Colby College Catalogue 1968 - 1969

Colby College

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George L. Coleman, Registrar

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Charles F. Hickox, Jr., Director of Financial Aid and Coordinator of Government Supported Programs

SUMMER SCHOOL OF LANGUAGES
Director of the Summer School of Languages

VETERANS’ AFFAIRS
George L. Coleman, Registrar

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

College address: Colby College, Waterville, Maine 04901.
General Information
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Colby College

The President and Trustees of Colby College

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.

Independent college of liberal arts for men and women (women first admitted, 1871); nonsectarian, founded under Baptist auspices.

Bachelor of Arts.

825 men, 692 women.

132 full and part time.

$13,500,000 (book value).

Over 260,000 volumes, pamphlets, microfilms and papers; 750 current subscriptions to periodicals.

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.

Colby Yesterday and Today

In 1813 a group of Baptist associations secured a charter from the Massachusetts Legislature which authorized the establishment of the Maine Literary and Theological Institution, but withheld 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 seven theological students.

During his first year Chaplin was the only teacher, conducting classes in a farmhouse opposite what is now the Central Fire Station. In 1819 he was joined by professor of languages, the Reverend Avery Briggs. 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 to undergraduate studies in liberal arts.

Soon after Chaplin’s arrival, the trustees purchased land extending eighty rods along the Kennebec River and 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 truly could be called 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 men not of the faith, 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 of 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 have nurtured the college through infancy and supported it for more than a century and a half.

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 receiving degrees 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 industrial 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. Colby is now, officially, a coeducational college.

During the early years the trustees were compelled to sell much of the college land in Waterville and after the first world war Colby found its campus confined to thirty crowded acres comprising 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 and President Robert E. L. Strider has, in his turn, enforced these principles of achievement. As a result the new campus now consists of thirty-four modern buildings, most of Georgian colonial architecture, valued in excess of thirty million dollars.

The growth of Colby since its transition to Mayflower Hill has been striking. No longer is it a provincial New England college. The enrollment has risen from 600 to over 1,500, and the students come from more than two thirds of the states and many foreign countries. The faculty, numbering 56 in 1940, now exceeds 130. During the same years the endowment has increased from less than three million dollars (original cost) to more than thirteen million. Accompanying the physical expansion has been a growth in variety and quality of the curriculum enabling an increasing number of graduates to seek advanced degrees in the liberal arts and the professions at the leading universities.
In 1963, Colby College observed its one hundred and fiftieth anniversary with a distinguished series of events emphasizing the college's heritage and its responsibility for the future. That academic year was a milestone, but no event had more significance for the college than its selection by the Ford Foundation for development as a “regional center of excellence.” Colby received in June, 1962, a challenge grant of $1.8 million in the Foundation's Special Program in Education, which was successfully 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.” Colby has continued to explore the possibilities of liberal arts education, experimenting with new educational programs — one of these, Program II, made possible by another Ford Foundation Grant — enriching the traditional liberal arts program while remaining responsive to a changing universe.

PRESIDENTS

1822-1833 | Jeremiah Chaplin
1833-1836 | Rufus Babcock
1836-1839 | Robert Everett Pattison
1841-1843 | Eliphaez 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 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 them through, 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 intellectual, curious and should have the energy and the ambition to pursue academic objectives with vigor and concentration, as well as participate in a limited number of those extra-curricular activities which supplement the academic program. These include student government, student publications, athletics (intercollegiate and intramural), music, drama, dance, debate, religious groups and social organizations. Students participate in all aspects of these activities: they
may direct plays they have written, print books of their own and others’ poetry, choreograph dance recitals.

It is the philosophy of the college that responsibility be given the student: in the regulation of social life and daily living and in the academic program. Toward this end advising, guidance, and counseling are available. Colby hopes that during the college years the student will mature socially and intellectually, and every opportunity is given him to do so.

One distinctive feature of a Colby education directly bears out this philosophy. The college's January Program of Independent Study has as its purpose the encouragement of the student to acquire both the habit and the methods of exploring a particular field of knowledge on his own, 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.

In its search for better means to demonstrate that learning is a continuous process and to involve students in the excitement of independent study, Colby started 25 freshman students in its experimental Program II in September 1966. Each student was assigned to an advisor who met regularly with the students to assist them in planning a program in which they took advantage of the traditional course offerings at the college, but were not required to take the regularly scheduled courses or examinations. Sponsored by the Ford Foundation, the program will be carefully evaluated to determine its use in future.

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 educa-
tion, 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. Nevertheless one of the justifications of the liberal arts education is that a student need not constrict his view.

There are available a number of ways of tailoring or broadening the course of study: the January Program can offer opportunities to work in depth in a major field or to explore new fields. Combined majors may cross two or more fields. And it is still possible for students majoring in such subjects as classics, English, or history to go to medical schools — provided, of course, that pre-medical requirements are met and a scientific aptitude is evident; and for students majoring in such fields as mathematics or French to go on to study law. Through carefully planned advising the student is assisted in the selection of the program best suited to his talents and his future aspirations.
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 38 new buildings on this campus of about 1,000 acres, one of the most modern and beautiful in the nation.

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

At the center of the campus is Miller Library, which is described in full on page 16.

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, named for the Colby graduate who was one of America’s earliest martyrs for freedom of the press. Here are also faculty offices, laboratories for modern languages and psychology, an auditorium, and headquarters for the ROTC program.

Administration offices are housed in the Eustis building.

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

Colby women are housed in Mary Low, Foss, Averill, Dana, East (made up of three units: Small, Champlin and Butler), Sturtevant and Taylor Halls. Housing for men is found in Coburn, Johnson, Leonard, Marriner, West (comprised of Robins, Chaplin and Pepper) and Woodman Halls and in eight fraternity houses: Delta Kappa Epsilon, Zeta Psi, Delta Upsilon, Phi Delta Theta, Alpha Tau Omega, Tau Delta Phi, Lambda Chi Alpha and Kappa Delta Rho.

Dining commons are in Roberts Union, Dana, Foss-Woodman, and Mary Low-Coburn. All dining is coeducational. Roberts Union also houses the Sherman M. Perry Infirmary, guest rooms, student organization offices, lounges, the Seaverns Bookstore, and the Paper Wall.

The Ninetta F. Runnals Union is a center for social events, poetry readings, student-faculty teas, lectures, and sorority activities and contains a gymnasium with stage for dramatics and lectures.

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

The President's House is the first building the visitor sees as he enters the campus from downtown Waterville.

Athletic facilities are contained in the new physical education and athletic complex and consists of the Wadsworth Gymnasium (badminton, volleyball, and four basketball courts), Alfond Ice Arena, the fieldhouse (an eight-lap-to-the-mile track, a baseball diamond, and tennis courts), the Dun-
away Squash and Handball Courts, and the swimming pool. Also in the complex are a dance studio, coaches' offices, locker rooms, a sauna bath, and a therapy unit.

Outdoors there are some fifty acres of playing fields: two football fields, two baseball diamonds; a soccer field; fourteen tennis courts, and space for field hockey, archery, and informal games. Approximately three miles from campus, the college owns a ski area which has a T-Bar, rope tow, night-lighted slope, jump, lodge, and snowmaking equipment.

Part of the woodland surrounding the campus has been designated as a wildlife sanctuary, The Perkins Arboretum, and includes about eighty acres. Johnson Pond, along one side of the campus, is used for ice-skating in season. The Colby-Marston Preserve, a gift honoring the late Walter Forrest Marston, a Colby graduate of 1874, is located in Belgrade, approximately ten miles from the college. The preserve contains many species of flora which are thought to have covered northern New England immediately following glaciation but are now nearly extinct. Used for field studies of biology, ecology, and geology, the preserve has been the subject of several faculty and student studies.
The Library

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

The open stack system allows the students to browse through a collection of over 260,000 volumes. A periodical collection consisting of over 750 current journals is supplemented by the publications of the United States Government and the United Nations.

