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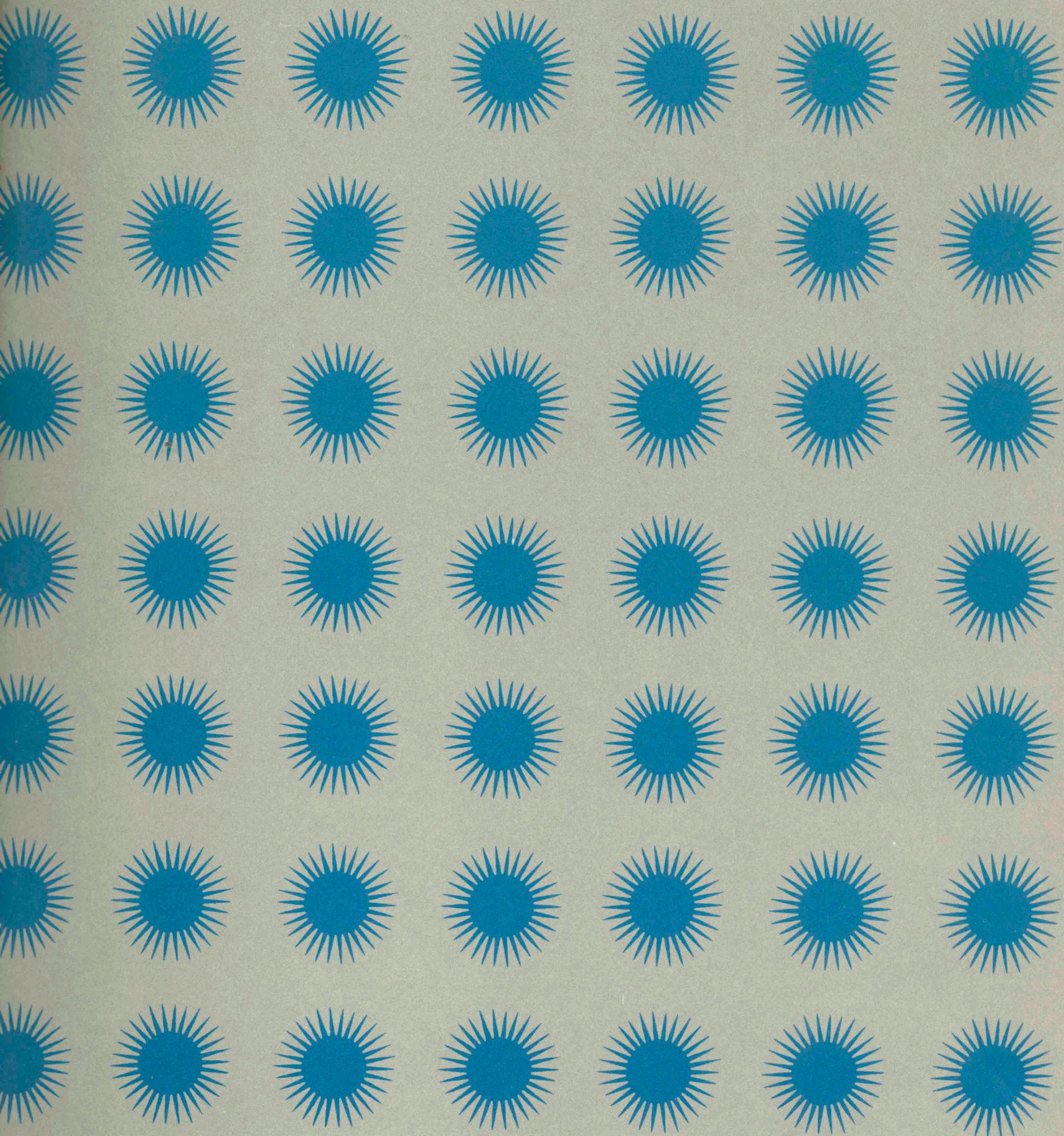
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Colby College, "Colby College Catalogue 1963 - 1964" (1963). *Colby Catalogues*. 84.
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COLBY COLLEGE BULLETIN

4687-4
Catalogue Issue May 1963



COLBY COLLEGE BULLETIN

WATERVILLE, MAINE • FOUNDED IN 1813 • ANNUAL CATALOG ISSUE • MAY, 1963



1963

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College Calendar, 1963-64

Friday, September 6	Freshman program begins
Tuesday, September 10	Upperclass registration
Wednesday, September 11	First classes
Saturday, October 26	Football game, away; classes end, 10:30 A.M.
Saturday, November 2	Homecoming Day; all classes omitted
Wednesday, November 27 10:30 A.M. to	Thanksgiving recess
Monday, December 2, 8:30 A.M.	
Tuesday, December 10	Last classes of first semester
Thursday, December 12, through Thursday, December 19	Semester examinations
Wednesday, December 18 (close of examinations) through Monday, January 6	Christmas recess
Monday, January 6 through Saturday, February 1	January Program
Monday, February 10, 8:30 A.M.	First classes of the second semester
Friday, March 27, 10:30 A.M. to Monday, April 6, 8:30 A.M.	Spring recess
Wednesday, May 6	Johnson Day; all classes omitted
Friday, May 8, through Thursday, May 21	Reading period for 300 and 400 courses
Saturday, May 9	Spring Weekend; all classes omitted
Thursday, May 21	Last classes for 100 and 200 courses
Friday, May 22	Comprehensive examinations
Monday, May 25 through Wednesday, June 3	Final examinations
Monday, June 8	Commencement

Inquiries to the college should be directed as follows:

ADMISSION		WILLIAM L. BRYAN, <i>Director 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		REBECCA C. LARSEN (MRS.), <i>Recorder</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 director of admissions.

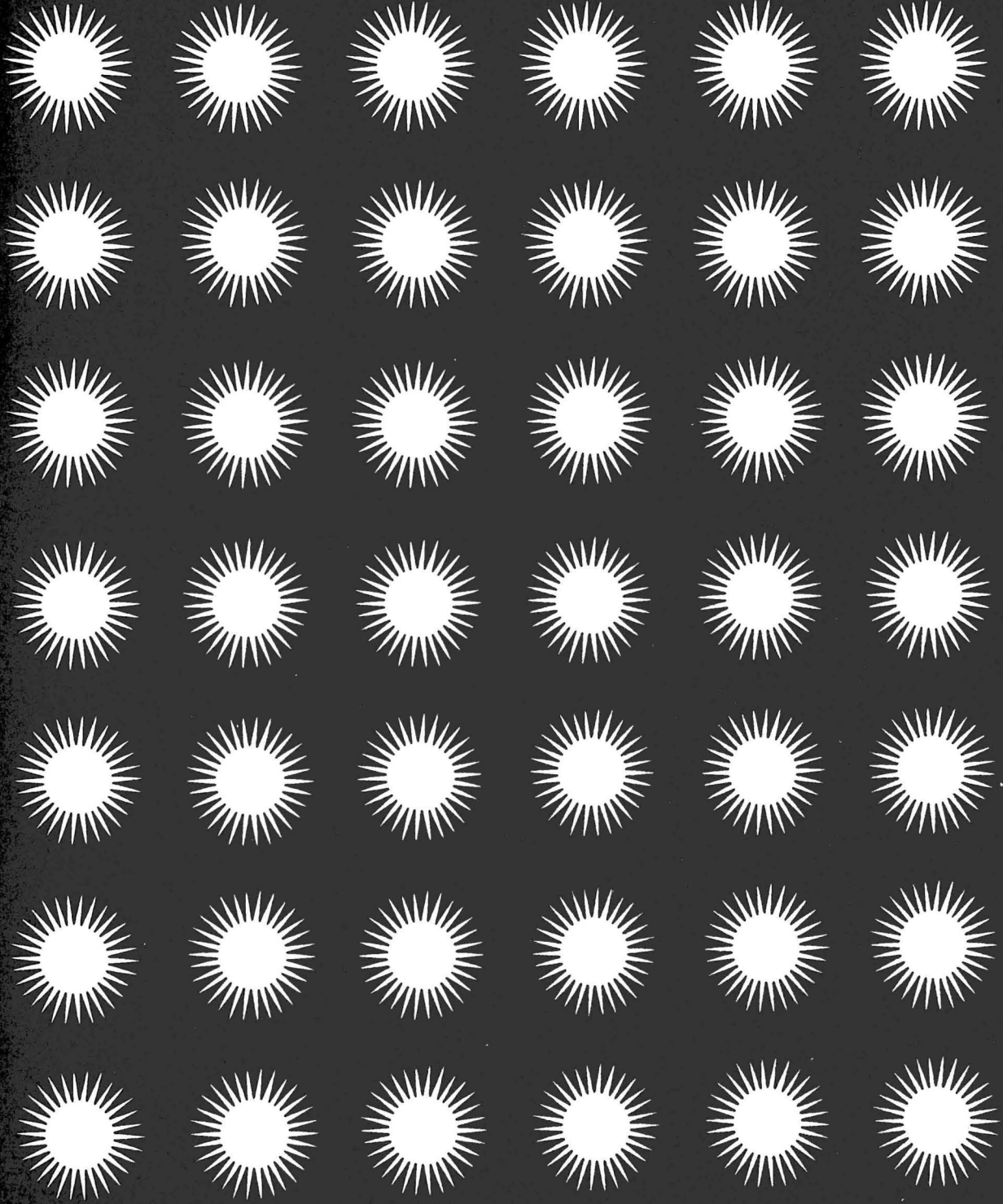
SERIES 62

NUMBER 3

MAY, 1963

The *Colby College Bulletin* is published five times yearly, in March, April, May, June and October.

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.



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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	765 men, 493 women.
FACULTY	112, full and part time.
ENDOWMENT	\$8,704,042, book value.
LIBRARY	200,000 books; 31,000 pamphlets.
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 ten 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 eight 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. The academic year 1962-63 was a milestone for Colby in many areas, 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, 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 ad-

vising, 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 (in which the college has an unusually strong program), 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 the 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 four years 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 literature; one in a foreign language, unless that requirement has been previously met; a course in 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. Prospective science majors 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	<p>English composition</p> <p>Foreign language, unless requirement already met</p> <p>A course in science or mathematics¹</p> <p>A course in the social sciences or the humanities</p> <p>Air science (for men) or some other elective</p> <p>Physical education (without academic credit)</p>
SOPHOMORE YEAR	<p>Survey of literature</p> <p>Foreign language, unless requirement is met</p> <p>A course in science or mathematics</p> <p>A course in the social sciences or the humanities</p> <p>Air science or some other elective</p> <p>Physical education (without academic credit)</p>

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. 63.)

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. 30 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:

(I) HUMANITIES

Art

Music

Classics (all courses)

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 those 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 require-
 ments, 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 re-
 quired 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*.

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 most 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.

The faculty committee on examinations exempts some 300- and 400-level courses from the reading period. In such cases students are so informed by the instructor and classes continue meeting during that period.

Reading period assignments are tested in the final examinations to a maximum of one third of the examination time.

ANUARY PROGRAM OF NDEPENDENT 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.

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 tenth day after the first day of classes. The recorder may permit registration later than this deadline 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 recorder'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 recorder's office.

ELECTION OF COURSES

Each spring, with the approval of their advisers, all students except seniors tentatively 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 recorder, 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 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 eleven calendar 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 eleventh day no students are permitted voluntarily to change from one course or section to another. During a semester a student may drop a course and receive a mark of *Dr.* (dropped) provided both his adviser and dean consent. If the adviser and dean agree that a course may be dropped, but must be considered as having been taken and failed, the mark shall be *F*. For abandoning a course without permission the student shall receive an *F* and be placed on probation. 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 *Dr.*

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.

If, on the insistence of his adviser or of the department concerned, a student repeats, as an extra course, any course which he has already passed, he shall not be charged an

extra course fee; but such a student shall not be permitted to carry such a course in addition to six courses.

AUDITING COURSES

Colby students may audit courses for which they are not registered by obtaining consent of the instructor, their adviser and their dean. 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. 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 director of schedule. 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, but under no circumstances may he be permitted to take a semester examination earlier than the date on which it is scheduled. A fee of five dollars is charged for each postponed examination. 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.

CADEMIC 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 recorder'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 recorder. In practice a student often obtains his mark directly from the instructor, but the only official record is that in the recorder's office. At the time of mid-semester warnings in November, the deans of men and women often ask instructors for an informal estimate of the standing of freshmen in order to have information about the progress of new students. Mid-semester statements are not official marks and are not recorded by the recorder's office.

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. Such a mark must be made up as soon as possible after the beginning of the following semester, and before the close of the semester. After the expiration of one semester a mark of *Abs.* is changed to *F*.

A mark of *Inc.* indicates a course not finished for some reason other than failure to take the final examination. The incomplete work must be made up within limits prescribed by the instructor or the mark will be changed to *F*. After the expiration of one semester, any remaining mark of *Inc.* is changed to *F*.

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

A mark of *Dr.* indicates that the course has been dropped with permission, and that the student was passing when it was dropped.

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 hours.

When a student's academic record is seriously deficient, the decision to retain or dismiss him from college is decided 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 only be effected officially by filing with the recorder a *Notice of Withdrawal*, a form which may be obtained from the dean. No refund will be paid by the treasurer until he has received formal notice from the recorder. In computing refunds the date on the official withdrawal notice is considered the date of withdrawal. A student who leaves college and neglects to effect official withdrawal until later cannot collect a refund for the elapsed interval.

**SELECTIVE SERVICE
EXAMINATIONS**

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 with their 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 200,000 volumes and documents. A periodical collection consisting of over 600 current journals is supplemented by the publications of the United States Government and the United Nations. On the basis of volumes per student, Colby has one of the larger college libraries in the country.

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. 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. 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 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 for admission 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 importance; also important are his health, character, and personality. Colby is interested in candidates with talent and with records of participation in extra-curricular activities.

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

Sixteen units are required:

English	4	History (or social studies)	1
Foreign language	2	Science (laboratory)	1
College preparatory mathematics	3	Elective	5

All correspondence regarding admission of freshmen should be addressed to the director of admissions.

COLLEGE BOARD TESTS

All candidates are required to take 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 other tests of the candidate's choice, should be taken no later than March of the senior year. Applicants are strongly encouraged to take an Achievement Test in the foreign language they expect to continue at Colby.

The College Board tests are given at many centers in the United States and foreign countries at various times during the year. 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 PLACEMENT

Colby subscribes to the Advanced Placement Program of the College Entrance Examination Board. Candidates interested in advanced placement and credit must take the Advanced Placement Test given by the board.

ADMISSION PROCEDURE

1. Application is made to the director of admissions. A non-refundable \$10 application fee to cover part of the cost of processing is required. A check or money order for this amount should be returned with the application.
2. Personal interviews are encouraged but not required. They may be arranged, by appointment, either at the college or with a Colby representative near the applicant's home. The admissions office is open for interviews from 9:00 to 12:00 and from 1:00 to 4:30, Monday through Friday. Group interviews only are scheduled for Saturday mornings.
3. The majority of each entering class is selected in April.
4. If admitted, an applicant must make the required deposit of \$50 not later than a date agreed upon by certain member colleges of the College Entrance Examination Board. The 1964 date is May 1st.

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. Exceptions may be made for veterans entering after military service.

An exception is also 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 chairman of the classics department, 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.

ADMISSION BY TRANSFER

Admission by transfer from another college is limited to a few selected students.

The prospective transfer student should write to the dean of men or the dean of women (not to the director of admissions) stating his reasons for wishing to transfer. An application form will be sent him to be completed and returned with the \$10 application fee. The student should ask his former college to send the appropriate Colby dean an official transcript of grades, a copy of the college catalog, and a personal letter from his dean recommending him for transfer.

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

ADMISSION OF VETERANS

Unless a veteran has attended another college, he applies for admission to the director of admissions, even if he intends to request advanced standing based on completion of service schools or USAFI courses. Each applying veteran is cautioned that any request for such credit must be made in advance of matriculation. Credits usually apply to freshman courses only. Once a veteran has begun a regular program it is too late to apply for service credits.

All requests for service credits are evaluated by the dean of men, to whom the director of admissions refers such cases.

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.

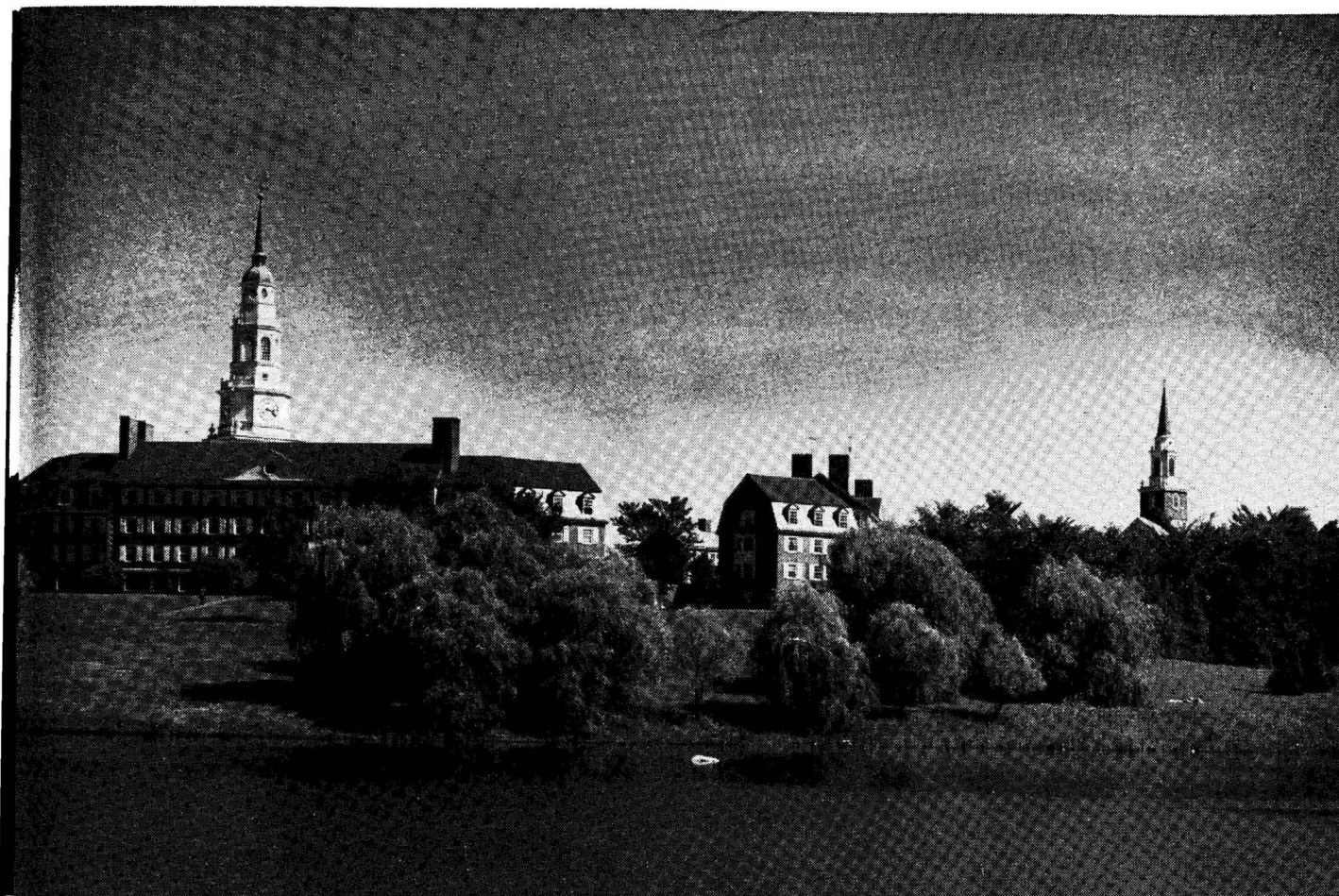
READING TESTS

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.

