and improvement.

Awarded in 1963 to LUCILLE ELLEN WAUGH '63 and ARTHUR WOODROW BEVERIDGE '65

Awarded in 1964 to RICHARD WARD BANKART '65 and ELIZABETH ANNA HERNBERG '66

PHILOSOPHY *Stephen C. Pepper Prize in Philosophy.* Presented to a junior or senior who has done distinguished work in philosophy; a fund is provided for books of the winner's choice.

Awarded in 1963 to MARJORIE ROWE WALTON '63 and ROBERT CRESPI '63

Awarded in 1964 to RAYMOND KELLER PERKINS, JR. '64

PUBLIC SPEAKING AND DRAMATICS *Goodwin Public Speaking Prizes.* Given by the late Mattie E. Goodwin in memory of her husband, Forrest Goodwin, 1887, for excellence in the delivery of original addresses.

Awarded in 1963 to (1st) DONALD EDWARD NEVIN '64
(2nd) RODNEY ELLIOTT GOULD '65
(3rd) JON MICHAEL BRIAN VORE '64

Awarded in 1964 to (1st) PETER DAVID HART '64
(2nd) STEPHEN JAMES FOXMAN '65
(3rd) RICHARD WALTER VAN HALL '65

Hamlin Speaking Prizes. Awarded from a fund established in 1874 by Hannibal Hamlin, 1859 (Hon.) to freshmen for excellence in public speaking.

Awarded in 1963 to (1st) RALPH STUART RECORD '66
(2nd) PETER JOHN LAX '66
(3rd) JANNA DRAKE VAUGHAN '66

Awarded in 1964 to (1st) PETER EDGAR FARNUM '67
(2nd) CHARLES MICHAEL CUTLER '67
(3rd) BRIAN SHEPERD KOPKE '67

Julius and Rachael Levine Speaking Prizes. Given by Lewis Lester Levine, 1916, in memory of his father and mother, for excellence in extemporaneous address.

Awarded in 1963 to (1st) JOHN LAWRENCE MARTIN '63
(2nd) STUART HARVEY RAKOFF '65
(3rd) STEPHEN SCHOEMAN '64

Awarded in 1964 to (1st) DAVID SUMNER CUTLER '65
(2nd) PETER DAVID HART '64
(3rd) STEPHEN SCHOEMAN '64

Montgomery Interscholastic Public Speaking Prizes. A bequest of the late Job Montgomery of Camden providing for prizes to winning contestants from secondary schools who appear at Colby on an assigned date for this contest.

Murray Debating Prizes. A bequest of the late George E. Murray, 1879, a trustee of the college, providing for award of prizes for the best arguments presented at a public exhibition.

Awarded in 1964 to (1st) PETER EDGAR FARNUM '67 and ALFRED HAUGHTON JR. '67; (2nd) PHILIP EDWARD STEARNS '67 and DAVID HILDRETH GRAY '67

Andrew Blodgett Award. For excellence in dramatics, presented by Powder and Wig Society in memory of Andrew Blodgett, 1962.

Awarded in 1963 to PATRICIA DIANO '63

Awarded in 1964 to CYNTHIA BARRINGTON CARROLL '64

SCIENCES *American Institute of Chemists Award.* A medal, one of four to be presented in Maine by the New England chapter of the American Institute of Chemists to a senior with "high potential for advancement of chemistry as a profession, based on a record of demonstrated leadership ability and character, with high scholastic standing."

Awarded in 1963 to BRIAN GERALD McALARY '63

The Chemical Rubber Company Award in Mathematics. An achievement award in freshman mathematics.

Awarded in 1963 to DAVID STULL WOOLEY '66

Not awarded in 1964

The Chemical Rubber Company Prize in Physics. Presented to the student with the highest average in beginning physics.

Awarded in 1963 to PHILIP ANDREW WILEY '66

Awarded in 1964 to JOEL WILLARD IRISH '67

Chi Epsilon Mu Prize in Chemistry. Awarded annually to the highest ranking freshman in chemistry.

Awarded in 1963 to ELIZABETH ARLENE STARK '65

Awarded in 1964 to PHYLLIS ELAINE HOAR '67

Sigma Pi Sigma Prize in Physics. Presented by the Colby chapter of Sigma Pi Sigma, national honorary physics society, to the student with the highest average in Physics 221-222.

Not awarded in 1963 or 1964

SOCIAL SCIENCES

Chi Omega in Social Sciences. Awarded by Chi Omega sorority to the highest ranking woman majoring in the social sciences.

Awarded in Economics in 1963 to ELSPETH MARGARETA STEWART '63

Awarded in Government in 1964 to SUZANNE JOY NOYES '64

Albion Woodbury Small Prizes. Given by the late Mrs. Lina Small Harris in memory of her father, Albion Woodbury Small, 1876, former president of Colby and professor of sociology and dean of the graduate school at the University of Chicago. The prizes are awarded for the best essays written in the departments of economics or sociology.

Awarded in 1963 to KAREN MOORE BUTLER '63, DAVID GROVER BROMLEY '63 and NANCY ELLEN REYNOLDS '63

Awarded in 1964 to DAVID SPENCER FEARON '65, LYNNE REED DAVIDSON '64 and BEATRICE SHAW HODGDON '64

ATHLETICS

J. Seelye Bixler Award. Presented by an alumnus in honor of J. Seelye Bixler, president of Colby from 1942 to 1960, and awarded to a member of the varsity track team who has contributed most to its success.

Awarded in 1963 to RAYMOND WHITE '64

Awarded in 1964 to RICHARD GILMORE '66

David W. Dobson Memorial Award. Awarded to an outstanding member of the varsity ski team in memory of David W. Dobson, 1950.

Awarded in 1963 to PAUL KNAPP ROGERS, III '63

Not awarded in 1964

Paul F. "Ginger" Fraser Award. Awarded to a non-letter man who has shown the most improvement as a member of the varsity football team. Presented by an alumnus the prize honors the memory of Paul "Ginger" Fraser, 1915, one of Colby's football greats.

Awarded in 1963 to ROBERT HODGE '65

Awarded in 1964 to STEPHEN SMITH '66

Robert LaFleur Memorial Award. Presented in memory of Robert A. LaFleur, 1943, killed in World War II, to the member of the varsity basketball team who has contributed most to its success.

Awarded in 1963 and 1964 to KENNETH CLYDE STONE '64

Ellsworth W. Millett Award. Given by the Boston Colby Alumni Association in honor of Ellsworth W. "Bill" Millett, 1925. Awarded to a member of the varsity hockey squad who has shown outstanding leadership and unselfish devotion to the welfare of the team.

Awarded in 1963 and 1964 to JOHN COLLIER MECHEM '64

Edward C. Roundy Memorial Award. Given in memory of Edward C. Roundy — for many years coach of baseball, basketball, and football at Colby—to the most valuable player on the varsity baseball team.

Awarded in 1963 to RICHARD MATTHEW BONALEWICZ '63

Awarded in 1964 to SALVATORE MANFORTE '66

Theodore N. Shiro Award. Gift of Theodore N. Shiro, 1951, awarded to the most improved player on the varsity basketball team.

Awarded in 1963 and 1964 to LAURITZ NELSON DYHRBERG '64

Herbert E. Wadsworth Award. Given in memory of Herbert E. Wadsworth, 1892, former trustee and benefactor, to the most valuable player on the varsity football team.

Awarded in 1963 to HERMON EMERSON SMITH '63

Awarded in 1964 to ROBERT WYMAN DREWES '64

Norman E. Walker Award. Awarded in memory of Norman E. Walker, 1938, to a member of the varsity hockey team who has shown the most improvement during the current season.

Awarded in 1963 to JOHN COLLIER MECHEM '64

Awarded in 1964 to BRUCE DAVEY '65

Norman R. White Award. Awarded in memory of Norman R. White, 1950, in recognition of leadership and sportsmanship displayed by a member of one of the varsity athletic teams.

Awarded in 1963 to HERMON EMERSON SMITH '63

Awarded in 1964 to ALFIO GRACEFFA '64

The Campus

In 1952, Colby completed its move from a hundred-year old campus in downtown Waterville to Mayflower Hill, two miles west of the city. Today there are 32 new buildings (a 33rd is under construction) on this campus of about 1,000 acres, one of the most modern and beautiful in the nation.

The first building was *Lorimer Chapel*, center of the college's religious life. The main chapel, in early New England style, contains an organ built in the classical tradition by Walcker of Ludwigsburg, Germany. The instrument is of special interest because its specifications were drawn up by Albert Schweitzer. The *Rose Chapel* adjoins the main building.

At the center of the campus is *Miller Library*. The Edwin Arlington Robinson Treasure Room is in a wing of the building, where a collection of rare books and manuscripts is housed. Extensive storage stacks, general and individually-carreled study areas, and periodicals and reference rooms are a feature.

The *Keyes* and *Life Sciences* buildings provide facilities for an ever-expanding science program with special collections, museums, a seismograph, reference libraries, laboratories, and conference rooms.

The humanities and social sciences are centered in the *Elijah Parish Lovejoy* building. Here are also faculty offices, laboratories for modern languages and psychology, an auditorium, and headquarters for the ROTC program.

Administration offices are housed in the *Eustis* building.

The *Bixler Art and Music Center* has classrooms, studios, departmental libraries, auditorium, rehearsal hall, and practice and listening rooms. The college's permanent collection of paintings, sculpture and other art, and travelling exhibitions, are regularly shown in the Jette Gallery. Leading off the gallery, and out-of-doors, is the *Montague Sculpture Court*. The *Given Auditorium* is acoustically designed for musical performances and equipped to record programs stereophonically.

Mary Low, Louise Coburn, Woodman and Foss halls provide housing for women; a new dormitory, *Dana*, is scheduled for occupancy in the fall of 1965. The men's dormitories are *Averill* and *Johnson Halls*; *East Hall*, divided into three units: *Small, Champlin, and Butler*; and *West Hall*, comprised of *Robins, Chaplin and Pepper*. There are seven fraternity houses, occupied by *Delta Kappa Epsilon, Zeta Psi, Delta Upsilon, Phi Delta Theta, Alpha Tau Omega, Tau Delta Phi, and Lambda Chi Alpha*.

In *Roberts Union* are the men's commons, rooms for staff and guests, student organization offices, coeducational lounges, dining hall and *Sherman M. Perry Infirmary*.

Ninetta F. Runnals Union houses the women's gymnasium, with stage for dramatics and lectures, meeting and recreation rooms, lounges, sorority rooms, and a modern dance studio. Resident directors are in charge of each union. Women's dining service is in the women's dormitories.

The *Little Theatre* serves as a dramatics workshop and theatre-in-the-round.

The *President's Home* is the first building the visitor sees as he enters the campus.

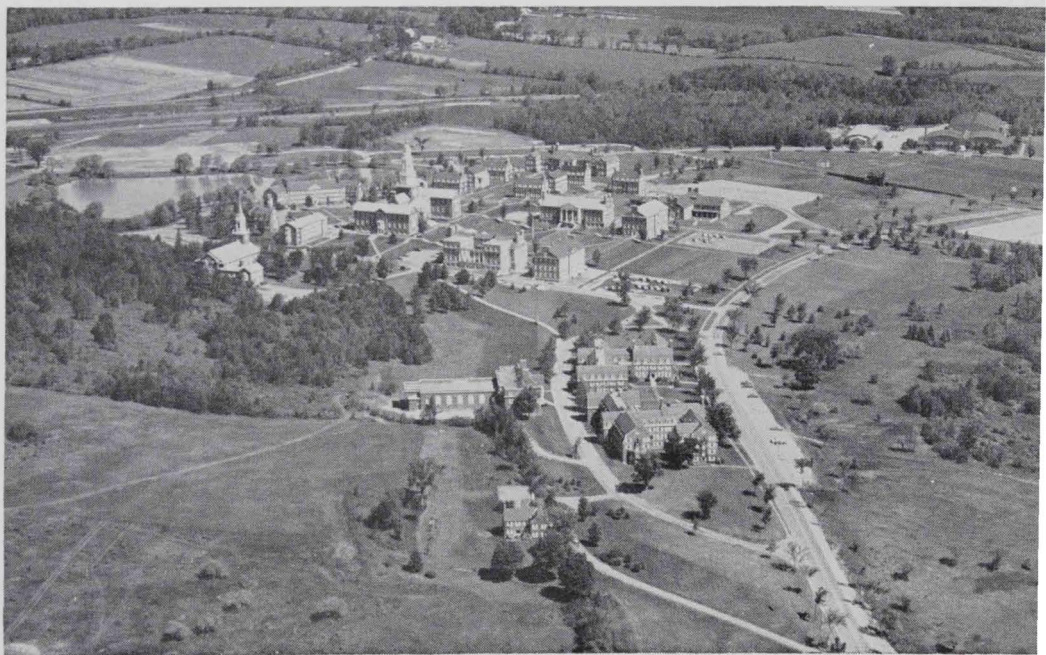
The *Herbert E. Wadsworth Field House*, seating 2,400, contains facilities for men's physical education. It has one of the largest basketball floors in northern New England.

The *Harold Alfond Arena*, adjoining the fieldhouse, provides artificial ice in an enclosed and covered rink with seating for 2,000 spectators.

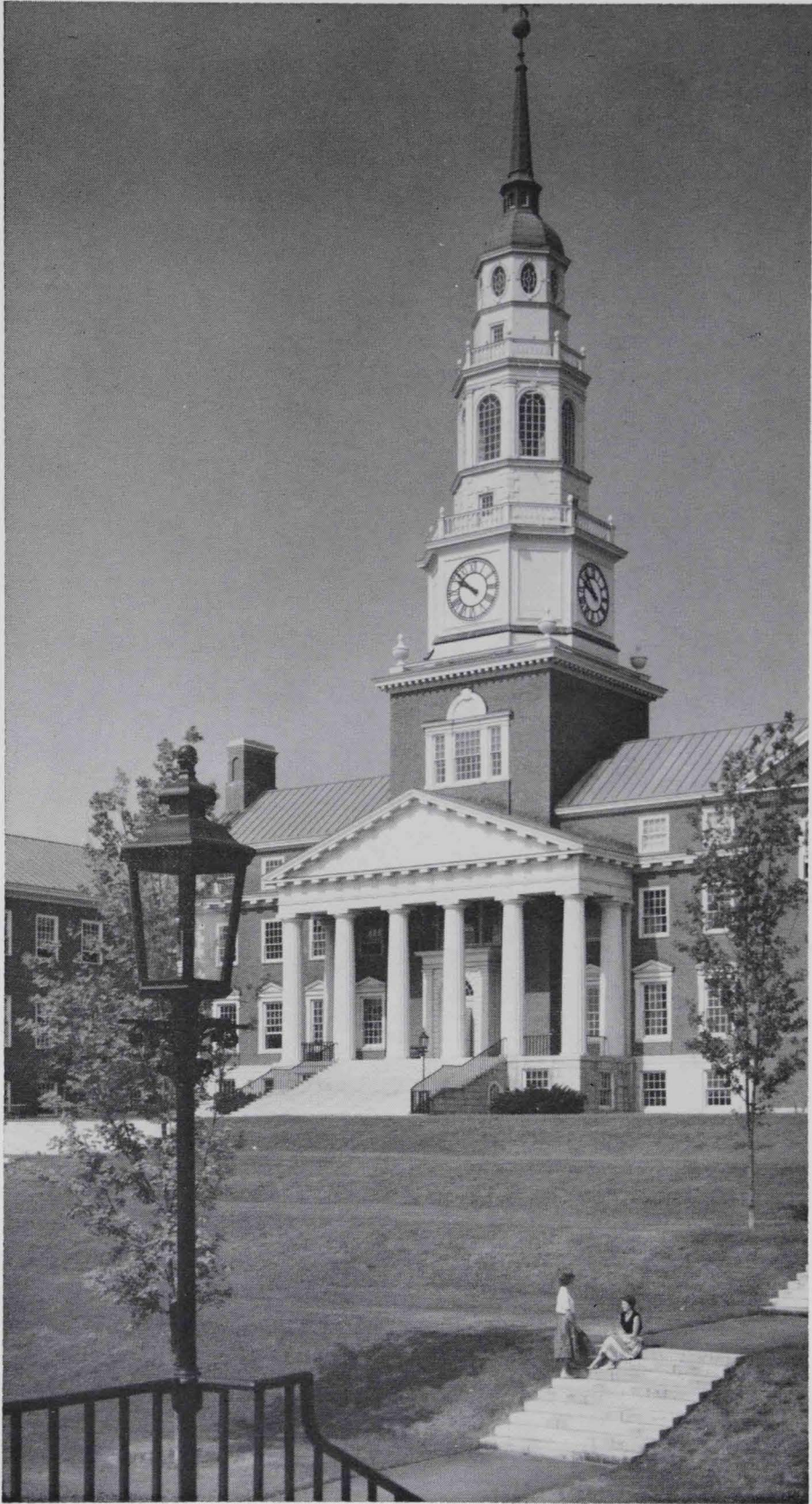
Athletic areas include two football fields, two baseball diamonds, a soccer field, fourteen tennis courts, and playing fields for field hockey, archery and informal games. A ski area with lighted slope, jump, T-bar tow lodge, and snowmaking equipment is maintained about three miles from the campus. *Johnson Pond* offers an excellent area for outdoor skating.



Across Johnson Pond



*Aerial view of
Mayflower Hill*





Bixler Art and Music Center



*Lorimer
Chapel*



Gateway to Montague Sculpture Court



Mary Low Hall

The beginning of spring



*Between classes
at the Lovejoy
Building*



*The Jette Gallery in
the Bixler Center*



*Polby Community
Symphony Orchestra*

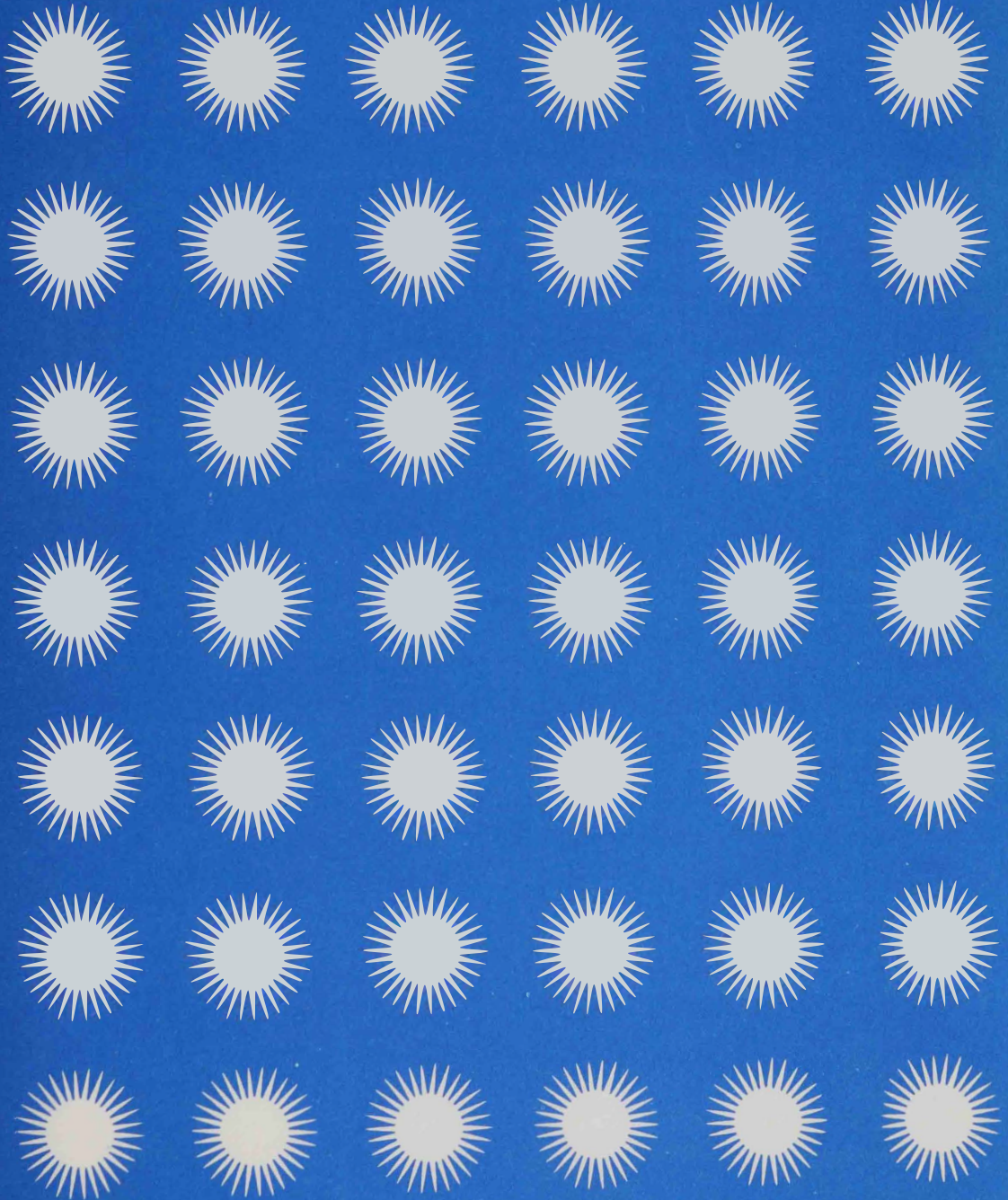




Afternoon in winter

II

Divisions, Departments, and Courses of Study



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Divisions, Departments, and Courses of Study

The courses are offered within five divisions as follows:

DIVISION OF HUMANITIES

Divisional courses in humanities and courses in the following departments: *Art; Classics*, including classics in English translation, Greek, and Latin; *English; Modern Foreign Languages*, including French, German, Italian (in English translation), Portuguese, Russian, and Spanish; and *Music*.

DIVISION OF SOCIAL SCIENCES

Divisional courses in social science and courses in the departments of *Business Administration; Economics; Education and Psychology; History and Government; Philosophy and Religion; and Sociology*.

DIVISION OF NATURAL
SCIENCES

Courses in the departments of *Biology; Chemistry; Geology; Mathematics; and in Physics and Astronomy*.

DIVISION OF AIR SCIENCE

Courses in *Air Science*.

DIVISION OF
PHYSICAL EDUCATION AND
ATHLETICS

Courses in *Physical Education*.

In the departmental statements below, members of the faculty for both academic years 1963-64 and 1964-65 are listed by their rank in the earlier year. The words instructor or instructors indicate additional faculty, other than sabbatical replacements, available in 1964-65. The complete faculty for both academic years begins on page 144.

Division of Humanities

Chairman, PROFESSOR KELLENBERGER

Combined majors are offered in classics-English and classics-philosophy.

Requirements for the major in classics-English

In English: 221, 222; one full year period course or its equivalent in semester courses, 421, 422.

In classics: either three years of Latin above the level of 122 or three years of Greek.

Requirements for the major in classics-philosophy

In classics: either three years of Latin above the level of 122 or three years of Greek, the selection to be approved by the department.

In philosophy: Philosophy 112 or 211, 212; 331, 332; 491 or 492; and one further semester course.

The point scale for retention of each of the above majors applies to all courses that may be credited toward the major.

ART

Chairman, PROFESSOR CARPENTER

Professor Carpenter, Associate Professor Miller, Mr. Meader.

Requirements for the major in art

Art 121, 122, 211, 411; at least two semester courses chosen from 252 (or 271), 311, 312, 314, 318; additional courses in art to bring the total to nine semester courses; and two semester courses in ancient or European history.

The point scale for retention of the major applies to courses taken in the department.

CLASSICS

Assistant Professor Westervelt, Dr. Dorothy Koonce and instructor.

Requirements for the major in Classics

Three years of Latin above 122, and three years of Greek.

Requirements for the major in Greek

Four years of Greek, and History 261, 262 or one additional year course in the classics department.

Requirements for the major in Latin

Four years in Latin above 122, and History 261, 262 or one additional year course in the classics department.

The point scale for the retention of each of these majors applies to all courses which may be credited toward the major.

Attention is called to the opportunity for concentrating in the combined majors *classics-English* and *classics-philosophy* (See pages 67, 68).