Special collections of first editions and manuscripts in the Colby Library have achieved international distinction. The Thomas Hardy collection is considered to be one of the most extensive in the United States. Other authors represented include A. E. Housman, Sarah Orne Jewett, Kenneth Roberts, Henry James, Willa Cather and Mary Ellen Chase. These are housed in the Edwin Arlington Robinson Memorial Room, named in honor of the great Maine poet, whose books, manuscripts and personal papers are also located here. The James Augustine 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.

Among the latest additions are a collection of Russian literature in Russian which was given by the class of 1957, and a collection of books on East Asia given by the class of 1958. The Academy of New England journalists has established its archives at Miller Library.

The Colby Library Associates is an organization of friends of the library and includes a number of students as well as faculty members and others. The regular meetings of the associates feature talks on literary topics. Membership dues are used to purchase unusually expensive books and materials for the library.
From Johnson Pond
toward Miller Library
Lovejoy (left), Keyes (center), and Eustis buildings
Lorimer Chapel
Interiors: (above) Lorimer Chapel, Baccalaureate Service; Jette Gallery, Colby College Art Museum (Bixler Art and Music Center)
Afternoon in winter; the Colby College Ski Area.
The Academic Program

DIVISIONS OF INSTRUCTION

The courses in the curriculum are classified under five divisions. In the Division of Humanities are classics, English, art, music, and modern foreign languages. The Division of Social Sciences includes business administration, economics, sociology, education, psychology, history, government, philosophy and religion. In the Division of Natural Sciences are biology, chemistry, geology, mathematics, physics and astronomy. The Division of Physical Education and Athletics, besides offering courses, administers the intercollegiate athletic and intramural sports program. The Division of Aerospace Studies 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, and sometimes from more than one division.

THE STUDENT'S PROGRAM

The student at Colby normally takes 15 credit hours per semester, with a minimum of 12, to which he adds physical education for the first two years. To assure distribution among the several divisions mentioned above, every freshman must take English composition and a foreign language (unless covered by an achievement examination), and mathematics or a science. A social science is usual as the fourth course; additional credit hours may be obtained through a free elective; for prospective science majors this elective may be a second science course.

In the sophomore year the requirements include 6 credit hours in English or in English and American literature. Other subjects usually taken include a foreign language — unless that requirement has been met previously — 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; though certain requirements must be fulfilled, the programs of individual students differ. The student preparing for a scientific career or the study of medicine will begin taking the scientific subjects at once. Those interested in other areas of study have a wider choice of subject matter. Whenever any choice is to be made, the student should discuss this matter, in terms of his individual needs, with his adviser. All students must note carefully the requirements for the major in which they are interested.

To emphasize the fixed requirements, however, general programs for the freshman and sophomore years are outlined below. To understand why certain items appear, please note the graduation requirements on page 19.

FRESHMAN YEAR
- English composition
- Foreign language (unless requirement already met)
- A course in science or mathematics
- A course in social sciences or humanities
- Elective (for a total of 12-17 credit hours per semester)
- Physical education (without academic credit)

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

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.
To qualify for the degree of bachelor of arts a candidate must meet specific requirements in quantity, quality, distribution and concentration (see major on page 22), and must also participate satisfactorily in the January Program (page 23).

**QUANTITY**
A minimum of 120 credit hours and 4 terms of Physical Education.

**QUALITY**
216 points in 120 credit hours passed. For each credit hour, 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*: 12 credit hours (9 for those who show suitable proficiency).
   This requirement will be met by English 121, 211, and 212 or 214. Students for whom four terms are required take English 122. Certain foreign and ‘upward bound’ students may be required to start with English 111, 112; 113, 114. See under course listings in English.

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) Successfully completing any six credit hours in courses 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) For a transfer student who has studied a foreign language not taught at Colby, the requirement will be fulfilled if he has completed at an accredited institution the equivalent of
a second year of that language at the college level with marks high enough to make the work acceptable toward the Colby degree. (See note on page 36 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 minimum of 4 courses totalling at least 12 credit hours in each of the areas (described in III below) into which the student’s major does not fall.

1. Not more than 8 credit hours in any one subject may be counted toward the requirement in any one area. Combined subjects listed in III below (such as philosophy and religion) are here considered to be one subject.

2. Among the social sciences no more than 6 credit hours at the 100-level may be counted toward the requirement.

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

4. English 212 or 214, required for all students, may be counted 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.

III AREAS:

A. HUMANITIES: LIST OF SUBJECTS

Art
Classics (except Ancient History)
Comparative Literature
Dance Composition
English (except for 111, 112; 113, 114; 121, 122, 211, 131d, and 253)
Modern Languages (except 101, 102, 103, 104 courses)
Music
Philosophy and Religion (certain courses: Religion 223, 224, 311, 312, 315; Philosophy 314, 316, 355, 356, 372; Philosophy and Religion seminars when topics are relevant).

B. SCIENCES
Biology
Chemistry
Geology
Mathematics
Physics and Astronomy

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

PHYSICAL EDUCATION Completion of freshman and sophomore physical education programs is required for graduation.

RESIDENCE Candidates for the degree must have earned 60 credit hours 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 all college or area requirements, as well as certain requirements for the major, may be absolved by examination without course enrollment, at the discretion of the department concerned.

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

Near the end of the freshman year each student elects a tentative major 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 loses his right to continue with that major. The required scale is as follows: 1.5 grade point average for first 2 courses; 2 points for each credit hour 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 at least 12 credit hours 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
In the academic year 1961-1962 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.

To freshmen and sophomores various programs are offered. 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 in accordance with their choices from among the topics or problems available.

The program for juniors and seniors is directed by the major departments but emphasis remains on the basic unity of each student’s program.

This is, in effect, not one program but many. Individual departments and instructors have a free hand to explore types of programs and methods of presentation.

Work carried out in January is graded honors, pass or fail. Each student must successfully complete one January Program for each year he is in residence at the college to be eligible for graduation.

**SENIOR SCHOLARS**

A limited number of Senior Scholars, selected by a faculty committee, devote a major part of their time to approved scholarly subjects. Each Senior Scholar pursues this work under the guidance of a faculty member, and to allow sufficient time for it he or she may be excused from 6 to 9 of the usual number of 15 credit hours per semester as the committee shall determine.

**JUNIOR YEAR ABROAD**

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

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

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<tr>
<th>STUDENT EXCHANGE PROGRAM</th>
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<td>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 at the other institution. The only major added expense is for travel. A similar exchange program has been established with Robert College, Istanbul, Turkey. Ordinarily exchanges are arranged for a single semester of the junior year. Students may obtain further information from the dean of students.</td>
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<th>PROGRAM II</th>
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<tr>
<td>Twenty students in the class that entered in September 1966 were enrolled in PROGRAM II—an experimental program in independent study. PROGRAM II differs from the traditional course plan (PROGRAM I) in that no classes are required, examinations are not taken in the usual way, and no grades are given or recorded. Students in this plan are assigned to advisers. The adviser is the chief source of faculty guidance, acting as tutor and critic. A proposal that similar groups be enrolled in succeeding classes is under discussion by the faculty of the college.</td>
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<th>FOREIGN STUDENTS</th>
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<td>Colby has traditionally encouraged the enrollment of students from other countries, and is actively engaged in programs of international cooperation and exchange. Colby is a participant college in both the African Scholarship Program of American Universities and the Latin American Scholarship Program of American Universities. Students from foreign countries who do not require financial aid should apply to the Dean of Admissions. Financial aid to foreign students is ordinarily granted only to those students who have been recommended by one of the above mentioned organizations, or by the Insti-</td>
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</tbody>
</table>
Students must register for courses of each semester on the regularly assigned days. 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.

No student will be permitted to register later than the seventh class day of the semester, unless the dean of students certifies in writing that exceptional circumstances justify such action.

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

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

Each spring, with the approval of their advisers, students elect programs of study for the ensuing year; these elections, with approved revisions, are confirmed during the fall registration period. A student's academic program must bear his adviser's approval and be properly filed with the registrar; credit will be suspended for work in a course for which a student is not correctly registered. A continuing student registering in the fall is fined two dollars per credit hour 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 eight class days of a semester, the first day of classes being considered the first day of the semester. After the eighth day no students are permitted voluntarily to change from one course or section to another.