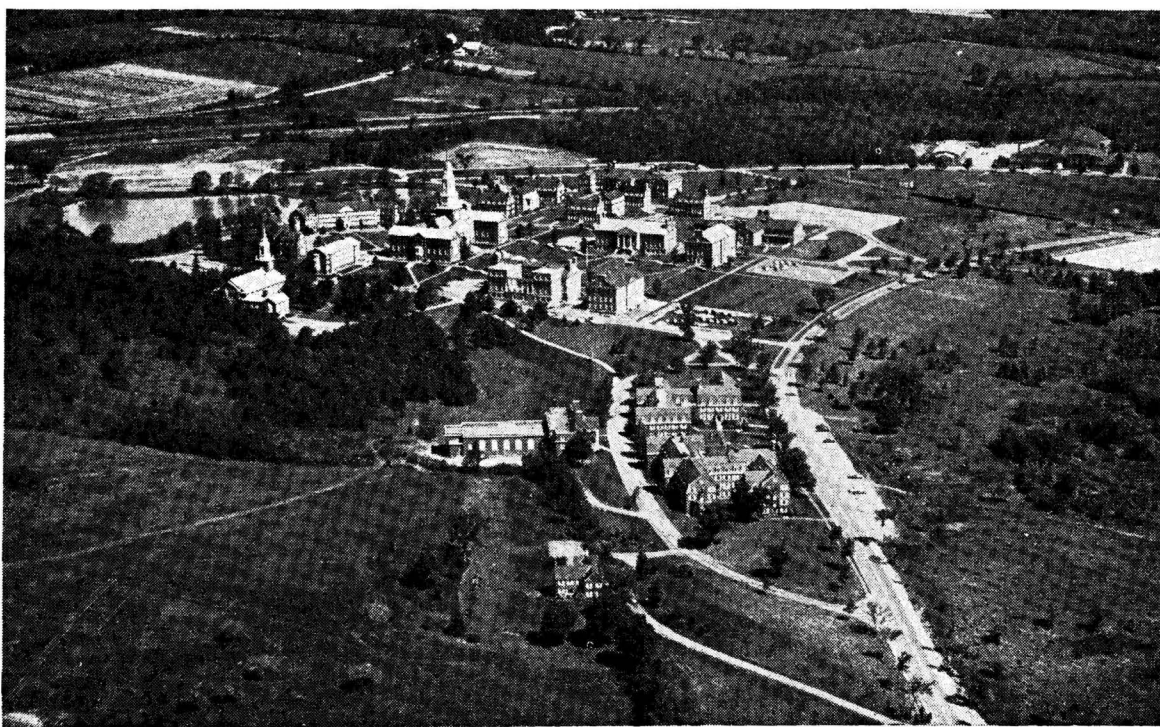
ORIENTATION FOR FRESHMEN

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. Those who show deficiency in the latter are offered assistance in a developmental reading program.

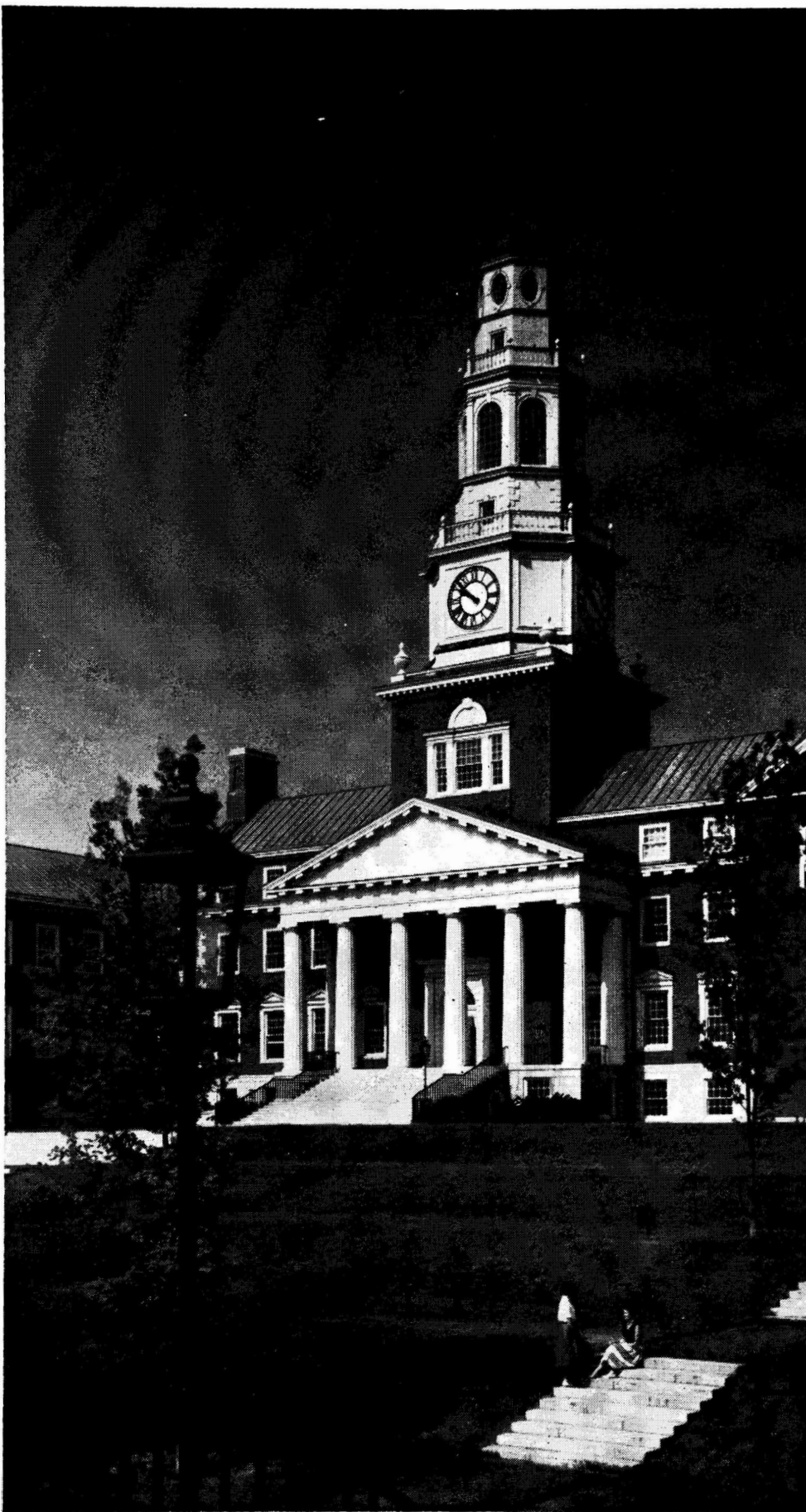
Social events are interspersed, and a faculty symposium on the topic of the freshman summer reading program initiates the intellectual life of the fall semester.



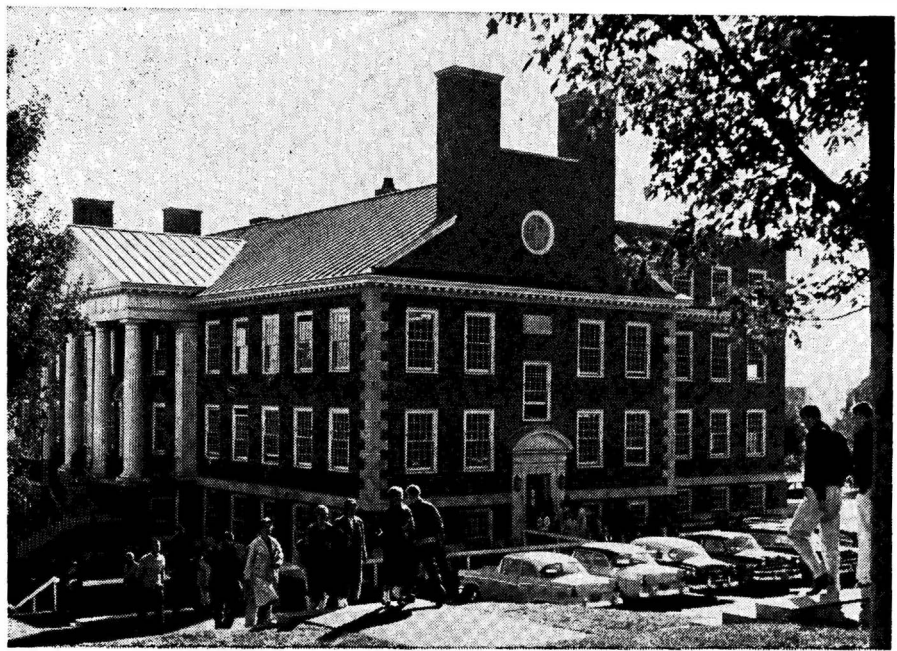
Across Johnson Pond



*Aerial view of
Mayflower Hill*



*tween classes
the Lovejoy
ilding*



allery of the Bixler Center



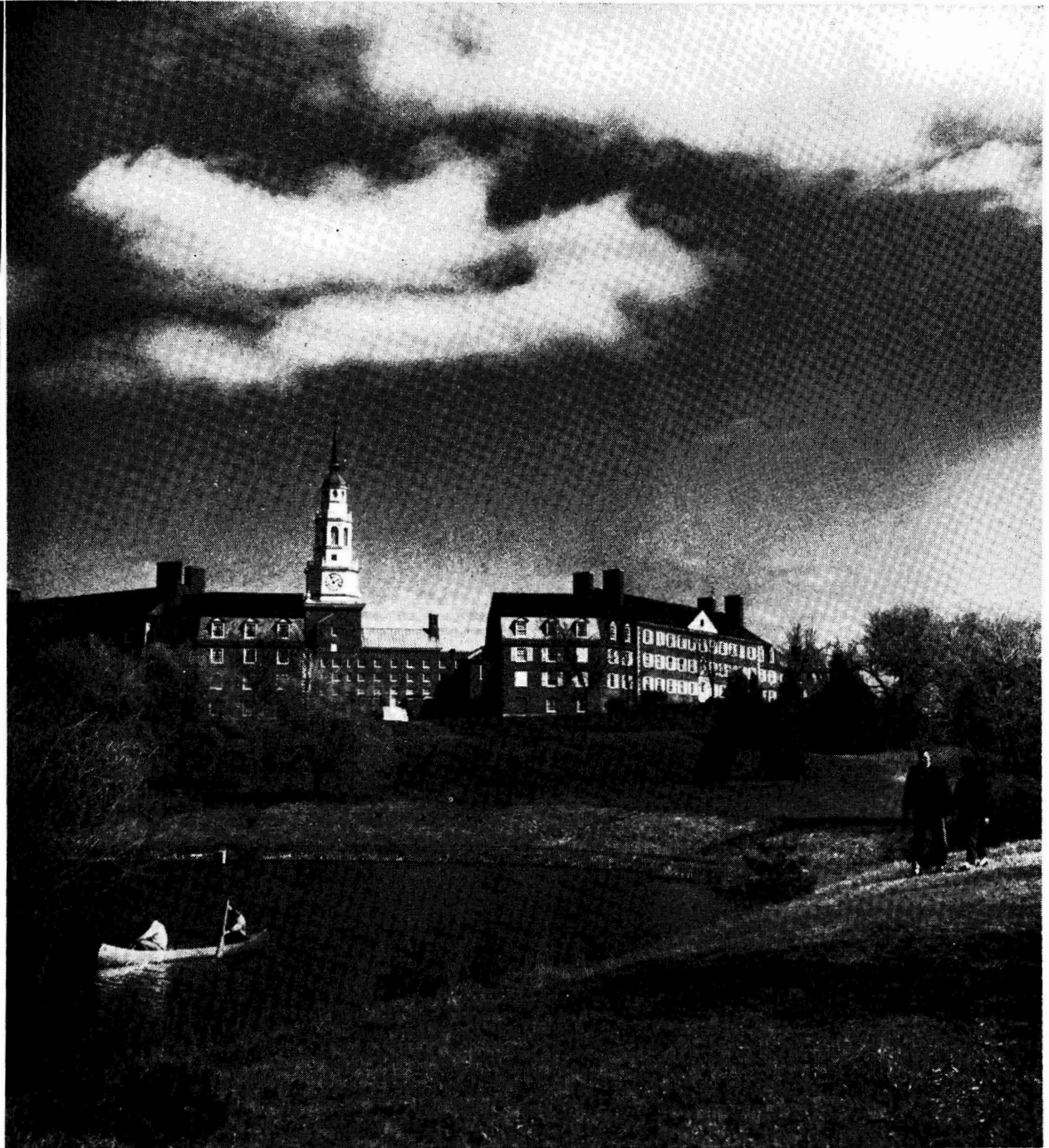
*Dolby Community
Symphony Orchestra*





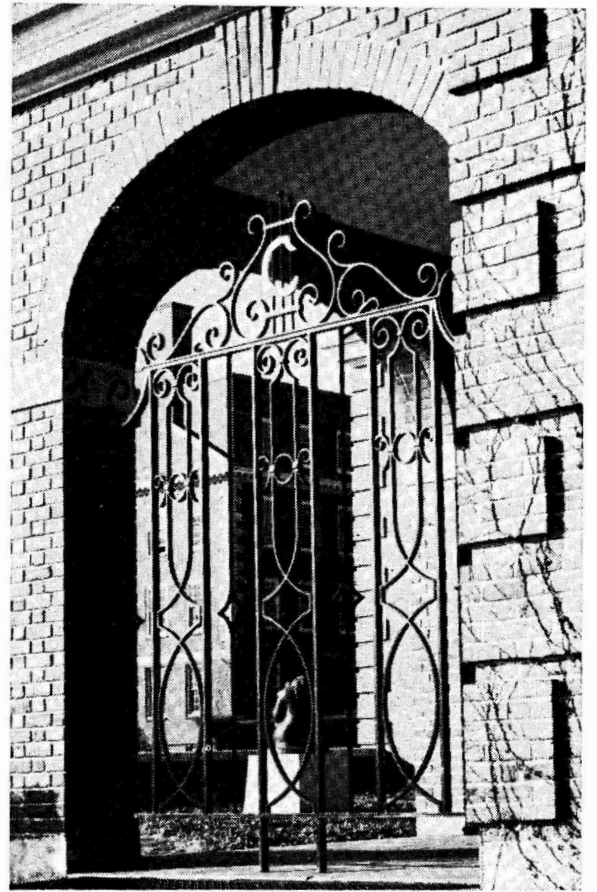
Bixler Art and Music Center

The beginning of spring



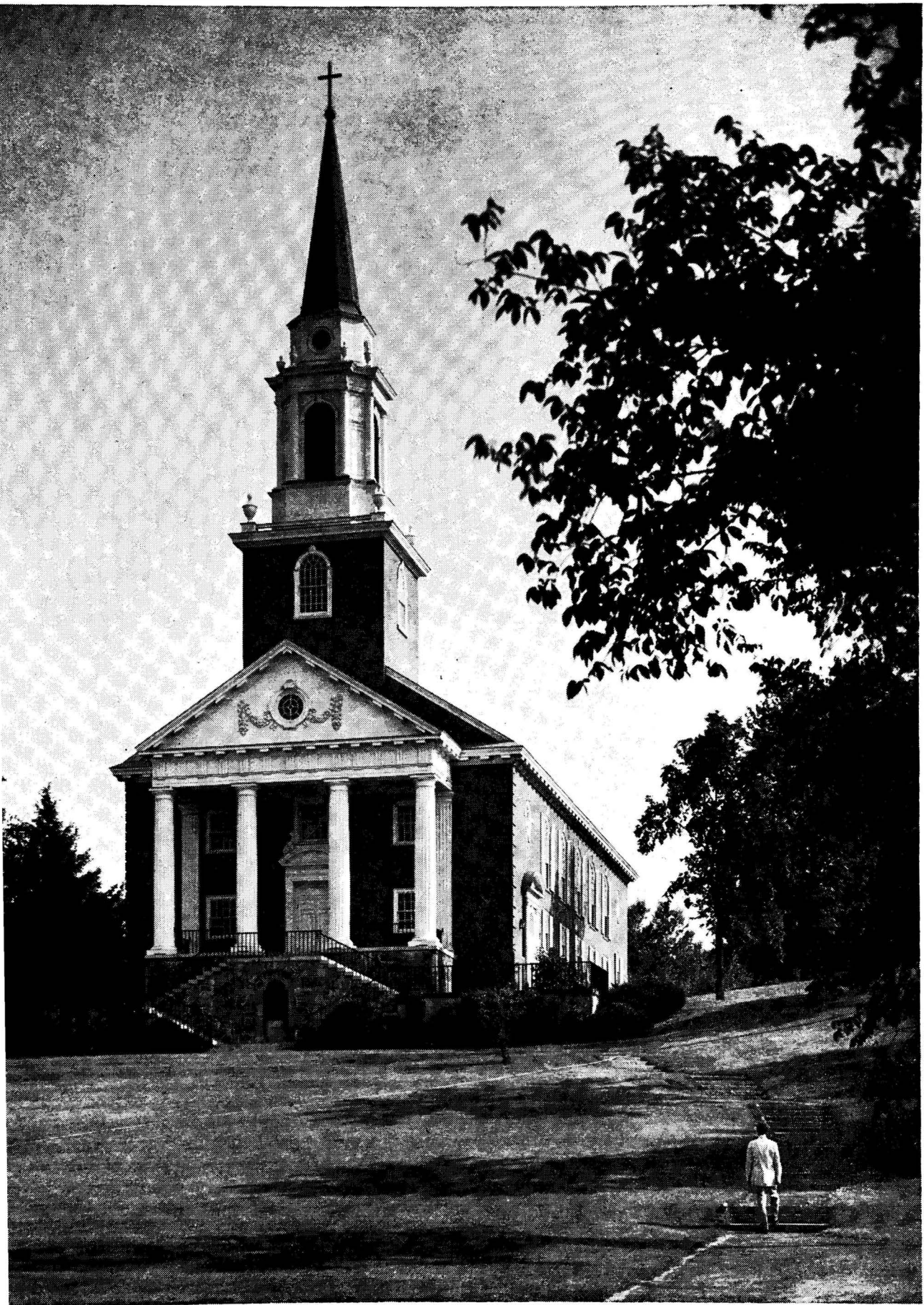


Afternoon in winter



Gateway to Montague Sculpture Court

Mary Low Hall



*Lorimer
Chapel*

Fees and Financial Aid

ANNUAL STUDENT CHARGES FOR 1963-64	Tuition	\$1,400
	Room	325
	Board	500
	Sickness and Accident Insurance	35
	Student Activities Fee	24
		<hr/>

CALENDAR OF PAYMENTS 1963-64	<i>Upon filing of application</i>	Application deposit	\$ 10.00
	<i>Upon acceptance for admission</i>	Admission deposit—freshmen	50.00
	<i>August 1</i>	Tuition deposit—upperclassmen	100.00
FIRST SEMESTER	<i>On or before September 1</i>	Tuition	\$ 700.00
		Room	162.50
		Board	250.00
		Sickness and Accident Insurance	35.00
		Student Activities Fee	24.00
			<hr/>
	<i>December 1</i>	Semester bill and miscellaneous items (see page 35)	
SECOND SEMESTER	<i>On or before January 20</i>	Tuition	\$ 700.00
		Room	162.50
		Board	250.00
			<hr/>
	<i>April 1</i>	Semester bill and miscellaneous items (see page 35)	
	<i>April 15</i>	Room deposit for following year	\$50

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 30) This deposit is later credited toward tuition due prior to registration.

Tuition deposit: non-refundable deposit of \$100 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 \$700 per semester for a five course program. The semester per course charge is \$140. Tuition must be paid prior to registration for each semester.

Room: room in college dormitories is charged at the rate of \$162.50 per semester payable prior to registration for each semester. All students are required to live in college housing facilities unless excused by the dean of men or the dean of women. Excuses may be granted only for students living at home or working in families for their rooms under arrangements specifically approved by the respective deans. Dormitory reservations are made through the offices of the deans.

Board: Board in college dining halls is charged at the rate of \$250 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: free service in the Sherman M. Perry Infirmary is restricted to a total of two weeks in any college year. Students are charged three dollars per day for infirmary care beyond the two week free period. Infirmary meals are charged at the rate of \$2.50 per day for non-boarding students. There is no additional charge for infirmary meals for students regularly boarding at the college except where special diets are ordered by the college physician.

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 of \$35 for twelve months must be paid in advance of first semester registration. 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 for 1963-64 is \$24 for all students.

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 \$140 per semester course.

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 \$325,000 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 \$600 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 them at 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), Channing Murray Club (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 1963 the well-known Catholic editor, Monsignor Francis J. Lally was the key-note speaker. Discussion groups were led by six ordained ministers, all 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 Averill, Gabrielson and Ingraham—in addition to speakers invited by the Friends of Art at Colby, by student organizations, and by learned societies. The Averill 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 such as the Lovejoy Convocation, honoring a prominent American newspaperman (in 1962 it was Thomas More Storke, editor and publisher of the *Santa Barbara News-Press*); Recognition Assembly; and the Religious Convocation.

Among lecturers in 1962-63 were: Nels F. S. Ferre, Sean O'Faolain, W. Norman Pittenger, Luther Evans, Dorothy Adlow, C. Eric Lincoln, Huston Smith, Neil Leonard, Jr., Kurt Stone, Rex Arragon, Michael Maccoby, Adam Yarmolinsky, Barnaby Keeney, Ernest C. Marriner, Monsignor Francis J. Lally, Sanford Lakoff, Warren Miller, W. B. Gallie, Melvin Steinberg, Gene Bartlett, Pitrim A. Sorokin, Daniel F. Kirk, Robert L. Cope, Lloyd Goodrich, and Robert E. Danielson. At special convocations celebrating the Colby Sesquicentennial speakers were: historian Oscar Handlin, publisher Gerard Piel, Columbia Broadcasting System president Frank Stanton, Secretary of the Interior Stewart Udall and Chief Justice Earl Warren.