ENGLISH

Chairman, PROFESSOR CHAPMAN

Professors Chapman, Strider, Alice Comparetti, Benbow, and Cary; Associate Professors Sutherland, MacKay, and Suss; Assistant Professors Witham, and Curran; Mr. Wees, Mr. Mathews, Mr. Devlin, Mr. Koonce, Mr. Brancaccio, Mrs. Savage, Mr. Mizner, and Mr. Green.

Requirements for the major in English literature

In the sophomore year, English 221e, 222 and History 253; in the junior year, four semester courses from the courses listed below, two semesters of which must be from periods before 1800; in the senior year, English 421, 422 and two additional semesters from the courses listed below.

Requirements for the major in American literature

In the sophomore year, English 221e, 222 and History 281, 282; in the junior year, English 371, 372 and two semesters of English literature from periods before 1800 from the courses listed below; in the senior year, English 423, 424 and two additional semesters from the courses listed below.

The courses credited toward these majors are 311, 312, 314, 315, 317 (for those not required to take 421, 422), 318, 319, 332, 334, 335, 336, 351, 352, 353, 354, 361, 362, 363, 364 (of courses 361 through 364 only two semesters may be credited toward the major), 365, 366, 371, 372, 413, 421, 422, 423, 424.

The point scale for retention of the major applies to any of these courses taken and to English 221e, 222.

The history requirement for either major may be met by prescribed reading and examination.

Attention is invited to the opportunity for concentrating in the combined Classics—English major. See page 67.

A non-credit course in remedial English is offered for those students referred to it from upper classes.

MODERN FOREIGN LANGUAGES

Chairman, PROFESSOR BUNDY

Professors Kellenberger and Bundy; Associate Professors G. Smith, P. Bither, Biron, Holland, and Schmidt; Assistant Professors Cauz, Kempers, Tatem, and Cox; Mr. Carroll, Dr. Judah, Mrs. Bundy, and instructor.

Placement test: Every student offering a foreign language for entrance credit must take the placement test in that language if he wishes to continue studying it. (See page 16 for further details.)

Requirements for the major in French

French 125, 126 and eight semester courses numbered 200 or above, with the exception of 211d or 411. A student who has completed German 225, 226 may omit two semester courses. A student desiring certification for teaching French must take French 411 and, beginning in 1965-66, French 412.

Requirements for the major in German

German 107, 108, 343, 344, 345, 346, 347, 348; or equivalent; a student who has completed German 225, 226 may omit one of these 300-level courses. German 491, 492 may be substituted for one 300-level course.

Requirements for the major in Spanish

Spanish 141, 142, 257, 258, 321, 322, 351, 352, 355, 356; or equivalent; a student who has completed German 225, 226 may omit one of these 300-level courses. Spanish 491, 492 may be substituted for one 300-level course. A student desiring certification for teaching Spanish must take French 411.

The point scale for retention of each of these majors applies to all courses taken in the department of modern foreign languages.

MUSIC

Chairman, PROFESSOR E. COMPARETTI

Professor E. Comparetti; Associate Professor Re; and instructor.

Requirements for the major in music

Music 101, 102, 121, 122, 211, 212, 305, 306 and either 301, 302 or 216 and 312; two semester courses in European history and either French 103, 104 or German 103, 104. Students planning graduate work in musicology should elect both languages.

The point scale for retention of the major applies to all music courses.

Division of Social Sciences

Chairman, ASSISTANT PROFESSOR BERSCHNEIDER

Opportunity is offered for concentration in two interdepartmental majors, *American civilization* (advisers: Mr. Yokelson and Mr. Bridgman) and *philosophy-mathematics* (advisers: Mr. Clark and Mr. Combellack).

Requirements for the major in American civilization

History 281, 282, and four additional semesters of American history; any four semester courses in American literature, exclusive of English 367, 368; Economics 241, 242; Philosophy 351 and Religion 312; and two semesters in American government selected with the approval of the adviser.

The point scale for retention of the major applies to all courses that count toward the major.

Requirements for the major in philosophy-mathematics

In philosophy: 212 and either 211 or 112; 331 and 332; 357 and one further course in the department.

In mathematics: six semester courses, to include 361, 362.

The point scale for retention of the major applies to all courses that count toward the major.

Students should consult one of the advisers before planning to enter this major and should register for the first course in mathematics in the freshman year.

BUSINESS ADMINISTRATION

Chairman, ASSOCIATE PROFESSOR W. ZUKOWSKI

Professor Williams; Associate Professor W. Zukowski; Assistant Professors Fisher, and Gemery.

Requirements for the major in business administration

Business Administration 221, 222, 321, 322, 413, 414; Mathematics through 112d; Economics 241, 242; and two semester courses selected from the following: Mathematics 241, 242, 243, 244; Economics 336, 338 or any additional courses in business administration.

The point scale for retention of the major applies to all business administration courses and to Mathematics 241, 242, 243, 244 and Economics 336, and 338 where these courses are used to satisfy major requirements.

Students planning graduate work in business administration should consult the chairman of the department early in their college career.

ECONOMICS

Chairman, PROFESSOR BRECKENRIDGE

Professors Breckenridge and Pullen; and instructors.

Requirements for the major in economics

Economics 241, 242, and eight additional semester courses in economics. Students interested in business may substitute business administration 221, 222 or 321, 322 for two of the eight semester courses in advanced economics required for the major. They may, of course, elect additional courses in business administration.

Students who wish to be recommended for graduate work in economics are urged to elect Economics 331, 336, 341, 342, 371, and either 413 or 414. In addition, they should have college mathematics through calculus, and a working knowledge of elementary statistics. If a student intends to be a candidate for the PH.D. degree, he should also acquire a reading knowledge of French and German.

The point scale for continuation in the major applies only to courses in economics, except that Business Administration 221, 222 or 321, 322 will be counted if substituted for courses in advanced economics in fulfilling the major requirement.

EDUCATION AND PSYCHOLOGY

Chairman, ASSOCIATE PROFESSOR GILLESPIE

Professor Johnson; *Associate Professors N. Smith, Perez* and *Gillespie*; *Dr. Zohner*.

EDUCATION

Education 313, 314; 413, 414; and 431 meet the requirements of the Maine State Department of Education for the Provisional Certificate.

A brochure is available explaining the relation of the Colby program to certification requirements. This may be obtained at the education office of the college or, by mail, from the director of admissions.

PSYCHOLOGY

Requirements for the major in psychology

Mathematics 112d and 241; Biology 101, 102; Psychology 221, 222, 353, 381, 382, 451, and two additional semester courses selected from among Mathematics 211d, 212d, 242; and 243, 244, or from other offerings in psychology.

The point scale for continuation in the major applies to all psychology courses plus all other courses presented in fulfillment of the major.

Students contemplating the major in psychology must take mathematics in their freshman year.

HISTORY AND GOVERNMENT

Chairman, PROFESSOR MAVRINAC

Professor Mavrinc; Associate Professors Gillum, Raymond, and Rothchild; Assistant Professors Berschneider and Bridgman; and instructors.

The department offers majors in both history and government. Attention is invited to the opportunity for concentrating in American civilization. (See page 71.)

Requirements for the major in history

Social Science 121e, 122, plus eight semester courses in history and two semester courses in government.

One of the required semester courses in history must be numbered in the 400's.

Social Science 121e, 122 is the beginning course in history; it is required of all majors of the class of 1964 and classes thereafter. Students planning to major in history should enroll in one of the special history sections of the course.

The point scale for retention of the major applies to all courses in the department and to Social Science 121e, 122.

Requirements for the major in government

Social Science 121e, 122, plus eight semester courses in government and two semester courses in history. The normal sequence of courses for a student majoring in government is: Social Science 121e, 122 in the freshman year; Government 233, 234 in the sophomore year; and six additional courses in government during the junior and senior years, including Government 321, 322 and at least one semester course in government numbered in the 400's.

Social Science 121e, 122 is the beginning course in government; it is required of all majors of the class of 1964 and classes thereafter. Students planning to major in government should enroll in one of the special government sections of the course.

The point scale for retention of the major applies to all courses taken in the department and to Social Science 121e, 122.

PHILOSOPHY AND RELIGION

Chairman, PROFESSOR CLARK

Professors Clark, Osborne; Associate Professors Reuman, To-drunk, Visiting Indian Lecturer and Mr. Hudson.

Requirements for the major in philosophy

Philosophy 112 (unless waived by special permission of the department); 211, 212, 318, 331, 332, 353 and three additional semester courses in philosophy. Social Science 121, 122 may, with special consent of the department, be substituted for two of the latter.

Requirements for the major in philosophy and religion

Religion 111, 213, 214, 314 and 491 or 492; Religion 315 or Philosophy 372; Philosophy 211, 331, 332 and 354.

The point scale for retention of each of the above majors applies to all courses that count toward the major.

Combined majors are offered in *philosophy-mathematics* and in *classics-philosophy*. (See pages 68 and 71.)

Recommended to the general students as beginning courses in the department are: for freshmen, the sequence, Religion 111, Philosophy 112; for sophomores and upperclassmen, Philosophy 211, 212; for upperclass students interested in historical development and great figures in western philosophy, Philosophy 331 and 332.

SOCIOLOGY

Chairman, PROFESSOR BIRGE

Professor Birge; Assistant Professors Geib and Rosenthal.

Requirements for the major in sociology

Sociology 221, 222, and eight additional semester courses in sociology, including Sociology 311, 312; Economics 221, 222 or Economics 241, 242; and two semester courses in history.

The point scale for continuation of the major applies to all courses required for the major.

Students planning to enter social work should, at the beginning of their sophomore year, consult with their instructor concerning requirements. The course on social work cannot be offered for credit toward the major in sociology.

Division of Natural Sciences

Chairman, ASSOCIATE PROFESSOR FAIRLEY

The division offers a combined major in geology and chemistry. Its object is to provide a broad integration of classical geology with aspects of chemistry, mathematics, and physics underlying modern advances in geological science. Advisers: Mr. Hickox and Mr. Machermer.

Requirements for the major in geology-chemistry

Freshman year: Mathematics 111, 112d, or for qualified students, Mathematics 112d, 211d; Chemistry 141, 142.

Sophomore year: Mathematics 112d, 211d, or for qualified students, 212d, and another course to be chosen in consultation with the adviser; Geology 251, 212; Physics 141, 142.

Junior year: Chemistry 221, 222; Geology 241, 242.

Senior year: Chemistry 321, 322; Geology 311, 312.

Students should consult one of the major advisers regarding election of languages and other required courses in the freshman and sophomore years.

The point scale for retention of the major applies to all courses in geology and chemistry.

BIOLOGY

Chairman, PROFESSOR SCOTT

Professor Scott; Associate Professor Terry; Assistant Professors Easton and Davis.

Requirements for the major in biology

Mathematics through 112d; Chemistry 141, 142; four years of biology including 101, 102 and one additional year of science. The inclusion of geology is advised for majors preparing for teaching or for work in the field aspects of biology. Students preparing for graduate study in the biological sciences, including those planning to enter dental, medical or veterinary schools, must take physics and organic chemistry. It should be noted that requirements for the PH.D. degree in areas of biological science include a reading knowledge of two modern foreign languages.

The point scale for retention of the major applies to Chemistry 141, 142; Mathematics through 112d; and all courses in biology.

Students are encouraged to take courses at approved summer laboratories such as the Marine Biological Laboratory at Wood's Hole, Massachusetts. Such courses may be approved for credit toward the major requirement.

The department holds seminars Tuesday evenings to discuss current topics in biology. Senior majors are required to attend and participate.

CHEMISTRY

Chairman, PROFESSOR REID

Professor Reid; Associate Professors Ray and Machemer; Assistant Professor Chipman.

The department is accredited by the American Chemical Society for training on the undergraduate level. The courses in the professional major furnish the maximum depth consistent with adequate breadth in the field of chemistry, preparing either for university postgraduate work or for a responsible position in chemical industry.

Requirements for the American Chemical Society accredited major in chemistry

Required courses (subject to minor change by permission of the chairman of the department):

Freshman year: Chemistry 141, 142; Mathematics 111, 112d or for qualified students Mathematics 112d, 211d;

Sophomore year: Chemistry 221, 222; Mathematics 211d, 212d or for qualified students 212d, and another mathematics course chosen in consultation with the adviser; Physics 141, 142.

Junior year: Chemistry 223, 224; 321, 322; German 101, 102.

Senior year: Advanced Chemistry (one or two courses); German 103, 104.

Two years of French and a second course in physics are highly recommended.

The point scale for retention of the major applies to all chemistry courses.

Requirements for the basic major in chemistry

Chemistry 141, 142, 221, 222, 223, 224, 312.

Other courses, best suiting the needs of the student, should be selected in consultation with the head of the department.

The point scale for retention of the major applies to all chemistry courses.

Attention is called to the combined major in geology and chemistry (see page 75).

GEOLOGY

Chairman, PROFESSOR KOONS

Professor Koons; Associate Professor Hickox; and Mr. Coleman.

Requirements for the major in geology

Geology 101, 102, 211, 212, 241, 242, 311, 312, 352; Mathematics 112d; Chemistry 141, 142.

The point scale for retention of the major applies to all courses taken in the department.

Students planning professional careers in geology should remember that graduate schools will require for admission a summer field course or its equivalent, at least one year in physics and biology, and, frequently, additional mathematics; and that candidates for the doctorate must demonstrate a reading knowledge of at least two foreign languages.

Attention is also called to the combined major in geology and chemistry on page 75.

MATHEMATICS

Chairman, PROFESSOR COMBELLACK

Professor Combellack; Associate Professor Lucille Zukowski; Assistant Professor Junghans; Mr. Hayslett and Mr. Whelan.

Requirements for the major in mathematics

Mathematics 112d, 211d, 212d, 311d; 312 or 381; 361, 362, 421, 422, 423, 424.

The point scale for retention of the major applies to all courses taken in the department.

Attention is invited to the combined major in philosophy-mathematics (see page 71).

PHYSICS AND ASTRONOMY

Chairman, PROFESSOR BANCROFT

Professor Bancroft, Associate Professor Fairley, and instructors.

The department seeks to train students to think analytically in terms of the fundamental principles of physics. Subject matter in courses is selected to illustrate basic laws with wide applicability. The course offerings provide excellent background for graduate study in physics, astronomy, or the other natural sciences.

Requirements for the major in physics

Physics 141, 142 and two semester courses in mathematics should be taken in the freshman year. Chemistry 141, 142, Mathematics 211d, 212d and Physics 231, 232 should be completed by the end of the sophomore year. For further work in the department, at least a C grade is normally required in each of these courses. Completion of a major requires at least two further semester courses in mathematics, and four additional courses in physics, including Physics 411, 412.

The point scale for retention of the major applies to all courses taken in physics, chemistry, and mathematics.

It is recommended that the physics major fulfill his college language requirement in either German or Russian. Students contemplating graduate work should acquire a reading knowledge of both, or one of these plus French.

Division of Air Science

Chairman, PROFESSOR OF AIR SCIENCE

Professor of Air Science; Assistant Professors Culp (Captain), and Woodard (Captain).

Qualified students successfully completing the air science courses will be commissioned second lieutenants in the United States Air Force Reserve upon graduation.

Outstanding senior students exhibiting fine qualities of leadership and character may be designated *distinguished graduates*, which makes them eligible to compete for a regular officer career and graduate schooling in certain fields.

Full academic credit is given for each AFROTC course. Air Science 121, 221, and 222 may be taken in fulfillment of area requirements (see page 4). Two phases, basic and advanced, are described as follows:

The basic phase consists of Air Science 121, 122 in the freshman year and Air Science 221, 222 in the sophomore year. Three classroom hours and one laboratory period per week are scheduled for each course. These courses, or their equivalent, are prerequisite for the advanced course.

The advanced phase consists of Air Science 321, 322 taken during the junior year, and Air Science 421, 422 in the senior year. These courses have four classroom hours and one laboratory period per week.

Advanced course students must attend four weeks of summer training at an air force base between the junior and senior years. During this period they are paid approximately \$75 per month plus travel pay, quarters and food, uniforms and medical care.

During the advanced phase, cadets receive approximately \$27 per month and are issued an air force officer's uniform.

A student must apply for enrollment in the advanced course. If acceptable to the president of the college and professor of air science, the student will be enrolled upon signing a contract agreeing to (1) complete the advanced courses, (2) attend the summer camp, (3) accept a commission upon graduation. A student must not have reached his 25th birthday at the beginning of this phase.

AFROTC graduates have an excellent opportunity to become officers in such fields as electronics, intelligence, administration, personnel, public information, meteorology, law, research and development, and logistics. Qualified graduates may receive further training as pilots or navigators in the United States Air Force. Qualified veterans may be commissioned in the Air Force Reserve without active duty obligation upon graduation and may be selected for pilot or navigator training in the air force.

The department of air science sponsors the rifle team and the Arnold Air Society organizations which are administered by members of the advanced cadet corps.

More detailed information may be obtained by writing directly to the Professor of Air Science, Colby College.

Division of Physical Education and Athletics

Chairman, ASSOCIATE PROFESSOR WINKIN

Associate Professors L. Williams, Marchant, and Winkin; *Assistant Professors* M. Bither, Simpson, Holt, and Ullom; Mr. K. Weinbel, Miss Wenig, and Mrs. M. Weinbel.

Physical education is required of all freshmen and sophomores, being both a graduation requirement and an integral part of

the curriculum. Its intent is to stimulate interest and develop skills in a variety of individual and team games, stressing sports that have a carry-over value to the days after graduation. Participation is subject to the approval of the college physician and his staff.

PHYSICAL EDUCATION FOR
MEN

The physical education program for men includes required classes, intramural sports, intercollegiate athletics (varsity and freshman) and informal recreational activities.

Physical Education 1, 2 — instruction and supervised competition in individual and team sports, in leisure-time carry-over activities, and in a program of physical fitness — is required of all freshmen.

Physical Education 3, 4 provides a similar program and is required of all sophomores.

A semester's work failed in the first two years must be repeated in the junior year. Selection of physical education sections must be made at the time of the regular academic course elections. A prescribed uniform, required for physical education activity classes, may be secured at the college bookstore. Lockers and towels are provided. Participation on varsity or freshman teams may be substituted for physical education section assignments, within the season or seasons, during the freshman and sophomore years.

The Intramural Athletic Council, composed of a representative from each participating unit, promotes athletics for men; every student is free to engage in the activities of his choice. Competition is organized in touch football, soccer, basketball, bowling, hockey, ping-pong, volleyball, winter sports, track, swimming, softball and tennis. As new interests develop the program will be increased.

Open to all students are the activities of the Colby Outing Club: hiking, canoeing, mountain climbing, skiing, and skating. The indoor Harold Alford Arena provides artificial ice for skating. The college operates a ski area with a 1200-foot T-bar lift convenient to the campus.

**PHYSICAL EDUCATION
FOR WOMEN**

All freshmen and sophomores are required to attend classes equivalent to three hours per week. Each student may select her activities after she has included the departmental requirement of a team sport, an individual sport, and dance.

The department cooperates with the Women's Athletic Association in carrying on tournaments throughout the year. The Modern Dance Club provides opportunity for those interested in dance. Swimming instruction and a Red Cross Safety Instructors' course are given at the Boys Club pool. There is skiing instruction on a credit and voluntary basis at the ski area. Figure skating instruction is provided in women's classes at the Alford Arena.

Juniors and seniors may participate in physical education activities for credit in Women's Athletic Association.

All participation is subject to the approval of the college physician.

Seasonal offerings from which election may be made are: *fall*: archery, field hockey, golf, tennis and modern dance; *winter*: badminton, basketball, folk, square and modern dance, swimming, volleyball, skating, skiing and body mechanics; *spring*: archery, golf, lacrosse, softball, tennis and modern dance.

ATHLETICS

Athletic teams, varsity and freshman, include baseball, basketball, football, hockey, track, golf, tennis, skiing, and soccer. All coaches are members of the faculty in the department of physical education. Colby is a member of the National Collegiate Athletic Association and the Eastern College Athletic Conference. For more than sixty years, keen rivalry has centered in the State Series of the Maine Intercollegiate Athletic Association, whose membership consists of Bates, Bowdoin, Colby and the University of Maine.

The rules that govern intercollegiate sports are those adopted by the athletic conferences in which Colby holds membership.

No member of the freshman class and no undergraduate previously enrolled in another college or university and in attendance at Colby College for less than one full college year is eligible to represent Colby on varsity athletic teams.

Summer School of Languages

Colby has conducted a summer school of languages since 1948. French, German, Russian, and Spanish are offered at the elementary, intermediate, and advanced levels.

Courses are of the intensive type, each covering in seven weeks a full year's work at the college level. The faculty is composed of native or bilingual instructors drawn from many colleges.

The school is organized especially for the training of the individual who looks ahead to graduate or foreign study, positions or travel in foreign lands, translation work, foreign language teaching, or government service.

Between high school graduation in June and college matriculation in September, a high school graduate can earn a year of college language credit.

Literature concerning the school is available from the Director.

Adult Education and Extension

Recognizing the diversity of educational interests existing in every community, Colby College maintains a division of adult education and extension with a full-time director.

During the academic year this division arranges such conferences as the *Annual Institute for Maine Industry*. Each summer more than 2,000 individuals from throughout the nation are on campus for courses and institutes covering a range of subjects from *Great Books* to *Hospital Administration*. High school teachers of science and mathematics attend the six weeks *Summer Institute for Science*, sponsored by Colby and the *National Science Foundation*. Doctors enroll in the *Lancaster Courses in Ophthalmology*.

Since 1955 Colby has assisted teachers to earn certificate credit, presenting courses through simultaneous telecasts from stations which reach into Maine, Vermont, New Hampshire, New York and Canada.

Information may be obtained by writing to Professor William A. Macomber, director.

KEY TO SYMBOLS AND METHOD
OF COURSE DESIGNATION

Courses of Study

Each course is known by a title and also, for convenience of reference and ease in record-keeping, by subject and number: *Introduction to Design* is also *Art 231*.

The first digit indicates the class or classes eligible to take the course:

- 100 – open to freshmen,
- 200 – ordinarily open to sophomores, and classes above,
- 300 – ordinarily open only to juniors and seniors,
- 400 – ordinarily restricted to seniors.

The second digit may be:

zero – either semester of a year-course, with credit given only on completion of the two semesters;

an even number – either member of a pair of closely related semester courses (special permission of the department is required to take the second without the first); or *an odd number* – an independent semester course.

The last digit shows the semester in which the course is offered. Courses ending in odd numbers are first semester (fall) courses while those ending in even numbers are given in the second semester.

Thus *Art 231* may be elected no earlier than the sophomore year (as it is a “200 course”); it is an independent one-semester course (shown by the 3, an odd number); and it is given in the first semester (since the final digit is also odd).

The letter *a* after a course number indicates an accumulative course, in which course-credit may be obtained only through an accumulation of credit over several semesters.

The letter *d* after a course number indicates that the course is repeated each semester. The *d* followed by the number 1 or 2 is used to designate a course being given out of its usual semester. *Geology 313d2* would be an independent semester course for juniors or seniors ordinarily given in the fall but this year being presented in the spring instead.

The letter *e* after a number indicates an *E* course, the first of two closely related semester courses. When so designated, a mark of *E* may be given for the first. *E* designates provisional failure, but the deficiency may be made up by satisfactory completion of the sequentially related course in the immediately following semester. When thus made up, the first semester mark is changed to one determined by the instructor.

An *E* course finally carries a separate permanent mark for each semester.

A year-course (with zero its second digit) may not be dropped at midyear without loss of credit; nor may it be entered except at the beginning of the year. In a year-course the mark at midyear merely indicates the student's standing at that time. The end-of-year mark is the only finally recorded mark for the course, and no credit is given until that mark is recorded.

[] Brackets indicate that the course will not be offered in 1964-65.

* An asterisk indicates that the course will probably not be offered in 1965-66.

† A dagger indicates that the course will probably be offered in 1965-66.

A schedule of hours and rooms for courses listed in this catalog is available at the registrar's office at registration periods.

Courses listed are subject to withdrawal at the discretion of the college administration.