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

No student whose over-all grade point average in all courses taken in the previous semester is below 1.8 may elect more than 15 hours unless a 5-course program exceeds this total. The only exception is that a student who is not eligible by this rule, but who must have the extra credit hours to complete his degree requirements, may elect in one semester of his senior year one course in excess of these limitations.

Colby students may register to audit courses (not for credit) by obtaining written consent of the instructor and their adviser. They are not charged an auditing fee.

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

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

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

No student may be excused from any semester examination, except for illness or emergency so grave as to justify excuse in the judgment of the dean of students, or unless he has filed with the registrar a valid conflict-of-exams form or request based on his having scheduled three examinations in a single day. An excused student may be examined at a later date convenient to the instructor. Under no circumstances may a student be permitted to take a semester examination earlier than the date on which it is scheduled. A student is entitled to only one semester examination in any course; failed examinations cannot be repeated.

With the consent of the dean of students 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. Because this procedure is costly in reduction of final mark few request it.

Hour examinations and shorter quizzes are given as the individual instructor decides. Short quizzes may be scheduled 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 F and refer the case to the dean of students for any further action.

ACADEMIC STANDING

A student’s class standing is determined by the number of credit hours he has passed. Freshman standing, fewer than 24 credit hours; sophomore, from 24 to 53; junior, from 54 to 84; senior, more than 84.

Throughout the first semester, at the discretion of the professor, warnings are sent to students. A major warning means that a student’s standing at that time is below pass-
ing; a minor warning that, though passing, standing is so low that failure of the course is likely.

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

In a course designated as a year course, the tentative mark, showing progress at the end of the first semester, carries no credit toward graduation. For such year courses no credit is given until the completion of the full year's work. A student who has failed a year course may not secure credit by repeating merely the second semester 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 subsequently. If the failed course is specifically required for graduation, it must be repeated.

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

A mark of $Abs.$ indicates that a student has been absent from final examinations. A mark of $Inc.$ indicates a course not finished for some reason other than failure to take the final examinations. Grades of $Abs.$ or $Inc.$ must be made up within limits set by the instructor, and not later than the seventh class day of the succeeding semester. After this
date any remaining mark of *Abs.* or *Inc.* will be changed to an *F*. The dean of students may give limited extensions for the completion of work without penalty, but only for excuses similar to those acceptable for missing a final examination (page 28).

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

Marks of *W* and *WF* indicate withdrawal from course. During a semester a student may withdraw from a course and receive a mark of *W* provided both his adviser and dean consent. If the adviser and dean consent to the withdrawal but agree, after consultation with the instructor, that the course must be considered to have been taken and failed the mark shall be *WF*. For abandoning a course without permission the student shall receive an *F*.

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

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

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

Voluntary withdrawal from the college may be effected officially by filing a *notice of withdrawal* properly approved by the treasurer and the dean of students; the official form may be obtained from the dean. The date on the approved *notice of withdrawal* is the basis for computing any refunds which may be due. A student who leaves the college and neglects to effect official withdrawal until later cannot collect a refund for the elapsed interval.
Courses taken at other institutions may be credited toward the Colby degree under the conditions and circumstances listed below. Two quality points are credited toward the graduation requirement for each credit hour thus accepted.

1) When students are admitted by transfer their records are tentatively evaluated by the dean of admissions to determine the transferable equivalent in Colby courses. These courses are credited subject to confirmation through satisfactory progress at Colby College.

2) With prior permission, granted by the dean of students on receipt of appropriate recommendations from academic advisers, students enrolled in the college may receive credit for work in Junior Year Abroad programs, in the Fisk Exchange semester, or in approved summer school courses. No student may receive credit toward graduation for more than 14 credit hours taken in summer school for the purpose of making up deficiencies.

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

Colby College admits students only as candidates for the degree of Bachelor of Arts. The size of the entering class is limited by dormitory capacity and each year the number of acceptable candidates exceeds the number of freshman openings. Admission is, therefore, selective. The academic record of an applicant, the degree to which he has demonstrated intellectual curiosity, and evidence of his motivation are of primary significance; also important are his health, character, and personality. Colby is interested in candidates of academic ability who have demonstrated interest and participation beyond the routine scope of their studies. The admission policy does not include consideration of an applicant's race, religion, or national origin.

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

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

**ADMISSION PROCEDURE**

1. Application is made to the dean of admissions. A non-refundable $15 fee is required and a check or money order in this amount should be returned with the application.

2. Colby subscribes to the first choice early decision plan of the CEEB for well qualified applicants. Under this plan the candidate certifies that the college is his first choice, that he will accept an offer of admission if it is extended, provided it includes adequate financial aid, if needed. A candidate may initiate other applications, but agrees to withdraw them when notified of accept-
ance by Colby. Candidates may apply for early decision and financial aid no later than November 1 and should submit tests taken before the fall of the senior year. College notification of action, including the decision on the application for financial aid, is normally given no later than December 1, and successful candidates are exempted from further admission tests, except for placement purposes. Candidates who are not approved for early decision are deferred to the college's regular admission plan and are reviewed without prejudice at the usual time.

3. Interviews are not required although applicants who have not visited the campus are encouraged to do so, and campus guides are provided weekdays and on Saturday mornings when the college is in session. Opportunities to meet with representatives of the admissions office are available except during February, March, and the first two weeks of April. Individual appointments may be made upon request, except during the period noted above, and these should be scheduled well in advance. The college will arrange meetings with alumni representatives for applicants living some distance from Waterville.

4. The schedule for admission applicants is as follows:

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

December 1 — notification of decisions on early decision applications.

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

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

May 1 — regularly accepted applicants must confirm intention to attend Colby by payment of a non-refundable advance tuition deposit of $100.
COLLEGE BOARD TESTS

All candidates are required to submit the results of the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board. The Scholastic Aptitude Test should be taken not later than December or January of the senior year. The Achievement Tests should include English Composition, a foreign language, (including the associated listening comprehension test if it is available) and one other of the candidate's choice, and should be taken not later than January of the senior year.

Prospective science majors who wish to submit mathematics and science achievement tests may do so and complete the language achievement test requirement anytime prior to registration in the fall.

The CEEB tests are given at centers in the United States and foreign countries. Application for tests may be made to the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California, 94701.

ADVANCED STANDING

Colby participates in the Advanced Placement Program of the College Entrance Examination Board, providing academic credit for students qualified for advanced standing. Those interested must take CEEB Advanced Placement Tests and have them submitted to Colby for evaluation. Students scoring 4 or 5 receive automatic placement and credit from the College. Scores of 3 and below are evaluated by the academic department concerned.

TRANSFER STUDENT/ VETERANS

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

The prospective transfer student should write to the dean of admissions at Colby, stating his reasons for applying. An application and recommendation form will be sent to be completed and returned with the $15 application fee.
Transfer students should also ask the College Entrance Examination Board to send the results of any tests to Colby. Scholastic Aptitude Test scores are required for all transfer students. Tests taken in the senior year in secondary school will satisfy this requirement.

Any request for advanced standing based upon completion of service schools or USAFI courses from a veteran must be made in advance of matriculation. Credits usually apply only to freshman courses.

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 eleven credits per semester. Such persons must present evidence that they are qualified to pursue the intended courses and pay the regular fee of $80 per credit hour. Admission of special students is the responsibility of the deans of students.

HEALTH CERTIFICATE
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.
Orientation for Freshman

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 English and mathematics and to measure speed and comprehension in reading.