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 for satisfactory participation. There are also informal student groups for those interested in lighter vocal music: the Colby Eight for men, the Colby-

ettes for women, and the Colby Folk Song Society. Recitals are occasionally given 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 present an annual series which, in the past year, consisted of the Julliard String Quartet, the Albeneri Trio, and the Boston Woodwind Quintet. 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.

ART

The Bixler Art and Music Center is the focal point for the college's art program. The gallery offers continuous exhibitions featuring selections from the college's permanent collection as well as original and travelling shows. 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 particularly of the nineteenth century.

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 Sesquicenten-

nial. It consisted of an exhibition, *Maine and Its Artists, 1710-1963*, to be 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*, published by the Viking Press; and the establishment at Colby of an Archives of Maine Art.

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 1962-63 Powder and Wig repertoire was *Julius Caesar*, *The Sandbox*, *The Zoo Story*, *Judge*, *The Time of Your Life*, and *The Three Penny Opera*.

SPEECH AND DEBATE

A tradition of public speaking has resulted in the endowment of several contests with sizeable prizes. 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, and *Alice's Adventures in Wonderland* and *Through the Looking Glass* by Lewis Carroll.

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. The 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 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 41), 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 Phi Sigma (physics); and the Forensic Society, John Marshall Society, The Round Table, Society of Social Relations, and the college publications: the weekly newspaper, *The Echo*, and the yearbook, *The Oracle*.

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 published in the *Annual Catalogue*.

Colby College is concerned as much with the social habits and character of its students as with their academic stand-

ing. 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.
 2. Official excuses for absence are granted only by the dean of men or the dean of women. Conditions under which such excuses are issued are listed in the *Student Government Handbook*.
 3. Each instructor explains at the first meeting of every semester what constitutes unsatisfactory attendance in that class.
 4. Any student whose class attendance is unsatisfactory in the judgment of the professor is warned by the dean. Flagrant repetitions may lead to dismissal from the course, without credit.
 5. Any student absent without excuse from the last meeting of any class before a vacation or the first meeting of any class after a vacation is fined \$25 for each class absence.
 6. No student on academic probation may be excused from any class because of extra-curricular 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 the 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 comes into question, 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.

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 attain 155 points or better in 40 courses and who also receive honors on the comprehensive examination; *magna cum laude* to those who attain 145 points or better in 40 courses and who also receive honors on the comprehensive examination; *cum laude* to those who attain 135 points or better in 40 courses, whether or not such students receive honors on the comprehensive examination, or to those who attain 130 points or better in 40 courses and who also receive honors on 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; winners of college prizes; the recipient of the Condon Medal; newly elected members of Blue Key and Cap and Gown, the honor societies for senior men and senior women respectively; and recipients of certificates from Phi Beta Kappa, awarded to members of the three lower classes for distinction in scholarship.

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

Another honor recognizing high academic standing is 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 upper-classmen, fifteen points for freshmen.

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 1962 to PATRICIA DOWNS '62

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 1962 to TAU DELTA PHI

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 1962 to PAULETTE RACHEL FRENCH '63

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 1962 to ROBERT ALLEN REINSTEIN '62

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 largest contribution to the development of college life."

Awarded in 1962 to PATRICIA DOWNS '62

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

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 1962 to SANDRA HAYWARD '64

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."

No awards in 1962

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 1962 to JOYCE ANNE MACDONALD '64

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

Awarded in 1962 to RONALD KEITH RYAN '62

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 1962 to JOHN PAUL KELLETER '64

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 1962 to LAWRENCE DOUGLASS SCHULZE '64

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 1962 to PAULETTE RACHEL FRENCH '63

Student Government Association Scholarship. A scholarship awarded from a fund collected through the Campus Chest and administered by the Student Scholarship Committee.

Awarded in 1962 to GILLIAN LAMB BUTCHMAN '63

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 1962 to BYRON PETRAKIS '63

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 1962 to KAREN CLAIRE BEGANNY '63

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 1962 to MARJORIE DEMOTTE '63

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 1962 to PATRICIA JANE MILLETT '62

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 1962:

Latin: BARBARA ANNE FLEWELLING '64

Greek: GARY BRITTEN MILES '62 and ROBERT ALLEN REINSTEIN '62

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 1962 to LORA CAROL KREEGER '65

Solomon Gallert English Prize. Given by Mrs. Joseph L. B. Mayer in memory of Solomon Gallert, 1888, for excellence in English prose. Not awarded in 1962

Elmira Nelson Jones Essay Prize. Awarded in memory of Elmira Nelson Jones, 1897, for an original essay of merit. Not awarded in 1962

Poetry Prize for the Men's Division. Awarded for an original poem of merit. Awarded in 1962 to GERALD ROY ZIENTARA '64

HISTORY *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 1962 to JANE TUTTLE GERMER '62 and CARL IRVING MEYERHUBER '62

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 1962 to JANICE CLARE GRIFFITH '62

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 1962 to TERRILL SCOTT MILLER '63

MODERN LANGUAGES *French Consulate Prize.* Provided by the French Consulate in Boston for excellence in French. Awarded in 1962 to JANET MARY COLE '62

German Prizes. Awarded for excellence in German. Awarded in 1962 (first, second prizes): women: CYNTHIA JOAN

PETERS '63 and HANNAH HULL SEWALL '64; Men: EDWARD JOSEPH BAKER '64 and STAMATIS TSITSOPOULOS '64

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 1962 to ANN MARIE GLEASON '62 and PETER DIRK LEISER '62

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

Awarded in 1962 to WILLIAM VERNON CHASE '62

Alma Morrisette 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 1962 to CYNTHIA BARBER DUNN '62

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.

Awarded in 1962 to ROBERT GARY DAVIS '62

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

Awarded in 1962 to JON FRANKLIN HALL '63 and HERBERT ALAN WAINER '63

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.

Not awarded in 1962

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 1962 to (1st) STEPHEN SCHOEMAN '64
(2nd) ROBERT MENZIES WHITELAW '63
(3rd) RICHARD ROBERT SCHMALTZ '62

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

Awarded in 1962 to (1st) ANNA KAARIINA OWENS '65
(2nd) CASSANDRA CATHERINE COUSINS '65
(3rd) JONATHAN FREDRIC MOODY '65

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 1962 to (1st) STUART HARVEY RAKOFF '65
(2nd) KENNETH SEARLE ROBBINS '63
(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.

Awarded in 1962: *Prepared speeches:* (1st) not awarded; (2nd) SUSAN MEYER, *Orono High School*; (3rd) SUSAN LYFORD, *Brewer High School*; (4th) IRVIN GORDON, *Marlboro High School, Marlboro, New Hampshire*. *Extemporaneous speeches:* (1st) KEVIN MELLYN, *St. Thomas Aquinas High School, Dover, New Hampshire*; (2nd) PAUL FERRIS, *Waterville High School*; (3rd) IRVIN GORDON, *Marlboro High School, Marlboro, New Hampshire*; (4th) SUSAN MEYER, *Orono High School*.

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 1962 to WILLIAM BEILFELD NEIL, JR. '65 and ROBERT EMERY BAGGS, JR. '65

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

Awarded in 1962 to ANN BLAISDELL TRACY '62

SCIENCES

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

Awarded in 1962 to ARTHUR HENRY SCHWARTZ '65

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

Awarded in 1962 to ERVIN THOMAS BOULETTE '65

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

Awarded in 1962 to DUANE CALVIN RECORD '65

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 1962

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

Awarded in Sociology in 1962 to PAMELA ANN TAYLOR '62

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.

No awards in 1962

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 1962 to MATTHEW PERRY '62

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

Awarded in 1962 to PAUL K. ROGERS '63

Paul F. "Ginger" Fraser Award. Awarded to a non-letter man who has shown the most marked 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 1962 to ROBERT HODGE '65

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 1962 to KENNETH 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 1962 to RONALD K. RYAN '62

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 1962 to WILLIAM WALDEYER '62

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

Awarded in 1962 to WILLIAM WALDEYER '62

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 1962 to HERMON SMITH '63

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 1962 to JOHN MECHEM '64

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 1962 to ANDREW BRIDGEMAN '62

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 on this campus of 930 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.

Administrative 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 art gallery. Leading off the gallery, and out-of-doors, is the *Montague Sculpture Court*. The *John L. Given, Jr. 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. 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 and dining hall and the *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.

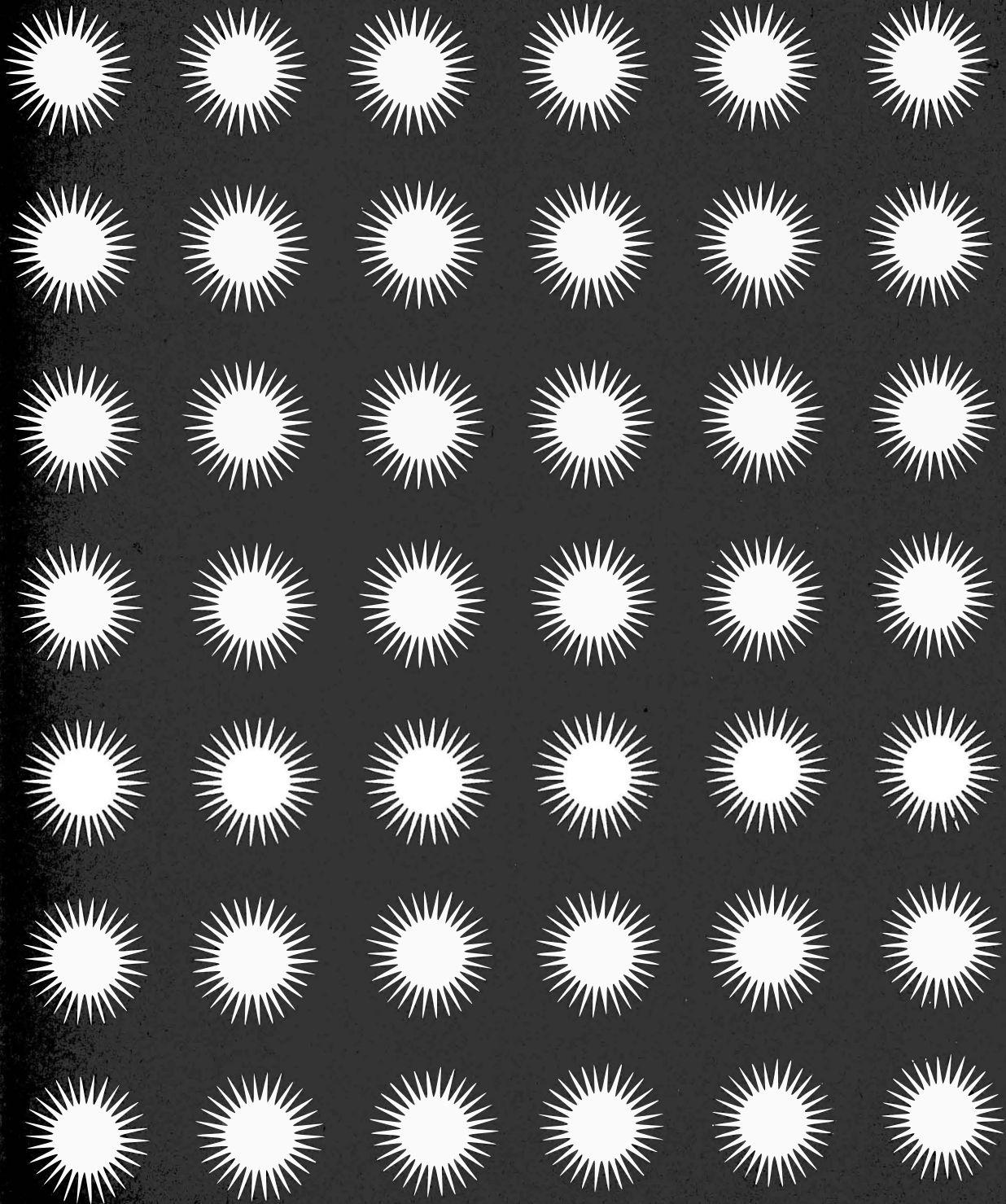
The *President's Home* is the first building the visitor sees as he enters the campus.

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. *Johnson Pond* offers an excellent area for outdoor skating.

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 active faculty for the academic year 1962-63 are listed. The word *Instructor* is used to indicate expected additions to staff in 1963-64.

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 in philosophy.

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,¹ Mrs. Miller,² and Mr. Meader.

Requirements for the major in art

Art 121, 122, 231, 411; at least two semester courses chosen from Art 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

Chairman, PROFESSOR ALLEN

Professor Allen,¹ Dr. Westervelt, Mr. Welch,³ 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 page 61.)

¹ On leave second semester, 1962-63.

² First semester, 1962-63.

³ 1962-63.

ENGLISH

Chairman, PROFESSOR CHAPMAN

Professors Chapman, Strider, Alice Comparetti, Benbow, and Cary; Associate Professors Sutherland, MacKay¹, and Suss; Assistant Professors Iorio, Witham, Yokelson², Curran, Garab, and Kirk; Mr. Wees, Dr. Westervelt, Mr. Mathews, Mr. Fong³, and Instructors

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 61.

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

MODERN FOREIGN LANGUAGES

Chairman, PROFESSOR MCCOY⁴

Professors McCoy and Kellenberger; Associate Professors G. Smith, P. Bither, Biron, Holland, and Schmidt; Assistant Pro-

¹ On leave first semester, 1962-63.

² On leave second semester, 1962-63.

³ 1962-63.

⁴ 1962-63; For the academic year 1963-64 Professor Jean D. Bundy, PH.D. (Washington State College, Wisconsin) has been appointed chairman.

fessors Brady,² Cauz, Kempers and Tatem; Mr. Carroll, Dr. Cox, Mr. Judah and instructors.

Placement test: Every student offering a foreign language for entrance credit must take the placement test in that language if he wishes to continue with it in college. (See page 30 for further details.)

Requirements for the major in French

French 105, 106; 221, 222; 343, 344; 345, 346; 357, 358; a student who has completed German 225, 226 may omit one of these 300-level courses. A student desiring certification for teaching French must also include French 311 and 411.

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.

Requirements for the major in Spanish

Spanish 105, 106; 221, 222; 351, 352; 355, 356; 357, 358; or equivalent; a student who has completed German 225, 226 may omit one of these 300-level courses. A student desiring certification for teaching Spanish must also include 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; Mrs. Dorothy Reuman¹, and Instructor.

Requirements for the major in music

Music 101, 102; Music 121, 122; 211, 212; 305, 306 and either Music 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 are advised to elect both languages.

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

¹ Second semester 1962-63

² On leave, 1962-63

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. Combella).

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 ZUKOWSKI

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

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. If, in lieu of courses in business administration, courses from the approved group are used to satisfy major requirements, these grades must also be included.

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

ECONOMICS

Chairman, PROFESSOR BRECKENRIDGE

Professors Breckinridge and Pullen; Assistant Professor Bober; and instructor.

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 include Economics 331, 336, 341, 342, 371, and 411. If a student intends to be a candidate for the PH.D. degree, he should acquire a reading knowledge of French and German, and a working knowledge of elementary statistics.

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,¹ Perez, and Gillespie, Visiting Associate Professor Hazelton² and Assistant Professor Fozard.

EDUCATION

Education 313, 314 and 413, 414, meet the requirements of the Maine State Department of Education for the two year provisional secondary certificate granted to college graduates who have completed twelve semester hours in education and psychology, of which but six may be in psychology.

These courses also are acceptable in most states toward secondary school certification, and may be considered background for later specialized work in institutions which prepare teachers for elementary schools. The student planning to teach in another state should study carefully the specific requirements of that state.

¹ On leave second semester, 1962-63

² Second semester, 1962-63

Freshmen and sophomores considering teaching as a career should consult the director of the education program.

Special methods courses may be included among those presented for certification. The special methods course now offered is French 413, *Teaching of French and Spanish in the Secondary School*.

The sequence of education courses listed in this catalog provides the minimum requirement for teacher certification in most states.

The student must have, in addition, sound preparation in an academic subject commonly taught in high schools. In view of present-day needs, the prospective teacher should have a *B* or better average in his major field of concentration.

Candidates for positions as directors of physical education in Maine are required to obtain a special certificate. This requirement may be met by completing a year-course in biology or physiology and Physical Education 311, 312.

PSYCHOLOGY

Requirements for the major in psychology

For students entering with the class of 1965 and in subsequent years, requirements for the major in psychology are: Mathematics 112d and 241; Biology 101, 102; Psychology 211, 212, 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. Students who entered with the class of 1964 or earlier are expected to approximate these requirements as nearly as possible; programs satisfactory to the department will be arranged in consultation with individual students.

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 Mavrincac; Associate Professors Gillum, Raymond, and Rothchild;¹ Assistant Professors Berschneider and Bridgman; Mr. Weinbaum, Mr. Tabari,² and instructors.

¹ On leave 1962-63

² 1962-63

The department offers majors in both history and government. Attention is invited to the opportunity for concentrating in American civilization. (See page 65.)

Requirements for the major in history

Social Science 121e, 122, plus eight semester courses in history and two semester courses in government. A student may not count both History 121e, 122 and Social Science 121e, 122 toward this requirement.

As of the class of 1963, 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. Members of the class of 1963 and earlier classes are exempt from the Social Science 121e, 122 requirement. 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,¹ Todrank,² Visiting Lecturer Haldar,³ Mr. Hudson, Mr. Bachrach and instructor.

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 65 and 62.)

Recommended to the general student 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.

¹ On leave first semester, 1962-63

² On leave second semester, 1962-63

³ 1962-63

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.¹

The 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 Davis and Easton.

The 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. Students preparing for graduate study in the biological sciences, including biology majors who plan to enter dental, medical or veterinary schools, must take physics and organic

¹ On leave, 1962-63.

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 Machemer¹; Visiting Associate Professor Richey²; Assistant Professor Chipman. The chemistry department is accredited by the American Chemical Society for training on the undergraduate level. The courses offered in the professional major furnish the maximum depth consistent with adequate breadth in the field of chemistry, providing preparation either for university postgraduate work or for a responsible position in chemical industry.

Requirements for the professional 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.

¹ On leave, 1962-63.

² 1962-63.

Requirements for the non-professional 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 70).

GEOLOGY

Chairman, PROFESSOR KOONS

Professor Koons; Associate Professor Hickox; Mrs. Austin,¹ and Instructor.

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 70.

MATHEMATICS

Chairman, PROFESSOR COMBELLACK

Professor Combellack; Associate Professor Lucille Zukowski; Assistant Professors Junghans and Wheeler; Mr. Hayslett, and Instructor.

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 65).

¹ 1962-63

PHYSICS AND ASTRONOMY

Chairman, PROFESSOR BANCROFT

Professor Bancroft, Associate Professor Fairley, and Assistant Professor Beatty.

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 401, 402.

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 of one of these plus French.

Division of Air Science

Chairman, PROFESSOR STARKER

Professor Starker (Major); 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.

Full academic credit is given for each AFROTC course. Air Science 121 and 222 may be taken in fulfillment of area requirements (see page 17). 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 field 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 field 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, PROFESSOR LOEBS

Professor Loeb, Associate Professors Marchant, L. Williams, and Winkin; Assistant Professors Marjorie Bither, Gulick, Holt, and Simpson; Mr. Weinbel, and instructors; Dr. Dore; Mrs. Fortune, R. N., and Mr. Nelson.

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 seasonal sports during the year, is required of all freshmen.

Physical Education 3, 4, instruction and supervised competition in seasonal sports during the year, 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, 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.

PHYSICAL EDUCATION
FOR WOMEN

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

In addition to class instruction, the department cooperates with the Women's Athletic Association in carrying on tournaments throughout the year. The Dance Club provides an opportunity for those interested in dance. Swimming instruction is given at the Boys Club pool as well as a Red Cross Water Safety Instructors' course. There is skiing instruction for beginners on the campus and many use the Sugarloaf and Farmington ski areas. Women's skating classes have instruction in basic figures and dancing in the Alford Arena.

Juniors and seniors may participate in physical education activities for credit in the 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 60 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.

Intercollegiate athletic contests are under the supervision of the director of intercollegiate athletics. Advisory control is exercised by the Committee on Athletics composed of members of the faculty. 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.

HEALTH SERVICE

Before matriculation, each student must present a satisfactory health certificate, signed by a physician, including evidence of tetanus toxoid immunization and chest x-rays. It is recommended that polio immunization be completed prior to entrance.

All students are required to supplement the college health service program with students' accident and sickness insurance, details of which are provided prior to the opening of the fall semester.