Air Science

121, 122
AIR SCIENCE I

Air Science 121 is Social Science 121e, *Social Thinkers in the Western Tradition*. Air Science 122, *Foundations of Aerospace Power*, examines the factors of aerospace power, major ideological conflicts, requirements for military forces in being, responsibilities of citizenship, development and tradition of the military profession, role of the professional officer in American democracy, the armed forces as factors in the preservation of national security, and the United States Air Force as a factor in the security of the free world.

Leadership laboratory (both semesters): customs of the service, military courtesies, and basic drill.

221, 222
AIR SCIENCE II

Either Psychology 221, *General Psychology*; or Astronomy 103, *Descriptive Astronomy II*, may be taken for Air Science 221. Either Philosophy 212, *Logic*; or Astronomy 104, *Descriptive Astronomy II*, may be taken for Air Science 222.

Leadership laboratory (both semesters): non-commissioned officer training.

321, 322
AIR SCIENCE III

Air Science 321 is English 131d, *General Speech*. An additional hour each week is devoted to supervised research. Air Science 322, *Growth and Development of Aerospace Power*, takes up the nature of war; development of airpower in the United States; air force concepts, doctrine, and employment; astronautics and space operations; and the future development of aerospace power. An additional hour each week is devoted to supervised research.

Leadership laboratory (both semesters): Assumption of responsibilities for cadet corps activities under leadership of Air Science IV cadets.

421, 422
AIR SCIENCE IV

Air Science 421, *Introduction to International Relations*, takes up factors governing relations among nations, the role of U. N. regional security arrangements, and the role played by the armed forces in international relations. An additional period each week is concerned with weather and navigation (for participants in the flight instruction program), or other selected topics.

Air Science 422, *Military Aspects of World Political Geography*, examines the relationship between political behavior and geographical factors, assessing strengths and weaknesses of power alignments. An additional period each week is devoted to a study of *The Air Force Officer*.

Leadership laboratory (both semesters): command and operational responsibilities under supervision of the military faculty.

AIR SCIENCE 424a

For participation in leadership laboratory and other scholastic studies required, in addition to the prescribed curriculum, by the department of air science, a student may receive credit for a one semester course provided he successfully completes four years of air science subjects as an enrolled air science cadet. Grades are computed on an accumulative basis.

Art

121, 122
INTRODUCTION TO ART
STAFF

In the first semester, an analytical approach to the visual arts and the historical development of European art through the Middle Ages. In the second semester, the history of art from the Renaissance to the present.

211 (FORMERLY 231)
INTRODUCTION TO
DESIGN
MR. MEADER

Principles of visual design will be presented, discussed and put to work in basic visual problems.
Prerequisite: General aptitude and interest.
A background in drawing is not assumed.

232
INTRODUCTION TO
DRAWING AND PAINTING
MR. MEADER

A working opportunity in the creative aspect of the visual arts. The student will explore graphic media and paints while learning basic representational and expressive means. Prior drawing experience will be helpful.

252
ARCHITECTURE
MR. MILLER

A survey of architectural styles with emphasis on modern developments. Work in the course includes problems in architectural design and the making of models of historical buildings.

271
AMERICAN ART
MR. MILLER

A survey of architecture, sculpture and painting from colonial times to the present. Lectures and problems make use of the original material in the Colby collections.

†[311]
ART OF THE RENAISSANCE IN
NORTHERN EUROPE

The art of France, Germany and the Lowlands in the fifteenth and sixteenth centuries with emphasis on the major painters from Van Eyck to Brueghel. Special attention is given to the graphic arts (woodcuts and engravings) in Germany.
Prerequisite: Art 121, 122 or permission of the instructor.

*312
ART OF THE RENAISSANCE
IN ITALY
MR. MILLER

The art of the fifteenth and sixteenth centuries in Italy, with emphasis on the major painters and sculptors.
Prerequisite: Art 121, 122 or permission of the instructor.

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- †[314]
VENETIAN AND BAROQUE ART
- The art of the sixteenth to eighteenth centuries, with emphasis on the major painters.
Prerequisite: Art 121, 122 or permission of the instructor.
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- 318
EUROPEAN ART SINCE 1800
MR. CARPENTER
- In this course special attention is given to French painting of the nineteenth and twentieth centuries.
Prerequisite: Art 121, 122 or permission of the instructor.
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- 331d
STUDIO WORK
MR. MEADER
- This course will explore oil paints and other media as vehicles for fully formed original expressions. Offered each semester.
Prerequisite: Art 211, 232 and permission of the instructor.
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- 351
THE ART OF DRAWING—
PRACTICE, HISTORY
AND CRITICISM
MR. CARPENTER, MR. MEADER
- An advanced drawing course with two weekly meetings for drawing and one for lecture-discussion.
Prerequisite: Art 232.
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- 371d
ADVANCED STUDIO WORK
MR. MEADER
- Offered each semester.
Prerequisite: Art 331d and permission of the instructor.
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- 411
SEMINAR IN ART CRITICISM
MR. CARPENTER
- Primarily for seniors majoring in the department. Practice in employing critical method, reading, and discussions of various approaches to art criticism are directed toward study of the present state of knowledge in this field.
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Astronomy

IN THE DEPARTMENT OF PHYSICS AND ASTRONOMY

101, 102
DESCRIPTIVE ASTRONOMY I
MR. FAIRLEY AND STAFF

The earth as an astronomical body. The moon, the sun and the solar system as a whole. The planets, asteroids, satellites, comets and meteors. Theories of the origin of the solar system. Stellar astronomy. The stars, their distribution, constitutions, evolution, and probable future development.

Prerequisite: permission of instructor.

103, 104
DESCRIPTIVE ASTRONOMY II
MR. FAIRLEY AND STAFF

This is the course 101, 102 supplemented by regular laboratory sessions. Astronomy 103, 104 satisfies the distribution requirement in laboratory science; Astronomy 101, 102 does not.

Prerequisite: permission of instructor.

212
CELESTIAL MECHANICS AND
NAVIGATION
MR. FAIRLEY

The orbits of planets, satellites, comets, etc. Double stars and eclipsing stars. Introduction to marine and air navigation. The problem of determining position on the earth's surface by means of observations of celestial bodies. Emphasis is on modern methods.

Prerequisites: Astronomy 102 or 104 and Mathematics 112d or equivalent.

Biology

101, 102
GENERAL BIOLOGY
STAFF

An introduction to the science of biology.

221, 222
BOTANY
MR. DAVIS

Biology 221 is devoted to plant evolution, ecology and investigation of Maine flora. Considerable time is spent in the field, including one weekend trip. Students are required to make plant collections. Biology 222 emphasizes the structure and physiology of the higher plants.

Prerequisite: Biology 101, 102.

231
EMBRYOLOGY
MR. SCOTT

A study of animal development with emphasis on the vertebrates. Laboratory study involves the frog, the chick, and the pig.

Prerequisite: Biology 101, 102.

232
COMPARATIVE ANATOMY
OF THE VERTEBRATES
MR. EASTON

A study of the development of typical form in present-day vertebrates, through consideration of homologies in extinct and living animals, illustrated by dissection of representative forms. This course is organized to form a sequence with Biology 231, which the student is urged to take before 232.

Prerequisite: Biology 101, 102.

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- *252
INVERTEBRATE ZOOLOGY
MR. DAVIS
- A study of the morphology, physiology and classification of the invertebrates in lecture and in laboratory. The last few weeks of the semester are spent largely in the field, gaining familiarity with invertebrate fauna and preparing collections.
Prerequisite: Biology 101, 102.
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- 257
HISTOLOGY AND HISTOLOGICAL
TECHNIQUE
MR. EASTON
- A study of normal cells and tissues of vertebrates, and their arrangement into organs in the body, with practice in basic techniques of preparing tissues for microscopic observation.
Prerequisite: Biology 101, 102.
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- 258
MICROBIOLOGY
MR. TERRY
- The biology of yeast, molds and bacteria. The aims of the course are (1) to develop general knowledge in this area and (2) to give technical training to those who will become laboratory technicians or research workers.
Prerequisites: Biology 101, 102; Chemistry 141, 142.
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- 312
GENETICS
MR. SCOTT
- A study of mendelian principles and their physical basis; of linkage, mutation and the nature of the gene. The genetic mechanisms in evolution are a primary concern of the course.
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- 315
PHYSIOLOGY
MR. TERRY
- An introduction to the physiological processes, including enzyme action, respiration, permeability, muscular contraction, nervous and hormonal coordination.
Prerequisites: Biology 101, 102; Chemistry 141, 142.
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- 317
ECOLOGY
MR. DAVIS
- A study of the relationship of the organism to its environment. The development, structure, function and distribution of populations and communities are studied in lecture, laboratory and field. Physical and chemical characteristics of the habitats are measured. A weekend field trip is included.
Prerequisite: Biology 101, 102; Chemistry 141, 142. Biology 221, 222; and 252 are also recommended.
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- 421, 422
SPECIAL PROBLEMS
STAFF
- Normally open only to senior biology majors whose work in the department has been of better than average quality.
Prerequisite: Special permission of the department.

Business Administration

<p>221e, 222 PRINCIPLES OF ACCOUNTING MRS. FISHER</p>	<p>A study of the underlying theory and the analytical aspects of accounting. Emphasis is placed on accounting as a control device and tool of management.</p>
<p>321, 322 FINANCE MR. ZUKOWSKI</p>	<p>A basic course in business finance emphasizing the financial problems of the viable business concern. Principles of short-term finance are studied during the first semester; problems of long-range financial policy are stressed during the second. <i>Prerequisites:</i> Business Administration 221, 222 and Economics 241, 242 or special permission.</p>
<p>341, 342 ADVANCED ACCOUNTING MR. ZUKOWSKI AND MRS. FISHER</p>	<p>Advanced study of accounting with stress on analytical, interpretative, and managerial aspects of the subject. Concepts relating to major current accounting questions are examined. <i>Prerequisite:</i> Business Administration 221, 222.</p>
<p>343, 344 MARKETING INSTRUCTOR</p>	<p>An analytical approach to the study of marketing functions, activities, and institutions. Business, economic, and social implications of major policies underlying the activities of such institutions are examined. <i>Prerequisite:</i> Business Administration 221, 222 or Economics 241, 242.</p>
<p>353 MANAGERIAL ECONOMICS MR. ZUKOWSKI</p>	<p>The business decision-making process examined in an economic context. <i>Prerequisites:</i> Business Administration 221, 222 and Economics 241, 242 or special permission.</p>
<p>354 BUSINESS LAW INSTRUCTOR</p>	<p>A study of those processes of law which underlie business relationships.</p>
<p>411 FINANCIAL PROBLEMS OF THE CONSUMER MRS. FISHER</p>	<p>An examination of the principles underlying the financial problems of the individual. Relevant instruments of finance are reviewed in their institutional framework.</p>

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- 412
INVESTMENTS
MR. WILLIAMS
- The nature of investments with emphasis on the investment use of securities issued by both public authorities and private corporations.
Prerequisites: Business Administration 221, 222, 321, 322.
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- 413
ORGANIZATIONAL BEHAVIOR
INSTRUCTOR
- An examination of the existing empirical data and theoretical concepts dealing with the behavior of people in the business organization.
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- 414
BUSINESS POLICY
MR. ZUKOWSKI
- A terminal course which builds upon and integrates the core material studied by all business administration majors.
Prerequisites: Business Administration 221, 222, 321, 322 and two additional semester courses in business administration or from the approved group. (See page 71.)
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Chemistry

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- 141, 142
GENERAL CHEMISTRY
MR. MACHEMER
- Selected fundamental principles of theoretical chemistry and systematic inorganic chemistry. Second term laboratory work is devoted to semimicro qualitative analysis. No previous knowledge of chemistry or physics is necessary.
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- 221, 222
QUANTITATIVE ANALYSIS
MR. RAY
- A theoretical and practical course in fundamentals of gravimetric and volumetric methods of analysis. Laboratory, emphasis is on acquisition of manipulative skills. Lectures are devoted to principles underlying chemical analysis, literature of analytical chemistry, precision and sources of error. A minimum of six hours per week of laboratory work.
Prerequisite: Chemistry 142.
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- 223e, 224
ORGANIC CHEMISTRY
MR. REID
- A survey of the chemistry of aliphatic, aromatic and heterocyclic compounds from the point of view of synthesis, structure, properties and uses.
Prerequisite: Chemistry 142; 223 is prerequisite for 224.

312
CHEMICAL PRINCIPLES
MR. MACHEMER

Elements of physical chemistry especially planned for pre-medical students. Laboratory emphasis on quantitative physico-chemical experiments. Offered on demand by three or more students. May not be taken for credit in addition to Chemistry 321, 322.

Prerequisite: Chemistry 142, 221 or 222; Physics 142.

321, 322
PHYSICAL CHEMISTRY
MR. RAY

A study of the laws governing the physical and chemical behavior of substances, including the theories and methods of physical chemistry. Emphasis is given to the application of physical chemical principles to the solution of problems. May not be offered for credit in addition to Chemistry 312.

Prerequisite: Chemistry 142, 221, 222; Mathematics 222; Physics 142.

421, 422
ADVANCED ANALYTICAL
CHEMISTRY¹
MR. MACHEMER

Instrumental analytical chemistry, affording theoretical and practical instruction in the use of special instrumental methods, such as colorimetric, conductometric, amperometric, potentiometric, gas-volumetric, spectrophotometric, and others.

441, 442
ADVANCED PHYSICAL
CHEMISTRY¹
MR. RAY

Important topics in physical chemistry are discussed from rigorous points of view. The material can be varied to suit the needs of the student, and may include extended treatment of surface chemistry, chemical kinetics, thermodynamics, etc. Laboratory work may involve projects of a semi-research nature.

461, 462
ADVANCED ORGANIC
CHEMISTRY¹
MR. REID

The chemistry of alicyclic and heterocyclic compounds is considered from the point of view of mechanism of reaction, and includes synthesis, structural determination of natural products and molecular rearrangements. Laboratory for the first semester consists of qualitative organic analysis; for the second semester, individual semi-research projects.

467, 468
GENERAL BIOCHEMISTRY
MR. CHIPMAN

A study of the chemical components of living matter and of the major processes of cellular metabolism, including the fundamental chemical characteristics of biological compounds and enzymatic reactions. Laboratory work deals with the physical

and chemical concepts necessary to understand the nature of living systems. Opportunity for individual projects.

Prerequisites: Chemistry 224 and Biology 102, or permission of the department.

481, 482
ADVANCED INORGANIC
CHEMISTRY¹
MR. MACHEMER

Modern theories and concepts of atomic and molecular structure, with appropriate descriptive and synthetic laboratory work.

¹ All advanced courses meet for two hours of lecture and a minimum of four hours of laboratory work per week. In addition, conferences and extra readings may be required. The chemistry major should regard the advanced courses not only as opportunities for advancing and consolidating his undergraduate training, but also for gaining a foretaste of the intellectual climate common in industrial research laboratories and chemistry graduate schools.

All advanced courses have as prerequisites: Chemistry 142, 221, 222, 224, 322. Chemistry 421, 422 and 441, 442 are given only as warranted by demand.

Classics (in translation)

IN THE DEPARTMENT OF CLASSICS

These courses require no knowledge of Latin or Greek. Attention is drawn also to the course in the history of the ancient world, History 261, 262.

CLASSICS 231
CLASSICAL EPIC POETRY
MR. WESTERVELT

Reading of major works of classical poetry in translation, with particular attention to Homer. Study of the poems is accompanied by a general introduction to classical thought and mythology.

CLASSICS 232
CLASSICAL DRAMA
MR. WESTERVELT

Reading and analysis of classical tragedy and comedy, with particular attention to the tragedies of Aeschylus, Sophocles, and Euripides.

Prerequisite: Classics 231, or English 222 (or equivalent) or 281.

Economics

241e, 242
PRINCIPLES OF ECONOMICS
STAFF

An introductory course in the principles of economics and their applications to modern economic life.

Course 241 is prerequisite for 242.

321, 322
ECONOMICS OF GOVERNMENT
REGULATION
MR. BRECKENRIDGE

A study of the role of government in economic life, with emphasis upon the regulation of competition and monopoly and of public utilities.

Prerequisite: Economics 241, 242. Course 321 is prerequisite for 322.

331
INTERMEDIATE ECONOMIC
THEORY
INSTRUCTOR

A study of the theoretical concepts involved in the determination of price and output in a market economy. Analysis of both commodity and factor markets will be undertaken.

Prerequisite: Economics 241, 242.

†[333]
ECONOMIC DEVELOPMENT

The underdeveloped areas and their drive toward economic betterment. Analysis of the techniques involved and the problems to be encountered in the growth process.

Prerequisite: Economics 241, 242.

336
MODERN THEORY OF INCOME
DETERMINATION
INSTRUCTOR

A study of aggregate economic analysis, with emphasis upon the Keynesian theory of the determination of income and employment. Examination of recent post-Keynesian developments. Historical development of the theory and policies associated with it are studied and analyzed critically.

Prerequisite: Economics 241, 242.

[338]
BUSINESS FLUCTUATIONS

An analysis of the processes of economic change with particular attention to business cycles, including a study of business cycle theories with consideration to the related problem of economic growth.

Prerequisite: Economics 241, 242; and Economics 336.

341, 342 MONEY AND BANKING MR. PULLEN	A study of the role of money, credit and banking in the American economy, and the applicability of monetary policy to the problems of economic stability. <i>Prerequisite:</i> Economics 241, 242. Course 341 is prerequisite for 342.
352 TAXATION AND FISCAL POLICY MR. BRECKENRIDGE	A study of the American tax structure — federal, state and local — and of the economic effects of various types of taxes and of government fiscal policy. <i>Prerequisite:</i> Economics 241, 242.
361, 362 LABOR ECONOMICS MR. PULLEN	An analysis of the American labor movement emphasizing the development of unionism, union collective bargaining policies and practices, labor legislation, and the economic aspects of some major problems of labor. <i>Prerequisite:</i> Economics 241, 242. Course 361 is prerequisite for 362.
371 MAJOR ECONOMISTS, 1750-1900 MR. BRECKENRIDGE	An examination and appraisal of the contributions of the major economists from Adam Smith to Alfred Marshall to the development of economic thought. Extensive use of source material. <i>Prerequisite:</i> Economics 241, 242.
381, 382 INTERNATIONAL ECONOMICS INSTRUCTOR	A study of international trade theory, the balance of payments, commercial policy, and problems of international disequilibrium and adjustment. <i>Prerequisite:</i> Economics 241, 242; 381 is prerequisite for 382.
†[392] COMPARATIVE ECONOMIC SYSTEMS	An analysis of the basic types of economic systems, with special attention paid to the problems of economic planning and economic development. <i>Prerequisite:</i> Economics 241, 242.
413, 414 SPECIAL TOPICS IN ECONOMICS STAFF	Independent study devoted to a topic chosen by the student with the approval of a member of the department who agrees to serve as the student's adviser for the course. Open only to senior majors in economics. May be elected for either semester, or for the full year.

Education

IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

313
PHILOSOPHY OF EDUCATION
MR. SMITH

Philosophical positions held by theorists from Plato to Dewey; primarily for teacher candidates majoring in subjects commonly taught in high schools. Other students may elect this course with permission of instructor.

314
INTRODUCTION TO
AMERICAN EDUCATION
MR. SMITH

The American school in historical perspective with emphasis upon present-day issues and problems.

413
HUMAN GROWTH AND
DEVELOPMENT
MR. SMITH

A course in developmental psychology from the pre-natal stages through the adolescent period.

414
EDUCATIONAL PSYCHOLOGY
MR. SMITH

The learner, the learning situation and the learning process are the three major topics to be discussed in this course.
Prerequisite: Education 413.

431
EDUCATION PRACTICUM
MR. SMITH

Class discussions cover the problems and professional responsibilities of the teacher. Observation of classes in local schools is required during the first semester. Six semester hours of college credit, the equivalent of two semester courses.

Prerequisite: An average of *B* or better in student's major and permission of instructor.

Note: The practicum does not extend to art or music because, in these areas, states require an approved course in *special education* for certification. Colby does not offer such a course.

English

121e, 122
ENGLISH COMPOSITION
MR. MACKAY AND STAFF

Training in clear, accurate, and intelligent use of the English language. Required of all freshmen.

131d
GENERAL SPEECH
MR. WITHAM AND STAFF

A general course in the fundamental principles of the composition and oral delivery of speeches.

152
ADVANCED SPEECH
MR. WITHAM

A study of the work of significant figures in rhetorical theory and oratory. Rhetorical problems of composition will be emphasized.

221e, 222
INTRODUCTION TO LITERATURE
IN ENGLISH
MRS. COMPARETTI AND STAFF

A general introduction to literature in the English language through a study of selected English and American authors. Required of all sophomores.
Prerequisite: English 121.

253
ARGUMENTATION AND DEBATE
MR. WITHAM

A study of the principles of argumentation with application in extended persuasive speeches and formal debate.
Prerequisite: English 131 or permission of the instructor.

254
ORAL INTERPRETATION
MR. WITHAM

Principles of selection, analysis, and preparation of poetry, prose, and drama for oral presentation before an audience.
Prerequisite: English 221.

†[281, 282]
DEVELOPMENT OF THE THEATRE

Drama in the western world from the ancient Greek to the beginnings of modern realism. Significant plays are read and discussed against the background of developing production techniques and the social and intellectual context.
Prerequisite: English 121. Qualified students may be admitted to the second semester without the first.

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- 311
ANGLO-SAXON LITERATURE;
MEDIEVAL LITERATURE I
MR. MACKAY
- English Literature from the beginning to 1400. The first half considers *Beowulf*, selected Anglo-Saxon lyrics, Round Table material, early ballads, and selections from *Piers Plowman*. The latter half is devoted to Chaucer's *Canterbury Tales*.
Prerequisite: English 221, 222.
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- †[312]
MEDIEVAL LITERATURE II
- An intensive study of *Troilus and Criseyde* and the *Book of the Duchess*, and selections from the *Parliament of Fowls*, *House of Fame*, and *Boece*.
Prerequisite: English 311 or permission of the instructor.
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- *314
THE EARLIER RENAISSANCE
MR. MACKAY
- A brief study of a few major authors — and concepts — of the Italian Renaissance as a background to an intensive study of such authors as More, Erasmus, Wyatt, Surrey, Sidney, and Spenser.
Prerequisite: English 221, 222.
-
- *315d2
TUDOR DRAMA
MR. KOONCE
- A study of the development of English drama from 1485 to 1602. Attention is on major types and major dramatists including Heywood, Kyd, Greene, Dekker, and Marlowe.
Prerequisite: English 221, 222.
-
- 317
SHAKESPEARE
MRS. COMPARETTI
- Eight or ten representative plays of Shakespeare, with attention to their literary qualities, the development of Shakespeare as a dramatist, and the intellectual background of the Elizabethan age as reflected in his art. Designed especially for non-majors.
Prerequisite: English 221, 222.
-
- 318d1
POETRY OF THE LATER
RENAISSANCE
MR. BENBOW
- An intensive study of selected poets including Shakespeare, Donne, Jonson, Herbert, and Marvell.
Prerequisite: English 221, 222.
-
- †[319]
JACOBEAN DRAMA
- A study of the major playwrights and their relation to the intellectual background of the Jacobean period. Selected plays of Webster, Jonson, Tourneur, Middleton, and Ford are included.
Prerequisite: English 221, 222.