The Freshman orientation program is planned with the aim of introducing students to the intellectual and social life of the college.

| 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. |
| PLACEMENT IN MATHEMATICS | Students who have taken a course in elementary functions or analytic geometry in secondary school may, upon passing the placement examination in mathematics offered during the freshman orientation period, enter Mathematics 112d (Calculus I) without other prerequisite. |
| PLACEMENT IN FOREIGN LANGUAGES | Students offering a foreign language for entrance credit who wish to continue it in college will be placed on the basis of the CEEB Language Achievement Test required prior to entrance. If two or more units of the language are presented for entrance credit, continuation must be in a course numbered above the 101, 102 level. Should placement tests or performance indicate a student to be unqualified for this level, the language is repeated at the elementary level without credit, or a new language may be elected for credit.

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

**Annual Student Charges**  
968-1969  

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$2,100</td>
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<tr>
<td>Board</td>
<td>600</td>
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<tr>
<td>Room</td>
<td>400</td>
</tr>
<tr>
<td>General Fee i</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$3,200</strong></td>
</tr>
</tbody>
</table>

#### Calendar of Payments  
968-1969

<table>
<thead>
<tr>
<th>Event</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Upon acceptance for admission</strong></td>
<td></td>
</tr>
<tr>
<td>Admission deposit – freshmen</td>
<td>$100</td>
</tr>
<tr>
<td>Attendance deposit – upperclassmen</td>
<td>$200</td>
</tr>
<tr>
<td><strong>FIRST SEMESTER</strong></td>
<td></td>
</tr>
<tr>
<td>August 31</td>
<td></td>
</tr>
<tr>
<td>One-half of annual student charges for tuition, board and room plus the general fee for the year</td>
<td>$1,650'</td>
</tr>
<tr>
<td>(Note: Admission, attendance and room deposits as paid, may be deducted from this First Semester payment)</td>
<td></td>
</tr>
<tr>
<td>November 30</td>
<td></td>
</tr>
<tr>
<td>Semester bill (see page 39)</td>
<td></td>
</tr>
<tr>
<td><strong>SECOND SEMESTER</strong></td>
<td></td>
</tr>
<tr>
<td>January 20</td>
<td></td>
</tr>
<tr>
<td>One-half of annual student charges for tuition, board and room</td>
<td>$1,550'</td>
</tr>
<tr>
<td>March 31</td>
<td></td>
</tr>
<tr>
<td>Semester bill</td>
<td></td>
</tr>
<tr>
<td>April 15</td>
<td></td>
</tr>
<tr>
<td>Room deposit for following year</td>
<td>$50</td>
</tr>
</tbody>
</table>

*Payments must be made in accordance with this calendar of payments whether or not reminder notices are received from the college.*

iIncludes sickness and accident insurance, and student activities fee.

Students who are permitted to eat or live off campus may deduct $300 for board or $200 for room from the amount due in advance of each semester.
No formal bills are issued for the following items:

**Deposits**

*Admission deposit*  A non-refundable deposit of $100 is due on or before the date for confirmation of intention to attend (page 33). This deposit is deductible from the first semester payment due August 31.

*Attendance deposit*  A non-refundable deposit of $200 is required of all upperclass students on or before July 31 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 $100 admission deposit satisfies this requirement.

*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 will be forfeited if the student does not return to college unless the room reservation is withdrawn before August 1.

**Advanced Payments**

*Tuition*  The tuition charge is $1,050 per semester for schedules of 12 to 17 credit hours and must be paid prior to each semester in accordance with the calendar of payments. For schedules of fewer than 12 hours and for hours in excess of 17, the tuition charge is $80 per credit hour. The tuition charge for hours in excess of 17 will be included in the semester bill (page 39).

*Board*  Board in college dining halls is charged at the rate of $300 per semester. Payment must be made prior to each semester in accordance with the calendar of payments.

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 in advance in accordance with the calendar of payments. An election to board on campus is irrevocable and no refunds may be made.

*Room*  The room charge, in college dormitories, is $200 per semester payable prior to each semester in accordance with
the calendar of payments. Students are expected to occupy college housing facilities to the full extent of their availability. Other arrangements may be made only with specific approval of the dean of students. Dormitory reservations are made through the offices of the dean.

**General Fee**  The general fee is $100 for the year and is payable, in full, prior to the first semester in accordance with the calendar of payments.

**Student Activities**  Included in the general fee is a sum allocated for Student Government and such student organizations as it chooses to support.

**Accident and Sickness Insurance**  All students are required to have adequate accident and sickness insurance coverage. Coverage is provided in a group insurance policy. The premium for this coverage is included in the general fee. Details of the insurance plan are mailed to all parents during the summer.

Students having other comparable coverage and who do not wish the additional protection of the compulsory student insurance program—including the major medical supplement—must make written application for waiver at the office of the treasurer each year prior to the opening of college. Colby College cannot assume responsibility for serious accidents and illness not covered by appropriate insurance.

**Health Service**  Free service in the Sherman M. Perry Infirmary is provided for a total of two weeks in any college year. Students not covered by the college group accident and sickness insurance are charged $4 per day for infirmary care beyond the two-week free period. Non-boarding students are charged $4 per day for meals in the infirmary. There may be additional charges for special diets ordered by the college physician.

**SEMESTER BILL**  Charges for miscellaneous items not due prior to registration are included on semester bills due November 30 and March 31. Included are charges for extra courses, use of
electrical appliances, chemistry breakage fee, dormitory damage deposit, fraternity fee (see below), 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 each semester hour in excess of 17 hours per semester is $80 per hour.

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

A chemistry laboratory fee of $20 per course is charged on the first semester bill. Students enrolled in chemistry courses are required to pay for excessive breakage or loss of apparatus.

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

All fraternity men are charged a fee in excess of the room rent established for college dormitories. The fee is charged on the semester bill and applies whether the student resides in the fraternity house or not. The amount of the fee is determined by each fraternity.

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

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

Students may have official transcripts mailed to other institutions, prospective employers, or other authorized
agencies by completing the transcript request form available at the registrar’s office. The fee for this service is one dollar for each transcript after the first. Official college transcripts are not delivered to students. A student may have an unofficial transcript upon request; the same regulations and fee apply.

**PAYMENT OF BILLS**

Tuition, room, board, and general fee must be paid in full in accordance with the calendar of payments (page 37) before a student is permitted to register or attend classes. Students excluded from classes under this rule for longer than ten days may be suspended from college for the remainder of the semester. A fine of $2 per day may be imposed for failure to make payments of tuition, room, board, and general fee as required by the calendar of payments.

A plan providing for monthly payments at moderate cost is available through the Insured Tuition Payment Plan, 38 Newbury Street, Boston, Massachusetts 02116.

The treasurer cannot permit deferred payment of any portion of the charges due prior to registration, but may, at his discretion, grant partial extension for a brief period on the semester bill. Concerning college bills, students and parents must deal directly with the treasurer, as no other officer of the college has authority over their collection.

**REFUNDS**

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

To all other students, in case of voluntary withdrawal, refund may be made of the balance of a student’s account in excess of charges. Tuition and room rent is charged according to the following schedule:
During first two weeks of classes . . . 20% charged
During third week of classes . . . . 40% charged
During fourth week of classes . . . . 60% charged
During fifth week of classes . . . . 80% charged
Thereafter . . . . . . . . . . . . . . . 100% charged

Board is charged at the rate of $22 per full or partial week. No reduction is made for periods less than a full week. Whenever a student is required to withdraw because of unsatisfactory conduct or scholarship, no refund will be made other than for board.

**OVERPAYMENTS**

Credit balances on semester bill are ordinarily carried forward to the student's account for the following semester. After semester bills have been completed and mailed, requests for refund of credit balances will be honored promptly. Participants in tuition payment plans may make special arrangements for earlier refund at the office of the treasurer. Credit balances on the accounts of graduating seniors will be refunded automatically.

Refund is made directly to a student only upon written authorization, directed through the mails to the office of the treasurer, by the person responsible for payment of the account.