The 32-bed Sherman M. Perry Infirmary in Roberts Union is maintained under direction of the college physician and staffed by registered nurses. Surgeons and other specialists are available at nearby Thayer Hospital.

Students are entitled, without extra charge, to an unlimited number of visits to daily sick call at the dispensary and, for two weeks in every college year, to use of the Perry Infirmary. For those boarding on campus there is no additional meal expense during confinement except when special diets are required.

The college limits its responsibility to illnesses 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.

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 conferences, such 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 three stations which reach into Maine, Vermont, New Hampshire, New York and Canada.

Information as to any of these activities may be obtained by writing to Professor William A. Macomber, director.

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, Professor John F. McCoy.

Courses of Study

KEY TO SYMBOLS AND METHOD OF COURSE DESIGNATION

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 1963-64.

* An asterisk indicates that the course will probably not be offered in 1964-65.

† A dagger indicates that the course will probably be offered in 1964-65.

A schedule of hours and rooms for courses listed in this catalog is available at the recorder'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 traditions 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 courtesy, and basic drill.

221, 222
AIR SCIENCE II

Air Science 221, *Fundamentals of Aerospace Weapons Systems*, is an introductory survey of aerospace missiles and craft, their propulsion and guidance systems; target intelligence; electronic warfare; nuclear, chemical and biological warheads; defensive,

strategic and tactical operations; military implications of space operations; and a survey of contemporary military thought.

Air Science 222 is Philosophy 212, *Critical Thinking*.

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

321, 322
AIR SCIENCE III

Air Science 321 is English 131d1, *General Speech*.

An additional period each week is devoted to the topic, *The Air Force Staff Officer*.

Air Science 322 is Psychology 212, *Psychology of Personality*. An additional period each week is devoted to the topic of military justice.

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

<p>121, 122 INTRODUCTION TO ART STAFF</p>	<p>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.</p>
<p>231 INTRODUCTION TO DESIGN MR. MEADER</p>	<p>Principles of visual design will be presented, discussed and put to work in basic visual problems. Limited to 40 students. Prerequisite: General aptitude and interest. A background in drawing is not necessary.</p>
<p>232 INTRODUCTION TO DRAWING AND PAINTING MR. MEADER</p>	<p>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. Prerequisite: Art 231 or permission of the instructor. Prior drawing experience is helpful.</p>
<p>252 ARCHITECTURE MR. MILLER</p>	<p>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.</p>
<p>271 AMERICAN ART MR. MILLER</p>	<p>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.</p>
<p>*311 ART OF THE RENAISSANCE IN NORTHERN EUROPE MR. CARPENTER</p>	<p>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.</p>
<p>†[312] ART OF THE RENAISSANCE IN ITALY</p>	<p>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.</p>

*314
VENETIAN AND BAROQUE ART
MR. MILLER

The art of the sixteenth to eighteenth centuries, with emphasis on the major painters.
Prerequisite: Art 121, 122 or permission of the instructor.

318
MODERN ART
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.

321, 322
ADVANCED DRAWING AND AN
INTRODUCTION TO OIL PAINTING
MR. MEADER

This course will explore graphic media and oils as vehicles for fully formed original expressions.
Prerequisite: Art 231, 232 and special permission.

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.

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.

<p>212 CELESTIAL MECHANICS AND NAVIGATION MR. FAIRLEY</p>	<p>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.</p> <p>Prerequisites: Astronomy 102 or 104 and Mathematics 112d or equivalent.</p>
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Biology

<p>101, 102 GENERAL BIOLOGY STAFF</p>	<p>An introduction to the science of biology.</p>
<p>†[221, 222] BOTANY</p>	<p>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.</p> <p>Prerequisite: Biology 101, 102.</p>
<p>231 EMBRYOLOGY MR. SCOTT</p>	<p>A study of animal development with emphasis on the vertebrates. Laboratory study involves the frog, the chick, and the pig.</p> <p>Prerequisite: Biology 101, 102.</p>
<p>232 COMPARATIVE ANATOMY OF THE VERTEBRATES MR. EASTON</p>	<p>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.</p> <p>Prerequisite: Biology 101, 102.</p>
<p>*252 INVERTEBRATE ZOOLOGY MR. DAVIS</p>	<p>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.</p> <p>Prerequisite: Biology 101, 102.</p>

57 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.
58 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.
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.
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.
*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 recommended also.
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

221e, 222 PRINCIPLES OF ACCOUNTING MRS. FISHER	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.
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<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. Prerequisites: 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. Prerequisite: 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. Prerequisite: 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. Prerequisites: 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>
<p>412 INVESTMENTS MR. WILLIAMS</p>	<p>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.</p>

413 ORGANIZATIONAL BEHAVIOR INSTRUCTOR	An examination of the existing empirical data and theoretical concepts dealing with the behavior of people in the business organization.
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 65.)

Chemistry

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.
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.
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 work emphasis is on quantitative physico-chemical experiments. Offered on demand by three or more students. This course 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. Special emphasis is given to the application of physical chemical principles to the solution of problems.

This course may not be offered for credit in addition to Chemistry 312.

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

<p>421, 422 ADVANCED ANALYTICAL CHEMISTRY¹ MR. MACHEMER</p>	<p>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.</p>
<p>441, 442 ADVANCED PHYSICAL CHEMISTRY¹ MR. RAY</p>	<p>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.</p>
<p>461, 462 ADVANCED ORGANIC CHEMISTRY¹ MR. REID</p>	<p>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.</p>
<p>467, 468 GENERAL BIOCHEMISTRY MR. CHIPMAN</p>	<p>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.</p>
<p>481, 482 ADVANCED INORGANIC CHEMISTRY¹ MR. MACHEMER</p>	<p>Modern theories and concepts of atomic and molecular structure, with appropriate descriptive and synthetic laboratory work.</p>

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
STAFF

Reading of major works of Greek and Roman epic poetry in translation, with particular attention to Homer's *Iliad*, Vergil's *Aeneid*, and Ovid's *Metamorphoses*. Study of the poems is accompanied by a general introduction to classical thought and mythology.

CLASSICS 232
CLASSICAL DRAMA
STAFF

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.

<p>331 INTERMEDIATE ECONOMIC THEORY MR. BOBER</p>	<p>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.</p>
<p>[333] ECONOMIC DEVELOPMENT</p>	<p>The underdeveloped areas and their drive toward economic betterment. An analysis of the techniques involved and the problems to be encountered in the growth process. Prerequisite: Economics 241, 242.</p>
<p>†[336] MODERN THEORY OF INCOME DETERMINATION</p>	<p>A study of aggregate economic analysis, with emphasis upon the Keynesian theory of the determination of income and employment. Recent post-Keynesian developments are examined. Historical development of the theory and policies associated with it are studied and analyzed critically. Prerequisite: Economics 241, 242.</p>
<p>338 BUSINESS FLUCTUATIONS MR. BOBER</p>	<p>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.</p>
<p>341, 342 MONEY AND BANKING MR. PULLEN</p>	<p>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. Prerequisite: Economics 241, 242. Course 341 is prerequisite for 342.</p>
<p>352 TAXATION AND FISCAL POLICY MR. BRECKENRIDGE</p>	<p>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. Prerequisite: Economics 241, 242.</p>
<p>361, 362 LABOR ECONOMICS MR. PULLEN</p>	<p>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. Prerequisite: Economics 241, 242. Course 361 is prerequisite for 362.</p>

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 will be made.

Prerequisite: 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.

Prerequisite: Economics 241, 242. Course 381 is prerequisite for 382.

392
COMPARATIVE ECONOMIC
SYSTEMS
INSTRUCTOR

An analysis of the basic types of economic systems, with special attention paid to the problems of economic planning and economic development.

Prerequisite: Economics 241, 242.

411
SEMINAR IN ECONOMICS
MR. BOBER

The topic to be analysed will be determined at the first meeting of the seminar. Emphasis is placed upon development of the student's knowledge of the methodology of the discipline and his acquisition of necessary research skills.

Prerequisite: Economics 241, 242; at least two additional semester courses in economics; and permission of the instructor.

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.

Prerequisite: Education 313.

<p>413 HUMAN GROWTH AND DEVELOPMENT MR. SMITH</p>	<p>A course in developmental psychology from the pre-natal stages through the adolescent period. Prerequisite: Education 314 or equivalent.</p>
<p>414 EDUCATIONAL PSYCHOLOGY MR. SMITH</p>	<p>The learner, the learning situation and the learning process are the three major topics to be discussed in this course. Prerequisite: Education 413.</p>
<p>431 EDUCATION PRACTICUM MR. SMITH</p>	<p>This course carries six semester hours of college credit, the equivalent of two semester courses. Class discussions include: methods in classroom management, problems of the beginning teacher, preparation and presentation of subject material, testing and evaluation, and the professional responsibilities of the teacher. Observation of classes in local schools is required prior to student teaching during January. Prerequisite: Education 413, taken concurrently, and an average of B or better in student's major.</p>
<p>451 SEMINAR IN EDUCATION MR. SMITH</p>	<p>Independent study of a special problem in the field of education. Readings, field study, reports and final paper. Prerequisite: an average of B or better in the student's major and permission of the instructor.</p>

English

<p>121e, 122 ENGLISH COMPOSITION MR. MACKAY AND STAFF</p>	<p>Training in clear, accurate, and intelligent use of the English language. Required of all freshmen.</p>
<p>131d GENERAL SPEECH MR. WITHAM AND STAFF</p>	<p>A general course in the fundamental principles of the composition and oral delivery of speeches.</p>
<p>152 ADVANCED SPEECH INSTRUCTOR</p>	<p>A study of the work of significant figures in rhetorical theory and oratory. Rhetorical problems of composition will be emphasized.</p>

<p>21e, 222 INTRODUCTION TO LITERATURE IN ENGLISH MRS. COMPARETTI AND STAFF</p>	<p>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.</p>
<p>53 ARGUMENTATION AND DEBATE INSTRUCTOR</p>	<p>A study of the principles of argumentation with application in extended persuasive speeches and formal debate. Prerequisite: English 131 or permission of the instructor.</p>
<p>54 ORAL INTERPRETATION INSTRUCTOR</p>	<p>Principles of selection, analysis, and preparation of poetry, prose, and drama for oral presentation before an audience. Prerequisite: English 221.</p>
<p>281, 282 DEVELOPMENT OF THE THEATRE MR. WITHAM</p>	<p>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.</p>
<p>311 ANGLO-SAXON LITERATURE; MEDIEVAL LITERATURE I MR. MACKAY</p>	<p>English Literature from the beginning to 1400. The first half considers <i>Beowulf</i>, selected Anglo-Saxon lyrics, Round Table material, early ballads, and selections from <i>Piers Plowman</i>. The latter half is devoted to Chaucer's <i>Canterbury Tales</i>. Prerequisite: English 221, 222.</p>
<p>*312 MEDIEVAL LITERATURE II MR. MACKAY</p>	<p>An intensive study of <i>Troilus and Criseyde</i> and the <i>Book of the Duchess</i>, and selections from the <i>Parliament of Fowls</i>, <i>House of Fame</i>, and <i>Boece</i>. Prerequisite: English 311, or permission of the instructor.</p>
<p>†[314] THE EARLIER RENAISSANCE</p>	<p>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.</p>
<p>†[315] TUDOR DRAMA</p>	<p>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.</p>

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- 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.
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- 318
POETRY OF THE LATER
RENAISSANCE
MR. BENBOW
- An intensive study of selected poets including Shakespeare, Donne, Jonson, Herbert, and Marvell.
Prerequisite: English 221, 222.
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- *319
JACOBEAN DRAMA
MR. BENBOW
- 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.
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- 332
MILTON
MRS. COMPARETTI
- A study of Milton's poetry and prose.
Prerequisite: English 221, 222.
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- *334
RESTORATION LITERATURE
MR. SUTHERLAND
- 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.
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- 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
- 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.
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- 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.

52
BYRON, SHELLEY, AND KEATS
 R. CHAPMAN

A study of the development and chief works of Byron, Shelley, and Keats.
 Prerequisite: English 221, 222.

53
**VICTORIAN LITERATURE:
 LITERATURE AND BELIEF**
 MISS CURRAN

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.

54
**VICTORIAN LITERATURE:
 THE COMIC SPIRIT**
 MISS CURRAN

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.

†361, 362
**EARLY TWENTIETH CENTURY
 POETRY AND FICTION**
 MR. YOKELSON

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 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**

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, Mailer, 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.)

†[365, 366]
MODERN DRAMA

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.

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- 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.
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- 371
EARLY AMERICAN AUTHORS
MR. YOKELSON
- Selected prose and poetry from the Puritan period, the Age of Reason, and the pre-romantic movement in American Literature.
Prerequisite: English 221, 222.
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- 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.
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- 373
THE ENGLISH NOVEL I
MR. SUTHERLAND
- 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.
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- 374
THE ENGLISH NOVEL II
MR. SUTHERLAND
- A study of selected major novels by Dickens, Meredith, Conrad, Joyce, Huxley, and other writers of the period from the mid-nineteenth century to the present. Designed especially for non-majors.
Prerequisite: English 221, 222.
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- †[376]
HISTORY OF THE ENGLISH
LANGUAGE
- 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.
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- 378
EXPOSITORY WRITING
MR. MACKAY
- A course designed to help the student in any major field to become more proficient in the kind of writing demanded in business and professional life.
Prerequisite: English 121.

381, 382
WRITERS' WORKSHOP
INSTRUCTOR

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

Practice in the writing of poetry. Study of some modern poets and aspects of the art of poetry. Major emphasis on student manuscripts.

413d2
PRINCIPLES OF LITERARY
CRITICISM
MRS. COMPARETTI

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

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
MR. JUDAH

Introduction to the language. Modified audio-lingual approach. Conversation, grammar, composition, vocabulary building, reading. Hearing and practicing materials recorded on tapes. One hour per week of conversational laboratory.

103, 104
INTERMEDIATE FRENCH
MR. KELLENBERGER AND STAFF

Reading in modern prose and poetry. A review, with written exercises, of the fundamentals of grammar and syntax. Conversation. Study of vocabulary and idioms. *Special sections:* Hearing and practicing materials recorded on master tapes. One hour per week of conversational laboratory.

Prerequisite: French 101, 102 or two years of high school French.

105, 106
INTRODUCTION TO FRENCH
LITERATURE
MR. BIRON AND STAFF

Masterpieces of French literature from the Middle Ages through the contemporary period. Development of critical and analytical ability. Class discussion, translation, composition, collateral reading. Hearing and practicing materials recorded on master tape. One hour per week of conversational laboratory. Conducted chiefly in French.

Prerequisite: French 103, 104 or three years of high school French.

221, 222
GREAT WRITERS OF THE
SEVENTEENTH CENTURY
MR. SMITH AND STAFF

A study of principal authors of the period, with particular emphasis on Descartes, Corneille, Molière, Pascal, La Fontaine, and Racine. Collateral reading on the social and historical background. Conducted chiefly in French.

Prerequisite: French 105, 106 or special permission.

223, 224
CONVERSATIONAL FRENCH
MR. BIRON

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. Not open to French majors. Conducted in French.

Prerequisite: French 105, 106.

311
SPOKEN AND WRITTEN FRENCH
MR. BIRON

Reading, writing, and reciting French, with a view to developing fluency in expression. Phonetic training directed toward a correct accent. Intended primarily for advanced students and prospective teachers. Conducted in French.

Prerequisite: French 221, 222 or 223, 224.

-
- 33, 344
 FRENCH LITERATURE OF THE
 EIGHTEENTH CENTURY
 DR. KELLENBERGER
- A study of the philosophical movement in France, with particular attention to the thought of Montesquieu, Voltaire, Diderot, and Rousseau. Literary history of the age with readings from the most important works in the field of belles-lettres. Conducted chiefly in French.
 Prerequisite: French 221, 222.
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- 45, 346
 FRENCH LITERATURE OF THE
 NINETEENTH CENTURY
 DR. COX
- A study of the various literary movements and the major works of the leading poets, novelists, and dramatists of the nineteenth century. Conducted chiefly in French.
 Prerequisite: French 221, 222.
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- [355]
 THE FRENCH REALISTIC NOVEL
 OF THE NINETEENTH CENTURY
- Study of the form and development of the realistic novel in France through the reading of representative novels of Balzac, Flaubert, and Zola. Particular attention given to the "comédie humaine" of Balzac. Conducted chiefly in French.
 Prerequisite: French 105, 106.
-
- 357
 THE CONTEMPORARY FRENCH
 THEATER
 MR. SMITH
- The development of French drama from the Théâtre 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 221, 222.
-
- 358
 THE CONTEMPORARY FRENCH
 NOVEL
 INSTRUCTOR
- The French novel from 1900 to the present day, with special emphasis on Gide, Proust, Mauriac, Saint-Exupéry, and Camus. Conducted chiefly in French.
 Prerequisite: French 221, 222.
-
- 411
 TEACHING OF FRENCH AND
 SPANISH IN THE SECONDARY
 SCHOOL
 MR. BIRON
- 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 Professional Secondary Certificate. Conducted in English.
 Prerequisite: French 221, 222 or Spanish 221, 222.

454

DIDEROT

MR. KELLENBERGER

The works of Diderot and his contributions to the thought of the eighteenth century. Particular emphasis on his literary and aesthetic ideas. Course conducted in seminar style with oral and written reports. Conducted chiefly in French.

Prerequisite: French 221, 222.

461, 462

FRENCH SEMINAR

STAFF

Individual work for advanced students. Assigned readings, investigation of special subjects, written and oral reports, examinations.

Prerequisite: French 343, 344 or 345, 346 or 357, 358.

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.

†[112]

METEOROLOGY

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.

211

SEDIMENTATION AND
SEDIMENTARY ROCKS

INSTRUCTOR

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.

*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.

<p>11, 242 GEOLOGIC STRUCTURES AND FIELD METHODS R. KOONS</p>	<p>Analysis of rock structures and their significance, with a study of techniques of field mapping. Prerequisite: Geology 102.</p>
<p>51 PALEONTOLOGY INSTRUCTOR</p>	<p>Systematic study of fossils; evolution; the use of fossils in geologic correlations. Prerequisite: Geology 102 or Biology 102.</p>
<p>271 GLACIAL GEOLOGY MR. HICKOX</p>	<p>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.</p>
<p>311 OPTICAL MINERALOGY MR. HICKOX</p>	<p>Study of the optical properties of crystals; technique in the determination of minerals using the petrographic microscope. Prerequisite: Geology 212.</p>
<p>312 PETROLOGY OF THE IGNEOUS AND METAMORPHIC ROCKS MR. HICKOX</p>	<p>Optical study of the igneous and metamorphic rocks, and their origin, structure, and composition. Prerequisite: Geology 311.</p>
<p>†[313] ECONOMIC GEOLOGY</p>	<p>Study of formation, classification, and distribution of metallic and nonmetallic mineral deposits, petroleum, and coal. Prerequisite: Geology 212.</p>
<p>*314 PETROLEUM GEOLOGY INSTRUCTOR</p>	<p>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.</p>
<p>†[316] PHYSICS OF THE EARTH</p>	<p>Rigorous study of physical processes operating in the earth's interior, at the surface, and in the atmosphere. Prerequisite: Geology 242.</p>
<p>352 STRATIGRAPHY INSTRUCTOR</p>	<p>Study of the history of sedimentary rocks and the development of the North American continent; index fossils and their significance. Prerequisite: Geology 211, 251.</p>

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. Modified audio-lingual approach. Conversation, grammar, composition, vocabulary building, reading. Hearing and practicing materials recorded on master tapes. One hour per week of conversational laboratory.

103, 104
INTERMEDIATE GERMAN
MR. BITHER AND STAFF

Intensive and extensive reading of modern prose and poetry. A review, with written exercises, of the fundamentals of grammar and syntax. Conversation. Study of vocabulary and idioms. *Special sections.*

Prerequisite: German 101, 102 or two years of high school German.

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.

212
GERMANIC LITERATURES
STAFF

Reading and interpretation of certain masterpieces of Lessing, Goethe, and Schiller. Special attention to Goethe's *Faust*. Also independent study of some more recent German and Scandinavian writers, culminating in written semester reports. Readings in English translation; no knowledge of the foreign 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.

[343, 344]
 GERMAN LITERATURE OF THE
 EIGHTEENTH CENTURY

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.

45, 346
 GERMAN LITERATURE OF THE
 NINETEENTH CENTURY.
 MR. TATEM

Characteristic works of representative men, including Novalis, Tieck, Schlegel Brothers, Eichendorff, Rückert, Körner, 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
 MR. SCHMIDT

A 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. Jünger, 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.

461, 462
 GERMAN SEMINAR
 STAFF

Work of a more individual and original nature for advanced students. Assigned readings, investigation of special subjects, written and oral reports, examinations.

Prerequisite: German 343, 344 or 345, 346 or 347, 348.

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 126 for description.)