-
- 332
MILTON
MRS. COMPARETTI
- A study of Milton's poetry and prose.
Prerequisite: English 221, 222.
-
- †[334]
RESTORATION LITERATURE
- A study of selected works by Wycherley, Etherege, Rochester, Dryden, Butler, Locke, and other major English writers of the period from 1660 to 1700.
Prerequisite: English 221, 222.
-
- 335
THE AGE OF POPE
MR. SUTHERLAND
- A study of selected works by Defoe, Addison, Gay, Swift, Pope, Fielding, and other major English writers of the first half of the eighteenth century.
Prerequisite: English 221, 222.
-
- *336
FROM JOHNSON THROUGH BLAKE
MR. SUTHERLAND
- A study of selected works by Johnson, Boswell, Sterne, Gray, Smart, Blake, and other major English writers of the period from 1750 to 1798. Qualified students may be admitted to the second semester without the first.
Prerequisite: English 221, 222.
-
- 351
WORDSWORTH AND HIS
CONTEMPORARIES
MR. CHAPMAN
- A study of selected writings of Wordsworth, Coleridge, Lamb, and Hazlitt. Emphasis will be mainly on romantic poetry and criticism.
Prerequisite: English 221, 222.
-
- 352
BYRON, SHELLEY, AND KEATS
MR. CHAPMAN
- A study of the development and chief works of Byron, Shelley, and Keats.
Prerequisite: English 221, 222.
-
- 353
VICTORIAN LITERATURE:
LITERATURE AND BELIEF
MRS. SAVAGE
- The effect of the Victorian conflict on literature and on the writer is explored in terms of Carlyle, Tennyson, Matthew Arnold, Hopkins, and Hardy.
Prerequisite: English 221, 222.
-
- 354
VICTORIAN LITERATURE:
THE COMIC SPIRIT
MRS. SAVAGE
- A study of the comic tradition in the nineteenth century novel and drama, with particular attention to Thackeray, Dickens, Meredith, Wilde, and Shaw.
Prerequisite: English 221, 222.

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- †[361, 362]
EARLY TWENTIETH CENTURY
POETRY AND FICTION
- In the first semester realism, naturalism, and impressionism are studied in selected works by Hardy (poetry), Housman, Robinson, Frost, Dreiser, Conrad, and other major writers. In the second semester image, symbol, and vision are studied in selected works by Hart Crane, Pound, Joyce, Eliot, Yeats, Lawrence, and others.
- Prerequisite:* English 221, 222. Qualified students may be admitted to the second semester without the first.
-
- *363, 364
CONTEMPORARY POETRY AND
FICTION
MR. YOKELSON AND
INSTRUCTOR
- In the first semester the post-war temper is considered in selected works by Huxley, Fitzgerald, Hemingway, Eliot, Jeffers, and others. In the second semester the search for new bearings is studied in selected works by Eliot, Auden, Thomas, Faulkner, Steinbeck, Dos Passos, and others.
- Prerequisite:* English 221, 222. Qualified students will be admitted to the second semester without the first. (English and American literature majors may have credit toward the major for only two semesters of 361, 362, 363, 364, but may have course credit for all four semesters.)
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- *365, 366
MODERN DRAMA
MR. SUSS
- The modern theatre in America and Europe, approached through critical reading and discussion of the outstanding plays of the late nineteenth and the twentieth centuries, with lectures on the important theatrical movements of the time.
- Prerequisite:* English 221, 222. Qualified students may be admitted to the second semester without the first.
-
- 367, 368
SURVEY OF AMERICAN
LITERATURE
MR. WEES
- Historical survey of American literature from colonial times to the present. Designed especially for non-majors.
- Prerequisite:* English 221, 222.
-
- 371
EARLY AMERICAN AUTHORS
MR. BRANCACCIO
- Selected prose and poetry from the Puritan period, the Age of Reason, and the pre-romantic movement in American literature.
- Prerequisite:* English 221, 222.
-
- 372
THREE AMERICAN NOVELISTS
MR. YOKELSON
- Significant works of Mark Twain, Henry James, and Stephen Crane are read as forerunners of the social, psychological, and naturalistic fiction of the twentieth century.
- Prerequisite:* English 221, 222.

-
- 373
THE ENGLISH NOVEL I
MR. MATHEWS
- A study of selected major novels by Richardson, Fielding, Smollett, Sterne, Austen, and other writers of the eighteenth and early nineteenth centuries. Designed especially for non-majors.
Prerequisite: English 221, 222.
-
- 374
THE ENGLISH NOVEL II
MR. MATHEWS
- A study of selected major novels by Dickens, Thackeray, Eliot, The Brontes, Trollope and other writers of the period from the mid-nineteenth century to the early twentieth century. Designed especially for non-majors.
Prerequisite: English 221, 222.
-
- *376
HISTORY OF THE ENGLISH
LANGUAGE
MR. MACKAY
- An historical study of the vocabulary and grammar of English, its sources and its modern trends.
Prerequisite: English 121 and at least one year of foreign language completed in college or exemption from foreign language requirement by passing the reading knowledge examination.
-
- 378d
EXPOSITORY WRITING
INSTRUCTOR
- A course designed to help the student in any major field to become more proficient in the kind of writing demanded in professional life. Offered each semester.
Prerequisite: English 121.
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- †[381, 382]
WRITERS' WORKSHOP
- Practice in the writing of short stories based on a critical study of the development of the form in Europe and America during the nineteenth and twentieth centuries. Consideration is given to other forms of writing.
Prerequisite: English 221, 222.
-
- *383, 384
WRITERS' WORKSHOP
INSTRUCTOR
- Practice in the writing of poetry. Study of some modern poets and aspects of the art of poetry. Major emphasis on student manuscripts.
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- †[413]
PRINCIPLES OF LITERARY
CRITICISM
- Study of a sequence of critics, beginning with Aristotle, to discover principles of analysis, interpretation, and judgment of literary works, especially plays and poetry. This course is classified among those presenting materials from periods before 1800.

421, 422

SHAKESPEARE

MR. BENBOW, MR. STRIDER

A study of selected plays with special attention to the intellectual background and to Shakespeare's development as a dramatist. In the first semester, a study of histories, romantic comedies, and early tragedies; in the second, problem comedies, tragedies, and romances. 422 may be elected separately, by permission of the instructor.

423, 424

MAJOR AMERICAN ROMANTICS

MR. CARY

A study of the golden age of romanticism in American literature. In the first semester, representative works of Poe, Emerson, Thoreau; in the second semester, Whitman, Melville, Hawthorne. The first semester may be taken alone but is a prerequisite for the second.

Prerequisite: English 221, 222.

French

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102

ELEMENTARY FRENCH

STAFF

Introduction to the language by an audio-lingual method, with emphasis on understanding, speaking, and reading. Use of taped materials in the language laboratory is a regular part of the class work.

103, 104

INTERMEDIATE FRENCH

STAFF

Continued practice in the oral-aural skills; increasing emphasis on reading (short stories) and writing. These studies, and the review of grammar, are supplemented with drill work in the laboratory. (Special sections afford additional opportunity to increase oral fluency.)

Prerequisite: French 101, 102 or two years of high-school French and appropriate score on the placement test.

125, 126

INTRODUCTION TO FRENCH
LITERATURE

STAFF

Study of the development of the major genres from the Middle Ages to the 20th century. Classwork devoted to intensive reading and *analyse de texte*. Extensive reading outside of class. Discussion and compositions are chiefly in French.

Prerequisite: French 103, 104 or three years of high-school French and appropriate score on the placement test. Qualified students may be admitted to the second semester without the first.

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- 211d
FRENCH COMPOSITION
STAFF
- Extensive practice in oral and written composition; some translation from English to French. Attention to some finer points of grammar and elements of style. Offered each semester.
Prerequisite: French 125, 126 or consent of the instructor.
-
- [223, 224]
CONVERSATIONAL FRENCH
- Practice in oral French for students whose main interest is in the spoken language. Development of vocabulary by means of oral and written reports based on the culture and life of modern France. Discussion of current events to develop free oral expression. Training in grammatical and idiomatic construction. Conducted in French.
Prerequisite: French 125, 126, or consent of the instructor.
-
- 241, 242
CONTEMPORARY FRENCH
LITERATURE
STAFF
- Introduction to literature of the 20th century, with representative works in prose, poetry, and theater. Conducted chiefly in French.
Prerequisite: French 125, 126.
-
- †[341, 342]
FRENCH LITERATURE OF THE
SEVENTEENTH CENTURY
- Study of the development of French classicism; particular attention to Descartes, Corneille, Moliere, Pascal, La Fontaine, and Racine. Collateral readings on the social and historical background. Conducted chiefly in French. (Not open to students with credit for French 221, 222.)
Prerequisite: French 241, 242 or consent of the instructor.
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- *343, 344
FRENCH LITERATURE OF THE
EIGHTEENTH CENTURY
MR. KELLENBERGER
- Study of the philosophical movement in France, with particular attention to Montesquieu, Voltaire, Diderot, and Rousseau. Literary history of the age with readings from important works in the field of belles-lettres. Conducted chiefly in French.
Prerequisite: French 241, 242 or consent of the instructor.
-
- †[345, 346]
FRENCH NON-FICTION OF
THE NINETEENTH CENTURY
- Study of the various literary movements and major poets, dramatists, and critics of the 19th century. Conducted chiefly in French.
Prerequisite: French 241, 242 or the consent of the instructor.
-
- *347-348
THE FRENCH REALISTIC
NOVEL
MR. BUNDY
- Study of the form and development of the realistic novel in France in the 19th and early 20th centuries, from Stendhal through Balzac, Flaubert, Zola to Proust. Conducted chiefly in French.
Prerequisite: French 125, 126.

357
THE CONTEMPORARY FRENCH
THEATER
MR. SMITH

The development of French drama from the Theatre Libre to the present. Plays representative of the various movements, chosen from the works of Maeterlinck, Porto-Riche, Currel, Claudel, Romain, Lenormand, Sarment, Cocteau, Giraudoux, Montherlant, Sartre, and others. Conducted chiefly in French.
Prerequisite: French 241, 242 or consent of the instructor.

358
THE CONTEMPORARY
FRENCH NOVEL
MR. SMITH

The French novel from 1900 to the present day, with special emphasis on Gide, Mauriac, Saint-Exupery, and Camus. Conducted chiefly in French.
Prerequisite: French 241, 242 or consent of the instructor.

411
TEACHING OF FRENCH
AND SPANISH IN THE
SECONDARY SCHOOL
MR. BUNDY

Problems and methods of teaching French and Spanish. Readings, discussions, practice work, and criticism. Some attention is also directed to the FLES program. Counts as three hours in education toward the Maine Secondary Certificate. Conducted in English.
Prerequisite: French 241, 242 or Spanish 221, 222 or Spanish 321, 322.

†[412]
ADVANCED COMPOSITION
AND STYLISTICS

Study of the characteristics of French style as seen in various authors. Representative readings and free composition, with some work in the history of the language. Conducted in French.
Prerequisite: Consent of the instructor.

491, 492
TOPICS IN FRENCH
LITERATURE
STAFF

Topics, which change each semester, may cover an author, a genre, or a literary movement. Topics for 1964-65: 491, Diderot; 492: Studies in the comic: Moliere, Marivaux and Beaumarchais. Conducted on a seminar basis.

Geology

101, 102
INTRODUCTION TO GEOLOGICAL
SCIENCE
STAFF

A study of some of the fundamental contributions of geological science to the understanding of the Earth.

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- *112
METEOROLOGY
MR. KOONS
- Study of the physical properties of the atmosphere; the origin and classification of weather types; air mass analysis and principles of prediction. Does not satisfy the science requirement.
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- 211
SEDIMENTATION AND
SEDIMENTARY ROCKS
MR. COLEMAN
- A study of the mechanical and chemical processes of sedimentation, environments, methods of mechanical analysis of sediments, and a description and classification of the sedimentary rocks.
Prerequisite: Geology 102.
-
- 212
DESCRIPTIVE MINERALOGY
MR. HICKOX
- Description of the crystallography, physical properties, and chemical structure of minerals.
Prerequisite: Chemistry 141.
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- *221, 222
MAP INTERPRETATION AND
GEOMORPHOLOGY
OF THE UNITED STATES
MR. KOONS
- Systematic study of the origin, history, and classification of landforms, based on study of topographic maps of the United States leading to an analysis of the structure and geologic history of the geomorphic provinces of the United States.
Prerequisite: Geology 102.
-
- 241, 242
GEOLOGIC STRUCTURES AND
FIELD METHODS
MR. KOONS
- Analysis of rock structures and their significance, with a study of techniques of field mapping.
Prerequisite: Geology 102.
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- 251
PALEONTOLOGY
MR. COLEMAN
- Systematic study of fossils; evolution; the use of fossils in geologic correlations.
Prerequisite: Geology 102 or Biology 102.
-
- †[271]
GLACIAL GEOLOGY
- Study of the origin and development of glaciers, with special attention to the Pleistocene of New England. An extended field mapping problem will be assigned.
Prerequisite: Geology 102, 211.
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- 311
OPTICAL MINERALOGY
INSTRUCTOR
- Study of the optical properties of crystals; technique in the determination of minerals using the petrographic microscope.
Prerequisite: Geology 212.

312
PETROLOGY OF THE IGNEOUS AND
METAMORPHIC ROCKS
INSTRUCTOR

Optical study of the igneous and metamorphic rocks, and their origin, structure, and composition.
Prerequisite: Geology 311.

*313
ECONOMIC GEOLOGY
MR. HICKOX

Study of formation, classification, and distribution of metallic and nonmetallic mineral deposits, petroleum, and coal.
Prerequisite: Geology 212.

†[314]
PETROLEUM GEOLOGY

A study of the origin, occurrence, and production of petroleum, natural gas, and related compounds. Attention is given to methods of discovery and correlation of petroliferous rocks.
Prerequisite: Geology 211.

†[316]
PHYSICS OF THE EARTH

Rigorous study of physical processes operating in the earth's interior, at the surface, and in the atmosphere.
Prerequisite: Geology 242.

352
STRATIGRAPHY
MR. COLEMAN

Study of the history of sedimentary rocks and the development of the North American continent; index fossils and their significance.
Prerequisite: Geology 211, 251.

461, 462
SPECIAL PROBLEMS IN GEOLOGY
STAFF

Field and laboratory problems in geology, with regular reports and a final written report.
Prerequisite: Permission of the instructor.

German

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102
ELEMENTARY GERMAN
MR. BITHER AND STAFF

Introduction to the language by an audio-lingual method, with emphasis on understanding, speaking, and reading. Use of taped materials in the language laboratory is a regular part of the class work.

103, 104
INTERMEDIATE GERMAN
STAFF

Continued practice in the oral-aural skills; increasing emphasis on reading and writing through use of modern prose and poetry. These studies, and the review of grammar, are supplemented with drill work in the laboratory. (Special sections have additional opportunity to increase oral fluency.)

Prerequisite: German 101, 102 or two years of high-school German and appropriate score on the placement test.

107, 108
CONVERSATION,
COMPOSITION,
AND READING
MR. SCHMIDT

Practice in speaking and writing German. Collateral reading in prose selected to meet the individual needs of students majoring in other fields. One hour per week of conversational laboratory. Conducted chiefly in German.

Prerequisite: German 103, 104, or three years of high school German, or special permission.

*343, 344
GERMAN LITERATURE OF THE
EIGHTEENTH CENTURY
MR. BITHER

The literature of the classical period: Klopstock, Wieland, Herder, Lessing, Goethe, and Schiller. Emphasis on a detailed study of the masterpieces of Goethe and Schiller. Conducted chiefly in German.

Prerequisite: German 107, 108 or special permission.

345, 346
GERMAN LITERATURE OF THE
NINETEENTH CENTURY
MR. TATEM

Characteristic works of representative men, including Novalis, Tieck, Schlegel Brothers, Eichendorff, Ruckert, Korner, Uhland, Kleist, Heine, Ludwig, Grillparzer, Hebbel, and Hauptmann. Literary movements: romanticism, Young Germany, realism, naturalism. Conducted chiefly in German.

Prerequisite: German 107, 108 or special permission.

†[347, 348]
CONTEMPORARY GERMAN
LITERATURE

Critical study of leading literary trends from naturalism to the new realism, with emphasis on the contribution of expressionism. Reading and interpretation of representative works of Thomas Mann, Hesse, H. v. Hofmannsthal, Werfel, Kafka, E. Junger, and others. An attempt is made to trace the effect of the past two wars on German literature. Oral and written reports. Conducted chiefly in German.

Prerequisite: German 107, 108 or special permission.

491, 492
TOPICS IN GERMAN
LITERATURE
MR. SCHMIDT

Topics vary from year to year, and may cover an author, a genre, or a literary movement. Each year one of the topics is Goethe's *Faust*. Conducted on a seminar basis.

Prerequisite: Consent of the instructor.

Government

IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

SOCIAL SCIENCE

121e, 122

SOCIAL THINKERS IN THE
WESTERN TRADITION

This is the beginning course in government. (See page 130 for description.)

233

EUROPEAN CONSTITUTIONAL
GOVERNMENTS

MR. ROTHCHILD

A comparative study of the governmental structure and politics of Great Britain, France, Germany and other selected European countries.

Prerequisite: Social Science 121e, 122 or a course in European history, or special permission.

234

AMERICAN NATIONAL
GOVERNMENT

INSTRUCTOR

An examination of the national political process in theory and practice. Special attention will be given to the Presidency, Executive, Congress and the Supreme Court as political institutions, and to the role of parties and pressure groups.

Prerequisite: Social Science 121e, 122 or Government 233 or special permission.

321, 322

POLITICAL THEORY

MR. MAVRINAC

An analysis of some of the principal approaches to the nature of the political order, with emphasis on the historical delineation of the fundamentals of constitutional theory.

Prerequisite: Social Science 121e, 122; or a previous course in government; or special permission.

323, [324]

AMERICAN CONSTITUTIONAL
LAW

MR. MAVRINAC

A study of the United States Supreme Court and of constitutional litigation as part of the American political process.

Prerequisite: Government 234 or special permission.

*333

TOTALITARIAN GOVERNMENT
AND POLITICS

MR. MAVRINAC

The ideological framework and organization and operation of political institutions such as those of the Communist world, Nazi Germany and Fascist Italy, with major attention given to Russia.

Prerequisite: a previous course in government, preferably Government 233, or special permission of the instructor.

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- 335
INTERNATIONAL RELATIONS
MR. ROTHCHILD
- A course in the principles of international politics, stressing such topics as the balance of power, collective security, diplomacy and nationalism.
Prerequisite: a previous year course, or equivalent, in government or European history, or special permission of the instructor.
-
- 336
INTERNATIONAL ORGANIZATION
MR. ROTHCHILD
- An examination of such international institutions as the League of Nations, the United Nations, NATO, and of the principles of international law, with special emphasis on contemporary efforts to create a world community under law.
Prerequisite: a previous course in government, or special permission of the instructor. Government 335 is a prerequisite to Government 336.
-
- 354
GOVERNMENTS OF MODERN
AFRICA
MR. ROTHCHILD
- An analysis of political systems in Africa south of the Sahara Desert.
Prerequisite: one year-course, or equivalent, in history or government, or special permission of the instructor.
-
- †[355]
POLITICAL PARTIES
- A study of American political parties, with emphasis on campaigns and elections.
Prerequisite: one year-course or equivalent, in history or government, or special permission of the instructor.
-
- *357
POLITICAL BEHAVIOR
INSTRUCTOR
- An interdisciplinary approach, emphasizing recent theoretical and empirical contributions to an understanding of personal and group behavior in a political context. This course is also applicable, as a course in sociology, toward the major in that department.
Prerequisite: Government 234 or Sociology 221e, 222.
-
- [371]
PUBLIC ADMINISTRATION
- An introduction to the operational side of government with special attention to the American national government.
Prerequisite: Government 234, or special permission.
-
- †[377]
SPECIAL PROBLEMS IN LOCAL
GOVERNMENT
- While the problems dealt with in this course vary from year to year, the general orientation is to a theoretical consideration of the local government process as a part of the general political process in a society. Generally the constitutional society

will be the point of reference, and the comparative experience of America, England and France will be emphasized. From time to time consideration is given to the analogous problem in the totalitarian society.

Prerequisite: one year-course, or equivalent, in government, or special permission.

392
THE LEGAL PROCESS
MR. MAVRINAC

A study of legal reasoning, legal development and institutional-human dynamics in the legal situation. The relation of law to political philosophy, ethics and the behavioral sciences. Materials from public and private law, and from the continental as well as Anglo-Saxon systems. Intended primarily for students not anticipating a law career.

Prerequisite: permission of the instructor.

411d2
TOPICS IN
GOVERNMENT
STAFF

A study of government through special topics.

Prerequisite: Government major and special permission of the department chairman.

*414
SEMINAR IN COMPARATIVE
GOVERNMENT
MR. ROTHCHILD

An advanced study of selected problems in the field of comparative government, with special emphasis placed on original research by each student in the course.

Prerequisite: permission of the instructor.

435
SEMINAR IN AMERICAN
NATIONAL GOVERNMENT AND
POLITICS
INSTRUCTOR

A consideration of the American national government as organization and process, and of the elements of national political life.

Prerequisite: Government 234 or special permission.

†[458]
FOREIGN POLICY OF THE UNITED
STATES

A seminar in the problems of planning and executing American foreign policy.

Prerequisite: Government 234, or equivalent; or Government 335, or equivalent; or special permission.

Greek

IN THE DEPARTMENT OF CLASSICS

101, 102
ELEMENTARY GREEK
MR. WESTERVELT AND
MRS. KOONCE

Introduction to the language.

121, 122
INTERMEDIATE GREEK
MR. WESTERVELT AND
MRS. KOONCE

Reading in Greek prose and poetry.

Prerequisite: Greek 101, 102 or two years of secondary school Greek. This course is normally a prerequisite for all courses listed below.

[281a, 282a]
GREEK PROSE STYLE

Exercise in composition, based on reading of Greek prose.
Credit: one semester course. Offered on request.

351, 352
GREEK LITERATURE
STAFF

One or more of the following subjects are offered each year either as a full year course or as a one semester course. The subjects not offered in class may, with the approval of the instructor, be taken on an individual basis. Subjects available are:

Epic Poetry: primarily the *Iliad* and *Odyssey* of Homer.

Lyric Poetry: the Greek lyric, iambic, and elegiac poets, with particular emphasis on Pindar.

Tragedy: tragedies of Aeschylus, Sophocles, and Euripides.

Comedy: comedies of Aristophanes and Menander.

Historians: primarily Herodotus and Thucydides.

Philosophers: primarily Plato and Aristotle.

Orators and Later Prose Writers: primarily the Attic orators.

411, 412
INDEPENDENT READING IN GREEK
STAFF

Reading in a field of the student's interest, with essays and conferences.

History

IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

SOCIAL SCIENCE

121e, 122

SOCIAL THINKERS IN THE
WESTERN TRADITION

This is the beginning course in history. (See page 130 for description.)

231

MEDIEVAL CIVILIZATION,

476-1300

MR. BERSCHNEIDER

A history of Western Europe from the decline of Roman unity to the Renaissance, with emphasis on Catholic, Byzantine and Moslem influences, as a study in which characteristic western institutions took shape in a general social advance.

232

RENAISSANCE AND REFORMATION

1300-1648

MR. BERSCHNEIDER

An intellectual and cultural history of the period of transition from the medieval to the modern world.

237

THE EMERGENCE OF MODERN
BRITAIN, 1688-1867

MR. GILLUM

England and her colonies during the American, French and Industrial Revolutions.

238

MODERN BRITAIN AND THE
COMMONWEALTH OF NATIONS

MR. GILLUM

Modern Britain in the Age of Imperialism and the era of World Wars, from 1867 to the present.

253

SOCIAL AND CULTURAL HISTORY
OF ENGLAND

MR. GILLUM

English history, with particular attention to the social and cultural backgrounds of English intellectual and literary achievements.

This course cannot be counted toward fulfillment of the major requirement in history or government.

261e, 262

HISTORY OF THE ANCIENT WORLD

MRS. KOONCE

An introduction to the classical world through a political and institutional analysis of ancient life. First semester: Greece; second semester: the Roman Republic and Empire.

Prerequisite: none; open to freshmen with the permission of the instructor.