**FINANCIAL AID**

Financial aid in excess of $850,000 is distributed annually in scholarships, employment, and loans to students with demonstrated financial need. Need is determined by analysis of the *Parents' Confidential Statement*, the application for which should be filed annually with the Financial Aid Office before Spring Recess. The forms for Parents' Confidential Statements are designed and processed by the College Scholarship Service of Princeton, New Jersey. This service is used by most of the accredited colleges and universities of the country so that the financial contribution expected from the parents will vary little from one college to the next.
Financial aid at Colby, as at most similar institutions, is packaged in the form of: 1. *gift scholarship*, plus 2. *self-help*, consisting of low interest loans and/or work requiring no more than 10 hours a week. For freshmen the first $500 of need is met by self-help, the balance is gift scholarship. For the three upper classes the first $500 of need is self-help, plus $75 additional self-help for every $250 of remaining need. For example, a freshman with a need of $2,250 would receive $1,750 in gift scholarship and be asked to contribute $500 in self-help. On the other hand, an upperclassman with the same $2,250 need would be offered a scholarship of $1,225 and be asked to contribute $1,025 in self-help. Quite probably his self-help would consist of a campus job for about $400 and a low interest loan for $625. No student is asked to borrow more than $700 per year.

**Self-Help**

**Guaranteed Loan Program:** This program, sponsored by most eastern states and by the Federal Government, is intended to assist students from middle income families. These government insured loans carry 3% interest rates and lenient repayment schedules that begin 60 days after graduation from college. Many students will be asked to consider borrowing as much as $700 under this plan as a supplement to other college aid. Application is made through a bank or other lending institution in your home state.

**National Defense Student Loan:** This plan, intended to aid needy students, is administered by the college. Students whose aid package includes NDEA loans may sign the necessary papers in the office of the college treasurer prior to registration. NDSL have special features which are advantageous to the student planning a career in teaching, otherwise the terms are similar to the Guaranteed Loan Program. Because these federal funds are limited, relatively few Colby students are permitted to borrow under this program.
JOBS

Campus Jobs: A limited number of campus jobs are available to students receiving financial aid. No job requires more than 10 hours a week, but at a pay rate of $1.30 per hour a student can earn as much as $400 per school year. Ordinarily, the earnings are deducted from the school bill, but in some cases may be paid in cash. No freshman is required to hold a job but he may elect to do so in order to reduce the size of his loan. Upperclassmen, however, with gift scholarships in excess of $1,000 must work. Most working students are employed either as cafeteria workers, librarians, or receptionists in the dorms. They are to submit weekly time sheets signed by their supervisors.

Work Study Program: This is a program funded by the Federal Government but administered by the college. The rate of pay varies with the skill and experience of the employee but is never less than the minimum legal wage. A full time student may not work more than 10 hours a week while school is in session but may work up to 44 hours a week during vacations. Ordinarily, these are off-campus jobs with youth organizations, poverty programs, hospitals, and sanatoriums. The financial aid officer appoints eligible students to these jobs. Wages are paid in cash rather than deducted from the semester's bill, but are included in the financial aid package.

GIFT SCHOLARSHIPS

Over $450,000 is awarded annually as gift scholarship to Colby undergraduates. These funds are derived from interest from endowments, scholarship funds donated by alumni and friends, and funds from outside sources such as the Sloan Foundation, the Reader's Digest and the Travelli and Dana Scholarships. Most of these scholarships are administered by and awarded by the financial aid office and require no special application on the part of the student.

A few scholarships, however, are restricted. The Kling, for example, is limited to "needy male students of American colonial or Revolutionary ancestry. Applications for the
Kling Scholarship may be obtained from the financial aid office. It is also customary to grant remission of half tuition to the children of Baptist ministers, and there are funds available to students from certain geographical areas and from special ethnic groups.

**GENERAL REGULATIONS**

Financial aid is granted each semester and renewal is contingent upon continuing scholastic achievement, good citizenship, and financial need. Thus a student receiving aid during the fall semester will be continued on aid during the spring semester provided he remains eligible. To qualify for scholarship aid an applicant must have achieved the following minimum grade average.

<table>
<thead>
<tr>
<th></th>
<th>Fall Semester (for spring aid)</th>
<th>Spring Semester (for fall aid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td>1.8</td>
<td>2.0</td>
</tr>
<tr>
<td>Sophomores</td>
<td>2.0</td>
<td>2.2</td>
</tr>
<tr>
<td>Juniors</td>
<td>2.2</td>
<td>2.4</td>
</tr>
<tr>
<td>Seniors</td>
<td>2.4</td>
<td>—</td>
</tr>
</tbody>
</table>

Parents are asked to file a *Parents' Confidential Statement* each year prior to Spring Recess so that the students' grants may be adjusted to fit changing financial conditions at home. Filing of this form constitutes formal application for financial aid for the following academic year. All recipients are expected to report appreciable changes in their family circumstances as soon as they occur.

Students should report any scholarship or other award received from outside sources so that Colby aid can be adjusted.

Students receiving financial aid are not permitted to own or register motor vehicles. The philosophy behind this ruling is that students sufficiently affluent to support a vehicle, do not need financial aid from the college. This rule applies even though the student lives off campus and irrespective of whether he is married.
Financial aid may be withdrawn at any time because of changes in financial circumstances, academic or social probation, possession of a motor vehicle, or plagiarism.

Transfer students become eligible for financial aid at the beginning of their second semester at Colby.

Normally a student electing to study at another school, either in this country or abroad, for a semester or a year will not be eligible for financial aid from Colby while in absentia.

Some time before obtaining a degree, most Colby students become involved in making major decisions concerning career plans. They are invited to make use of the resources available to them in the office of career planning and placement. The director is prepared to discuss the various aspects of planning with all students who need assistance. The office library of information on graduate schools, jobs and social service is available throughout the year.

Seniors are urged to take advantage of the opportunity to have personal interviews with visiting representatives of graduate schools, business firms, government agencies and school systems between October and April each year. Personal files are established for seniors who register.
Student Life and Activities

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 values and 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, a visiting theologian, member of the faculty or a student.

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

In 1968 the topic of the convocation was Faith in a Secular Age. Colin W. Williams, professor of theology at the Divinity School of the University of Chicago, was the keynote speaker; other participants (aside from Colby students and faculty members) were Daniel Berrigan, S. J., theologian and poet, Cornell University, and three graduate students of theology at the University of Chicago.

In 1968 the Interfaith Association also sponsored four symposia in which outside speakers, students, and faculty engaged in week-long discussions; titles of the symposia were Black Power; The Generation Split; Fertility Control; and Science and Society.
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 a century and a half.

LECTURES

Throughout the year, lectures and concerts bring outstanding scholars, musicians, and artists to the campus. There are three lecture series — the Guy P. Gannett, Gabrielson and Ingraham — in addition to speakers invited by the Friends of Art at Colby, by student organizations, and by learned societies. The Gannett Lectures are devoted to general scholarly subjects; the Gabrielson Lectures, on certain Thursdays in the second semester, are concerned with national and international topics; the Nieman Fellows Forum are talks by young newsmen who are studying under Nieman grants at Harvard; the Ingraham Lectures are in philosophy and religion. There are also annual events: the Lovejoy Convocation, honoring prominent newspapermen (in 1968, Edwin A. Lahey, chief correspondent, Knight Newspapers); Recognition Assembly; and Religious Convocation.


MUSIC

Musical organizations which offer opportunities in serious vocal and instrumental music are the Colby Community Symphony Orchestra, the glee club, chapel choir, band, brass choir, and student-inspired ensembles. These are under faculty direction and carry academic credits.
There are also informal groups for those interested in lighter vocal music: the Colby Eight (men), the Colbyettes (women), and the Colby Folk Song Society. Recitals are presented on the Walcker organ in Lorimer Chapel.

Concerts are given by Colby's own musical groups as well as visiting performers. The Colby Music Associates offer an annual series which, in the past year, consisted of performances by Donald Gramm, Oscar Ghiglia, and Music from Marlboro.