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- 233
EUROPEAN CONSTITUTIONAL
GOVERNMENTS
INSTRUCTOR
- 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.
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- 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.
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- 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.
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- †[333]
TOTALITARIAN GOVERNMENT
AND POLITICS
- 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
INSTRUCTOR
- 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.

<p>36 INTERNATIONAL ORGANIZATION INSTRUCTOR</p>	<p>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.</p> <p>Prerequisite: a previous course in government, or special permission of the instructor. Government 335 is a prerequisite to Government 336.</p>
<p>[354] GOVERNMENTS OF MODERN AFRICA</p>	<p>An analysis of political systems in Africa south of the Sahara Desert.</p> <p>Prerequisite: one year-course, or equivalent, in history or government, or special permission of the instructor.</p>
<p>*355 POLITICAL PARTIES INSTRUCTOR</p>	<p>A study of American political parties, with emphasis on campaigns and elections.</p> <p>Prerequisite: one year-course or equivalent, in history or government, or special permission of the instructor.</p>
<p>†[357] POLITICAL BEHAVIOR</p>	<p>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.</p> <p>Prerequisite: Government 234 or Sociology 221e, 222.</p>
<p>[371] PUBLIC ADMINISTRATION</p>	<p>An introduction to the operational side of government with special attention to the American national government.</p> <p>Prerequisite: Government 234, or special permission.</p>
<p>†[375] MODERN POLITICAL THEORY</p>	<p>A consideration of the principal streams of political theory in the Western world since Rousseau, with particular attention to the adaptation of traditional liberal-constitutional theory to modern conditions and to challenges from anti-democratic theories.</p> <p>Prerequisite: one year-course or equivalent in history or government, or Social Science 121e, 122.</p>
<p>[376] STATE AND LOCAL GOVERNMENT</p>	<p>An examination of the structure, development and current problems of American state and local government.</p> <p>Prerequisite: Government 234 or special permission of the instructor.</p>

<p>*377 SPECIAL PROBLEMS IN LOCAL GOVERNMENT MR. MAVRINAC</p>	<p>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.</p> <p>Prerequisite: one year-course, or equivalent, in government, or special permission.</p>
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<p>392 THE LEGAL PROCESS MR. MAVRINAC</p>	<p>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.</p> <p>Prerequisite: permission of the instructor.</p>
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<p>411d TOPICS IN GOVERNMENT STAFF</p>	<p>A study of government through special topics.</p> <p>Prerequisite: Government major and special permission of the department chairman.</p>
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<p>[413] SEMINAR IN COMPARATIVE GOVERNMENT</p>	<p>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.</p> <p>Prerequisite: permission of the instructor.</p>
<hr/>	
<p>435 SEMINAR IN AMERICAN NATIONAL GOVERNMENT AND POLITICS INSTRUCTOR</p>	<p>A consideration of the American national government as organization and process, and of the elements of national political life.</p> <p>Prerequisite: Government 234 or special permission.</p>
<hr/>	
<p>458 FOREIGN POLICY OF THE UNITED STATES INSTRUCTOR</p>	<p>A seminar in the problems of planning and executing American foreign policy.</p> <p>Prerequisite: Government 234, or equivalent; or Government 335, or equivalent; or special permission.</p>

Greek

IN THE DEPARTMENT OF CLASSICS

01, 102
ELEMENTARY GREEK
DR. WESTERVELT

Introduction to the language.

21, 122
INTERMEDIATE GREEK
INSTRUCTOR

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

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 127 for description.)

221e, 222

**HISTORY OF MODERN EUROPE:
THE AGE OF REASON
TO THE FIRST
WORLD WAR**
MR. BERSCHNEIDER

An analysis of the major historical developments from the 17th century to the outbreak of the Bolshevik Revolution. Although chronological symmetry is maintained, special emphasis is given to the role of ideas as background for the ideological and political problems of today.

The course is open for credit only to non-majors in history and government.

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.

<p>53 SOCIAL AND CULTURAL HISTORY OF ENGLAND MR. GILLUM</p>	<p>English history, with particular attention to the social and cultural backgrounds of English intellectual and literary achievements.</p> <p>This course cannot be counted toward fulfillment of the major requirement in history of government.</p>
<p>61e, 262 HISTORY OF THE ANCIENT WORLD INSTRUCTOR</p>	<p>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.</p> <p>Prerequisite: none; open to freshmen with the permission of the instructor.</p>
<p>281e, 282 HISTORY OF THE UNITED STATES, 1492 TO THE PRESENT MR. BRIDGMAN</p>	<p>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.</p>
<p>†[323, 324] DIPLOMATIC HISTORY, 19TH AND 20TH CENTURIES</p>	<p>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 <i>old diplomacy</i>. The second semester emphasizes the <i>new diplomacy</i>, the waning of European hegemony and the growth of regional and world organizations.</p> <p>Prerequisite: a one-year course, or equivalent, in history or government, or special permission of the instructor.</p>
<p>†[334] MEDIEVAL ENGLAND: THE ORIGINS OF THE COMMON LAW</p>	<p>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.</p>
<p>336 TUDOR-STUART ENGLAND MR. GILLUM</p>	<p>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.</p>

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- 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.
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- *353
CONTEMPORARY EUROPE,
1914 TO THE PRESENT
MR. BERSCHNEIDER
- 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
MR. BERSCHNEIDER
- A study of the principal trends and leaders of new thought (Darwin, Marx, Freud *et al.*) with emphasis on late-nineteenth and twentieth century intellectual developments.
Prerequisite: History 221e, 222 or Social Science 121e, 122, or special permission.
-
- 356
MODERN FRANCE
AND ITALY
MR. BERSCHNEIDER
- Emphasis will be placed on the theme of Liberalism and the challenges of Fascism and Communism from 1848 to the present.
Prerequisite: one year-course, or equivalent in history, or permission of the instructor.
-
- 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.
Prerequisite: 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.
Prerequisite: 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.

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- †391
THE WESTWARD MOVEMENT
1763-1896
MR. BRIDGMAN
- The West from the close of the French and Indian War to the defeat of Bryan in 1896. Emphasis is placed on the West as a laboratory for political and economic experimentation.
Prerequisite: History 281e, 282, or special permission.
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- †[392]
CONTEMPORARY AMERICA
- The political history of the United States from 1929 to the present.
Prerequisite: History 281e, 282, or special permission.
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- †[393]
THE SOUTH IN UNITED STATES
HISTORY, 1819-1896
- Selected topics in the history of the South and its peculiar institutions, during a period of incomplete transition from agrarianism to industrialism.
Prerequisite: History 281e, 282, or special permission.
-
- *394
SOCIAL AND CULTURAL HISTORY
OF THE UNITED STATES,
1900-1929
MR. BRIDGMAN
- Selected topics illustrating the changing social organization and cultural assumptions of twentieth century Americans.
Prerequisite: History 281e, 282 or special permission.
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- †[395]
COLONIAL AMERICA
- Selected topics in early colonial American history.
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.

Prerequisite: a previous course in English history or permission of the instructor.

Humanities

DIVISIONAL COURSES

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

Designed to stimulate creative thought through exploration of problems developed by the class. Students proceed through five units, each in a different area (science, the arts, philosophy, etc.) and directed by a member of the faculty concerned. Students are encouraged to develop hypotheses rather than to seek the opinion of authority. Limited enrollment.

Italian

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

211
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 of the fourteenth and fifteenth centuries. The *Decamerone* of Boccaccio, the *Rime* of Petrarca, the *Orlando Furioso* of Ariosto, the *Principe* of Machiavelli, the *Cortegiano* of Castiglione. Lectures, reports, and discussions. Readings in English translation; no knowledge of the Italian language 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 mark 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 30.

121, 122
INTERMEDIATE LATIN
MR. WESTERVELT

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 (FORMERLY 123)
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 (FORMERLY 124)
CALCULUS I
STAFF

A continuation of Mathematics 111 and an introduction to elementary differential and integral calculus.

Prerequisite: Mathematics 111 or satisfactory achievement in the mathematics placement examination (see page 31).

211d (FORMERLY 221)
CALCULUS II
MRS. ZUKOWSKI AND
INSTRUCTOR

Further study of differential and integral calculus, with selected applications.

Prerequisite: Mathematics 112d.

12d (FORMERLY 222) CALCULUS III MRS. ZUKOWSKI AND INSTRUCTOR	A continuation of Mathematics 211d. Prerequisite: Mathematics 211d.
41, 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 MRS. ZUKOWSKI	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 (FORMERLY 321) DIFFERENTIAL EQUATIONS MR. JUNGHANS	Solutions of elementary differential equations and an introduction to partial differential equations. Prerequisite: Mathematics 212d.
312 (FORMERLY 322) INTRODUCTORY APPLIED MATHEMATICS MR. JUNGHANS	Selected topics in applied mathematics, including vector analysis, Bessel functions, Fourier series, and solutions of differential equations by means of infinite series. Prerequisite: Mathematics 311d.
361, 362 HIGHER ALGEBRA MRS. ZUKOWSKI	Vector spaces, linear transformations, and matrices, with their applications in modern abstract algebra. Prerequisite: Mathematics 212d.
†[381, 382] INTRODUCTION TO MATHEMATICAL STATISTICS	Elementary probability theory; large-sample theory; small-sample theory; maximum likelihood estimates; confidence intervals; regression; correlation; statistical design. Prerequisite: Mathematics 212d.
421, 422 ADVANCED CALCULUS MR. COMBELLACK	More advanced topics of calculus, including detailed study of continuity and related topics, maxima and minima in three and higher dimensions, Jacobians, curvilinear coordinates,

special definite and improper integrals, beta function, **gamma** function, complex variable.

Prerequisite: Mathematics 311d.

423, 424 (FORMERLY 341, 342)
HIGHER GEOMETRY
INSTRUCTOR

A study of various geometries, with emphasis on algebraic methods.

Prerequisite: Mathematics 361, 362.

441, 442
SPECIAL TOPICS
STAFF

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.

Prerequisite: Mathematics 311d and special permission.

Music

101, 102
BAROQUE, CLASSICAL AND
ROMANTIC MUSIC
STAFF

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.

115
MIEVIAL 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.

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.

Prerequisite: permission of the department.

211
HARMONY
MR. RE

Harmonization of given and original melodies; analysis of compositions selected from major composers.

Prerequisite: Music 121, 122.

212
ADVANCED HARMONY
MR. RE

Continuation of 211 with special emphasis on keyboard harmony.

Prerequisite: Music 211.

216
COUNTERPOINT
MR. RE

A course dealing with the principles of melodic combinations. Illustrations from major works of contrapuntal art.
Prerequisite: Music 211.

*301, 302
THE VIENNESE CLASSICISTS
MR. COMPARETTI

Emphasis on the instrumental works of Haydn, Mozart, Beethoven and Schubert. Study of form, reading of scores, harmonic analyses and some conducting techniques.
Prerequisite: Music 101, 102.

†[305, 306]
OPERA AND ORATORIO

The history and development of opera and oratorio. Detailed study of famous representative works and techniques.
Prerequisite: Music 101, 102.

312d1
CONTEMPORARY MUSIC
MR. RE

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.
Prerequisite: 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 practice 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 Mr. Max Cimbollek, Mrs. William Fiedler or Mrs. Robert Reuman, in piano to Mr. Peter Re and in organ to Mr. John E. Fay.

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

<p>112 INTRODUCTION TO WESTERN PHILOSOPHY MR. CLARK AND STAFF</p>	<p>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, <i>Introduction to Western Religion</i>.</p>
<p>211 MORAL PHILOSOPHY MR. CLARK AND STAFF</p>	<p>(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.</p>
<p>212 LOGIC STAFF</p>	<p>Basic principles of logic, deductive and inductive, with problems of application in many fields of thought.</p>
<p>255 INDIAN THOUGHT III INSTRUCTOR</p>	<p>Main trends in Indian philosophical and religious thought, art and literature, seen against a background of their early social and historical origins.</p>
<p>256 INDIAN THOUGHT IV INSTRUCTOR</p>	<p>Contemporary Indian culture, with an emphasis on the study of present or recent leaders of Indian thought. Prerequisite: permission of the instructor.</p>
<p>312 SOCIAL PHILOSOPHY MR. REUMAN</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. Prerequisite: Social Science 121, 122, or consent of the instructor.</p>
<p>314 AESTHETICS INSTRUCTOR</p>	<p>Problems that arise in analyses and criticisms of literature and the arts. Prerequisite: one semester course in the department or special permission (for majors in literature or the fine arts).</p>

***317**
PHILOSOPHY OF SCIENCE
 MR. CLARK

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.

Prerequisite: Philosophy 212, and completion of the general college science requirement.

318
TYPES OF PHILOSOPHY
 MR. HUDSON

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.

Prerequisite: Philosophy 112 or permission of the instructor.

***319**
ETHICS AND GENERAL THEORY OF VALUE
 MR. REUMAN

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.

Prerequisite: Philosophy 211, or consent of the instructor.

331
HISTORY OF ANCIENT PHILOSOPHY
 MR. CLARK

Comparative study of the philosophical systems of Plato and Aristotle, with secondary attention to the pre-Socratics, Socrates, Epicurus, the Stoics, and Plotinus.

332
HISTORY OF MODERN PHILOSOPHY
 MR. REUMAN

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

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
 MR. HUDSON

Major movements in philosophy since 1900.

Prerequisite: two semester courses in philosophy or consent of the instructor.

<p>*354 HISTORY OF MEDIEVAL PHILOSOPHY MR. OSBORNE</p>	<p>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.</p>
<p>†[357] SYMBOLIC AND FORMAL LOGIC</p>	<p>Principles of semantics. Formal logic systematically studied. A brief introduction to the logic of probabilities. Prerequisite: Philosophy 212.</p>
<p>†[358] NINETEENTH CENTURY PHILOSOPHY</p>	<p>Post-Kantian thinkers such as Hegel, Kierkegaard, Schopenhauer, Nietzsche and Bergson. Special attention to the revolt against reason, evolutionism, and alienation. Prerequisite: Philosophy 332, or two courses in philosophy.</p>
<p>†[372] PHILOSOPHY OF RELIGION</p>	<p>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.</p>
<p>491, 492 PHILOSOPHY SEMINAR STAFF</p>	<p>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.</p>

Physical Education

<p>311 THE ORGANIZATION AND TEACHING OF HEALTH AND PHYSICAL EDUCATION MR. WINKIN AND MISS MARCHANT</p>	<p>The practice and theory of those activities included in the program of intramural athletics and physical education in the modern school program. Prerequisite: special permission.</p>
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312

THE ADMINISTRATION OF
HEALTH AND PHYSICAL
EDUCATION

MR. WINKIN AND
MISS MARCHANT

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 be offered in 1963-1964 but not in 1964-65.

Physics

141, 142

GENERAL PHYSICS
MESSRS. BANCROFT
AND BEATTY

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
MR. BEATTY

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.

Prerequisites: 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
MR. BEATTY

The two basic laws of thermodynamics are studied, and their applications 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 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, resolution, 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.

401, 402
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
441 STAFF
442 MR. BEATTY

Recent discoveries and theories in physics and astrophysics, including some topics and areas of particular interest to the staff. Laboratory.

Prerequisite: Physics 231; 401, 402 (401, 402 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

*211
ELEMENTARY PORTUGUESE
MR. HOLLAND

An introduction to the language through the medium of Spanish. Course designed to develop in one semester a working knowledge of the written and spoken language of Brazil.

Prerequisite: Spanish 103, 104.

212 LITERATURE IN PORTUGUESE MR. HOLLAND	A study of some of the masterpieces of Portuguese and Brazilian literature, with special emphasis on the <i>Lusiads</i> of Camoens. Prerequisite: Portuguese 211.
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Psychology

IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

211 GENERAL PSYCHOLOGY MR. GILLESPIE AND STAFF	An introduction to major topics and methods in the investigation of both animal and human behavior, including sensory processes, perception, learning and motivation.
212 PSYCHOLOGY OF PERSONALITY MR. GILLESPIE	The development and organization of normal personality as viewed by contemporary psychology; both conceptual and methodological issues will be examined.
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 212 or equivalent.
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 212 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 212 (or equivalent) or permission of the instructor.
381, 382 EXPERIMENTAL PSYCHOLOGY MR. FOZARD	Discussion of the planning, execution, and interpretation of research in psychology, with special attention to the areas of learning and perception. Prerequisite: Psychology 211 and Mathematics 241, or their equivalent.
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 211 and Biology 101, 102, or their equivalent.

412
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.

413
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.

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, under the guidance of a member of the department, in areas where the student has demonstrated the interest and competence necessary for independent work.

Prerequisite: permission of the instructor.

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.

14 THE BIBLE: NEW TESTAMENT DR. 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 DR. TODRANK	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. Modified audio-lingual approach. Conversation, grammar, composition, vocabulary building, reading. Hearing and practicing materials recorded on master tapes. One hour per week of conversational laboratory.
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103, 104
 INTERMEDIATE RUSSIAN
 MR. KEMPERS

Intensive and extensive reading of selections from Russian literature. A review, with written exercises, of the fundamentals of grammar and syntax. Conversation. Systematic study of vocabulary and idioms.

Prerequisite: Russian 101, 102 or two years of high school Russian.

105, 106
 INTRODUCTION TO RUSSIAN
 LITERATURE
 MR. KEMPERS

Study and interpretation of significant works, selected chiefly from Russian literature of the nineteenth century; pertinent readings in the field of intellectual thought. Class discussion, translation, conversation, composition.

Prerequisite: Russian 103, 104 or three years of high school Russian.

201a, 202a
 INDEPENDENT READING
 IN RUSSIAN
 MR. KEMPERS

Independent study and interpretation of Russian literary works. Conferences, reports, examinations. Credit: one semester-course.

Prerequisite: Russian 105, 106.

Social Science

DIVISIONAL COURSES

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

A study of the works of major social thinkers in the western tradition, taught by faculty members from five departments in the social science division. Considered in 1962-63 were Plato, Aristotle, St. Thomas Aquinas, Machiavelli, Hobbes, Locke, 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
 R. BIRGE

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
 R. BIRGE

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.

[331]
 INTRODUCTION TO SOCIAL WORK

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

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

This course presents the major problems of race and minority groups in the modern world.
 Prerequisite: Sociology 221, 222.

†[353]
 URBAN SOCIOLOGY

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	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 MR. BIRGE	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.
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*371 SOCIAL STRATIFICATION MR. ROSENTHAL	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.
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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.
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†[391] COLLECTIVE BEHAVIOR	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.
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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.
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*393 COMPLEX SOCIAL ORGANIZATIONS MR. GEIB	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.

01, 402 SOCIOLOGY SEMINAR DR. GEIB	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.
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INTERDEPARTMENTAL COURSES	Government 357, <i>Political Behavior</i> , and Psychology 413, <i>Culture and Personality</i> , are also applicable toward fulfillment of the major in sociology. (See government and psychology listings for descriptions of these courses.)
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Spanish

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102 ELEMENTARY SPANISH INSTRUCTOR	Introduction to the language. Modified audio-lingual approach. Conversation, grammar, composition, vocabulary building, reading. Hearing and practicing materials recorded on master tapes. One hour per week of conversational laboratory.
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103, 104 INTERMEDIATE SPANISH MR. HOLLAND AND STAFF	Reading of modern prose and poetry. A review, with written exercises, of the fundamentals of grammar and syntax. Conversation. Systematic study of vocabulary and idioms. <i>Special sections</i> . Prerequisite: Spanish 101, 102 or two years of high school Spanish.
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105, 106 INTRODUCTION TO SPANISH LITERATURE MR. HOLLAND	Masterpieces of Spanish literature from the Middle Ages through the contemporary period. Development of critical and analytical ability. Discussion, translation, composition, collateral reading. Hearing and practicing materials recorded on master tape. One hour per week of conversational laboratory. Conducted chiefly in Spanish. Prerequisite: Spanish 103, 104 or three years of high school Spanish.
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221, 222 HISPANIC-AMERICAN LITERATURE MR. HOLLAND	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 105, 106.
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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 221, 222 and permission of the instructor.

†[351]
THE THEATER OF THE GOLDEN
AGE

Reading and study of the theater of the Golden Age, with emphasis on Lope de Vega, Tirso de Molina, Ruiz de Alarcón, and Calderón de la Barca. Conducted chiefly in Spanish.

Prerequisite: Spanish 221, 222.

†[352]
THE NOVEL OF THE GOLDEN AGE

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 221, 222.

*355
SPANISH DRAMA AND POETRY OF
THE NINETEENTH CENTURY
INSTRUCTOR

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 221, 222.

*356
THE SPANISH NOVEL OF THE
NINETEENTH CENTURY
INSTRUCTOR

The development of the regional and realistic novel of the nineteenth century, studied through the works of Fernán Caballero, Alarcón, Valera, and Pereda, with particular attention to the works of Pérez Galdós. Conducted chiefly in Spanish.