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- 281e, 282
HISTORY OF THE UNITED STATES,
1492 TO THE PRESENT
MR. BRIDGMAN
- United States history, from the Age of Discovery to the present day. Although chronological symmetry is maintained, a special effort is made to show the value of political, constitutional, diplomatic, social and economic interpretations.
-
- *323, 324
DIPLOMATIC HISTORY, 19TH AND
20TH CENTURIES
MR. BERSCHNEIDER
- The modern state system and the diplomatic relations existing among major powers. The first semester examines the development of power politics and European hegemony in what is known as the *old diplomacy*. The second semester emphasizes the *new diplomacy*, the waning of European hegemony and the growth of regional and world organizations.
- Prerequisite:* a one-year course, or equivalent, in history or government, or special permission of the instructor.
-
- *334
MIEVIAL ENGLAND: THE
ORIGINS OF THE COMMON LAW
MR. GILLUM
- English history, from the Saxon invasion to 1485, as a background to the development of the principles of the Common Law. Open to sophomores by permission.
-
- †[336]
TUDOR-STUART ENGLAND
- The contest of religious doctrines and the conflict of political concepts, from the Renaissance monarchy of Henry VII to the "Glorious Revolution" of 1688. Open to sophomores by permission.
-
- 341, 342
HISTORY OF RUSSIA AND THE
U.S.S.R.
MR. RAYMOND
- The expansion of the Russian state and the political and social development of the Russian people under the Tsarist and Soviet regimes.
- Prerequisite:* one year-course, or equivalent, in history or government or special permission of the instructor. History 341 is a prerequisite for History 342.
-
- †[353]
CONTEMPORARY EUROPE,
1914 TO THE PRESENT
- The political, social and economic history of Europe in the twentieth century. Emphasis is placed on Europe as a principal scene of the conflict of contemporary revolutionary dogmas.
- Prerequisite:* one year-course, or equivalent, in history or government, or special permission.

†[354] INTELLECTUAL AND CULTURAL HISTORY OF MODERN EUROPE	A study of the principal trends and leaders of new thought (Darwin, Marx, Freud <i>et al.</i>) with emphasis on late-nineteenth and twentieth century intellectual developments.
356 MODERN FRANCE AND ITALY MR. BERSCHNEIDER	Emphasis placed on the theme of Liberalism and the challenges of Fascism and Communism from 1848 to the present. <i>Prerequisite:</i> one year-course, or equivalent in history, or permission of the instructor.
363, 364 CULTURAL HISTORY OF JAPAN INSTRUCTOR	Pre-modern and modern phases of Japanese history. <i>Prerequisite:</i> a previous course in history; 363 is prerequisite for 364.
372 THE FRENCH REVOLUTION AND NAPOLEON MR. RAYMOND	An examination of European history from 1789 to 1815, with emphasis on political and social developments in France. <i>Prerequisite:</i> one-year course, or equivalent, in history or government, or special permission.
381, 382 MODERN GERMANY MR. GILLUM	The governmental and economic development and the international influence of Germany from 1848 to the present time. <i>Prerequisite:</i> one year-course, or equivalent, in history or government, or special permission. This course is not open to students who have received credit for History 374. History 381 is a prerequisite for History 382.
†[391] THE WESTWARD MOVEMENT 1763-1896	Emphasis placed on the West as a laboratory for political and economic experimentation.
*392 CONTEMPORARY AMERICA MR. BRIDGMAN	The political history of the United States from 1929 to the present. <i>Prerequisite:</i> History 281e, 282, or special permission.
*393 THE SOUTH IN UNITED STATES HISTORY, 1819-1896 MR. BRIDGMAN	Selected topics in the history of the South and its peculiar institutions, during a period of incomplete transition from agrarianism to industrialism. <i>Prerequisite:</i> History 281e, 282, or special permission.

†[394]
SOCIAL AND CULTURAL HISTORY
OF THE UNITED STATES,
1900-1929

Selected topics illustrating the changing social organization and cultural assumptions of twentieth century Americans.
Prerequisite: History 281e, 282, or special permission.

405, 406
SEMINAR IN AMERICAN HISTORY
MR. BRIDGMAN

Special topics in American history.
Open by permission.

411d
TOPICS IN HISTORY
STAFF

A study of history through special topics.
Prerequisite: history major and special permission of the department chairman.

415
SEMINAR IN
EUROPEAN HISTORY
MR. BERSCHNEIDER

Methods of historical research and critical study of sources and documents in a special topic of European history.
Open by permission.

433
SEMINAR IN
ENGLISH HISTORY
MR. RAYMOND

Reading and research on various topics in English history, with special attention devoted to political history in the nineteenth century.
Open by permission.

Humanities

DIVISIONAL COURSES

101, 102
PROBLEMS IN CREATIVE
THINKING
MR. RAYMOND AND STAFF

Designed to show the methods and thought processes in several academic fields (science, history, philosophy, the arts, etc.). Students proceed through five units involving problems developed by the class and members of the faculty. The class is encouraged to develop hypotheses rather than to seek authority. **Limited enrollment.**

Italian

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

211d2

DANTE

MR. KELLENBERGER

A study of the *Divina Commedia* as the literary masterpiece of the Middle Ages. The course will draw upon the philosophy, art, and literature of the period to illustrate the meaning of this work. Lectures, reports, and discussions. Readings in English translation; no knowledge of the Italian language required.

Prerequisite: major in a foreign language or in English or American literature; or English 222 or subsequent course in English or American literature with a mark of C or higher.

†[212]

ITALIAN LITERATURE OF THE
RENAISSANCE

Reading and interpretation of the major literary works from the 14th to the 16th century. The *Decamerone* of Boccaccio, the *Rime* of Petrarca, the *Orlando Furioso* of Ariosto, the *Principe* of Machiavelli, the *Cortegiano* of Castiglioni, and the *Gerusalemme Liberata* of Tasso. Lectures, reports, and discussions. Readings in English translation; no knowledge of Italian required.

Prerequisite: Major in a foreign language or in American or English literature; or English 222 or subsequent course in English or American literature with a grade of C or higher.

Latin

IN THE DEPARTMENT OF CLASSICS

101, 102

ELEMENTARY LATIN

STAFF

Introduction to the language. Open to students who have studied no Latin and to others as specified on page 16.

121, 122

INTERMEDIATE LATIN

MR. WESTERVELT AND

MRS. KOONCE

First semester devoted to reading of Cicero, with a systematic review of vocabulary and grammar; second semester to reading of Vergil's *Aeneid*.

Prerequisite: Latin 101, 102 or two years of secondary school Latin. Students offering three or four years of Latin may take 121, 122 if not adequately prepared for 141, 142.

141, 142
INTRODUCTION TO
LATIN LITERATURE
STAFF

Introduction to the history of Latin literature through reading and critical analysis of representative works of major authors and literary types.

Prerequisite: Latin 122 or four years of secondary school Latin. Students offering three years of Latin may take 141, 142 with permission of the department. This course is normally a prerequisite for all courses listed below.

[281a, 282a]
LATIN PROSE STYLE

Exercises in composition, based on reading of Latin prose. Credit: one semester course. Offered on request.

351, 352
LATIN LITERATURE
STAFF

One or more of the following subjects are offered each year, either as a full year course or as a one semester course. The subjects not offered in class may, with the approval of the instructor, be taken on an individual basis. Subjects available are:

Lyric Poetry: Catullus, the *Odes* of Horace, and other lyric poetry.

Dramatic Poetry: Comedy (Plautus and Terence) and tragedy (Seneca).

Elegy: Tibullus, Propertius, and Ovid.

Satire: The *Satires* and *Epistles* of Horace and other Latin satirical prose and poetry.

Philosophical Poetry and Prose: The *De Rerum Natura* of Lucretius, the philosophical writings of Cicero and Seneca, and the *Confessions* of St. Augustine.

Historians: primarily Livy and Tacitus.

Caesar and Cicero: political careers of Caesar and Cicero and relations between them, studied in their writings.

Rhetoric: Speeches of Cicero studied in connection with his rhetorical writings as well as those of Tacitus and Quintilian.

Vergil: the poems of Vergil, including *Eclogues*, *Georgics* and *Aeneid*, with some attention to post-Vergilian epic.

Medieval Latin: readings in post-classical Latin, particularly intended for students of Medieval and Renaissance history.

411, 412
INDEPENDENT READING IN LATIN
STAFF

Reading in a field of the student's interest, with essays and conferences.

Mathematics

- 111
ELEMENTARY FUNCTIONS
STAFF
- The elementary mathematical functions and selected topics from college algebra, plane analytic trigonometry, and plane analytic geometry.
Prerequisite: three years of college preparatory mathematics.
-
- 112d
CALCULUS I
STAFF
- A continuation of Mathematics 111 and an introduction to elementary differential and integral calculus. Offered each semester.
Prerequisite: Mathematics 111 or satisfactory achievement in the mathematics placement examination (see page 17).
-
- 211d
CALCULUS II
STAFF
- Further study of differential and integral calculus, with selected applications. Offered each semester.
Prerequisite: Mathematics 112d.
-
- 212d
CALCULUS III
STAFF
- A continuation of Mathematics 211d. Offered each semester.
Prerequisite: Mathematics 211d.
-
- 241, 242
ELEMENTARY STATISTICS
MR. HAYSLETT
- Descriptive statistics; probability; binomial, Poisson, and normal distributions; sample theory; confidence intervals; regression; correlation; statistical design. Not open to mathematics majors.
Prerequisite: Mathematics 112d.
-
- †[243, 244]
FINITE MATHEMATICS
- Selected topics from modern mathematics useful in the biological and social sciences; including probability, elements of modern algebra, and an introduction to linear programming and the theory of games. Statistics is not treated, but is offered in other courses. Not open to mathematics majors.
Prerequisite: Mathematics 112d.
-
- 311d
DIFFERENTIAL EQUATIONS
MR. JUNGHANS
- Solutions of elementary differential equations and an introduction to partial differential equations. Offered each semester.
Prerequisite: Mathematics 212d.

<p>312 INTRODUCTORY APPLIED MATHEMATICS MR. JUNGHANS</p>	<p>Selected topics in applied mathematics, including vector analysis, Bessel functions, Fourier series, and solutions of differential equations by means of infinite series. <i>Prerequisite:</i> Mathematics 311d.</p>
<p>361, 362 HIGHER ALGEBRA MRS. ZUKOWSKI</p>	<p>Vector spaces, linear transformations, and matrices, with their applications in modern abstract algebra. <i>Prerequisite:</i> Mathematics 212d.</p>
<p>*381, 382 INTRODUCTION TO MATHEMATICAL STATISTICS MR. HAYSLETT</p>	<p>Elementary probability theory; large-sample theory; small-sample theory; maximum likelihood estimates; confidence intervals; regression; correlation; statistical design. <i>Prerequisite:</i> Mathematics 212d.</p>
<p>421, 422 ADVANCED CALCULUS MR. COMBELLACK</p>	<p>More advanced topics of calculus, including maxima and minima in three and higher dimensions, Jacobians, curvilinear coordinates, special definite and improper integrals, beta function, gamma function, complex variables. <i>Prerequisite:</i> Mathematics 311d.</p>
<p>423, 424 HIGHER GEOMETRY MRS. ZUKOWSKI</p>	<p>A study of various geometries, with emphasis on algebraic methods. <i>Prerequisite:</i> Mathematics 361, 362.</p>
<p>441, 442 SPECIAL TOPICS STAFF</p>	<p>Content varied to meet the needs and interests of individual students; such topics as theory of functions of a real or complex variable, theory of numbers, calculus of finite differences. <i>Prerequisite:</i> Mathematics 311d and special permission.</p>

Music

<p>101, 102 BAROQUE, CLASSICAL AND ROMANTIC MUSIC STAFF</p>	<p>A course intended for the greater understanding and enjoyment of music. Emphasis on musical style and historical background evident in the works of Bach, Handel, Mozart and the romantic composers. Reading and listening assignments.</p>
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115d MEDIEVAL AND RENAISSANCE MUSIC INSTRUCTOR	The history and development of music from Gregorian chant to the baroque period. Consideration of such forms as the motet, madrigal and the mass. Reading and listening assignments. Offered each semester.
121, 122 THEORY AND PRACTICE OF MUSIC STAFF	A course in musical notation, clefs, scales, intervals and chord structure. Elements of music design and harmony. <i>Prerequisite:</i> permission of the department.
211 HARMONY MR. RE	Harmonization of given and original melodies; analysis of compositions selected from major composers. <i>Prerequisite:</i> Music 121, 122.
212 ADVANCED HARMONY MR. RE	Continuation of 211 with special emphasis on keyboard harmony. <i>Prerequisite:</i> Music 211.
†[216] COUNTERPOINT	A course dealing with the principles of melodic combinations. Illustrations from major works of contrapuntal art. <i>Prerequisite:</i> Music 211.
†[301, 302] THE VIENNESE CLASSICISTS	Emphasis on the instrumental works of Haydn, Mozart, Beethoven and Schubert. Study of form, reading of scores, harmonic analyses and some conducting techniques. <i>Prerequisite:</i> Music 101, 102.
*305, 306 OPERA AND ORATORIO MR. COMPARETTI	The history and development of opera and oratorio. Detailed study of famous representative works and techniques. <i>Prerequisite:</i> Music 101, 102.
†[312] CONTEMPORARY MUSIC	Study of trends in the art of music following the time of Wagner and the late romanticists. Consideration of varied techniques of twentieth century composers. <i>Prerequisite:</i> permission of instructor.
APPLIED MUSIC	Private lessons in voice, piano, organ, violin, viola, violoncello and bass viol are available at additional cost. To fulfill credit requirements, students must have a one hour lesson and prac-

tice a minimum of six hours each week. There is no credit for the freshman year. Thereafter each three semesters of such private instruction may be applied, as the equivalent of one semester course, toward requirements for the college degree.

Students interested in private lessons in voice are referred to Mr. Roger Nye or Mrs. Freda Gray-Masse; in stringed instruments to Mrs. Gesa Fiedler, in piano to Mr. Peter Re.

For participation in the college glee club, the symphony orchestra and college band, a student may receive credit for a one year course provided he is an active member of one of the above organizations through four years in college and has by his senior year completed requirements in any one course offered by the department of music. No credit is given for less than four years of active participation. If this credit is applied toward graduation, payment must be made on the established per course basis.

Philosophy

112
INTRODUCTION TO WESTERN
PHILOSOPHY
MR. TODRANK AND STAFF

Some of the great ideas of western philosophy and their bearing on the questions of contemporary thought. This course is a suitable sequel to Religion 111, *Introduction to Western Religion*.

211
MORAL PHILOSOPHY
MR. HUDSON AND STAFF

(a) Introductory study of the bases of judgment on questions of good and bad, right and wrong; (b) the application of ethical principles to questions of political obligation and social value.

212
LOGIC
MR. CLARK AND STAFF

Basic principles of logic, deductive and inductive, with problems of application in many fields of thought.

*255
INDIAN THOUGHT V
INSTRUCTOR

Main trends in Indian philosophical and religious thought, art and literature, seen against a background of their early social and historical origins.

<p>*256 INDIAN THOUGHT VI INSTRUCTOR</p>	<p>Contemporary Indian culture, with an emphasis on the study of present or recent leaders of Indian thought. <i>Prerequisite:</i> permission of the instructor.</p>
<p>†[312] SOCIAL PHILOSOPHY</p>	<p>An examination of leading socio-political ideologies, emphasizing normative aspects as well as relations between ideologies and social institutions; findings will be related to contemporary societies. <i>Prerequisite:</i> Social Science 121, 122; or consent of the instructor.</p>
<p>†[314] AESTHETICS</p>	<p>Problems that arise in analyses and criticisms of literature and the arts. <i>Prerequisite:</i> one semester course in the department or special permission (for majors in literature or the fine arts).</p>
<p>†[317] PHILOSOPHY OF SCIENCE</p>	<p>The course will deal with analytical and interpretive problems in the philosophy of science. Optionally, students may make individual studies of relationships between science and the humanities. <i>Prerequisite:</i> Philosophy 212 and completion of the general college science requirement.</p>
<p>318 TYPES OF PHILOSOPHY MR. HUDSON</p>	<p>A systematic study of the more important problems in metaphysics and epistemology and of the main types of metaphysical systems which deal with these problems: naturalism, idealism, personalism, and realism. <i>Prerequisite:</i> Philosophy 112 or permission of the instructor.</p>
<p>†[319] ETHICS AND GENERAL THEORY OF VALUE</p>	<p>An examination of contemporary philosophic approaches to the nature of value, especially ethical judgments. Among the views considered will be intuitionism, emotivism, "good reasons" theory, and those relating ethics to scientific findings. <i>Prerequisite:</i> Philosophy 211 or consent of the instructor.</p>
<p>331 HISTORY OF ANCIENT PHILOSOPHY MR. CLARK</p>	<p>Comparative study of the philosophical systems of Plato and Aristotle, with secondary attention to the pre-Socratics, Socrates, Epicurus, the Stoics, and Plotinus.</p>

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- 332
HISTORY OF MODERN
PHILOSOPHY
INSTRUCTOR
- A study of European philosophy from Descartes to the nineteenth century with special attention to the works of Descartes, Spinoza, Leibniz, Locke, Berkley, Hume, and Kant.
-
- *351
AMERICAN THOUGHT
MR. HUDSON
- American philosophical thought from Jonathan Edwards to John Dewey, with particular attention to the American enlightenment, pragmatism, and American idealism. Readings include Edwards, Woolman, Jefferson, Paine, Emerson, Pierce, Royce, James, Bowne, Santayana, and Dewey.
Prerequisite: two semester courses in philosophy or consent of the instructor.
-
- 353
CONTEMPORARY PHILOSOPHY
INSTRUCTOR
- Major movements in philosophy since 1900.
Prerequisite: two semester courses in philosophy or consent of the instructor.
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- †[354]
HISTORY OF MEDIEVAL
PHILOSOPHY
- From Augustine to William of Ockham with preliminary consideration of neo-Platonism. The interaction between philosophy and Christian theology in medieval Europe; the scholastics and issues to which they addressed themselves.
Prerequisite: Philosophy 331 or permission of the instructor.
-
- *357
SYMBOLIC AND FORMAL LOGIC
MR. CLARK
- Principles of semantics. Formal logic systematically studied. A brief introduction to the logic of probabilities.
Prerequisite: Philosophy 212.
-
- *358
NINETEENTH
CENTURY PHILOSOPHY
INSTRUCTOR
- Post-Kantian thinkers such as Hegel, Kierkegaard, Schopenhauer, Nietzsche and Bergson. Special attention to the revolt against reason, evolution, and alienation.
Prerequisite: Philosophy 332 or two courses in philosophy.
-
- 372
PHILOSOPHY OF RELIGION
MR. TODRANK
- A study of the basic postulates of religion, including search for an adequate scheme of verification, an analysis of the empirical evidence and the hypotheses which seem to result therefrom, and the relevance of the conclusions for daily life.
Prerequisite: one course in religion, preferably Religion 311, and one in philosophy; or consent of the instructor.

491, 492
PHILOSOPHY SEMINAR
STAFF

Special topics chosen each year to meet the needs of the students involved. Ordinarily the course is limited to students majoring in the department. Others with special qualifications may be admitted with the consent of the instructors.

Physical Education

311
THE ORGANIZATION AND
TEACHING OF HEALTH
AND PHYSICAL EDUCATION
MR. WINKIN

The practice and theory of those activities included in the program of athletics and physical education in the modern school program.

Prerequisite: special permission.

312
THE ADMINISTRATION OF
HEALTH AND PHYSICAL
EDUCATION
MR. WINKIN

Administrative policies, practices, teaching methods, and standards pertaining to the execution of a modern program of athletics, physical education and recreation in the public schools.

Prerequisite: special permission.

Note: women's section of 311 and 312 will not be offered in 1964-1965.

Physics

141, 142
GENERAL PHYSICS
MR. BANCROFT
AND STAFF

An introductory course, quantitative in nature, stressing the interpretation of physical problems in graphical and analytical terms. A grade of C or better in this course is prerequisite for all further work in the department. Laboratory.

Prerequisite: Mathematics 111, 112d or equivalent (either passed or taken concurrently).

231
MODERN PHYSICS
INSTRUCTOR

An elementary introduction to the fundamentals of modern physics. The basic principles of relativity and the quantum theories of atomic and nuclear physics are studied in detail as are topics in molecular and solid state physics. Laboratory.

Prerequisite: Physics 141, 142 or Chemistry 141, 142; and Mathematics 112d or equivalent.

-
- 232
CLASSICAL MECHANICS
MR. FAIRLEY
- An introduction to analytical mechanics. Extensive use is made of vector analysis and of the calculus. Insofar as is practicable, the laboratory work is focused on the material developed in the classroom. Laboratory.
Prerequisite: Physics 141, 142, and Mathematics 212d (either passed or taken concurrently).
-
- 311
THERMODYNAMICS AND KINETIC THEORY
INSTRUCTOR
- The two basic laws of thermodynamics are studied, and their application to ideal gases and to systems of a single component are considered in detail. The kinetic theory of gases, including transport phenomena, is also studied, with some reference to the methods of statistical mechanics. Laboratory.
Prerequisites: Physics 142, and Mathematics 212d (either passed or taken concurrently).
-
- 312
OPTICS AND ATOMIC SPECTRA
MR. BANCROFT
- A study of light, and of the structure of the atom as revealed by the spectroscope. Consideration is given to the first order theory of geometrical optics in some detail, followed by physical optics, including interference, diffraction, resolving power, and measurement of wavelength. The spectrum of the "one-electron atom" is studied in detail. More advanced spectroscopic problems and the structure of the atom are discussed as class interests dictate. Laboratory.
Prerequisite: Physics 231, 232.
-
- 411, 412
ELECTRICITY AND MAGNETISM
MR. BANCROFT
- An introduction to electromagnetic theory and the theory and practice of electrical measurements. Classical problems in electrostatics and magnetostatics are considered. Electrodynamical phenomena are analyzed, and Maxwell's equations are discussed in their vector form. Laboratory work centers around direct and alternating current components and networks, with particular reference to bridge measurements. Some material on electronics is included. Laboratory.
Prerequisites: Physics 232, Mathematics 311d, 312 (either passed or taken concurrently); or consent of the department.
-
- 441, 442
CONTEMPORARY PHYSICS
STAFF
- Recent discoveries and theories in physics and astrophysics, including some topics and areas of particular interest to the staff. Laboratory.
Prerequisite: Physics 231; 411, 412 (411, 412 may be taken concurrently).

461, 462
ADVANCED PHYSICS
STAFF

Topics selected to meet the needs of the individual student. Suggested studies are introductory theoretical physics and/or special experimental problems.

Prerequisites: Junior standing, at least, and permission.

Portuguese

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

*221, 222
ELEMENTARY PORTUGUESE
MR. HOLLAND

Introduction to Portuguese as a second Romance language. Course presents the spoken and written language of Portugal and Brazil utilizing previous knowledge of a Romance language. Extensive use is made of taped materials.

Prerequisite: Successful completion of intermediate French or Spanish, or indication of equivalent proficiency by placement test. Open to freshmen with consent of instructor.

†[311]
PORTUGUESE LITERATURE

A brief survey of Portuguese literature with emphasis on the *Lusiads* of Camoens.

†[312]
BRAZILIAN LITERATURE

Representative works of Brazilian literature, stressing the novel of the 19th and 20th centuries.

Prerequisite: Portuguese 212 or 222.

Psychology

IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

221, 222
GENERAL PSYCHOLOGY
MR. GILLESPIE

An introduction to major topics in the investigation of both animal and human behavior. The first semester will consider sensory processes, perception, learning, and motivation; the second semester will deal primarily with personality and social psychology.

314
DEVELOPMENTAL PSYCHOLOGY
MR. SMITH

A study of the life continuum from infancy to old age, with special attention to childhood and the adolescent years.

Prerequisite: Psychology 222 or equivalent.