The college also sponsored pianists Claire and William Dale, Gretchen Anthony, Soulima Stravinsky and soprano Freda Grey-Masse. The orchestra glee club and Waterville Area Community Chorus, in their annual combined concert, presented Bruckner's *Mass in E minor*, Stravinsky's *Symphony of Psalms*, and Gabrieli's *Jubilate Deo*. The chapel choir joined the modern dance club in a presentation of Benjamin Britten's *A Ceremony of Carols* and the Colby Community Orchestra presented two concerts with guest soloists: Linda Jones, soprano, and Thomas Richner, organist and pianist.

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

The Friends of Art at Colby, organized in 1959, make substantial contributions to the overall art program throughout the year. The organization has been instrumental in gaining acquisitions for the permanent collection.
Among the 1967-68 exhibitions were: *American Arts of the 18th Century; Roderic H. D. Henderson Collection; Creative Crafts; The Arts of China and Japan; Student Works;* and *Selections from the Permanent Collection.*

**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. In addition, several plays written and produced by students are presented each year. History of drama courses are offered by the English department. The 1967-68 Powder and Wig repertoire included: *Marat/Sade* (Weiss) and *Cyrano de Bergerac* (Rostand).

Plays, films, dance, and music are also presented by *Eidos,* an entirely student-run organization.

**SPEECH AND DEBATE**

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

**FILM**

A film society, Film Direction, formed in 1962 by students and faculty, brings to the campus films of high quality in various film genres; 1967-68 showings were: *Wild Strawberries, Crime and Punishment, Jules and Jim, The Bailiff, I Vitellone, La Dolce Vita, Juliet of the Spirits, Twice a Man, Ordet, The Brig,* and *Devi,* and a two-night showing of short experimental films. In addition are regular movie showings by Sunday Cinema and films brought by the various departments, including, in 1967, anthropological
films, a number of foreign language films, and *The War Game* (sponsored by Student Government).

**FRATERNITIES AND SORORITIES**

Colby recognizes the fraternity system as a cooperative feature of campus life. There are chapters of ten national fraternities, three national sororities, and one local sorority. Eight 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 two fraternities whose houses are still to be built are quartered in dormitories. Sororities do not have houses, but each chapter has a room in Runnals Union.

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

The board of trustees requires that fraternities and sororities be able to 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 47), others are academic 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 (Romance language) and Sigma Pi Sigma (physics); and the Forensic Society, John Marshall Society, Society of Social

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

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.

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**GENERAL REGULATIONS**

Rules concerning student residence, organizations, social activities and intercollegiate athletics are published in the *Student Government Handbook*. All students are held responsible for knowledge of these regulations as well as for those in the annual catalogue.

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

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**ATTENDANCE**

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

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

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

i. Those confined to the college infirmary or hospital because of illness or surgery.

ii. Students treated by the medical staff at the dispensary, infirmary, or hospital.

iii. Students visited by the college physician in dormitories or other places of residence.

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

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

d. Absences caused by exclusion from classes because of nonpayment of college bills are treated in the same manner as other absences, except that the dean of students has the authority to issue an official excuse when convinced that no fault lies with the student.

e. No student on academic probation may be excused from any class because of extracurricular or athletic activities.

**BEHAVIOR** Responsibility for behavior is borne by the individual. This is true of all phases of campus life, including academic integrity, relationships between students, adherence to college regulations, and use of alcoholic beverages.
Colby College does not encourage 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 disciplinary action up to and including expulsion.

The Maine State Law has provisions which makes 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. Violators of the laws cannot expect the college to provide them with immunity from prosecution.

We expect students to conduct themselves—in drinking as in other matters—as mature and responsible human beings.

With regard to drugs: Colby does not tolerate violation of State and Federal laws, nor does it tolerate unauthorized experimentation by its students with drugs.

AUTOMOBILES  The use of automobiles at the college is not permitted to freshmen nor to students who are on academic probation or scholarship. Sophomores are permitted use of automobiles when their academic standing has been acknowledged as superior by the dean of students. All motor vehicles used at the college by students or staff must be registered at the office of the superintendent of buildings and grounds. Failure to register a vehicle, or failure to comply with the college's traffic regulations, may lead to a fine or other penalty. A more extensive statement is to be found in the Student Government Handbook.

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 students.
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II DIVISIONS, DEPARTMENTS, AND COURSES OF STUDY

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Divisions, Departments, and Courses of Study

The courses are offered within five divisions as follows:

DIVISION OF HUMANITIES

Divisional courses in humanities and courses in the following departments: Art; Classics, including classics in English translation, Greek, and Latin; English; Modern Foreign Languages, including French, German, Italian (in English translation), Japanese, 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 AEROSPACE STUDIES

Courses in Aerospace Studies.

DIVISION OF PHYSICAL EDUCATION AND ATHLETICS

Courses in Physical Education.

In the departmental statements below, members of the active faculty for the academic year 1968-69 are listed.
Division of Humanities

Chairman, ASSOCIATE PROFESSOR GORDON SMITH

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

Requirements for the major in classics-English

In English: 211, 212 or 214; 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, subject to departmental approval.

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

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

ART

Chairman, PROFESSOR CARPENTER

Professor Carpenter; Associate Professor Miller; Assistant Professor Meader; Miss Matthews.

Requirements for the major in art

Art 121, 122, 221, 411; at least two semester courses chosen from 252 (or 271), 311, 312, 314, 318, 353; additional courses in art to bring the total to nine semester courses; two semester courses in ancient or European history, or one semester each of history and music.

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

CLASSICS

Chairman, ASSOCIATE PROFESSOR WESTERVelt

Professor Howard; Associate Professor Westervelt; Assistant Professor D. Koonce; and Mrs. Hogendorn.

Requirements for the major in classics

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

1 On leave, second semester 1968-69
2 Second semester only
Requirements for the major in Greek

Four years of Greek and Ancient History 261, 262. Two further semesters of history may be substituted for one year of language.

Requirements for the major in Latin

Four years of Latin above 122 and Ancient History 261, 262. Two further semesters of ancient history may be substituted for one year of language.

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

Chairman, Professor Benbow
Professors Chapman, Strider, Alice Comparetti, Benbow and Cary; Associate Professors Sutherland, MacKay, Suss, Witham, and Curran; Assistant Professors Wees, Koonce, Brancaccio, Mizner; Norford, Sweney, Russ and E. Kenney; Mr. Spiegelberg, Mr. Knatz, Mr. Meek, Mrs. Pestana, Mr. Hunt, and Mrs. S. Kenney.

Requirements for the major in literature in English

English 211, 212 or 214; English 421-422; and six additional semester courses in English numbered 300 or above, one of which must be in English literature before 1800, one in literature after 1800. English 121, 122, 131, 253, 374, 378, 391 and 393 do not count toward fulfillment of major requirements. In addition each student must elect two semester courses in history; or in the history of philosophy, music, or art; or literature in a foreign language. These courses are not computed in establishing the major average.

Requirements for honors program in literature in English

Beginning with the class of 1969, students may apply for admission to the honors program at the end of the sophomore year. Students in the honors program substitute English 394 and 495 (honors seminars) for two of the regular major offerings. In addition, in the second semester of the senior year they must submit an honors essay and pass an honors examination which will be based on a supplemental reading program and which will include the Graduate Record Examination in literature. Honors will be awarded to those students who attain honors on essay and examination, and who achieve a 3.1 average in major courses by the end of the senior year.

1 On leave, 1968-69
2 Part-time
Attention is invited to the combined *classics-English major* (page 58). A non-credit course in remedial English is offered for those students referred to it from upper classes.

<table>
<thead>
<tr>
<th>MODERN FOREIGN LANGUAGES</th>
<th>Chairman, PROFESSOR BUNDY</th>
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<tr>
<td>Professors Bundy, Kellenberger, and Holland; Associate Professors G. Smith, P. Bither, Biron, Schmidt, and Kempers; Assistant Professors Cauz, Kueter, F. Pérez, and Ferguson; Mrs. Doel, Mrs. Kerkham, Miss Misrahi, Mr. Smith, Mr. Stewart, Mrs. Mursin, and Mrs. Ferguson.</td>
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*Placement Test:* If a student offers a foreign language for entrance credit and wishes to continue it in college, he must either have taken the CEEB Achievement Test in that language or make arrangements to take a placement test during Freshman Week.