Prerequisite: Spanish 221, 222.

357
THE GENERATION OF 1898
MR. HOLLAND

A study of the more important members of the Generation of 1898, with emphasis on Unamuno, Azorín, Baroja, Valle-Inclán, and Machado. Conducted chiefly in Spanish.

Prerequisite: Spanish 221, 222.

38
SPANISH LITERATURE OF THE
TWENTIETH CENTURY
R. HOLLAND

Outstanding prose and poetic works of the contemporary period, with emphasis on living authors. Conducted chiefly in Spanish.

Prerequisite: Spanish 221, 222.

51, 462
SPANISH SEMINAR
CAFF

Work of a more individual and original nature for advanced students. Assigned readings, investigation of special subjects, written and oral reports, examinations.

Prerequisite: Spanish 351, 352 or 355, 356 or 357, 358.

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 the two-year provisional grade B or the five-year provisional grade A secondary certificate from the Maine State Department of Education. The major subject must be one ordinarily taught in high schools.

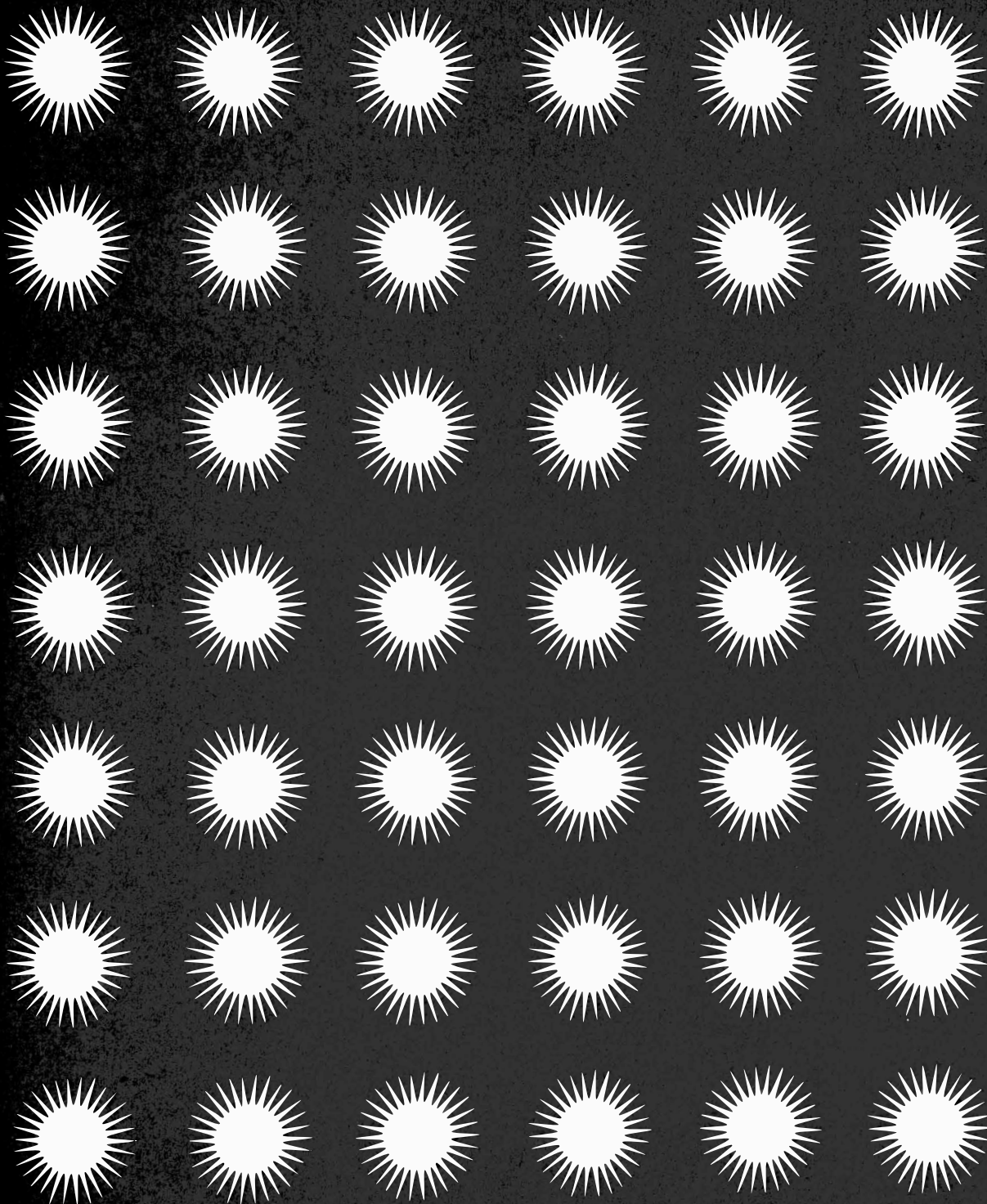
Because of variation in the certification requirements of different states a student who wishes to teach in a state other than Maine should obtain information from the appropriate department of education.

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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The Corporation

Corporate Name THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE

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(AL. 1964)	HILDA MARY FIFE, PH.D.	<i>Bangor, Maine</i>
(1966)	ROBERT HALLOWELL GARDINER, LL.B.	<i>Boston, Massachusetts</i>
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(1965)	NEIL LEONARD, L.L.B., LL.D.	<i>Boston, Massachusetts</i>
(1963)	LEONARD WITHINGTON MAYO, S.S.C.D.	<i>New York, New York</i>
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(1967)	ALBERT CARLTON PALMER, B.A.	<i>Stoneham, Massachusetts</i>
(1968)	WILSON COLLINS PIPER, LL.B.	<i>Boston, Massachusetts</i>
(AL. 1965)	HENRY W. ROLLINS, B.A.	<i>Waterville, Maine</i>
(AL. 1964)	ROBERT CONVERSE ROWELL, B.A.	<i>Waterville, Maine</i>
(1966)	WILLIAM GURDON SALTONSTALL, M.A., L.H.D., LITT.D., LL.D.	<i>Exeter, New Hampshire</i>
(AL. 1964)	DWIGHT EMERSON SARGENT, M.A.	<i>New York, New York</i>
(AL. 1963)	MARK RICHARD SHIBLES, M.ED., D.S.ED., L.H.D.	<i>Orono, Maine</i>
(1964)	RAYMOND PATON SLOAN, L.H.D.	<i>New York, New York</i>
(1963)	ABRAHAM M. SONNABEND, B.A., LL.D.	<i>Boston, Massachusetts</i>
	REGINALD HOUGHTON STURTEVANT, B.A.	<i>Livermore Falls, Maine</i>

(1968)	HARRY BURNHAM THOMAS, B.A.	<i>Keyport, New Jersey</i>
(AL. 1965)	BARBARA LIBBY TOZIER (MRS.), B.A.	<i>Portland, Maine</i>
(1967)	ESTHER ZISKIND WELTMAN (MRS.), M.ED.	<i>Longmeadow, Massachusetts</i>
	* <i>Honorary Life Member</i>	

FACULTY REPRESENTATIVES

(1963)	ALFRED KING CHAPMAN, M.A.	<i>Waterville, Maine</i>
(1964)	ROBERT WHITE PULLEN, PH.D.	<i>Waterville, Maine</i>

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AUGUSTINE A. D'AMICO	<i>Bangor, Maine</i>
JOHN W. DEERING	<i>Portland, Maine</i>
ROBERT R. EDGE	<i>Brownville, Maine</i>
GUY G. GABRIELSON	<i>New York City</i>
MORTON M. GOLDFINE	<i>Boston, Massachusetts</i>
NISSIE GROSSMAN	<i>Newton, Massachusetts</i>
BERTRAND W. HAYWARD	<i>Philadelphia, Pennsylvania</i>
D. RAY HOLT	<i>Winthrop, Maine</i>
HAZEL PECK HOLT (MRS. D. RAY)	<i>Winthrop, Maine</i>
CURTIS M. HUTCHINS	<i>Bangor, Maine</i>
EDITH KEMPER JETTE (MRS. ELLERTON M.)	<i>Sebec, Maine</i>
DAVID D. LYNCH	<i>Shrewsbury, New Jersey</i>
HIRAM P. MACINTOSH	<i>Philadelphia, Pennsylvania</i>
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JOSEPH C. SMITH	<i>New York City</i>
EUGENE C. STRUCKHOFF	<i>Concord, New Hampshire</i>
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Messrs. Pottle and Sewall.

Faculty 1962-63

EMERITI

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Professor-Emeritus of Philosophy; President-Emeritus
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 WEBSTER CHESTER, M.A., SC.D., *Professor-Emeritus of Biology*
 EDWARD JOSEPH COLGAN, M.A., SC.D., L.H.D.
Professor-Emeritus of Education and Psychology
 ERNEST CUMMINGS MARRINER, M.A., L.H.D.
Professor-Emeritus of English; Dean-Emeritus; College Historian
 LUELLA FREDERICKA NORWOOD, PH.D., *Professor-Emeritus of English*
 NINETTA MAY RUNNALS, M.A., LITT.D.
Professor-Emeritus of Education; Dean-Emeritus
 EVERETT FISK STRONG, B.A.
Professor-Emeritus of Modern Languages
 CARL JEFFERSON WEBER, M.A. (OXON.), LITT.D., L.H.D.
Professor-Emeritus of English
 LESTER FRANK WEEKS, M.A., *Professor-Emeritus of Chemistry*

ACTIVE FACULTY

The active faculty is arranged alphabetically in rank. In parentheses are listed colleges from which earned degrees have been received.

PROFESSORS

ARCHIBALD WILLIAM ALLEN,¹ PH.D. (California, Stanford)
Professor of Classics
 DENNISON BANCROFT, PH.D. (Amherst, Harvard)
Professor of Physics
 ROBERT MARK BENBOW, PH.D. (University of Washington, Yale)
Professor of English
 KINGSLEY HARLOW BIRGE, PH.D. (Dartmouth, Yale)
Professor of Sociology
 WALTER NELSON BRECKENRIDGE, M.A. (Tufts)
Professor of Economics
 JAMES MORTON CARPENTER, PH.D. (Harvard)
Professor of Fine Arts
 RICHARD CARY, PH.D. (New York University, Cornell)
Professor of English; Curator of Rare Books and Manuscripts
 ALFRED KING CHAPMAN, M.A. (Colby, Harvard)
Roberts Professor of English Literature
 JOHN ALDEN CLARK, PH.D. (Amherst, Harvard)
Professor of Philosophy
 WILFRED JAMES COMBELLACK, PH.D. (Colby, Boston University)
Professor of Mathematics

¹ On leave, second semester, 1962-63

ALICE PATTEE COMPARETTI (Mrs.), PH.D. (Rockford, Cornell)
Professor of English

ERMANNIO F. COMPARETTI, PH.D. (Cornell)
Professor of Music

ERNEST PARKER JOHNSON, PH.D. (Springfield, Brown)
Professor of Psychology; Dean of the Faculty

RICHARD KNOWLTON KELLENBERGER, PH.D. (Oberlin, Princeton)
Professor of Modern Languages

DONALDSON KOONS, PH.D. (Columbia)
Professor of Geology

GILBERT FREDERICK LOEBS, M.A. (Springfield, Pittsburgh, Columbia); *Professor of Health and Physical Education*

JOHN FRANKLIN MCCOY, M.A. (Princeton, Harvard)
Professor of Modern Languages; Director of Schedule; Director of Summer School of Languages

ALBERT ANTHONY MAVRINAC, PH.D. (Pittsburgh, Harvard)
Professor of Government

CLIFFORD HAZELDINE OSBORNE, B.A., D.D. (London)
Professor of Religion; Chaplain

ROBERT WHITE PULLEN, PH.D. (Colby, Massachusetts Institute of Technology), *Professor of Economics*

EVANS BURTON REID, PH.D. (McGill)
Merrill Professor of Chemistry

ALLAN CHARLES SCOTT, PH.D. (Clark, Pittsburgh, Columbia)
Professor of Biology

WILLIAM AUGUST STARKER, B.S. (Arizona), (Major, USAF)
Professor of Air Science

ROBERT EDWARD LEE STRIDER, II, PH.D., LL.D. (Harvard)
Professor of English; President

RALPH SAMUEL WILLIAMS, M.B.A. (Colby, New York University)
Wadsworth Professor of Business Administration; Administrative Vice-President

ASSOCIATE PROFESSORS

ARCHILLE HENRI BIRON, M.A. (Clark, Middlebury, Paris)
Associate Professor of Modern Languages

PHILIP STEWART BITHER, M.A. (Colby, Harvard)
Associate Professor of Modern Languages

ARTHUR SAMUEL FAIRLEY, PH.D. (Amherst, Princeton)
Associate Professor of Physics

- JAMES MACKINNON GILLESPIE, PH.D. (Harvard)
Associate Professor of Psychology
- KEMP FREDERICK GILLUM, PH.D. (Illinois, Wisconsin)
Associate Professor of History
- PAUL VERNON HAZELTON,¹ M.ED. (Harvard)
Visiting Associate Professor of Education
- CHARLES F. HICKOX, JR., PH.D. (Harvard, Columbia, Yale)
Associate Professor of Geology
- HENRY HOLLAND, PH.D. (Maine, Harvard, Madrid)
Associate Professor of Modern Languages
- FLORENCE ELIZABETH LIBBEY, B.A., B.S. IN L.S. (Colby, Columbia)
Associate Professor of Bibliography; Associate Librarian
- COLIN EDWARD MACKAY,² PH.D. (Brown)
Associate Professor of English
- JOHN REDMOND MCKENNA, B.A., B.L.S. (Queen's University, McGill)
Associate Professor of Bibliography; Librarian
- PAUL EWERS MACHEMER,³ PH.D. (Princeton, Pennsylvania)
Associate Professor of Chemistry
- JANET MARCHANT, M.A. (Columbia)
Associate Professor of Health and Physical Education
- WILLIAM BLACKALL MILLER,² PH.D. (Harvard, Columbia)
Associate Professor of Fine Arts
- ELLSWORTH WILLIS MILLETT, M.A. (Colby, Columbia)
Associate Professor of Health and Physical Education; Alumni Secretary
- GEORGE THOMAS NICKERSON, M.A. (Colby, New York University)
Associate Professor of Education; Dean of Men
- PAUL POWERS PEREZ, PH.D. (U.S. Coast Guard Academy, New York University),
Associate Professor of Psychology
- WENDELL AUGUSTUS RAY, PH.D. (Bates, Harvard)
Associate Professor Chemistry
- HAROLD BRADFORD RAYMOND, PH.D. (Black Mountain, Harvard)
Associate Professor of History

¹ Second semester only

² On leave, first semester, 1962-63

³ On leave, 1962-63

PETER JOSEPH RE, M.A. (Yale, Columbia)
Associate Professor of Music

ROBERT EVERETT REUMAN,¹ PH.D. (Middlebury, Pennsylvania)
Associate Professor of Philosophy

WILLIS DALE RICHEY,² PH.D. (Rochester)
Visiting Associate Professor of Chemistry

DONALD SYLVESTER ROTHCHILD,³ PH.D. (Kenyon, California, Johns Hopkins), *Associate Professor of Government*

HENRY OTTO SCHMIDT, PH.D. (Boston University)
Associate Professor of Modern Languages

FRANCES FENN SEAMAN (Mrs.), B.MUS. (Oberlin)
Associate Professor; Dean of Women

ARTHUR WILLIAM SEEPE, M.C.S. (Dartmouth, Amos Tuck)
Associate Professor of Business Administration; Treasurer

GORDON WINSLOW SMITH, M.A. (Boston University, Harvard)
Associate Professor of Modern Languages

NORMAN SWASEY SMITH,⁴ M.ED. (Tufts, Harvard)
Associate Professor of Education

IRVING DAVID SUSS, PH.D. (North Carolina, Columbia)
Associate Professor of Dramatics in the Department of English

JOHN HALE SUTHERLAND, PH.D. (Swarthmore, Pennsylvania)
Associate Professor of English

ROBERT LEE TERRY, PH.D. (Earlham, Pennsylvania)
Associate Professor of Biology

GUSTAVE HERMAN TODRANK,⁴ PH.D. (De Pauw, Boston University)
Associate Professor of Philosophy and Religion

LEON PALMER WILLIAMS, M.A. (Cortland Teachers, Columbia)
Associate Professor of Health and Physical Education

JOHN WORDE WINKIN, JR., ED.D. (Duke, Columbia)
Associate Professor of Health and Physical Education

LUCILLE PINETTE ZUKOWSKI (Mrs.), M.A. (Colby, Syracuse)
Associate Professor of Mathematics

WALTER HENRY ZUKOWSKI, PH.D. (Clark)
Associate Professor of Business Administration

¹ On leave, first semester, 1962-63

² 1962-63

³ On leave, 1962-63

⁴ On leave, second semester, 1962-63

- ASSISTANT PROFESSORS
- JAMES WAYNE BEATTY, JR., PH.D. (North Dakota, Massachusetts Institute of Technology), *Assistant Professor of Physics*
- CLIFFORD JOSEPH BERSCHNEIDER, M.A. (Duquesne, Pittsburgh) *Assistant Professor of History*
- MARJORIE DUFFY BITHER (Mrs.), B.S. (Simmons) *Assistant Professor of Health and Physical Education*
- STANLEY BOBER, PH.D. (New York University) *Assistant Professor of Economics*
- EMILY FRANCES BRADY,¹ M.A. (Syracuse, Columbia, Havana, Chile, Brazil); *Assistant Professor of Modern Languages*
- DAVID GORDON BRIDGMAN, PH.D. (Yale, Wisconsin, Harvard) *Assistant Professor of History*
- WILLIAM LAFRENTZ BRYAN, B.A. (Colby) *Assistant Professor; Director of Admissions*
- FRANCISCO ANTONIO CAUZ, M.A. (Villanova, Middlebury) *Assistant Professor of Modern Languages*
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- RONALD BARNARD DAVIS, PH.D. (Grinnell, New Hampshire, Cornell); *Assistant Professor of Biology*
- THOMAS WILLIAM EASTON, PH.D. (Maine, Brown) *Assistant Professor of Biology*
- YVONNE RICHMOND FISHER (Mrs.), M.B.A. (Colby, Cornell) *Assistant Professor of Business Administration*
- JAMES LEONARD FOZARD, PH.D. (California, San Diego, Lehigh) *Assistant Professor of Psychology*
- ARRA M. GARAB, PH.D. (Swarthmore, Columbia) *Assistant Professor of English*
- FREDERICK ARTHUR GEIB, M.A. (New Hampshire, Brown) *Assistant Professor of Sociology*
- FAITH GULICK, M.A. (Connecticut College, Mills) *Assistant Professor of the Dance in the Department of Health and Physical Education*

¹ On leave, 1962-63

CHARLES EDWARD HOLT, JR., B.A. (Dartmouth)
Assistant Professor of Health and Physical Education

JOHN JOSEPH IORIO, M.A. (Columbia)
Assistant Professor of English

EARL AUSTIN JUNGHANS, M.S. (U. S. Naval Academy, Purdue)
Assistant Professor of Mathematics

JOHN KEMPERS, PH.D. (Hastings, Nebraska, Syracuse)
Assistant Professor of Modern Languages

DANIEL FRANK KIRK, PH.D. (Western Reserve, Florida)
Assistant Professor of English

REBECCA CHESTER LARSEN (Mrs.), M.A. (Colby, Western Reserve)
Assistant Professor; Recorder

EARLE ALTON MCKEEN, M.ED. (Colby, Maine)
Assistant Professor; Director of Placement

WILLIAM ALEXANDER MACOMBER, B.A. (Colby)
*Assistant Professor; Director of Adult Education and Extension;
 Director of Roberts Union*

JONAS OETTINGER ROSENTHAL, M.A. (Swarthmore, North Carolina)
Assistant Professor of Sociology; Administrative Assistant to President

JOHN BOONE SIMPSON, M.ED. (Boston University)
Assistant Professor of Health and Physical Education

DAVID TATEM, M.A. (Randolph-Macon, Columbia)
Assistant Professor of Modern Languages

NORMAN EDWARD WHEELER, M.A. (Ohio State)
Assistant Professor of Mathematics

FLOYD CELAND WITHAM, M.A. (Colby, Stanford)
Assistant Professor of Speech in the Department of English

MERRITTE P. WOODARD, JR., B.A. (Hobart) (Capt., USAF)
Assistant Professor of Air Science

JOSEPH BERNARD YOKELSON,¹ PH.D. (Brown)
Assistant Professor of English

VISITING LECTURERS MOHIT KUMAR HALDAR, PH.D. (Dacca, London)
Visiting Lecturer in Philosophy