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- 353
PSYCHOLOGICAL MEASUREMENT
MR. PEREZ
- A survey of problems and methods involved in the measurement of abilities, attitudes, and personality. Representative instruments from various areas are examined in detail.
- Prerequisite:* Psychology 222 and Mathematics 241; or their equivalent.
-
- 354
ABNORMAL PSYCHOLOGY
MR. PEREZ
- An introduction, with special emphasis on the dynamics of the neurotic and psychotic personalities.
- Prerequisite:* Psychology 222 (or equivalent), or permission of the instructor.
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- 381, 382
EXPERIMENTAL PSYCHOLOGY
MR. ZOHNER
- Discussion of the planning, execution, and interpretation of research in psychology, with special attention to the areas of learning and perception.
- Prerequisite:* Psychology 222 and Mathematics 241; or permission of the instructor.
-
- †[394]
PHYSIOLOGICAL PSYCHOLOGY
MR. PEREZ
- A study of the relationships between bodily processes and behavior. This includes the basic anatomy of the central and peripheral nervous systems, structure and functions of the receptor mechanisms, and the relationship between endocrine functions and behavior.
- Prerequisite:* Psychology 221 and Biology 101, 102; or their equivalent.
-
- 415
SYMBOLIC PROCESSES
MR. GILLESPIE
- Methods and concepts in the psychological study of thought and language; examination of clinical and experimental procedures representative of recent research in verbal behavior, concept-formation, and imaginative thought.
- Prerequisite:* Psychology 382.
-
- 416
CULTURE AND PERSONALITY
MR. GILLESPIE
- The study of relationships between individual personality and the sociocultural setting; cross-cultural variability and "national character" are especially considered.
- This course is also applicable as a course in sociology toward the major in that department.
- Prerequisite:* permission of the instructor. Limited to senior majors in psychology or sociology.

451
HISTORY AND SYSTEMS OF
PSYCHOLOGY
MR. JOHNSON

The historical development of modern psychology and the development of such systematic viewpoints as behaviorism, Gestalt psychology, and psychoanalysis.
Prerequisite: three semester courses in psychology.

491d
SPECIAL TOPICS
STAFF

Individual projects, in areas where the student has demonstrated the interest and competence necessary for independent work.
Prerequisite: permission of the department.

Religion

IN THE DEPARTMENT OF PHILOSOPHY AND RELIGION

111
INTRODUCTION TO WESTERN
RELIGION
MR. OSBORNE AND MR. TODRANK

The Judeo-Christian tradition; its origins and growth, and its influence on western culture. This course provides a background for Philosophy 112, *Introduction to Western Philosophy*.
Prerequisite: standing not higher than sophomore.

213
THE BIBLE: OLD TESTAMENT
MR. TODRANK

Reading and study of the Old Testament and the Apocrypha to gain understanding of the development of the religion of Israel and the principal ideas of its religious message.

214
THE BIBLE: NEW TESTAMENT
MR. TODRANK

Reading and study of the New Testament with special consideration of the life of Jesus, the history of the early Christian church, and some of the principal ideas of its religious message.
Prerequisite: Religion 213.

†[312]
RELIGION IN AMERICAN LIFE

The role of religion in American culture, with particular attention to the characteristics of Judaism, Roman Catholicism, Protestantism and the Orthodox churches.
Prerequisite: Religion 111 or 311 or special permission.

314
GREAT RELIGIONS OF THE WORLD
MR. OSBORNE

An account of the origins and chief characteristics of Hinduism, Buddhism, Taoism, Confucianism, Zoroastrianism, Judaism, Early Christianity and Islam.

315
RECENT TRENDS IN
CHRISTIAN THOUGHT
MR. TODRANK

An analysis and comparison of significant trends in Christian thought since 1900, including Protestant liberalism, neo-orthodoxy, existentialism, emphasis on language in religion, and possible contributions in process philosophy. Also new accents in Roman Catholic thought as seen particularly in the Second Vatican Council.

Prerequisite: Two semester courses in religion or consent of the instructor.

491, 492
RELIGION SEMINAR
STAFF

Careful study of special topics in religion. Ordinarily the course is limited to students majoring in the department, but others with special qualifications may be admitted with the consent of the instructors.

Prerequisite: the equivalent of two year-courses in religion.

Russian

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102
ELEMENTARY RUSSIAN
MR. KEMPERS

Introduction to the language by a modified audio-lingual method with emphasis on understanding, speaking, and reading, and presentation of the Cyrillic alphabet. Use of taped materials in the language laboratory is a regular part of the class work.

103, 104
INTERMEDIATE RUSSIAN
INSTRUCTOR

Continued practice in the oral-aural skills, with increasing emphasis on reading and writing through study of selections from Russian literature. These studies, and the review of grammar, are supplemented with drill work in the language laboratory.

Prerequisite: Russian 101, 102 or two years of high-school Russian and appropriate score on the placement test.

105, 106
INTRODUCTION TO RUSSIAN
LITERATURE
INSTRUCTOR

Along with continued work on the language, the study and interpretation of significant works of Russian literature is introduced. Readings in the field of intellectual history. Discussion and papers are primarily in Russian.

Prerequisite: Russian 103, 104 or three years of high-school Russian and appropriate score on the placement test.

221, 222
 MASTERPIECES OF RUSSIAN
 LITERATURE
 MR. KEMPERS

A study of complete works of some of the great Russian authors of the 19th century, with emphasis on the novel and theater.

Prerequisite: Russian 105, 106 or consent of the instructor.

Social Science

DIVISIONAL COURSES

121e, 122
 SOCIAL THINKERS IN THE
 WESTERN TRADITION
 MR. CLARK AND STAFF

A study of the works of major social thinkers in the western tradition, taught by faculty members from the social science division. Considered in 1963-64 were Plato, St. Thomas Aquinas, Machiavelli, Locke, Rousseau, Adam Smith, John Mill, Karl Marx, and Lenin.

Special sections of the course are arranged for students intending to major in history or in government.

Sociology

221e, 222
 PRINCIPLES OF SOCIOLOGY
 STAFF

An introduction to the study of human society; its growth, institutions, activities and problems. The course attempts to synthesize the available knowledge and concepts necessary for a scientific understanding of our complex modern society.

†[311]
 NORMATIVE SOCIAL THEORY

A study of normative social theory with special emphasis upon such works as Plato's *Republic*, Owen's *A New View of Society*, and Bellamy's *Looking Backward*.

Prerequisite: Sociology 221, 222.

†[312]
 HISTORY OF SOCIOLOGICAL
 THEORY

A survey of the history of sociology, and a critical examination of the systems of thought about society and human nature. The place of theory in social research is emphasized.

Prerequisite: Sociology 221, 222.

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- *331
INTRODUCTION TO SOCIAL WORK
MR. GEIB
- This course will focus on the nature of social work, including some considerations of its history. It is designed to acquaint the student with types of social work now practiced and some of the modern techniques. There will be at least three required field trips during October and/or November. This course cannot be used to fulfill the requirements for the major.
Prerequisite: Sociology 221, 222.
-
- *332
DELINQUENCY AND CRIME
MR. GEIB
- Delinquency and crime are studied in social and cultural perspective; conditions and situations which encourage anti-social conduct, the philosophy and practice of punishment, and programs for reducing or eliminating delinquency and crime.
Prerequisite: Sociology 221, 222.
-
- *352
RACE AND MINORITIES
MR. ROSENTHAL
- This course presents the major problems of race and minority groups in the modern world.
Prerequisite: Sociology 221, 222.
-
- *353
URBAN SOCIOLOGY
MR. BIRGE
- An eclectic study of the city as a sociological phenomenon: the historical and ecological development of the city; population and selective migration; group life and personality; and organization and disorganization of urban areas.
Prerequisite: Sociology 221, 222.
-
- *354
COMPARATIVE SOCIAL SYSTEMS
MR. BIRGE
- A comparative study of contemporary societies, including "advanced" and "backward" countries. Western countries are compared to such eastern societies as China and India.
Prerequisite: Sociology 221, 222.
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- †[361, 362]
CULTURAL ANTHROPOLOGY
- A course in introductory anthropology with special emphasis on the implications of the social and cultural experiences of primitive people for modern society.
Prerequisite: Sociology 221, 222; course 361 is prerequisite for 362.
-
- †[371]
SOCIAL STRATIFICATION
- An analysis of the nature of social classes, their relationship to their societal environment, and the influence of stratification upon behavior. Theories of stratification and evidence for them is emphasized.
Prerequisite: Sociology 221, 222.

373
THE FAMILY
MR. ROSENTHAL

An historical and comparative study of family and marriage from an institutional point of view, including the relationship of the family to other aspects of culture.

Prerequisite: Sociology 221, 222.

*391
COLLECTIVE BEHAVIOR
MR. GEIB

A social analysis of phenomena of collective behavior—crowds, public opinion, propaganda, and communication—and the forces which mold each. Special attention is given to the major mass media and their function in modern society.

Prerequisite: Sociology 221, 222

392
SOCIAL CHANGE
MR. GEIB

Although an historical approach is used at times, this course is primarily theoretical in nature. It attempts a study of the mechanisms, functions and the consequences of social change. Particular attention is directed to the relevance of social change for the social order.

Prerequisite: Sociology 221, 222.

†[393]
COMPLEX SOCIAL
ORGANIZATIONS

An analysis of today's large secondary organizations — the military, the church, business corporations, academic institutions. The purpose of the course will be to develop a perspective by which these organizations may be understood.

Prerequisite: Sociology 221, 222.

401, 402
SOCIOLOGY SEMINAR
MR. BIRGE

A seminar on the major problems of sociology as a science. Much of the work is devoted to individual projects.

Prerequisite: senior standing and permission of the instructor.

INTERDEPARTMENTAL
COURSE

Psychology 413, *Culture and Personality*, is also applicable toward fulfillment of the major in sociology (see psychology listings for descriptions of this course).

Spanish

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102

ELEMENTARY SPANISH
STAFF

Introduction to the language by an audiolingual method, with emphasis on understanding, speaking, and reading. Use of taped materials in the language laboratory is a regular part of the class work.

103, 104

INTERMEDIATE SPANISH
STAFF

Continued practice in the oral-aural skills, with increasing emphasis on reading and writing through use of readings from Spanish and Latin American literature.

These studies, and the review of grammar, are supplemented with drill work in the laboratory.

Prerequisite: Spanish 101, 102 or two years of high-school Spanish and appropriate score on the placement test.

121, 122

SPANISH AND HISPANIC-
AMERICAN CIVILIZATION
STAFF

Offered in lieu of special sections of Spanish 103, 104 this introduction to the main aspects of the historical and cultural development of the Spanish speaking world is important for an understanding of its literature, art, and customs. The first semester deals with Spain, the second with Latin America. Conducted chiefly in Spanish.

Prerequisite: Spanish 101, 102 with a grade of *B* or three years of high-school Spanish and appropriate score on the placement test. May be elected concurrently with Spanish 141, 142.

141, 142

INTRODUCTION TO SPANISH
LITERATURE
MR. HOLLAND

A survey of Spanish literature from the earliest works through the 19th century. Reading of representative works supplemented by lectures and discussions. Conducted chiefly in Spanish.

Prerequisite: Spanish 103, 104 or 121, 122. The latter may be taken concurrently.

211d

SPANISH COMPOSITION
MR. CAUZ

Extensive practice in oral and written composition; some translation from English to Spanish. Attention to some finer points of grammar and basic considerations of style. Offered each semester.

Prerequisite: Spanish 141, 142 or consent of the instructor.

-
- 257
THE GENERATION OF 1898
MR. CAUZ
- Study of the more important members of the generation of 1898, with emphasis on Unamuno, Azorin, Baroja, Valle-Inclan, and Machado. Conducted chiefly in Spanish.
Prerequisite: Spanish 141, 142.
-
- 258
SPANISH LITERATURE OF
THE TWENTIETH CENTURY
MR. CAUZ
- Outstanding prose and poetic works of the contemporary period with emphasis on living authors. Conducted chiefly in Spanish.
Prerequisite: Spanish 141, 142.
-
- 301a, 302a
TEACHING OF SPANISH IN THE
ELEMENTARY SCHOOL
MR. HOLLAND
- Problems and methods of teaching Spanish in the elementary school, with emphasis on the MLA FLES program. One hour of instruction per week at Colby and three periods of teaching per week in the public school system throughout the school year. This course, approved by the State Board of Education, when coupled with the Maine Professional Secondary Certificate, will prepare and authorize the student to teach Spanish in the elementary school. Conducted in English. Credit: one semester-course.
Prerequisite: Spanish 257, 258 and permission of the instructor.
-
- †[321, 322]
HISPANIC-AMERICAN
LITERATURE
- The development of Hispanic literature and civilization in the new world from the period of colonization through the contemporary period. Conducted chiefly in Spanish.
Prerequisite: Spanish 141, 142.
-
- *351
THE THEATER OF THE
GOLDEN AGE
MR. GREGG
- Reading and study of the theater of the Golden Age, with emphasis on Lope de Vega, Tirso de Molina, Ruiz de Alarcon, and Calderon de la Barca. Conducted chiefly in Spanish.
Prerequisite: Spanish 257, 258.
-
- *352
THE NOVEL OF THE
GOLDEN AGE
MR. GREGG
- Reading, analysis, and discussion of the novel of the Golden Age, with particular attention to the picaresque novel, and to the *Novelas Ejemplares* and *Don Quixote* of Cervantes. Conducted chiefly in Spanish.
Prerequisite: Spanish 257, 258.

†[355]
SPANISH DRAMA AND POETRY
OF THE NINETEENTH CENTURY

A survey of Spanish poetry and drama in the nineteenth century, with emphasis on the more important romantic and realistic dramatists and poets. Conducted chiefly in Spanish.

Prerequisite: Spanish 257, 258.

†[356]
THE SPANISH NOVEL OF THE
NINETEENTH CENTURY

The development of the regional and realistic novel of the nineteenth century, studied through the works of Fernan Caballero, Alarcon, Valera, and Pereda, with particular attention to the works of Perez Galdos. Conducted chiefly in Spanish.

Prerequisite: Spanish 257, 258.

491, 492
TOPICS IN SPANISH AND
LATIN AMERICAN
LITERATURE
STAFF

Topics, which change each semester, may cover an author, a genre, or a literary movement. Conducted on a seminar basis.

Prerequisite: Consent of the instructor.

Preparation for Graduate and Professional Schools

The dean of the faculty is general adviser on matters related to graduate study; information on graduate programs is available in his office. He works closely with department chairmen, major advisers, and members of faculty committees to inform students of opportunities for fellowships and scholarships in graduate schools. From this office students may obtain information on graduate and professional school admissions tests for prospective applicants to graduate schools of arts and sciences, law, medicine, and business administration.

ARTS AND SCIENCES

Every year Colby graduates enter many different graduate schools to work toward advanced degrees in art, music, history, classics, English, economics, modern languages, sociology, psychology, philosophy, or the natural sciences. Interested students should confer with the chairmen of their departments, their major advisers, and the dean of the faculty. Seniors having such intentions will be advised to take the Graduate Record Examination.

LAW AND GOVERNMENT SERVICE

The faculty committee on professional preparation for law and government service advises students preparing for careers in these areas. The pre-law student may major in almost any field, but the student who has a specific goal in mind will profit from early consultation with members of the committee. The law school admission test is given at the college each year.

DENTISTRY

Although some dental schools admit applicants after three years, and sometimes only two years, of college work, the leading schools prefer students with a college degree. As in medicine, there is no demand for a particular major. Each applicant, regardless of his major, must meet the specific require-

ments in biology, chemistry, physics, and English, which differ with different dental schools.

The pre-medical preparation committee is advisory to candidates for dentistry, as well as to those for medicine. The dental aptitude testing program is not administered at Colby.

MEDICINE

Medical schools do not require a particular major but do require high standing and the inclusion of biology, chemistry, physics, mathematics, English, and foreign languages in the student's college program.

The faculty committee on professional preparation for medicine, which should be consulted by the student early in his freshman year, strongly advises that mathematics be pursued at least through the first year of calculus. Organic chemistry as well as general chemistry is usually required.

The medical college admission test is ordinarily taken in the spring of the student's junior year.

ENGINEERING

While at Colby the engineering student must attain mastery of the necessary mathematics and science to support him in the intensive study of engineering which will follow. In his Colby program, however, he is assured a broad grounding in the humanities and social sciences as well.

The faculty committee on professional preparation for engineering serves as adviser to students intending to enter graduate schools of engineering.

THEOLOGY

Colby has a long tradition of preparing graduates for the ministry. There are representatives of Colby alumni among the clergy of many denominations, and over the years a considerable number have done missionary work.

The theological preparation committee of the faculty, in cooperation with the college chaplain, serves as adviser to students who plan to enter seminaries.

SECONDARY SCHOOL TEACHING

Colby offers no major in education, but does offer courses to enable prospective teachers to qualify for a provisional certificate from the Maine State Department of Education. This will permit them to teach those subjects which do not, like art or music require courses in special education.

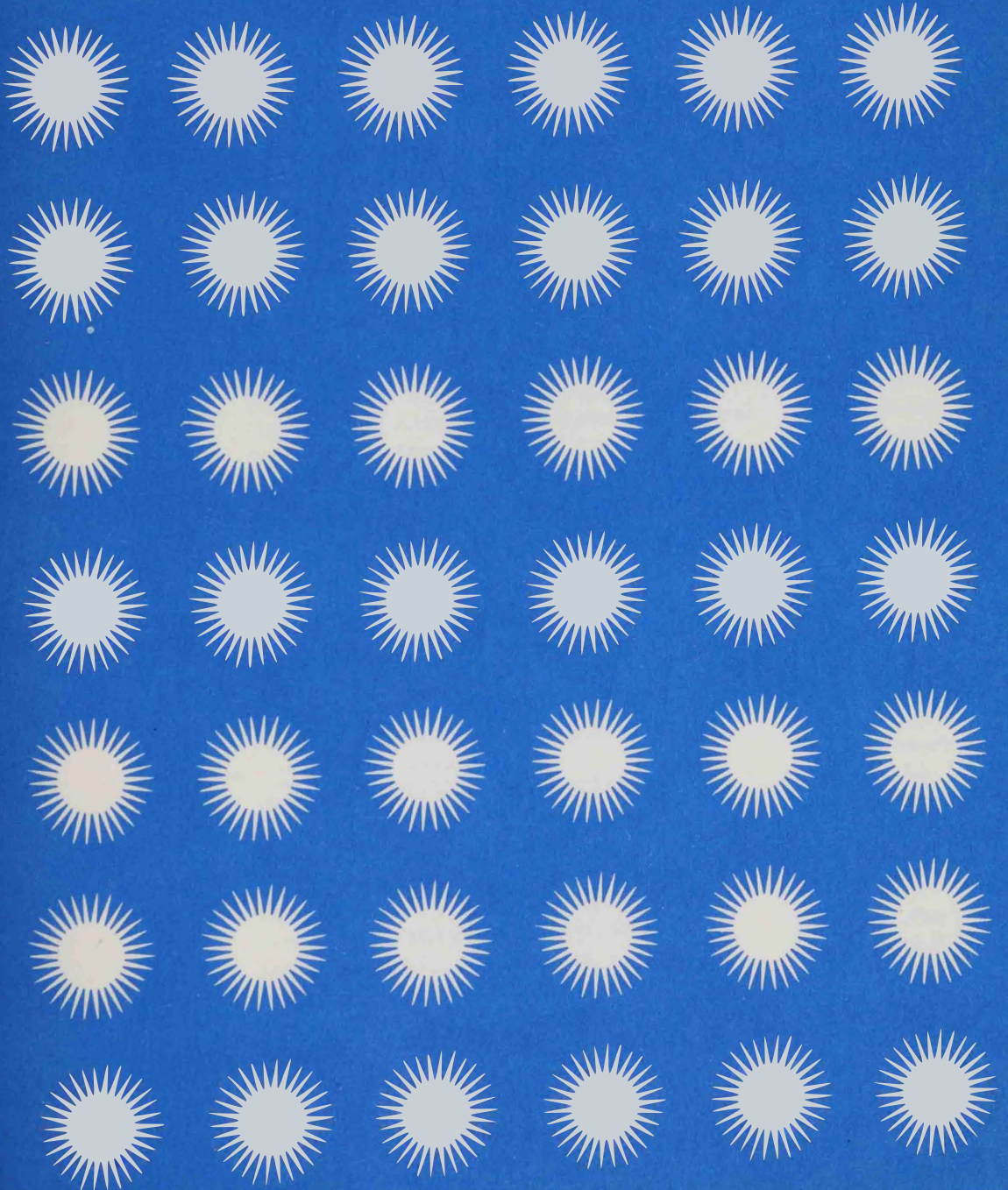
Colby's offering will also enable requirements to be met in many other states; but, because of the variation in requirements, a student who wishes to teach in a state other than Maine should obtain information from the appropriate department of education.

More and more students planning to teach in high schools are now thinking in terms of a fifth year of preparation at the university level. Many Colby students have participated in such fifth-year programs. Financial assistance is available to qualified students at many universities.

The secondary school teaching committee of the faculty serves as adviser to students interested in a program leading to teaching at this level.

BUSINESS ADMINISTRATION

The training for positions in business and industry offered by the graduate schools of business administration at Harvard, Chicago, Cornell, the Wharton School of the University of Pennsylvania, and the Amos Tuck School of Dartmouth College, leads many Colby graduates to seek admission into these and similar schools. The department of business administration serves as general adviser for graduate work of this sort. Seniors who have such a program in mind are encouraged to take the admission test for graduate study in business.



III DIRECTORIES

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¹Honorary life member, deceased December 16, 1963 ²Deceased February 11, 1964 ³Deceased October 3, 1964 ⁴Deceased November 3, 1964

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- WILMON BLACKMAR CHIPMAN, JR., PH.D. (Harvard, Dartmouth, Illinois); *Assistant Professor of Chemistry*
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 Director of Roberts Union*
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- *JOSEPH BERNARD YOKELSON,³ PH.D. (Brooklyn, Brown)
Assistant Professor of English

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- **PLAMTHODATHIL SAMUEL JACOB, M.A. (Poona)
Visiting Lecturer in Philosophy
- *VISHWANATH SHRIDHAR NARAVANE, PH.D. (Allahabad)
Visiting Lecturer in Philosophy

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Instructor in English
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Instructor in Government
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- *ADELE R. WENIG, M.A. (U.C.L.A., Mills)
Instructor in the Dance in the Department of Physical Education
- LEO AUGUSTUS WHELAN, JR., B.A. (Harvard)
Instructor in Mathematics
- *GEORGE BURNS WILLIAMS, M.A. (North Carolina, Yale)
Instructor in Government
- GLENN DORIN Zohner, Ph.D. (Brigham Young, Massachusetts)
Instructor in Psychology

* 1963-1964 but not 1964-1965.

** Beginning September 1964.

¹On Leave first semester 1963-64

²On Leave second semester 1963-64

³On Leave full year 1963-64

⁴On Leave first semester 1964-65

⁵On Leave second semester 1964-65

⁶On Leave full year 1964-65

⁷First semester 1964-65 only

⁸Second semester, 1964-65

⁹Away first semester, 1964-65

¹⁰First semester, 1963-64; first semester, 1964-65

¹¹Promoted to listed rank effective September, 1964

COMMITTEES OF
THE FACULTY
1964-65

The president and the dean of faculty are members ex officio of all committees; the first named member of each committee is its chairman.