*Note:* In addition to the following major programs, the department also offers instruction in Japanese, Portuguese, and Italian literature in translation. Work can be done in some of the less commonly taught languages through the college's participation in the Princeton University Cooperative Undergraduate Program for Critical Languages.

*Requirements for the major in French*  
French 125, 126 and eight semester courses numbered 200 or above, with the exception of 211d or 411. A student desiring certification for teaching French must take French 411 and may be required to take French 412.

*Requirements for the major in German*  
German 215, 216 (or German 107-108) and six semester courses at the 300- or 400-level; or equivalent.

*Requirements for the major in Russian*  
Eight semester courses beyond Russian 103-104. Freshmen who take Russian 101-102 and plan to major in the language are urged to take the equivalent of Russian 103-104 during the summer so that they can take Russian 225, 226 in their sophomore year. The following supporting courses are strongly recommended: History 341, 342.

1 On leave, 1968-69
Requirements for the major in Spanish
Spanish 125, 126 or 141, 142; 257, 258, 321, 322, 351, 352, 355, 356; or equivalent. Spanish 491, 492 may be substituted for one 300-level course. A student desiring certification for teaching Spanish must take Spanish 411.

The point scale for retention of any major within the department is based on courses in the major language only.

Music
Chairman, Professor E. Comparetti
Professors E. Comparetti and Ré; Assistant Professor Heinrich; Mrs. Reuman1.

Requirements for the major in Music
Music 101-102, 121, 122, 211, 212, 305-306 and either 301-302 or 215 and 312; and either French 103-104 or German 103-104. Students planning graduate work in musicology should elect both languages. Some skill at the keyboard is required of all majors.

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

Division of Social Sciences
Chairman, Associate Professor Weissberg

Opportunity is offered for concentration in three interdepartmental majors: American civilization, East Asian studies and philosophy-mathematics.

Requirements for the major in American civilization
(Adviser: Mr. Bridgman)
Six semester courses in American history; two semester courses in American government and politics; either Philosophy 351 or Religion 312; four semester courses in American literature, exclusive of English 367, 368; and three additional semesters of American studies.

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

In the Division of Social Science generally all courses carry three credit hours. There are a few exceptions: in the Psychology Department and Philosophy Department. Students should consult the course descriptions to ascertain the exceptions.

1 Part-time
Requirements for the major in East Asian Studies
(Advisers: Mr. Elison and Mr. Mavrinac)
Japanese 101-102, 103-104, and 221, 222 or 241, 242; Government 365, 366, Government 412 or History 414; History 221, 222, 363, 364, and 359 or Art EA; Religion 311, 312 or 311 and Philosophy 355 or 356.

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

Requirements for the major in philosophy-mathematics
(Advisers: Mr. Clark and Mr. Combellack)
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, PROFESSOR W. ZUKOWSKI
Professors Williams and W. Zukowski; Assistant Professor Knight and Mr. Landsman.

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, or any additional courses in business administration.

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

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

ECONOMICS
Chairman, PROFESSOR PULLEN
Professor Pullen; Assistant Professors Brown, Gemery¹ and Hogendoorn; Mr. Cox and Mr. Dunlevy.

Requirements for the major in economics
Economics 241, 242, and eight additional semester courses in

¹On leave, 1968-69
economics, including Economics 412. Also required is a satisfactory percentile rating in the Graduate Record Examination in Advanced Economics, given in the spring of the senior year. Business administration 221, 222 or 321, 322 may be substituted for two of the eight semester courses in advanced economics required for the major.

Students who wish to be recommended for graduate work in economics are urged to elect Economics 331, 336, 341, 342, 411, and either 413 or 414. In addition, they should have college mathematics through calculus, and a working knowledge of elementary statistics. If a student intends to be a candidate for the Ph.D. degree, he should also acquire a reading knowledge of French and German.

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

**Chairman, ASSOCIATE PROFESSOR GILLESPIE**

Associate Professors Perez, Gillespie, and Jacobson, Assistant Professors Carroll, Kenyon and Perry.

Education 313, 314, 431 and Psychology 321, 322 meet the requirements of the Maine State Department of Education for the provisional certificate.

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

**Requirements for the major in Psychology**

Students majoring in psychology will typically elect the following courses or their equivalent: (a) two semesters each in mathematics and biology, which serve as appropriate fulfillment of the college science requirement; (b) Psychology 241, 242, 341, or 494, 381, 382, and 451; (c) two additional semester courses, approved by the department, in psychology, mathematics, biology, sociology, or philosophy.

Students wishing to be recommended for graduate study will normally be expected to include Mathematics 241, 242 in their programs.

1 On leave, second semester 1968-69
The point scale for continuation in the major applies to the required courses in psychology listed under (b) above.

HISTORY AND GOVERNMENT

Chairman, Professor Mavrinac
Professors Mavrinac and Gillum; Associate Professors Raymond, Weissberg and Berschneider; Assistant Professors Bridgman¹ and Elison¹; Mr. Jacobs, Mr. Makinen and Mr. Pan.

The department offers majors both in government and in history. Attention is also invited to the opportunity for majoring in American civilization, or in East Asian Studies, each an interdepartmental program (see pages 61 and 62, respectively).

Requirements for the major in government
For students in the class of 1969 and subsequent classes: ten semester courses in government. Students are expected to take at least one semester course in government numbered in the 400's.

Requirements for the major in history
For students in the class of 1969 and subsequent classes: ten semester courses in history and two semester courses in government. One of the required semester courses in history must be numbered in the 400's.

In the case of both majors, the point scale for retention of the major applies to all courses taken in the major subject and to such other courses as are required by the major.

PHILOSOPHY AND RELIGION

Chairman, Professor Clark
Professor Clark²; Visiting Professor Saksera; Associate Professors Reuman and Todrank; Assistant Professors Y. Hudson, F. Hudson, and Peters; Mr. Thorwaldsen.

Requirements for the major in philosophy
Philosophy 112 (unless waived by permission of the department): 211, 212, 316, 331, 332, 353, 432 and two additional semester courses in philosophy. Social Science 121, 122 may, with consent of the department, be substituted for two of the latter.

Requirements for the major in philosophy and religion
Religion 111, 223, 224, 311; Religion 316 or Philosophy 372; Philosophy 211, 331, 332, 354, and 432.

¹ On leave, second semester 1968-69
² On leave, first semester 1968-69
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 classics-philosophy (pages 62 and 58).

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

Chairman, Professor Birge
Professor Birge; Associate Professor Geib; Assistant Professors Doel and Rosenthal; Mrs. Brown.

Requirements for the major in sociology
Sociology 221, 222, and eight additional semester courses in sociology, including Sociology 411, 412; Economics 241, 242; and two semester courses in history.

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

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

Division of Natural Sciences
Chairman, Professor MacEhemer
The division offers combined majors in geology-biology, geology-chemistry and physics-mathematics. The object is to provide a broad integration of classical geology with life-sciences generally or with aspects of chemistry, mathematics, and physics underlying modern advances in geological science.

Requirements for the major in geology-biology
(Advisers: Mr. Koons and Mr. Scott)
In geology: One of the year-sequences 121, 122; 141, 142; or 161, 162 and 212; plus three additional semester courses as approved.
In biology: Six semester-courses including 121e, 122 or 111, 114 and 211, 212 or 271, as approved. Chemistry 141e, 142 and Mathematics through 112d are required also.
The point scale for retention of the major applies to all courses in geology and biology.

Requirements for the major in geology-chemistry
(Advisers: Mr. Allen and Mr. Machemer)
Freshman year: Mathematics 111, 112d, or for qualified students, Mathematics 112d, 211d, Chemistry 141e, 142.
Sophomore year: Mathematics 211d, 212d, 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 341, 342; Geology 241, 242.
Senior year: Chemistry 331, 332; 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.