INSTRUCTORS MURIEL BRIGGS AUSTIN (Mrs.), B.A. (Colby)
Instructor in Geology

JAY E. BACHRACH, B.A. (Indiana)
Instructor in Philosophy

¹ On leave second semester, 1962-63

- JOSEPH FRANCIS CARROLL, M.A. (Syracuse, Paris)
Instructor in Modern Languages
- ROBERT STANLEY COX, B.A. (U.C.L.A., Grenoble)
Instructor in Modern Languages
- DAVID FONG,¹ M.A. (Columbia)
Instructor in English
- HENRY ALBERT GEMERY, M.B.A. (Southern Connecticut, Harvard)
Instructor in Business Administration
- HOMER T. HAYSLETT, JR., M.S. (Virginia Polytechnic Institute)
Instructor in Mathematics
- YEAGER HUDSON, S.T.B. (Millsaps, Boston University)
Instructor in Philosophy
- WAYNE MAURICE JUDAH, M.A. (Indiana)
Instructor in Modern Languages
- FRANCIS XAVIER MATHEWS, M.A. (Fairfield, Wisconsin)
Instructor in English
- CHARLES ABBOTT MEADER, M.F.A. (Dartmouth, Colorado)
Instructor in Art
- MARGARET KOONS MILLER (Mrs.),² B.A. (Wooster)
Instructor in Art
- DOROTHY SWAN REUMAN (Mrs.),³ M.A. (Wooster, Wisconsin)
Instructor in Music
- KEYVAN TABARI,¹ M.A. (Duke, Columbia)
Instructor in Government
- WILLIAM CHARLES WEES, M.A. (Northwestern, Rochester)
Instructor in English
- MARVIN G. WEINBAUM, M.A. (Brooklyn, Michigan)
Instructor in Government
- KENNETH T. WEINBEL, M.S. (Hofstra)
Instructor in Health and Physical Education
- GEORGE GRANT WELCH, JR.,¹ B.A. (Colby)
Instructor in Classics
- PETER WESTERVELT, PH.D. (Harvard)
Instructor in Classics

¹ 1962-63² First Semester Only³ Second Semester Only

ASSISTANTS	<p>SILVIA CAILLET-BOIS <i>Assistant in Modern Languages</i></p> <p>GEORGE LEIDIGH COLEMAN, II¹, M.S. (Kansas) <i>Assistant in Geology</i></p> <p>GESA M. FIEDLER (Mrs.), (Hochschule f. Music u. Theater, Hamburg), <i>Assistant in Music</i></p> <p>LESTER CLYDE GREENWOOD, III², B.S., (R.P.I.) <i>Assistant in Geology</i></p> <p>JULIA WINIFRED KIERSTEAD (Mrs.), B.A. (Maine) <i>Special Assistant for Developmental Reading</i></p> <p>ADOLF A. RAUP <i>Assistant in Modern Languages</i></p> <p>KENTON STEWARD <i>Assistant in Music</i></p> <p>ELIZABETH CHALMERS TODRANK (Mrs.)², M.ED. (Wellesley, Boston University) <i>Special Assistant for Developmental Reading</i></p>
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VISITING PROFESSORS IN
SPECIAL PROGRAMS

FREDERICK THAYER HILL, M.D., SC.D. <i>Visiting Professor of Otolaryngology</i>
RAYMOND PATON SLOAN, L.H.D. <i>Visiting Professor of Hospital Administration</i>
JOSEPH SATALOFF, M.D. <i>Visiting Professor of Otology</i>
PARKER HEATH, M.D. <i>Visiting Professor of Ophthalmology</i>

COMMITTEES OF
THE FACULTY

	The president and the dean of the faculty are members ex officio of all committees; the first named member of each committee is its chairman.
ADMINISTRATIVE	President Strider; Dean Johnson; Vice-President Williams; Deans Nickerson and Seaman; Professors G. Smith (1963), Raymond (1964), Hickox (1965), Assistant to the President, Mr. Dyer; and Administrative Assistant to the President, Professor Rosenthal, Secretary to the Committee.
ADMISSIONS	Dean Johnson; Vice-President Williams; Deans Nickerson and Seaman; Professors L. Zukowski (1963), MacKay (1964), Berschneider (1965), Benbow*; Director of Admissions, Mr. Bryan; and Director of Placement, Mr. McKeen.

¹ Second semester only

² First semester only

* Serving the first semester

AFROTC	Professors W. Zukowski, Gillespie, Junghans, McKenna, Millett, Simpson, Witham; and Major Starker, ex officio.
ARCHITECTURAL	Professor Suss; Dean Johnson; Vice-President Williams; Professors Biron, Carpenter, Miller, and Perez.
ATHLETICS	Professors Biron, Breckenridge, Geib, Kempers, Loeb, and L. Williams.
BOOK OF THE YEAR	Professors Bridgman, Carpenter, Garab, Iorio, and Suss.
BOOKSTORE	Professors Raymond, Beatty, Curran, McKenna, Schmidt, Seepe, Sutherland, Mr. Meader, and Mr. Wees.
COMMENCEMENT	Professor Loeb; Vice-President Williams; Professors P. Bither, E. Comparetti, McKenna, Millett, Simpson, G. Smith; Asst. to the President, Mr. Dyer; Superintendent of Buildings and Grounds, Mr. Whalon; Director of Food Services, Miss Nichols; Assistant to the Director of Admissions, Mr. Tolette; a senior man and a senior woman.
DISCRIMINATORY PRACTICES	Professor Scott; Deans Nickerson and Seaman; Professors Birge, Bridgman, and L. Zukowski.
EDUCATIONAL POLICY	Dean Johnson; Professors Allen, Reid, Mavrinac (1963), Bancroft, MacKay, W. Zukowski (1964), Clark, E. Comparetti, Koons (1965), Kellenberger* and Administrative Assistant to the President, Professor Rosenthal.
EXAMINATIONS AND SCHEDULE	Professors Gillespie, Chipman, Curran, Gillum; Ray, Terry, Winkin; Director of Schedule, Professor McCoy; and Recorder, Mrs. Larsen.
FACULTY RESEARCH, TRAVEL AND SABBATICALS	Dean Johnson; Vice-President Williams; Professors Breckenridge, Carpenter, and Scott.
FINANCIAL AID	Vice-President Williams; Deans Nickerson and Seaman; Treasurer, Professor Seepe; Director of Admissions, Mr. Bryan; Director of Placement, Mr. McKeen; Professors Pullen (1963), Yokelson (1964), Fairley (1965), and Gillespie (1965).
FOREIGN STUDENTS AND FOREIGN STUDY	Professor Holland; Deans Johnson, Nickerson, and Seaman; Professors Cauz, Easton, Schmidt, G. Smith, and Mr. Weinbaum.
FRESHMAN WEEK	Assistant to the Director of Admissions, Mr. Tolette; Director of Placement, Mr. McKeen; Deans Johnson, Nickerson, and Seaman; Treasurer, Mr. Seepe; Director of Admissions, Mr. Bryan; Direc-

* Serving 1962-63

tor of Roberts Union, Mr. Macomber; Recorder, Mrs. Larsen; Director of Food Services, Miss Nichols; Professors Bancroft, Loeb, McCoy, Marchant, Re, and Mr. Gemery.

GRADUATE SCHOLARSHIPS Dean Johnson; Professors Berschneider, P. Bither, A. Comparetti, Fairley, Garab, and Hickox.

HONORARY DEGREES Professors Kellenberger, Bancroft, Birge, Millett, Re, Reid, and Sutherland.

LIBRARY Professors Osborne, Davis, Kempers, Kirk, Libbey, McKenna, and Dr. Westervelt.

PLANNING President Strider; Dean Johnson; Vice-President Williams; Vice-President for Development, Mr. Turner; Deans Nickerson and Seaman; Alumni Secretary, Professor Millett; Asst. to the President, Mr. Dyer; Professors Chapman, Combellack and Pullen.

PROFESSIONAL PREPARATION Ex officio members: Deans Johnson, Nickerson and Seaman; and Director of Placement, Mr. McKeen.

College Teaching: Professors A. Comparetti, Bridgman, Hickox, and Mr. Gemery.

Engineering: Professors Ray, Beatty, Fairley, and Junghans.

Law and Government Service: Professors Berschneider, Breckenridge, Gillum, and Starker.

Medicine: Professors Terry, Reid, and Scott; Dr. Dore, Dr. Heath, Dr. Hill, and Dr. Pfeiffer.

Secondary School Teaching: Professors N. Smith, P. Bither, and Wheeler.

Theology: Professors Osborne, Bryan, Todrank, and Mr. Hudson.

REMEMBRANCE Professors M. Bither, Libbey, Macomber, Marchant, and Osborne.

SENIOR SCHOLAR Professors Cary, Chipman, Fisher, Garab, Holland, Kellenberger, Miller, and Raymond.

SOCIAL Professors Gulick, Bober, Cauz, Fozard, Wheeler, and Mr. Bachrach.

STANDING Professor Chapman; Deans Johnson, Nickerson, and Seaman; Recorder, Mrs. Larsen; Professors Koons, Loeb, and Pullen.

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George Thomas Nickerson, M.A.

DEAN OF WOMEN

Frances Fenn Seaman (Mrs.), B.MUS.

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Clifford Hazeldine Osborne, D.D.

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John Redmond McKenna, B.L.S.

ASSOCIATE LIBRARIAN

Florence Elizabeth Libbey, B.S. in L.S.

CURATOR OF RARE BOOKS AND MANUSCRIPTS

Richard Cary, PH.D.

HISTORIAN

Ernest Cummings Marriner, L.H.D.

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William Lafrentz Bryan, B.A.

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Irving Gene Tolette, B.A.

DIRECTOR OF SCHEDULE

John Franklin McCoy, M.A.

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Earle Alton McKeen, M.ED.

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Ellsworth Willis Millett, M.A.

ASSISTANT TO THE ALUMNI SECRETARY

Sidney W. Farr, B.A.

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DEVELOPMENT

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Walter K. Hall, B.S.

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George Edward Whalon

DIRECTOR OF FOOD SERVICE

Helen Nichols, B.S.

DIRECTOR OF RUNNALS UNION

Florence N. Hamilton (Mrs.)

DIRECTOR OF ROBERTS UNION

William Alexander Macomber, B.A.

ASSISTANT DIRECTOR OF ROBERTS UNION

Marguerite Chase Macomber (Mrs.), B.A.

MANAGER OF BOOK STORE

Millard Everett Trott

MANAGER OF SUPPLY AND MIMEOGRAPH SERVICE

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Capt. Merritte P. Woodard, Jr., B.A.

M/Sgt. John A. Peterson

T/Sgt. John W. Parkes

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Pauline Cunningham
Secretary, Physical Education Office

Paula Mary Cyr (Mrs.)
Mailing Room Clerk

Irvine Sanders Doe (Mrs.)
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Assistant, Treasurer's Office

Lorraine Embon
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Jean Ann Fedorovich
Secretary, Admissions Office

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Supervisor, Addressograph

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Faculty Secretary, Lovejoy Building

Lena Proctor Mulkin (Mrs.)
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Lucille McIntyre Rancourt (Mrs.)
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Annette Reynolds (Mrs.)
Clerk, Bookstore

Yvette G. Roy
Secretary, Development Council

Sharon Salisbury
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Betty B. Snook (Mrs.)
Secretary, Health and Physical Education Office

Zella Wyer Taylor (Mrs.)
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Frances Elizabeth Thayer, B.A.
Assistant to the Dean of Women

Elizabeth Eleanor Warren (Mrs.)
Secretary to the Administrative Vice-President

Christine Woodbury Winkin (Mrs.)
Secretary to the Dean of Men

LIBRARY STAFF

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Catalog Librarian of Special Collections

Kenneth Pond Blake, Jr., M.S.
Readers' Services Librarian

Frances Elizabeth Diggs
Reference Assistant

Dorothea Elizabeth Marchetti
Circulation Assistant

R. Webb Noyes, M.S.
Classifier

Inez W. Noyes (Mrs.), B.A.
Catalog Librarian

Collette P. Pelkey
Pauline C. Poulin
Hilda F. Seeley (Mrs.)
Clerical Assistants

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House Mother, Alpha Tau Omega Fraternity

Gladys Ruth Balkam (Mrs.)
House Mother, Phi Delta Theta Fraternity

Eleanor T. Deering (Mrs.)
Head Resident, Woodman Hall

James L. Fozard
Head Resident, Small Hall

Bonita Guilford (Mrs.)
House Mother, Lambda Chi Alpha Fraternity

Clara H. Haines (Mrs.)
Head Resident, Louise Coburn Hall

Daniel F. Kirk
Head Resident, Robins Hall

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House Mother, Delta Upsilon Fraternity

Ruth Maxwell (Mrs.)
House Mother, Zeta Psi Fraternity

Ruth B. Rich (Mrs.), B.A.
House Mother, Tau Delta Phi Fraternity

Evangeline Y. Scott (Mrs.)
Head Resident, Foss Hall

Elizabeth Augusta Towle (Mrs.)
House Mother, Delta Kappa Epsilon Fraternity

Harriette W. Webster (Mrs.)
Head Resident, Mary Low Hall

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Barbara Doughty, B.S.
Assistant Dietitian

Inza Taylor Foster (Mrs.)
Relief and Catering Assistant

Robert D. Griffin, B.S.
Food Service Assistant

L. Muriel Tripp, B.S.
Assistant Dietitian

MEDICAL STAFF

Clarence E. Dore, M.D.
College Physician

John F. Reynolds, M.D.
Consultant in Surgery

Price A. Kirkpatrick, M.D.
Consultant in Psychiatry

Carl E. Nelson, B.S.
Physio-Therapist

Susan McGraw Fortuine (Mrs.), B.S., R.N.
Head Nurse in Residence

Nurses:

Helen Diehl (Mrs.) L.P.N.

Dilana Fenwick (Mrs.) R.N.

Mary Nicholson (Mrs.) R.N.

Louise Polequin (Mrs.), R.N.

Madora Savasuk (Mrs.), R.N.

Mae Simpson (Mrs.) R.N.

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Ansel Albert Grindall
General Foreman

George John Mitchell
Sanitation Foreman

Robie F. Bickmore
Heating Foreman

Daniel Richard MacKnight
Electrician

Honors and Degrees

DEGREES AWARDED AT COMMENCEMENT

MONDAY, JUNE 11, 1962

Bachelor of Arts

MEN'S DIVISION

James Michael Acheson, *Augusta*
 Joseph Garrett Adams, *Windsor, Connecticut*
 Graham Barkham, *New York, New York*
 Elmer Cornelius Bartels, *Newton Center, Mass.*
 William White Bassett, *Bridgewater, Mass.*
 George Peter Beaumont, *Madison, Connecticut*
 Paul Richard Beck, *Indian Orchard, Mass.*
 David Edward Berman, *Hull, Massachusetts*
 Benjamin Blaney, *Weston, Massachusetts*
 Mark Andres Bradford, *South Lincoln, Mass.*
 Ralph Alden Bradshaw, *Milton, Massachusetts*
 Andrew Orchard Bridgeman, *Somerset, Mass.*
 Nelson Eric Bruce, *New Bedford, Massachusetts*
 Sumner Sylvester Bryant, Jr., *Freeport, N. Y.*
 Daniel Charles Bumsted, *Westwood, New Jersey*
 Garth Kenyon Chandler, *Enfield*
 John Colby Chapman, *Damariscotta*
 William Vernon Chase, *Villanova, Pennsylvania*
 John Francis Christie, III, *Bryn Mawr, Penn.*
 William Robert Christie, *South Portland*
 William Plummer Clough, III,
New London, New Hampshire
 Bana Lee Cohen, *Swampscott, Massachusetts*
 Samuel Gershwin Cohen, *Waldoboro*
 Henderson Warren Colley, *Swampscott, Mass.*
 Dennis Connolly, *New York, New York*
 Whitney John Coombs, *Short Hills, New Jersey*
 Terence Anglin Cordner, Jr., *Troy, New York*
 Edwin Bradford Cragin, Jr., *Colchester, Conn.*
 Murray Lawrence Daley, *Pembroke, Ontario, Canada*
 Baudouin Francois deMarken, *Taconic, Conn.*
 Modesto Mario Diaz, *Barcelona, Spain*
 Robert Allan DiNapoli, *West Hartford, Conn.*
 Peter Matthiessen Duggan, *New York, N. Y.*
 David Goodrich Enloe, *Manhasset, New York*
 Bruce Chapman Ferguson, *Greene, Rhode Island*

Anthony Francis Ferruci, Jr., *Portland*
 Thomas Peter Fox, *Skowhegan*
 Edward Curtis Franklin, *New York, N. Y.*
 James Richard French, *Cranford, New Jersey*
 William L. Furstenberg, *Ann Arbor, Michigan*
 David Michael Gallin, *New Rochelle, N. Y.*
 William Albert Gardel, *New York, New York*
 Stephen Sander Garment, *Malverne, N. Y.*
 Matthew Joel Garston, *New Bedford, Mass.*
 Joseph Miller Marion Gray, *Winchester, Mass.*
 Philip John Gregorio, *Reading, Mass.*
 Philip Anthony Grieco, Jr., *East Haven, Conn.*
 Nicolas Putnam Gross, *Mystic, Connecticut*
 Gordon Wescott Hall, *Westport, Connecticut*
 Geoffrey Rolfe Hamill, *South Hamilton, Mass.*
 Robert Atkins Haskell, *Winchester, Mass.*
 Edward Francis Hayde, Jr., *White Plains, N. Y.*
 Paul William Hickey, *Hudson, Massachusetts*
 John Edward Hilton, *Athens*
 William Allister Hurder, *Hamden, Connecticut*
 Peter Hutchinson, *South Lincoln, Massachusetts*
 Robert William Ipcar, *Georgetown*
 David Ellis Jacobson, *Jersey City, New Jersey*
 Peter Michael Jaffe, *Beverly, Massachusetts*
 Gary Jahrsdoerfer, *Milford, New Jersey*
 James Anthony Johnson, Jr., *Tewksbury, Mass.*
 Samuel Victor Just, *Brooklyn, New York*
 Dennis Arthur Kinne, *Housatonic, Massachusetts*
 Anthony Ferdinand Kramer, *Chicago, Illinois*
 Edward Ellsworth Kyle, *Laconia, N. H.*
 Ovila Joseph LaPlante, *Waterville*
 Arthur Marshall Lawton, *Torrington, Conn.*
 Donald Elbert Legro, Jr., *Lexington, Mass.*
 Peter Dirk Leiser, *Sao Paulo, Brazil*
 Peter Louis Leofanti, *Belmont, Massachusetts*
 Richard Alphonse Lessard, *Augusta*
 Erickson Lief, *Newton, Massachusetts*
 Raymond Martin Loew, *Garden City, N. Y.*
 Ralph Joseph Loffredo, *East Orange, N. J.*
 Michael Richard McCabe, *Wellesley Hills, Mass.*
 Samuel Robert McCleery, Jr., *Wilbraham, Mass.*
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 Malcolm Fraser McLean, III, *Swampscott, Mass.*
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 Craig Buckingham Malsch, *Fairfield, Connecticut*
 William Henry Marks, *New Haven, Connecticut*
 Bruce Clark Marshall, *Portland*
 Frederick Hamilton Merrill, *Woodstock, Vt.*
 Carl Irving Meyerhuber, Jr., *Bergenfield, N. J.*
 Gary Britten Miles, *Needham, Massachusetts*

Richard Samuel Mittleman, *Providence, R. I.*
 Alan Leigh Neigher, *Fairfield, Connecticut*
 W. Richard Nobman, Jr., *Oyster Bay, N. Y.*
 David Clark Norman, *Yarmouth*
 Matthew Barrows Perry, *New York, New York*
 Joseph Henry Phillips, Jr., *Manhasset, N. Y.*
 Arthur Paul Pickman, *Peabody, Massachusetts*
 Calvin Henry Pingree, *Georgetown, Mass.*
 Richard Thomas Poland, *Livermore Falls*
 Jerome Alden Poole, *Wilmington, Delaware*
 William Irving Pye, Jr., *West Hartford, Conn.*
 Robert Allan Reinstein, *Paris, France*
 Ronald Keith Ryan, *Fenwick, Ontario, Canada*
 Henry James Sargent, Jr., *North Haven, Conn.*
 Jeffrey Winfield Savastano, *Cranston, R. I.*
 Richard Robert Schmaltz, *West Hartford, Conn.*
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 Richard Alan Simkins, *Carney's Point, N. J.*
 David Michael Starr, *New York, New York*
 Frank Platten Stephenson, *Plymouth, N. H.*
 Gerald Wilson Tays, *Milton, Massachusetts*
 David Charles Thaxter, *South Freeport*
 Louis Cyrus Thebold, Jr., *Exeter, N. H.*
 Jerome Peter Thompson, *Houlton*
 Carl Theodore Tiedemann, II, *Rye, New York*
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 Richard Pasquale Vacco, *Bridgeport, Conn.*
 Shelley Davis Vincent, III, *Mendon, Mass.*
 Bernard Royce Wagner, *Augusta*
 William Charles Waldeyer, *Neptune City, N. J.*
 Douglas Edward Wax, *Chestnut Hill, Mass.*
 John Cummings Webster, III, *Stoughton, Mass.*
 Allston Eugene Weller, Jr., *Marblehead, Mass.*
 Michael Nicholas Westcott, *Philadelphia, Penn.*
 Paul Joseph White, *Waterville*
 Charles Wiggins, *Westport, Connecticut*
 John Morris Williams, *Englewood, N. J.*
 Frank Lawrence Wiswall, Jr., *North Castine*
 Elliot David Woocher, *Great Neck, N. Y.*
 Christopher Robin Wood, *Basking Ridge, N. J.*
 Joseph Arthur Wright, II, *Cape Elizabeth*