ADMINISTRATIVE	<p>President Strider; Dean Johnson; Vice-President Williams; Deans Nickerson and Seaman; Professors Hickox (1965), Benbow (1966), Geib (1967); Assistant to the President, Mr. Dyer; and Administrative Asst. to the President, Professor Rosenthal, Secretary to the Committee.</p> <p>(In the second semester Professors Chipman and G. Smith will substitute for Professors Hickox and Benbow while they are on sabbatical leave.)</p>
ADMISSIONS	<p>Dean Johnson, Vice-President Williams; Deans Nickerson and Seaman; Professors Berschneider (1965), Combellack (1966), Schmidt (1967); Dean of Admissions, Mr. Carroll; and Director of Placement, Mr. McKeen.</p>
AFROTC	<p>Professors W. Zukowski, Holt, Junghans, Millett, Weinbel, and Witham; Mr. Gregg; and Major Brooks, ex officio.</p>
ARCHITECTURAL	<p>Professor Miller; Dean Johnson; Vice-President Williams; Professors Perez and Suss.</p>
ATHLETICS	<p>Professors Geib, Kempers, Macheimer, Raymond, L. Williams, and Winkin.</p>
BOOK OF THE YEAR	<p>Professors Carpenter, Judah, and Wees; Mr. J. Carroll, Mr. Hayslett, and Mr. Hudson.</p>
BOOKSTORE	<p>Professors Sutherland, Fisher, Meader, and Seepe; Mr. Brancaccio.</p>
COMMENCEMENT	<p>Assistant to the Alumni Secretary, Mr. Farr; Vice-President Williams; Vice-President Turner; Professors Blake, E. Comparetti, Loeb, Macomber, Millett, Pullen, and Simpson; Mr. Coleman; Asst. to the President, Mr. Dyer; Superintendent of Buildings and Grounds, Mr. Whalon; Director of Food Services, Miss Nichols; Director of Runnals Union, Mrs. Hamilton; a senior man and a senior woman.</p>
DISCRIMINATORY PRACTICES	<p>Professor Scott; Deans Nickerson and Seaman; Professors Davis, Geib, Rosenthal, and Rothchild.</p>

EDUCATIONAL POLICY	Dean Johnson; Professors Clark, E. Comparetti, and Koons (1965); Professors Breckenridge, Gillum, and L. Zukowski (1966); Professors Bundy, Chapman, and Scott (1967); Admin. Asst. to the President, Professor Rosenthal will act as Secretary.
SUBCOMMITTEE ON FRESHMAN YEAR	Professors Koons, Clark, Kellenberger, MacKay, Mavrinac, Schmidt, and Scott.
SUBCOMMITTEE ON JANUARY PROGRAM	Professors Kellenberger, Gillespie, and Hickox.
EXAMINATIONS AND SCHEDULE	Professors Gillespie, Combellack, Cox, Ray, N. Smith, and Win-kin; Mr. Mathews; and Registrar, Professor Loeb.
FACULTY RESEARCH, TRAVEL, AND SABBATICALS	Dean Johnson, Vice-President Williams; Professors Breckenridge, Carpenter, and Reid.
FINANCIAL AID	Vice-President Williams; Deans Nickerson, and Seaman; Treasurer, Professor Seepe; Dean of Admissions, Mr. Carroll; Director of Placement, Mr. McKeen; Professors Fairley, and Gillespie (1965); Professor Machemer (1967); and Professor Todrank, substituting for Professor Biron (1966), who is on sabbatical leave.
FOREIGN STUDENTS AND FOREIGN STUDY	Professor Holland; Deans Johnson, Nickerson, and Seaman; Professors P. Bither, Cauz, Easton, and G. Smith; Mr. Green and Mr. Weinbaum; and Registrar, Professor Loeb.
FRESHMAN WEEK	Assistant to the Dean of Admissions, Mr. Tolette; Deans Johnson, Nickerson, and Seaman; Treasurer, Professor Seepe; Professors Bancroft, M. Bither, Culp, and Marchant; Director of Placement, Mr. McKeen; Registrar, Professor Loeb; Director of Roberts Union, Professor Macomber; Director of Food Service, Miss Nichols.
GRADUATE SCHOLARSHIPS	Dean Johnson; Professors Berschneider, P. Bither, A. Comparetti, Fairley, Hickox, Terry, and Todrank; Mr. Hayslett, and Mr. Whelan.
HONORARY DEGREES	Professors G. Smith, Birge, Mavrinac, Millett, Perez, Re, Reid, Sutherland, and L. Zukowski.
LIBRARY	Professors Osborne, Benbow, Blake, Junghans, Kempers, Libbey, Mavrinac, Reid, Simpson, Witham, and Tatem.
PROFESSIONAL PREPARATION	Ex officio members: Deans Nickerson and Seaman; and Director of Placement, Mr. McKeen.

COLLEGE TEACHING	Professors Easton, Birge, A. Comparetti, Fairley, and Gillum.
ENGINEERING	Professors Ray and Junghans.
LAW AND GOVERNMENT SERVICE	Professors Berschneider, Breckenridge, Culp, Rothchild, Suss, and W. Zukowski.
MEDICINE	Professors Terry, Chipman, and Machemer.
SECONDARY SCHOOL TEACHING	Director of Placement, Mr. McKeen; Professors Bancroft, Bridgman, MacKay, and N. Smith; Mrs. Koonce.
THEOLOGY	Professors Osborne and Todrank; and Mr. Hudson.
REMEMBRANCE	Professors M. Bither, Libbey, Macomber, Marchant, and Osborne.
SENIOR SCHOLARS	Professors Chipman, Bridgman, Cary, Davis, Fisher, Miller, Ray- mond, and Schmidt.
SOCIAL	Professor Judah and Mrs. Savage (Co-chairmen); Professors Ullom, and Woodard; Mr. Koonce, Mr. Mizner, and Mr. Zohner.
STANDING	Professor Pullen; Deans Johnson, Nickerson, and Seaman; Pro- fessors Chapman, and Koons; Registrar, Professor Loeb.

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 HH.D., L.H.D.

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Dorothea Elizabeth Marchetti
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R. Webb Noyes, M.S.
Classifier

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Library Rare Books Assistant

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Head Resident, Robins Hall

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Inza Taylor Foster (Mrs.)
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Food Service Manager

David Lord
Food Service Manager

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Price A. Kirkpatrick, M.D.
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Physio-Therapist

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Head Nurse in Residence

Nurses

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Louise Polequin (Mrs.), R.N.
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Honors and Degrees

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MONDAY, JUNE 10, 1963

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Ceylon Lorenzo Barclay, *Livermore Falls*
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David Grover Bromley, *Reading, Mass.*
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Nathaniel Edward Butler, *Hollywood, Ill.*
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Charles William Carey, *Fall River, Mass.*
Albert Forrest Carville, Jr., *Lisbon*
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Howard Vaughan Clarke, *Attleboro, Mass.*
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Alan Paul Cohen, *Brookline, Mass.*
Gerard Arthur Corbin, *Waterville*
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Stanton Howard Cramer, *The Hague, The Netherlands*
Robert Crespi, *Rosendale, N. Y.*
John Nathan Crowell, *West Yarmouth, Mass.*
Thompson Curtis, *Middlebury, Conn.*
Timothy Jon Dakin, *Falls Village, Conn.*
Stephen Cleaves Danforth, *Dover-Foxcroft*
Charles Tremaine DeWoody, *Chagrin Falls, Ohio*
James Prentice Dolian, *Stamford, Conn.*
Allen Addison Donaghy, *St. Johnsbury, Vt.*
Richard Matthew Bonalewicz, *Fall River, Mass.*
Stephen Lawrence Eittreim, *Neptune, N. J.*
Wallace Bruce Fenn, *Dorset, Vt.*
Edmund Ellsworth Field, *Hasbrouck Heights, N. J.*
Timothy Miller Flint, *Westport, Conn.*
Ivan Gerald Freed, *Fitchburg, Mass.*
MacGregor Freeman, *Cambridge, Mass.*
Peter Eldridge French, *Cranford, N. J.*
David Alfred Gilbert, *Albion*
Paul Aaron Goldberg, *New York, N. Y.*
Stuart Howard Gollinger, *New Haven, Conn.*
Herbert Wilson Gottfried, *West Trenton, N. J.*
George Mason Gross, Jr., *Bristol, R. I.*
Thomas Sheppey Grossman, *Newton, Mass.*
Robert John Gula, *Middletown, Conn.*
Jon Franklin Hall, *Portland*
John Drury Hardy, *Norway*
Stuart Gordon Hardy, Jr., *Hingham, Mass.*
Lewis King Hathaway, *Lexington, Mass.*
Allen Skinner Hubbard, *Syosset, N. Y.*
David Pratt Hunt, *Washington, D. C.*
Roger Bailey Jeans, *Waterville*
David Allen Johnson, *Lebanon, N. H.*
James Perry Johnson, *Vienna, Va.*
Theodore Maxwell Kellogg, *Granby, Conn.*
Petet John Ketchum, *Pleasantville, N. Y.*
Bruce Woodbury Kingdon, *Holden, Mass.*
Francis Delargis Kirby, *Boston, Mass.*
Kirk Rowell Koenigsbauer, *Thomaston, Conn.*
Robert Franklin Lakin, *Ellsworth*
Howard Jay Lamson, *West Hartford, Conn.*
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William Bruce Law, *Port Chester, N. Y.*
Lionel Phillip Levesque, *Fort Kent*
Richard William Levesque, *Waterville*
Chester Waterman Lewis, *Norwich, Conn.*
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 Rodney Dana Pierce, *Cranston, R. I.*
 Paul Pineo, Jr., *Ogunquit*
 Edward Weeks Platner, *Hingham, Mass.*
 David Stevens Poole, *Abington, Mass.*
 David Pulver, *West Hartford, Conn.*
 Merrill C. Raikes, 3rd, *Baltimore, Md.*
 Thomas Ode Richardson, *Attleboro, Mass.*
 Kenneth Searle Robbins, *Old Greenwich, Conn.*
 Paul Knapp Rogers III, *New Britain, Conn.*
 Ernest Spaulding Sagalyn, *Springfield, Mass.*
 Owen Mark Sanderson, *West Hartford, Conn.*
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 Michael Sander Seder, *Norwich, Conn.*
 William Richard Sharron, *Wellesley Hills, Mass.*
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 Stewart Merton Stearns, *Concord, N. H.*
 Robert James Stevenson, *Newington, Conn.*
 Carl Warren Stinson, *Bath*
 Charles Calwel Stokes, *Philadelphia, Pa.*
 George Swasey, *Massapequa, N. Y.*
 Bruce Swerling, *Newton, Mass.*
 Kenneth Clarence Thompson, *Freeport*
 Stephen William Abbot Thompson,
Lowell, Mass.
 Daniel Harris Traister, *New York, N. Y.*
 Raoul Erwin Tschbull, *Moorestown, N. J.*
 Stamatis Haralambous Tsitsopoulos,
Athens, Greece
 Richard Arden Varney, *Brewer*
 Christopher Giles von Glahn, *Scarsdale, N. Y.*
 Herbert Alan Wainer, *Shaker Heights, Ohio*
 Barry Holland Wallace, *Brockton, Mass.*

Frederick Auxer Watkins, *Shaker Heights, Ohio*
 John Stephen Weeks, *Chestnut Hill, Mass.*
 David Frank Westgate, *Mattapoisett, Mass.*
 James Fayette Westgate, *Rockport*
 Lloyd Olin White, *East Lebanon*
 Robert Warren Whitehouse, *Melrose, Mass.*
 Robert Menzies Whitelaw, *Carmel, N. Y.*
 Charles Penrose Williamson, Jr.,
Providence, R. I.
 John Megathlin Wilson, *Centerville, Mass.*
 Robert Irby Wise, *Narberth, Pa.*
 William Hoyt Witherell, *Westboro, Mass.*
 David Kent Wright, *Hamden, Conn.*

As of the Class of 1962

William Sullivan Alexander, *Philadelphia, Pa.*
 Kenyon Wilson Bee, *Greenwich, Conn.*
 Edward Frances O'Brien, *Holyoke, Mass.*
 Robert Turner Sylvia, *South Dartmouth, Mass.*

As of the Class of 1957

Lionel Edward Mathieu, *Winslow*

WOMEN'S DIVISION

Marcia Anne Achilles, *Norristown, Pa.*
 Adele Holmes Ackley, *Barrington, R. I.*
 Jeanne Susan Anderson, *Brunswick*
 Joan Carol Baxter, *Pelham, N. Y.*
 Karen Claire Beganny, *Lisbon Falls*
 Gloria M. Bowers, *West Hartford, Conn.*
 Margaret Briggs, *Bangor*
 Iza Mary Brown, *Waterville*
 Mary Elizabeth Brown, *Seaford, N. Y.*
 Ann Marilyn Bruno, *Concord, N. H.*
 Diane Ellen Buckley, *Scarsdale, N. Y.*
 Eleanor Marilyn Burgess, *Wilton*
 Gillian Lamb Butchman, *Swansea, Mass.*
 Joanna Libby Buxton, *East Moriches, N. Y.*
 Mary Josephine Cahill, *Stoneham, Mass.*
 Janet Frances Callahan, *Lynn, Mass.*
 Meridith Ruth Claus, *Port Clinton, Ohio*
 Donna Mae Cobb, *Bridgton*
 Susan Comeau, *Orono*

- Carolyn Stewart Cook, *Nashua, N. H.*
 Cora-Louise Crosman, *Schenectady, N. Y.*
 Diana Gifford Cross, *Wyckoff, N. J.*
 Marjorie De Motte, *Portland*
 Mary Ann Dexter, *Baldwin, N. Y.*
 Patricia Diano, *Southampton, Pa.*
 Joan Marie Dignam, *Winchester, Mass.*
 Elizabeth Whittaker Doe, *Kennebunkport*
 Patricia Anne Dunn, *Pasadena, Calif.*
 Jean Adele Eielson, *Haverhill, Mass.*
 Dian Rachel Emerson, *Lexington, Mass.*
 Constance Portnoy Epstein, *Ventura, Calif.*
 Patricia Ann Ey, *Lisbon Falls*
 Jeannette Holbrook Fannin, *Fulton, N. Y.*
 Susan Stein Fenn, *Hyannis, Mass.*
 Karen Forslund, *Mt. Hermon, Mass.*
 Marilyn Hope Fowler, *Fort Fairfield*
 Paulette Rachel French,
 Santo Domingo, Dominican Republic
 Margaret Fuchs, *Washington, D. C.*
 Natalie Gates, *Topsfield, Mass.*
 Mary Elizabeth Giddings, *Augusta*
 Mary Lee Grant, *Bangor*
 Barbara Jean Haines, *Willow Grove, Pa.*
 Altha Maher Haldar, *Waterville*
 Susan Ann Hassel, *Denver, Colo.*
 Sherry Ray Jackson, *Elmsford, N. Y.*
 Arlene Jenkins, *Braintree, Mass.*
 Betty Dean Johnston, *San Marino, Calif.*
 Frances Everitt Jones, *New Rochelle, N. Y.*
 Ellen Louise Larkin, *Lynn, Mass.*
 Constance Elinor Lay, *West Hartford, Conn.*
 Constance Helen Lederman, *Sands Point, N. Y.*
 Alice Jacqueline Lee, *Brooklyn, N. Y.*
 Norma Diane Lerner, *Lee, Mass.*
 Janet Elspeth MacColl, *New York, N. Y.*
 Catharine Ann McConnell, *Brewer*
 Shannon McCune, *San Francisco, Calif.*
 Sandra Jean MacWilliam, *Kittery Point*
 Judith Anne Magalhaes, *Westfield, N. J.*
 Barbara Elizabeth Mayo, *Leominster, Mass.*
 Janice Elaine Mazzo, *West Hartford, Conn.*
 Jane Melanson, *South Hanover, Mass.*
 Mary Elizabeth Michelmores, *Foxboro, Mass.*
 Constance DeLea Miller, *Natick, Mass.*
 Gretchen E. Miller, *Lexington, Mass.*
 Judith Lynn Miller, *Collegeville, Pa.*
 Sally Bramhall Morse, *Springvale*
 Sandra Thompson Moulton,
 Beaurepaire, Quebec, Canada
 Ingrid Margareta Muller, *North Haven, Conn.*
 Deborah Ann Munsell, *Boxford, Mass.*
 Diane Lucille Nelson, *West Hartford, Conn.*
 Joan Lois Nelson, *Shrewsbury, Mass.*
 Priscilla Ann Newbert, *Rockland*
 Laura Newman, *New York, N. Y.*
 Anita Jane Nourse, *Bridgewater, Mass.*
 Julie Provost Nugent, *Washington, D. C.*
 Linda Shirley Orr, *Suffield, Conn.*
 Marsha Fern Palmer, *New Haven, Conn.*
 Shirley Catherine Parry, *Madison, N. J.*
 Cynthia Joan Peters, *Westbrook*
 Yvonne E. Pinette, *Guilford*
 Bonnie Brown Potter, *Presque Isle*
 Ruth Sigrid Pratley, *Holden, Mass.*
 Gail Price, *Worcester, Mass.*
 Sally Ann Proctor, *Chagrin Falls, Ohio*
 Laurice Marie Puglia, *North Reading, Mass.*
 Anne Marguerite Quirion, *Augusta*
 Barbara Lynne Read, *Needham, Mass.*
 Nancy Ellen Reynolds, *Medford, Mass.*
 Cynthia Davis Richmond, *Northampton, Mass.*
 Susan Karol Schaeff, *Sayville, N. Y.*
 Ruth Arleen Schafer, *Arlington, Va.*
 Susan Ware Senkler, *Carlisle, Mass.*
 Edith-Ann Sewall, *Cape Elizabeth*
 Barbara Dorothy Simon, *Struthers, Ohio*
 Lizabeth Ann Simonds, *Wayzata, Minn.*
 Cynthia Lee Smith, *Trumbull, Conn.*
 Judith Ann Spear, *Waldoboro*
 Ruth Grey Springer, *Canaan, N. H.*
 Elspeth Margareta Stewart, *Dover, Mass.*
 Mary Margaret Stinneford, *Westons Mills, N. Y.*
 Charis Ann Storms, *Yarmouth*
 Ava Judith Thompson, *Madison*
 Jeanne Cecile Tougas, *Brunswick*
 Ellen Day Tower, *Ridgefield, Conn.*
 Susan Ferries Vogt, *Barrington, Ill.*
 Margaret Reid Wall, *Worcester, Mass.*
 Marjorie Rowe Walton, *Moorestown, N. J.*

Lillian Jane Waugh, *Berlin, N. H.*
 Lucille Ellen Waugh, *Berlin, N. H.*
 Doris Deborah Wilson, *Jenkintown, Pa.*
 Jo-Ann Wincze, *West Hartford, Conn.*

As of the Class of 1962
 Mary Ann Lally Buckley, *Portland, Conn.*

As of the Class of 1953
 Jeannette Mill Brennan, *Jackson Heights, N. Y.*

HONORS IN GENERAL SCHOLARSHIP

Magna Cum Laude
 Susan Stein Fenn
 Mary Elizabeth Brown
 Jon Franklin Hall
 Laura Newman
 Robert John Gula

Cum Laude
 Anne Marguerite Quirion
 Sally Ann Proctor
 Marjorie Rowe Walton
 Jean Adele Eielson
 Cynthia Joan Peters
 William Hoyt Witherell

DISTINCTION IN THE MAJOR

Business Administration
 Albert Forrest Carville, Jr.

Classics
 Robert John Gula

Economics
 Susan Comeau
 William Hoyt Witherell

Geology
 Jon Franklin Hall

German
 Julia Fuller Dodge
 Cynthia Joan Peters

French
 Mary Elizabeth Brown
 Jean Adele Eielson
 Dian Rachel Emerson
 Susan Stein Fenn
 Anne Marguerite Quirion

History
 Francis Delargis Kirby

Mathematics
 Ava Judith Thompson
 Doris Deborah Wilson

Philosophy
 Marjorie Rowe Walton

HONORS IN THE COMPREHENSIVES

Business Administration
 Albert Forrest Carville, Jr.
 Howard Vaughan Clarke

Classics
 Robert John Gula

Economics
 Paul Bruce Chader
 Susan Comeau
 William Hoyt Witherell

French
 Mary Elizabeth Brown
 Jean Adele Eielson
 Dian Rachel Emerson
 Susan Stein Fenn
 Anne Marguerite Quirion

Geology
 Jon Franklin Hall

German

Julia Fuller Dodge
Cynthia Joan Peters

Government

James Prentice Dolian

History

Francis Delargis Kirby
Neal Ossen
Lillian Jane Waugh

Mathematics

Ava Judith Thompson
Doris Deborah Wilson

Philosophy

Marjorie Rowe Walton

Theodore Maxwell Kellogg

An Attempt to Determine the Pattern of Chromosomal Inheritance in the Intermediate Iris

Laura Newman

Voltaire and Rousseau: A Comparison of Their Philosophies of Religion

Cynthia Joan Peters

The Musilian Concept of Modern Man

Sally Ann Proctor

The Ambivalence in Tacitus' Attitude Toward Tiberius: Odi et Amo

Anne Marguerite Quirion

Le Role de l'individu dans le roman francais du vingtieme siecle

Merrill C. Raikes, 3rd

A Study of Proteinuria - Isolation of Proteins from the Nephrotic Syndrome

HONORS, PRIZES AND AWARDS

Phi Beta Kappa

Mary Elizabeth Brown
Jean Adele Eielson
Susan Stein Fenn
Robert John Gula
Jon Franklin Hall
Brian Gerard McAlary
Laura Newman
Cynthia Joan Peters
Sally Ann Proctor
Anne Marguerite Quirion
Marjorie Rowe Walton
William Hoyt Witherell

MILITARY GRADUATES

Receiving commissions as Second Lieutenants, United States Air Force
Edward F. Buyniski, Jr.
Carl A. Caito
Paul B. Chader
Timothy J. Dakin
David A. Johnson
Ralph A. Kimball, Jr.
William B. Law
Charles S. Ludwig
Robert J. Metzler, Jr.
Gordon L. Moog
Rodney D. Pierce
Frederick J. Sears, Jr.
George Swasey
Peter S. Vogt
Peter Wadsworth

SENIOR SCHOLARS

Paulette Rachel French
The Insatiable Seeker: A Study of the Concept of Individual Freedom in the Works of Andre Gide

Raymond O. White
 Robert W. Whitehouse
 Charles P. Williamson, Jr.