As of the class of 1961

Peter David Cavari, *West New York, N. J.*
 Robert James Gannon, *Ridgewood, N. J.*

Gordon Crall MacDonald, *New York, New York*
 Anthony Zash, *Englewood, New Jersey*
 David Mills Ziskind, *Fall River, Massachusetts*

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Diane Elizabeth Allen, *Brattleboro, Vermont*
 Janan Babb, *Camden*
 Mary Jean Ballantyne, *Windsor, Vermont*
 Marjeanne Frances Banks, *China*
 Brenda Marie Bertorelli, *Milford, Massachusetts*
 Margaret Jane Bone, *New York, New York*
 Kathryn Raye Bradley, *Carmel, Connecticut*
 Margaret Ann Brown, *Chatham, New Jersey*
 Suzanne Washburn Burleigh, *Presque Isle*
 Rosemarie Audrey Carbino, *Riverside, Conn.*
 Joanne Herbold Clarey, *Lexington, Mass.*
 Janet Mary Cole, *Lexington, Massachusetts*
 Elizabeth Patton Conley, *Frederick, Maryland*
 Phyllis Lenore Crawford, *Kingston, R. I.*
 Charlene Ann Crimmins, *Augusta*
 Judith Cronk, *Auburn*
 Barbara Crane Davenport, *Brattleboro, Vermont*
 Joyce Ann Dignam, *Barrington, Rhode Island*
 Patricia Ann Doucette, *Westbrook*
 Patricia Downs, *Bronxville, New York*
 Cynthia Barber Dunn, *Winchester, Mass.*
 Judith Arline Dupras, *Tyngsboro, Mass.*
 Barbara Elizabeth Eayrs, *Middleboro, Mass.*
 Marcia Lee Eck, *Northboro, Mass.*
 Nancy Dickson Ela, *Wayland, Mass.*
 Margot Elisa Ettinger, *Plandome, New York*
 Alice MacDonald Evans, *Westfield, New Jersey*
 Patricia Annette Farnham, *Bangor*
 Constance Anne Fournier, *Livermore Falls*
 Jill Houghton Francis, *Lunenburg, Mass.*
 Sandra Jane Fullerton, *Wilton, Connecticut*
 Jean Elizabeth Gaffney, *Westport, Connecticut*
 Arlene Joan Gauthier, *Nashua, N. H.*
 Sharon Lorraine Gear, *New Westminster, British Columbia, Canada*
 Jane Tuttle Germer, *West Hartford, Conn.*
 Ann Marie Gleason, *Penacook, N. H.*
 Nancy North Gould, *Essex, Connecticut*
 Janice Clare Griffith, *Union, N. H.*
 Jean Andrea Hamilton, *West Boylston, Mass.*
 Dorcas May Hebb, *Bridgton*

Janet Katherine Hertzberg, *Brattleboro, Vt.*
 Eleanor Gordon Hicks, *Harrisburg, Penn.*
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 Katherine Gray Hiltz, *Milford, N. H.*
 Judith Jean Hoagland, *Quaker Hill, Conn.*
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 Hope Hutchins, *Bangor*
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 Sandra Annette Keef, *Bangor*
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 Linda Mae Laughlin, *Fiskdale, Massachusetts*
 Brenda Lenore Lewison, *Hopedale, Mass.*
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 Deborah Hind Lucas, *Mount Desert*
 Joan Laurie Anne McCarthy, *Brunswick*
 Nancy Jean MacKenzie, *Morristown, N. J.*
 Joyce Ives McQuilkin, *Wellesley, Massachusetts*
 Gail Macomber, *Conway, New Hampshire*
 Suzanne Martin, *West Hartford, Connecticut*
 Patricia Jane Millett, *Bucksport*
 Suzanne Catherine Mulcahy, *Hamden, Conn.*
 Cynthia Theresa Nasif, *Brooklyn, New York*
 Jennifer Harlow Nesbit, *Pittsfield, Massachusetts*
 Linda Hope Nicholson, *Newington, Connecticut*
 Brenda Lloyd Phillipps, *Melrose, Massachusetts*
 Joan Phillipps, *Norton, Massachusetts*
 Carol Ann Pospisil, *Clinton, Connecticut*
 Debora Marion Price, *South Hadley, Mass.*
 Mary Ellen Rand, *Greenwich, Connecticut*
 Nancy Louise Record, *Falmouth Foreside*
 Nancy Jean Rowe, *Bridgton*
 Edda Noemi Sanchez, *Managua, Nicaragua*
 Alice Claudia Shest, *Valley Stream, New York*
 Elizabeth Simmons, *Derry, New Hampshire*
 Beverly Frosa Skende, *Hyannis, Massachusetts*
 Gail Jean Smith, *Melrose, Massachusetts*
 Linn Spencer, *Newtonville, Massachusetts*
 Mary Lael Swinney, *Arlington, Virginia*
 Mary Bell Symonds, *Hinsdale, Illinois*
 Pamela Ann Taylor, *Upper Montclair, N. J.*
 Janice Kathryn Thompson, *Laconia, N. H.*

Anne Ticknor, *Englewood, New Jersey*
 Eleanor Louise Tomlinson, *Weston, Mass.*
 Ann Blaisdell Tracy, *Charleston*
 Janice Elizabeth Turner, *Canton Center, Conn.*
 Ruth Marguerite Veit, *Northport, New York*
 Alice Elisabeth Walker, *Owls Head*
 Judith Alice Webb, *Hingham, Mass.*
 Susan Keith Webster, *Bridgewater, Mass.*
 Priscilla Gwyn Wiswall, *Scarsdale, New York*
 Brenda Doris Wroblewski, *Camden, New Jersey*
 Jean Margaret Young, *Framingham, Mass.*
As of the class of 1961
 Jeannette Benn Anderson, *Houlton*

Master of Science in Teaching

Gerald Stanley Alden, *Turner*
 Stanley Phillips Brown, *Augusta*
 Donald Sewall Harmon, *Island Falls*
 James David Marshall, *Oakland*
 Henry Rollins Thomas, *Skowhegan*
 Eldwin Atwell Wixson, Jr., *Waterville*

HONORS IN GENERAL SCHOLARSHIP

Summa Cum Laude
 Pamela Ann Taylor

Magna Cum Laude
 Patricia Jane Millett
 Sandra Annette Keef
 Priscilla Gwyn Wiswall

Cum Laude
 Dorcas May Hebb
 Janet Katherine Hertzberg
 Alice Claudia Shest
 Modesto Mario Diaz
 Patricia Downs

DISTINCTION IN THE MAJOR

Business Administration
 Patricia Jane Millett

English

Priscilla Gwyn Wiswall
William L. Furstenberg

French

Janet Mary Cole

Government

Janice Clare Griffith

Mathematics

Joan Phillips

Sociology

Pamela Ann Taylor

Spanish

Modesto Mario Diaz

PHI BETA KAPPA

Margaret Jane Bone
Janet Mary Cole
Patricia Downs
Cynthia Barber Dunn
Dorcas May Hebb
Janet Katherine Hertzberg
Sandra Annette Keef
Bruce Reed MacPherson
Patricia Jane Millett
Alice Claudia Shest
Pamela Ann Taylor
Ann Blaisdell Tracy
Janice Elizabeth Turner
Priscilla Gwyn Wiswall

SENIOR SCHOLARS

James Michael Acheson
The Sociology of Primitive Thought
Sharon Lorraine Gear
Small Group Stimulus of Urban Renewal and Social Control
Bruce Reed MacPherson
The Psychological and Biochemical Mechanisms of Schizophrenia
Alan Leigh Neigher
Thanks, Wayne (a novel)

HONORARY DEGREE RECIPIENTS

Oscar Moody Chute
Doctor of Humane Letters
Malcolm Cowley
Doctor of Letters
James Brown Fisk
Doctor of Science
Walter Hallstein
Doctor of Laws
Edith Kemper Jette
Master of Arts
Howard Mumford Jones
Doctor of Laws
Walter Piston
Doctor of Music
Ronald Vale Wells
Doctor of Divinity
Stephen Junius Wright
Doctor of Laws

HONORS IN THE COMPREHENSIVES

Patricia Jane Millett — *Business Administration*
Jennifer Harlow Nesbit — *Classics and English*
William L. Furstenberg — *English*
Priscilla Gwyn Wiswall — *English*
Janet Mary Cole — *French*
Janice Clare Griffith — *Government*
Jane Tuttle Germer — *History*
Joan Phillips — *Mathematics*
Pamela Ann Taylor — *Sociology*
Modesto Mario Diaz — *Spanish*

MILITARY GRADUATES

Receiving commissions as Second Lieutenants United States Air Force
Nelson Eric Bruce
Whitney John Combs
Edwin Bradford Cragin, Jr.
Donald Elbert Legro, Jr.
Samuel Robert McCleery, Jr.
John William McHale
William Irving Pye, Jr.
Allston Eugene Weller, Jr.
Joseph Arthur Wright, II

Interviewers for Admission

CALIFORNIA

Fullerton

Miss Susan Campbell, '52
1637 West Gage Avenue

Los Angeles

Mr. Lew W. Bowman
10644 Wilshire Boulevard
Apartment #2

Mrs. James T. Greenwood
(Colette Piquerez, '57)
2401 Ocean View Avenue

Palo Alto

Mr. Willard Wyman, '56
Freshman English Department
Stanford University

COLORADO

Denver

Miss Janet Kimball, '57
582 Humboldt Street

CONNECTICUT

Fairfield

Mr. Wilford D. Whiteley, '51
173 Puritan Road

Goshen

Mrs. Arthur J. Robinson
(Marcia Peterson, '60)
Box 56

Greenwich

Miss Miriam Hardy, '22
26 Lexington Avenue

Hartford

Miss Louise J. Leavenworth, '49
946 Wethersfield Avenue

Lakeville

Mr. C. Arthur Eddy, '54
Mrs. C. Arthur Eddy
(Barbara Guernsey, '54)
Mr. Arthur White, '52
Hotchkiss School

Monroe

Mr. Karl Decker, '54
Mrs. Karl Decker
(Merrilyn A. Healy, '54)
R.F.D. #1

New London

Mr. David W. H. Harvey, '53
15 Glenwood Place

Stamford

Dr. Ward Tracy, '54
346 Thunder Hill Drive

West Hartford

Mr. Clayton W. Johnson, '25
30 Lockwood Terrace

Willimantic

Mr. Thomas Callaghan, '23
201 Lewiston Avenue

DELAWARE

Wilmington

Mr. Robert Roth, '51
Mrs. Robert Roth
(Helen Palen, '51)
308 Plymouth Road
Fairfax

DISTRICT OF COLUMBIA

Washington

Mrs. Roderick M. Engert
(Jane Soule, '42)
4509 Ellicott Street, N. W.
Dean William B. West, '19
Big Brothers of D. C.
412 Fifth Street, N. W.

ILLINOIS

Evanston

Dr. Oscar M. Chute, '29
1606 Colfax Street

Deerfield

Mr. Robert C. Erb, Jr.
36 Melrose Lane
Lincolnshire

MARYLAND

Chevy Chase

Mrs. George C. Spiegel
(Betty Ann Royal, '42)
8803 Clifford Avenue

MASSACHUSETTS

Amherst

Mrs. Robert Glover
(Beryl E. Scott, '58)
20 Hartman Road

Bedford

Mr. Benjamin R. Sears, '52
403 David Road

Boston

Miss Marilyn Perkins, '58
103 Marlboro Street

Bridgewater

Mr. Herbert W. DeVeber, '36
206 Crescent Street

Brockton

Mr. Carl R. MacPherson, '26
Assistant Principal
Brockton High School

Concord

Mr. Clifford A. Bean, '51
19 Monsen Road

Haverhill

Miss Edith E. Emery, '37
59 Chandler Street

Milton

Mr. Arthur J. Brimstine, '21
70 Plymouth Avenue

Newtonville

Mr. Howard L. Ferguson, '31
133 Lowell Avenue

Northampton

Dr. David Morse, Jr., '52
Mrs. David Morse, Jr.

(Deborah Brush, '52)
54 Kensington Avenue

North Andover

Mrs. Douglas B. Allan
(Elizabeth Swanton, '33)
37 Bradstreet Road

Somerset

Mr. Arthur Marchand, '55
New Hill Avenue

Springfield

Mr. U. Cleal Cowing, '27
32 Spring Street

Stoneham

Major John P. English
2 Poplar Street

Ware

Mr. Charles A. Pearce, '49
112 Church Street

Wayland

Mrs. Joel H. Harris
(Eleanor J. Shorey, '57)
13 Bow Road

Mrs. Alton Lamont
(Joan Martin, '52)
7 Clubhouse Lane

Wellesley Hills

Mr. John T. King, II, '54
49 Sheridan Road

Wollaston

Mrs. David B. Chapin
20 Janet Road

Worcester

Mr. Clifford H. Littlefield, '26
Worcester Academy

Mr. Thomas Lavigne, '38
Lavigne Press
177 Mechanic Street

MICHIGAN

Detroit

Miss Joanne C. Raffay, '57
Apt. 209
560 Parkview Drive

Flint

Mrs. Franklin P. Bennett
(Florence Young, '29)
1101 Woodside Drive

MINNESOTA

Minneapolis

Mr. Lew C. Church, '02
1020 Rand Tower

NEW HAMPSHIRE

Nashua

Mr. C. Wallace Lawrence, '17
179 Amherst Street

North Haverhill

Mr. A. Frank Stiegler, Jr., '28

NEW JERSEY

Englewood

Mrs. John W. Taussig, Jr.
(Ann Jennings, '49)
358 Mountain Road

Kinnelon

Mr. George B. Laffey, Jr., '52
Mrs. George B. Laffey, Jr.
(Elizabeth Winkler, '53)
Birch Road

Madison

Mr. Charles R. DeBevoise, '48
43 Crescent Road

Old Bridge

Mrs. Richard L. Hampton
(Jean Hahlbohm, '55)
46 Margaret Street

Westfield

Mr. Raymond S. Grant, '25
721 Crescent Parkway

Mrs. William Odell
(Mary Burrison, '48)
2311 Longfellow Avenue

Woodbury

Mr. Roy V. Shorey, Jr., '54
131 North Maple Street

NEW YORK

Albany

Mr. William M. Harriman, '17
161 Manning Boulevard

Buffalo

Mrs. Spencer E. Hickman
(Margaret Wilkins, '18)
Box 23, Bidwell Station

Castleton-on-Hudson

Mr. Kenneth Van Praag, '55
14 First Street

DeWitt

Mr. Donald M. Butcher, '44
Box 255

Dobbs Ferry

Mrs. Arthur W. Gatenby
(Eleanor G. Gray, '57)
64 Beacon Hill Drive

Fairport

Mr. Ormande Brown, '51
235 South Main Street

Garden City, Long Island

Mr. Kenneth C. Dolbeare, '22
St. Paul's School

Mr. Patterson M. Small, '47
101 Wyatt Road

Hicksville, Long Island

Dr. Anthony L. Arthur, '54
61 Twin Lownes Avenue

Jamesville

Mrs. James McIntosh
(Sally Phelan, '59)
Box 157

Latham

Mr. Lawrence Pugh, '56
12 Holly Lane

Locust Valley, Long Island

Miss Ann F. Rossiter, '55
6 Wood Lane

Manhasset, Long Island

Mr. M. Colby Tibbetts, '45
15 Ridge Circle

New York City

Miss Janice W. Holland, '54
317 East 51st Street

Mr. David O'Neil, '54
47 West 86th Street

Mrs. Ernest Tracy
168 East 74th Street

Mr. Richard Tupper, '52
176 East 80th Street

Mr. Henry K. Wingate, '61
520 East 86th Street

Peekskill

Mr. Merton E. Laverty, '23
Peekskill Military Academy

Rochester

Dr. Libby Pulsifer, '21
16 North Goodman Street

Mrs. Pieter Punt

(Beryl H. Baldwin, '53)
55 Lincoln Mills Road

Rockville Centre, Long Island

Mr. Robert N. Wulfig, '53

Mrs. Robert N. Wulfig
19 Revere Street

Rye

Mr. Henry F. G. Wey, III, '56

Mrs. Henry F. G. Wey, III
(Lyn Brooks, '56)
111 Old Post Road

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Mrs. John F. McCoy, Jr.
(Barbara Vaughan, '52)
2051 McClellan Street

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Mrs. Nicholas Lupo
(Marjorie Austin, '52)
146 Kingston Avenue

OHIO**Columbus**

Professor Norman B. Lattin, '18
College of Law
Ohio State University

Cuyahoga Falls

Mr. Earl S. Bosworth, Jr., '49
2875 Norma Street

Kent

Professor Lawrence S. Kaplan, '47
Department of History
Kent State University

PENNSYLVANIA**Camptown**

Mrs. H. Anthony Homet
(Barbara J. Klein, '57)

Easton

Mrs. Robert A. Conover
(Nancy Moyer, '54)
823 Burke Street

Professor David S. Crocket, '52
Lafayette College

Gladwyne

Mr. Richard B. Beal, '51
936 Merion Square Road

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Miss Audrey Bostwick, '51
6705 Springbank Lane

Mr. Chester D. Harrington, '51
Look Magazine
12 South 12th Street

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Mrs. Bay E. Estes, Jr.
(Ruth E. Stubbs, '34)
812 Elm Spring Road

Sewickley

Mr. Edward A. Waller, '49
District Manager
Raytheon Company
408½ Beaver Street

York

Mr. Fritz Knight, '59
551 South Finlay Street

RHODE ISLAND**Cranston**

Mr. Norval E. Garnett, '51
Mrs. Norval E. Garnett
(Norma Bergquist, '52)
67 Dellwood Road

Providence

Mr. Wayne W. McNally, '21
64 Larch Street

VERMONT**St. Johnsbury**

Mr. Donald M. Jacobs, '50
St. Johnsbury Academy

South Burlington

Dr. David L. Adams, '58
341 White Street

VIRGINIA**Arlington**

Mrs. David T. Scheele
(Sancy Buxton, '59)
3418 North Pershing Drive

Falls Church

Mr. Ernest J. Roderick, '36
1407 Timber Lane

WASHINGTON**Bellingham**

Mrs. Charles M. Stansel
(Lois Meserve, '63)
1516 Humboldt Street

Enrollment by States and Countries

CLASSIFIED ACCORDING TO GEOGRAPHICAL
LOCATIONS OF STUDENTS' HOMES

	<i>Total</i>	<i>Men</i>	<i>Women</i>				
ALL AREAS	1258	765	493				
				OUTSIDE THE UNITED STATES	26	23	3
NEW ENGLAND	841	494	347	Argentina	2	1	1
Connecticut	152	107	45	Austria	1	1	—
Maine	256	124	132	Bahamas	1	1	—
Massachusetts	338	217	121	Brazil	1	1	—
New Hampshire	67	34	33	Cameroun	1	1	—
Rhode Island	14	8	6	Canada	4	3	1
Vermont	14	4	10	Dominican Republic	1	—	1
				England	2	2	—
OUTSIDE NEW ENGLAND	391	248	143	France	2	2	—
California	8	4	4	Greece	1	1	—
Colorado	2	1	1	Holland	1	1	—
Delaware	2	1	1	Italy	1	1	—
District of Columbia	7	4	3	Japan	1	1	—
Florida	2	2	—	Jordan	1	1	—
Hawaii	2	1	1	Kenya	2	2	—
Illinois	11	3	8	Lebanon	1	1	—
Indiana	1	—	1	Mexico	1	1	—
Maryland	6	4	2	Philippines	1	1	—
Michigan	1	—	1	Sierra Leone	1	1	—
Minnesota	3	2	1				
Nebraska	1	1	—				
New Jersey	78	50	28				
New York	179	124	55				
North Carolina	1	—	1				
Ohio	22	16	6				
Pennsylvania	49	28	21				
South Carolina	1	—	1				
Virginia	8	5	3				
Washington	1	1	—				
West Virginia	1	—	1				
Wisconsin	5	1	4				

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