*Receiving a commission as a Second
 Lieutenant, United States Marine Corps*
 James P. Johnson

MASTER OF SCIENCE IN TEACHING

Jane Russell Abbot, *Waterville*
 Muriel Lane Anderson, *Westerly, R. I.*
 Robert Bernard Carr, *Auburndale, Mass.*
 David Edwin Crockett III, *Wilton*
 Marjorie Stewart Edwards, *St. Louis, Mo.*
 Gladys H. Forslund, *Mount Hermon, Mass.*
 Richard Earl Getchell, *Westbrook*
 George James Giffin, *Fair Haven, N. J.*
 Robert Lowe Harlow, *Westbrook*
 Durward Holman, *Cape Elizabeth*
 Frederick Rufus Mason, *Indianapolis, Ind.*
 Eugene Joseph McCarthy, *East Islip, N. Y.*

HONORARY DEGREE RECIPIENTS

Robert Newton Anthony
Doctor of Humane Letters
 Madeleine Burrage
Master of Arts
 Mildred Burrage
Master of Arts
 Carl Joachim Friedrich
Doctor of Humane Letters
 Cornelia Pulsifer Kelley
Doctor of Letters
 Lewis Hermann Kleinholz
Doctor of Science
 Lawrence Lee Pelletier
Doctor of Laws
 Joseph Coburn Smith
Doctor of Humane Letters
 Robert Burns Woodward
Doctor of Science

DEGREES AWARDED AT COMMENCEMENT
 SUNDAY, JUNE 7, 1964

BACHELOR OF ARTS

MEN'S DIVISION

Mark David Albertson, *Lancaster, Pa.*
 Jonathan Allen, *Fall River, Mass.*
 Norman Ernest Anderson, Jr., *Londonderry, Vt.*
 Albert Thomas Andrews III, *Medford, N. J.*
 Charles Francis Angell, *Kingston, Mass.*
 Charles Borromeo Peter Angwenyi,
Kisii, Kenya
 Peter George Arvanitis, *Springfield, Mass.*
 Edward Joseph Baker III, *Meadville, Pa.*
 Isaac Davis Balbus, *Kew Gardens, N. Y.*
 Bentley Huger Beaver, *New York, N. Y.*
 John Kennedy Beeson, Jr., *Pittsburgh, Pa.*
 Theodore Haggard Bidwell,
West Hartford, Conn.
 Jack Bober, *New York, N. Y.*
 William Clark Bradford, Jr.,
Old Greenwich, Conn.
 Jan Willem Brassem, *Larchmont, N. Y.*
 Laurence Ian Braun, *Oyster Bay, N. Y.*
 Paul Robert Brown, *Rochester, N. H.*
 Kendall Burford, *Fort Lee, N. J.*
 Wilfred Charles Burgoyne, Jr.,
Marblehead, Mass.
 John Nathan Bush, *Summit, N. J.*
 Louis Edward Chesner, *Waterville*
 Jonathan Choate, *Bedford, N. Y.*
 Philip Stubbs Choate, *Waterville*
 Michael Stephen Cohen, *Hamden, Conn.*
 Peter Alexander Cooper, *New York, N. Y.*
 James Cosbey III, *Milton, Mass.*
 James Bartlett Crawford, *Hamden, Conn.*
 Robert Wyman Drewes, *Pelham, N. Y.*
 Josiah Hayden Drummond, Jr., *Portland*
 Robert Darlington Dyer, *Doylestown, Pa.*
 Lauritz Nelson Dyhrberg, *Westbrook*
 John Dyson, *Winsted, Conn.*
 James Greer Ellis, *Pelham, N. Y.*
 Luther Lee Emerson III, *North Haven, Conn.*

- Robert Temple Emmet, *Portland*
 Charles Dennis Fallon, *West Bloomfield, N. Y.*
 Jay Gordon Fayerweather, *Ho-ho-kus, N. J.*
 Kenneth Leslie Federman,
New Hyde Park, N. Y.
 Fred Forest Field, *Brockton, Mass.*
 Wayne Edward Fillback, *Portland, Conn.*
 Jon August Fredrikson, *Scarsdale, N. Y.*
 Richard James Friary, *Biddeford*
 John Edward Friberg, *Manchester, N. H.*
 Arthur Stuart Fulman, *Malden, Mass.*
 Robert Michael Furek, *Palisade Park, N. J.*
 Richard Bazoll Geltman, *Newton, Mass.*
 Daniel Thomas George, *Brockton, Mass.*
 John William Gibbons, *Port Washington, N. Y.*
 Donald Edwin Gilbert, Jr.,
Islington, Ontario, Canada
 Robert Charles Glassman, *Milton, Mass.*
 Stephen Sumner Goldberg, *Brookline, Mass.*
 John Russell Gow, Jr., *Simsbury, Conn.*
 Gardner Bradlee Gray, *Winchester, Mass.*
 David Greene, *New York, N. Y.*
 Wilmot Chapman Hallett III, *Mineola, N. Y.*
 Angus Barney Hallowell, *Andover, Mass.*
 Ronald Daniel Hamburger, *Worcester, Mass.*
 Wallace Bernard Hamby, Jr.,
Shaker Heights, Ohio
 Dennis David Hammer, *Bayside, N. Y.*
 Dennis Lord Hardy, *York*
 Stephen Hartrick Harris, *Pelham Manor, N. Y.*
 Peter David Hart, *Berkeley, Calif.*
 Donald Bruce Haughs, *Cos Cob, Conn.*
 John Kenneth Haynes, Jr., *West Haven, Conn.*
 James D. Henderson, *Marblehead, Mass.*
 William Frederick Hendrickson,
New York, N. Y.
 Bruce Alexander Henkle, *Waterford, Conn.*
 Herman Arthur Hipson, *Auburn, Mass.*
 Andrew Paul Houlahan, *Greenwich, Conn.*
 Michael John Impastato, *New York, N. Y.*
 Roger John Isbister, *Oakland*
 Ernest Martin Johnson, Jr., *Gardner, Mass.*
 Robert Cleveland Johnston III,
Plainville, Conn.
 Myron Kazanjian, *Winchester, Mass.*
- John Paul Kelleter, *Reading, Mass.*
 Ralph Abbott Kimball, Jr., *Topsfield, Mass.*
 Michael Roy Knox, *Brownville*
 John Lawrence Kreideweis, *Union, N. J.*
 Richard Jeffrey Larschan, *New York, N. Y.*
 William Ames Leighton III, *Winchester, Mass.*
 John Kenneth Leupold, *Fairfield, Conn.*
 Eric Hudson Levi, *Mombasa, Kenya*
 Kenneth Robert Levy, *Merrick, N. Y.*
 Harry Saul Libby, *Torrington, Conn.*
 Bruce Lester Lippincott, *Riegelsville, Pa.*
 Alex Lloyd, *Oberlin, Ohio*
 John Allen Lockwood, *Wilmington, Del.*
 John Leland Luternauer, *Sao Paulo, Brazil*
 Bruce Phillips Lytle, *Buffalo, N. Y.*
 Edward Robert McClure, *Pawtucket, R. I.*
 Morgan McGinley, *Noank, Conn.*
 John Francis McNabb, Jr., *Saco*
 Edward William Malley III, *Cohasset, Mass.*
 Robert Barry Mangion, *Falmouth*
 Paul Louis Marsolini, *Milton, Mass.*
 Robert Joel Master, *North Reading, Mass.*
 John Collier Mechem, *Westwood, Mass.*
 Robert Joseph Metzler, Jr., *Wellesley, Mass.*
 Arthur Green Miller, *Jackson Heights, N. Y.*
 Deane George Minahan, *Darien, Conn.*
 Everett Chadwick Mitchell, *Winchester, Mass.*
 Norman Charles Mitchell,
East Bridgewater, Mass.
 Donald Allen Morgan, *West Hartford, Conn.*
 Donald Edward Nevin, *Goshen, Conn.*
 Jean-Paul Njoya, *Foumban, Cameroun*
 Kenneth Paul Nye, *Glenview, Ill.*
 John Adams Oaks, *North Plainfield, N. J.*
 Clifford Bruce Olson, *Melrose, Mass.*
 Hans Tanberg Onsager, *New Haven, Conn.*
 Paul Kendall Palmer, Jr., *Needham, Mass.*
 Stephen James Papish, *Danbury, Conn.*
 Frank Harding Parker, *Cumberland*
 John Wesley Parkes, *New Port Richey, Fla.*
 William Stewart Patrick, *New Haven, Conn.*
 Raymond Keller Perkins, Jr., *Concord, N. H.*
 John Alfred Peterson, *Milwaukee, Wis.*
 Richard Matthew Pious, *Brooklyn, N. Y.*
 Jon Perley Pitman, *North Vassalboro*

David Lane Polley, *Nashua, N. H.*
 William Beatty Pollock, *Beverly, Mass.*
 John Edward Pomeranz, *Avon, Conn.*
 Frederick Woodford Post, Jr., *Rochester, N. Y.*
 Benjamin Chase Potter, Jr., *Waltham, Mass.*
 Bruce Gibbs Pritchard, *Waterford, Conn.*
 Alan Sherburne Rhoades, *Exeter, N. H.*
 Richard Joseph Robbat, *Lexington, Mass.*
 John Alexander Robinson, *West Granby, Conn.*
 Michael Alan Robinson, *Sherman Station*
 Murdock John Ross, Jr., *Dorchester, Mass.*
 John Nicolas Ruf, *Waterville, N. Y.*
 John Howard Ryan, *Walpole, Mass.*
 Stephen Schoeman, *New Rochelle, N. Y.*
 Lawrence Douglass Schulze, *Newton, Conn.*
 Jerrold Lee Shapiro, *Milton, Mass.*
 Todd Hall Sherman, *Waltham, Mass.*
 Donald James Short, *Hull, Mass.*
 George Michael Shur, *Portland*
 John Bosworth Silver, *Longmeadow, Mass.*
 James Stephen Simon, *Brooklyn, N. Y.*
 John Harris Sitkin, *Peekskill, N. Y.*
 Kenneth Barry Skodnek, *Bayville, N. Y.*
 Allan Marvin Smith, *Three Rivers,*
Quebec, Canada
 Abbott Kinsman Snow, *Darien, Conn.*
 Charles Bruce Snow, *Riverside, Conn.*
 Kenneth Clyde Stone, *Portland*
 Paul Strong, *Richmond Hill, N. Y.*
 Bernard Anthony Stupski, *Wallingford, Conn.*
 David Gustaf Sveden, *Needham, Mass.*
 Michael Sparks Sylvester, *Cleveland, Ohio*
 Lawrence Ellis Symington, *Dennis, Mass.*
 Paul Leo Tessier, *Oakland*
 Thomas McKean Thomas, *Mendham, N. J.*
 William Dyckman Thomas, *Lowell, Mass.*
 Demetrios Nicholas Valhouli, *Haverhill, Mass.*
 William Lewis Vaughan, *Manchester*
 David Taylor Vogt, *Lexington, Mass.*
 Jon Michael Brian Vore, *Nashua, N. H.*
 Bruce Irving Waldman, *Framingham, Mass.*
 David Robert Walley, *Kennebunkport*
 Robert Smith Weibust, *Manchester, Conn.*
 Andrew Jay Weiland, *New Hyde Park, N. Y.*
 Charles Bryant White, *Saco*

Edward Donald Winkler, Jr., *Reading, Mass.*
 Carlton Henry Winslow III, *Meriden, Conn.*
 John Christopher Wood, *Pleasantville, N. Y.*
 Frank Tracy Wright, *Saddle River, N. J.*
 Richard Arthur York, *Warwick, R. I.*
 Stephen Eliot Young, *Wellesley Hills, Mass.*
 Frank Theodore Zarembo, *Shoreham, Vt.*
 Richard Alfred Zipser, *Warwick, R. I.*
 Gerald Edwin Zoehler, Jr., *Waltham, Mass.*

As of the Class of 1963

Peter Hoffman Archer, *Dorset, Vt.*

As of the Class of 1962

David George Wiggins, *Scarborough*
 William Barnett, Jr., *Manchester, Mass.*

As of the Class of 1961

Bruce Bowman Turner, *Boston, Mass.*

As of the Class of 1960

Robert Compton Gerrard, *Watertown, Mass.*

WOMEN'S DIVISION

Jane Hollertz Anderson, *Brockton, Mass.*
 Joyce Marie Arnold, *Grosse Pointe, Mich.*
 Bonnie Jean Bankert, *Margate, N. J.*
 Doris Bergeron, *Saco*
 Nancy Virginia Bergeron, *Berlin, N. H.*
 Sally Anne Berry, *Kennebunkport*
 Barbara Jane Buis, *Marblehead, Mass.*
 Linda Winchester Burford, *Franklin, Mass.*
 Catharine Floyd Camp, *East Bluehill*
 Barbara-Jean Campbell, *Wilton, Conn.*
 Barbara Carol Carr, *Wynnewood, Pa.*
 Cynthia Barrington Carroll,
Old Greenwich, Conn.
 Margaret Davis Chandler, *Cumberland Center*
 Joanna Lee Cleveland, *Northfield, Vt.*
 Shirley Fussell Cobb, *Hanover, Mass.*
 Marjorie Prada Convery, *Edgartown, Mass.*
 Elizabeth Anne Crockett, *Camden*
 Craig Millett Crowell, *South Dartmouth, Mass.*
 Linda Kay Curtis, *Bridgton*

- Linda Jane Daman, *Bolton, Mass.*
 Barbara Walton Darling, *Ithaca, N. Y.*
 Lynne Reed Davidson, *Brockton, Mass.*
 Patricia Jean Downing, *Cranford, N. J.*
 Nancy Elisabeth Eckel, *Glen Head, N. Y.*
 Susan Ellsworth, *Geneva, Ill.*
 Karen Mae Eskesen, *Greenwich, Conn.*
 Martha Louise Farrington, *Augusta*
 Judith Fassett, *Tunkhannock, Pa.*
 Heather Macdonald Field, *Readfield*
 Linda Anderson Field, *Portland*
 Cynthia Bonnevie Fischer, *West Boylston, Mass.*
 Barbara Anne Flewelling, *Augusta*
 Anne Frederick Gellhorn, *Englewood, N. J.*
 Susan Amanda George, *West Newbury, Mass.*
 Barbara Joann Gordon, *Newton Centre, Mass.*
 Annette Petersen Gottfried, *Trumbull, Conn.*
 Nancy Louise Green, *Washington, D. C.*
 Lee Haskell, *Canaan, N. H.*
 Carol Haynes, *Bedford, Mass.*
 Sandra Hayward, *Worcester, Mass.*
 Anita Lucille Hegmann, *New London, Conn.*
 Elaine Speers Higgins, *Winthrop*
 Janis Hillery, *Groton, Conn.*
 Martha Frances Hincks, *Arlington, Va.*
 Beatrice Shaw Hodgdon, *Nobleboro*
 Carol Alys Ingerman, *Rockport, Mass.*
 Linda Jean Johnson, *Lexington, Mass.*
 Doris Helen Kearns, *Rockville Centre, N. Y.*
 Colleen Ann Khoury, *Queens Village, N. Y.*
 Karen Marie Knudsen, *Cumberland Foreside*
 Gail Purdy Koch, *East Brewster, Mass.*
 Barbara Irene Kreps, *Philadelphia, Pa.*
 Bernice Gay Levine, *Brockton, Mass.*
 Jane Langworthy Lewis, *Watertown, Conn.*
 Mary Louise Lippschutz, *Buffalo, N. Y.*
 Jacqueline Roe Lloyd, *Hampden Highlands*
 Susan Averill Lockhart, *East Brunswick, N. J.*
 Lois Browning Lyman, *Andover, Mass.*
 Judith Ellen McCarthy, *Waltham, Mass.*
 Barbara Taylor McClarin, *Swarthmore, Pa.*
 Sara Andrews McCobb, *Westfield, N. J.*
 Joyce Anne MacDonald, *Whitefield*
 Esther Eno McDonough, *Manchester, N. H.*
 Barbara Neal McFaul, *Annapolis, Md.*
 Joan Ruth McGhee, *Brookline, N. H.*
 Madeleine Friend Marcus, *Riverside, R. I.*
 Jean Ann Martin, *Irvington, N. J.*
 Margaret Anne Mattraw, *Topsfield, Mass.*
 Kristin Virginia Meyer, *Nashotah, Wisc.*
 Margaret Anne Miller, *Lebanon, Pa.*
 Judith Abbe Milner, *Cynwyd, Pa.*
 Nancy Evelyn Mitchell, *Shrewsbury, Mass.*
 Elinor Claire Moran, *Westfield, N. J.*
 Nancy Gray Morrison, *Scituate, Mass.*
 Suzanne Joy Noyes, *Oak Hill, W. Va.*
 Ann Schmidt Nye, *Chappaqua, N. Y.*
 Sally Louise Page, *Guilford*
 Susan Ellsworth Pelson, *Mattapoisett, Mass.*
 Nancy Alden Pendleton, *Mount Lebanon, Pa.*
 Lois Ann Philbrick, *Rye, N. H.*
 Marcia Lynn Phillips, *Glen Ridge, N. J.*
 Nancy Elaine Rankin, *Lincolnton*
 Cynthia Augusta Rose, *Katonah, N. Y.*
 Sally Mae Saabye, *Warwick, R. I.*
 Susan Leslie Sawyer, *New London, N. H.*
 Nancy Ellen Saylor, *Reading, Mass.*
 Linda Jane Scanlon, *Beverly, Mass.*
 Martha Penny Schatt, *Miami, Fla.*
 Leonore June Scrafton, *Staten Island, N. Y.*
 Hannah Hull Sewall, *Cape Elizabeth*
 Sara Kennison Shaw, *Longmeadow, Mass.*
 Gloria Ann Shepherd, *New York, N. Y.*
 Sandra Gene Smith, *Valhalla, N. Y.*
 Mary Ann Stimson, *Evanston, Ill.*
 Judith Van Dine Sylvia, *Doylestown, Pa.*
 Joan Clapp Thiel, *Wellesley, Mass.*
 Joan Phillipps Thompson, *Melrose, Mass.*
 Shirley Ann Tozier, *Portland*
 Dorothy Ann Weathers, *Garden City, N. Y.*
 Dawne Rae Wiswell, *Waterville*
 Sherryl Avis Worthley,
 Warehouse Point, Conn.
 Lucinda Laurier Wulling, *LaCrosse, Wisc.*
 Janet Young, *Ossining, N. Y.*

As of the Class of 1963
 Karen Moore Butler, *Chicago, Ill.*

HONORS IN GENERAL SCHOLARSHIP

Summa Cum Laude

Barbara Anne Flewelling

Magna Cum Laude

Isaac Davis Balbus

Doris Helen Kearns

Suzanne Joy Noyes

Cum Laude

Linda Kay Curtis

Kenneth Leslie Federman

David Greene

Paul Louis Marsolini

Arthur Green Miller

Richard Matthew Pious

Lawrence Ellis Symington

DISTINCTION IN THE MAJOR

Art

Karen Mae Eskesen

Arthur Green Miller

Economics

William Frederick Hendrickson

Alex Lloyd

English Literature

Joyce Ann MacDonald

French

Linda Kay Curtis

Cynthia Bonnevie Fischer

Barbara Ann Flewelling

German

Dawne Rae Wiswell

Government

Isaac Davis Balbus

John Nathan Bush

David Greene

Doris Helen Kearns

Colleen Ann Khoury

Suzanne Joy Noyes

Richard Matthew Pious

History

Edward Joseph Baker III

Heather Macdonald Field

Psychology

Kenneth Leslie Federman

Lawrence Ellis Symington

Spanish

Nancy Elisabeth Eckel

HONORS IN THE COMPREHENSIVES

Art

Karen Mae Eskesen

Arthur Green Miller

Frank Theodore Zaremba

Economics

William Frederick Hendrickson

Alex Lloyd

Edward William Malley III

English Literature

Joyce Ann MacDonald

French

Linda Kay Curtis

Cynthia Bonnevie Fischer

Barbara Ann Flewelling

German

Sara Andrews McCobb

Dawne Rae Wiswell

Government

Isaac Davis Balbus

John Nathan Bush

David Greene

Dennis Lord Hardy

Doris Helen Kearns

Colleen Ann Khoury

Suzanne Joy Noyes

Richard Matthew Pious

History

Edward Joseph Baker III

Heather Macdonald Field

Psychology

Kenneth Leslie Federman

Lawrence Ellis Symington

Spanish

Nancy Elisabeth Eckel

PHI BETA KAPPA

Edward Joseph Baker III
 Isaac Davis Balbus
 Bonnie Jean Bankert
 Kenneth Leslie Federman
 Barbara Anne Flewelling
 David Greene
 Doris Helen Kearns
 Paul Louis Marsolini
 Arthur Green Miller
 Suzanne Joy Noyes
 Richard Matthew Pious
 Mary Ann Stimson
 Lawrence Ellis Symington

SENIOR SCHOLARS

Kenneth Leslie Federman
*Methodological and Theoretical Problems in
 'New Look' Perception*

Daniel Thomas George
Work, the Working Man, and his Union

Arthur Green Miller
The Role of Technique in Picture-Making

Lawrence Ellis Symington
*Consolidation Theory, A Study of Memory in
 Mice and Men*

Dawne Rae Wiswell
*A Comparative Study of the Theistic
 Expressionism and Later Developments in the
 Writings of Franz Werfel with the Elements
 of Christian Traditionalism in the
 Works of Gertrud von le Fort*

MILITARY GRADUATES

*Receiving commissions as Second Lieutenants,
 United States Air Force*
 Norman E. Anderson, Jr.
 Jan W. Brassem
 Robert W. Drewes
 James G. Ellis
 John E. Friberg
 William F. Hendrickson

Bruce A. Henkle
 Michael R. Knox
 John L. Kreideweis
 Robert J. Metzler, Jr.
 Paul K. Palmer, Jr.
 Bruce G. Pritchard
 Todd H. Sherman
 Donald J. Short
 Bernard A. Stupski, Jr.
 Robert W. Woodward, Jr.
 Gerald E. Zoehler, Jr.

*Receiving commissions as Second Lieutenants,
 United States Marine Corps*
 John A. Lockwood

MASTER OF SCIENCE IN TEACHING

Verne Elwood Bodwell, *Kennebunk Beach*
 Kelvin Warner Dalton, *Hampton, N. H.*
 Frederick Gustave Dick, *Westport, Conn.*
 Paulose E. Painadath, *Vassalboro*
 James Creswell Stormont, *Miami, Fla.*

HONORARY DEGREE RECIPIENTS

Gordon Willard Allport
Doctor of Science

Frederick Harold Dubord
Doctor of Laws

Lloyd Goodrich
Doctor of Fine Arts

Jens Fredrick Larson
Doctor of Humane Letters

Colin Bridges Mackay
Doctor of Laws

Harold Chesterfield Marden
Doctor of Laws

Arthur F. Scott
Doctor of Science

Rosalyn Tureck
Doctor of Music

Adlai Ewing Stevenson
Doctor of Letters

Interviewers for Admission

CALIFORNIA

Fullerton

Miss Susan Campbell, '52
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Los Angeles

Mr. Lew W. Bowman
10700 Wilshire Boulevard

Palo Alto

Prof. Willard Wyman, '56
Freshman English Department
Stanford University

San Francisco

Prof. Norman B. Lattin, '18
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198 McAllister Street

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Mrs. James T. Greenwood
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Denver

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(Janet Kimball, '57)
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CONNECTICUT

Bloomfield

Mr. Robert Roth, '51
Mrs. Robert Roth
(Helen Palen, '51)
90 Wintonbury Avenue

Fairfield

Mr. Wilford D. Whiteley, '51
173 Puritan Road

Greenwich

Miss Miriam Hardy, '22
26 Lexington Avenue

Lakeville

Mr. William L. Bryan, '48
Hotchkiss School

Mr. Arthur Eddy, '54
Mrs. Arthur Eddy
(Barbara Guernsey, '54)
Hotchkiss School

Mr. Arthur White, '52

Hotchkiss School

Monroe

Mr. Karl Decker, '54
Mrs. Karl Decker
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R.F.D. #5, Elm Street

New London

Mr. David W. H. Harvey, '53
15 Glenwood Place

Torrington

Mrs. Arthur J. Robinson
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57 Dorothy Drive

Waterbury

Miss Louise Leavenworth, '49
329 Circular Avenue

West Hartford

Mr. Clayton W. Johnson, '25
30 Lockwood Terrace

Mr. Norman P. Lee, '58
146 Loomis Drive

Willimantic

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201 Lewiston Avenue

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Washington

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412 Fifth Street, N. W.

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MARYLAND

Chevy Chase

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(Elizabeth Winkler, '53)
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435 East 79th Street

Mrs. Ernest Tracy
1136 Fifth Avenue

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Mrs. Robert N. Wulfing
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College of Arts and Sciences
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Mrs. Norval E. Garnett
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St. Johnsbury Academy

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(Frances Buxton, '59)
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Falls Church

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Mrs. Charles M. Stansel
(Lois Meserve, '63)
Glacier Ranger Station

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Mrs. John W. Daggett
(Natalie Moores, '42)
6260 N. Santa Monica Boulevard

Enrollment by States and Countries

CLASSIFIED ACCORDING TO GEOGRAPHICAL
LOCATIONS OF STUDENTS' HOMES
1964-65

	<i>Total</i>	<i>Men</i>	<i>Women</i>				
ALL AREAS	1369	796	573				
NEW ENGLAND	947	547	400	South Carolina	1	—	1
Connecticut	140	92	48	Tennessee	2	—	2
Maine	288	149	139	Texas	1	1	—
Massachusetts	408	258	150	Virginia	10	7	3
New Hampshire	73	36	37	Washington	4	1	3
Rhode Island	26	10	16	Wisconsin	8	5	3
Vermont	12	2	10				
OUTSIDE NEW ENGLAND	395	230	165	OUTSIDE THE UNITED STATES	27	19	8
Alabama	1	—	1	Aden	1	1	—
California	2	2	—	Argentina	1	—	1
Colorado	1	1	—	Canada	5	4	1
Delaware	2	—	2	Cuba	1	—	1
District of Columbia	3	1	2	Dominican Republic	1	—	1
Florida	6	4	2	England	1	1	—
Hawaii	3	1	2	France	1	1	—
Illinois	14	4	10	Germany	1	—	1
Indiana	2	—	2	Hong Kong	1	1	—
Iowa	1	—	1	Italy	1	1	—
Kansas	1	—	1	Ivory Coast	1	1	—
Maryland	14	7	7	Japan	1	1	—
Michigan	3	2	1	Jordan	2	2	—
Minnesota	3	3	—	Lebanon	2	2	—
Missouri	2	1	1	Philippines	1	1	—
Nevada	1	—	1	Spain	1	—	1
New Jersey	94	57	37	Switzerland	1	1	—
New York	150	101	49	Tanganyika	1	—	1
North Carolina	3	—	3	Tchad	1	1	—
Ohio	25	14	11	Trinidad	1	—	1
Pennsylvania	38	18	20	Turkey	1	1	—

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