Requirements for the major in physics-mathematics
(Advisers: Mr. Bancroft and Mr. Combellack)
In physics: 141, 142, plus four additional semester courses as approved.
In mathematics: 112d, 113d, 211d, 212d, 311d, plus one additional semester course as approved.

Note: All physics courses have prerequisites or corequisites in mathematics. If advanced placement or credit is given in either department, additional courses must be selected from that department to a total of 18 credit hours or more.

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

As one of the co-operating colleges of New England, Colby has access to the facilities of the Computation Center at Massachusetts Institute of Technology. Instruction in modern computational methods is available to properly qualified students.

Chairman, Professor Scott
Professors Scott and Terry; Associate Professors Easton and Davis; Assistant Professor Quillin; Mr. Fowles.

Requirements for the major in biology
Mathematics through 112d; Chemistry 141, 142; four years of biology including 111, 114, 271, 272 and one additional year of science. Biology 111, 114, 271 and 272 constitute a core program, and are normally prerequisite to all other biology
courses. With special permission of the department a student may arrange to take certain higher numbered courses with Biology 271, 272. The inclusion of geology is advised for majors preparing for teaching or for work in the field aspects of biology. Students preparing for graduate study in the biological sciences, including those planning to enter dental, medical or veterinary schools, must take physics and organic chemistry. It should be noted that requirements for the Ph.D. degree in areas of biological science include a reading knowledge of two modern foreign languages.

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

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

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

Attention is called to the combined geology-biology major (page 65).

Chairman, Professor Reid
Professors Reid and Machemer; Associate Professor Ray; Assistant Professors Maier and Smith.

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

Requirements for the basic major in chemistry
Chemistry 141e, 142; 241e, 242; 331; 341, 342; Mathematics 111, 112d, or for qualified students Mathematics 112d, 211d; Physics 141, 142. Other courses or substitutions best suitting the needs of the student should be selected in consultation with the chairman of the chemistry department.

Requirements for the A.C.S. accredited major in chemistry
Required courses (subject to minor change by permission of the chairman of the chemistry department):
Freshman year: Chemistry 141e, 142; Mathematics 111, 112d, or for qualified students Mathematics 112d, 211d; German 101-102; or Russian 101-102.

Sophomore year: Chemistry 241e, 242; Mathematics 211d, 212d, or for qualified students 212d, and another mathematics course chosen in consultation with the adviser; Physics 141, 142; German 103-104; or Russian 103-104.

Junior year: Chemistry 331, 332; Chemistry 341, 342.

Senior year: Chemistry 411, 431. Two other semester courses may be taken as electives.

An additional language and a second course in physics are highly recommended.

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

Attention is called to the combined geology-chemistry major (page 66).

* All prospective chemistry majors should meet with the chairman as early as possible during the freshman year in order to plan the full chemistry program.

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Chairsman, PROFESSOR KOONS

Professor Koons; Assistant Professors Coleman and Pestana; Mr. Allen and Mr. Smith.

Requirements for the major in Geology

Geology 121, 122 or 141, 142, or 161, 162; 211, 212; 241, 242; 311, 312; 352; Mathematics 112d; Chemistry 141, 142.

Students planning to teach in the secondary schools may select the Earth Science Option; the requirements are: Geology 141, 142; 192; 211, 212; 221, 222; 251; Chemistry 141; Astronomy 103-104.

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 two foreign languages.

Attention is also called to the combined geology-chemistry and geology-biology majors (pages 66 and 65, respectively).

1 On leave, second semester 1968-69
MATHEMATICS

Chairman, PROFESSOR COMBELLACK

Professor Combellack; Associate Professor Lucille Zukowski; Assistant Professors Hayslett¹, Junghans and Small; Mr. Fuglistier and Mr. Knox.

Requirements for the major in mathematics
Mathematics 112d, 211d, 212d, 311d; 312 or 381; 361, 362, 421, 422, 423; 432; (and 113d, effective with the class of 1972).

The point scale for retention of the major applies to all courses taken in the department above 111.

Attention is invited to the combined major in philosophy-mathematics and physics-mathematics (pages 62 and 66).

PHYSICS AND ASTRONOMY

Chairman, PROFESSOR BANCROFT

Professor Bancroft; Associate Professor Dudley; Assistant Professor Metz; Mr. Davies.

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

It is advisable to take Physics 141, 142 and a mathematics course in the freshman year. A major in physics requires completion of mathematics courses through Mathematics 312, Chemistry 141, 142 and eight courses in Physics, including Physics 141, 142 and Physics 421, 422.

Students seeking advanced standing in physics should consult the chairman of the department before electing courses.

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.

Attention is also called to the combined major physics-mathematics (page 66).

¹ On leave, 1968-69
Division of Aerospace Studies

Chairman, Assistant Professor Mills†
Assistant Professors Mills (Major) and Hennessy (Captain); and
Captain Hilinski.
Eligible students may qualify for a commission as an Air Force
Officer by completing the Senior Air Force ROTC program.
Either a two-year or a four-year program may be selected.

The traditional four-year program requires the student to
pursue the General Military Course of Aerospace Studies during
his freshman and sophomore years. Upon completion of
the first two years of Air Force ROTC, qualified students enroll
in the Professional Officer Course for their junior and senior
years. A four week field training course is held during one
summer at an Air Force Base.

Students may qualify for the two-year Professional Officer
Course by completing the Officer Qualifying Test and attend­
ing a six-week summer field training course at an Air Force
Base in the summer between the sophomore and junior year.
Students apply for this two-year program during the first
semester of their sophomore year.
† Designated Professor of Aerospace Studies.

Division of Physical Education
and Athletics

Chairman, ASSOCIATE PROFESSOR WINKIN
Associate Professors Winkin, and Mrs. M. Bither; Assistant
Professors Ullom, McFerren, McGee; Mr. Burke, Mr. Scholz,
Mr. Wotruba, Mr. Greene, Mr. Lathrop and Miss Barry.

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 com­
petition in individual and team sports, in leisure-time carry-
over activities, and in a program of physical fitness — is re­
quired of all freshmen.
Physical Education 3, 4 provides a similar program and is required of all sophomores.

A semester's work failed in the first two years must be repeated in the junior year. Selection of physical education sections must be made at the time of the regular academic course elections. Prescribed clothing, 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, squash, handball, swimming, softball and tennis. As new interests develop the program will be increased.

The indoor Harold Alfond Arena provides artificial ice for skating. The college operates a ski area with a 1200-foot T-bar lift and a 32 meter jump convenient to the campus.

All freshmen and sophomores are required to attend classes equivalent to three hours per week. Each year is divided into four seasons and during the freshman year each student must elect one season each of swimming, dance, and an individual sport. Free elections in the sophomore year should provide an opportunity to become proficient in at least one leisure time activity. Beginning, intermediate, and advanced levels of instruction are offered. Complete posture examination and physical fitness tests are given to freshmen.

The department cooperates with the Women's Athletic Association in carrying on activities throughout the year. There is a limited intercollegiate program in some areas sponsored by this group. The Modern Dance Club provides opportunity for those interested in dance. A Red Cross Water Safety Instructors' course is given. There is skiing instruction on a credit and voluntary basis at the ski area. Figure skating instruction is provided in women's classes at the Alfond Arena.

Juniors and seniors may participate in physical education activities when space permits.
All participation is subject to the approval of the college physician.

Seasonal offerings from which election may be made include: fall: archery, field hockey, golf, tennis, riding, swimming, track and field, and modern dance; winter: badminton, balance beam and free exercise, basketball, folk, square and modern dance, fencing, swimming, volleyball, skating, skiing, riding, squash, and body mechanics; spring: archery, golf, lacrosse, softball, tennis, swimming, riding, and modern dance.

Athletic teams, varsity and freshman, include baseball, basketball, football, hockey, track, cross country, golf, tennis, skiing, and soccer. All coaches are members of the faculty in the department of physical education and athletics. Colby is a member of the National Collegiate Athletic Association and the Eastern Colleges Athletic Conference.

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

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

Summer School of Languages

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

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

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

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

Literature about the school is available from the director.
Summer and Special Programs

Recognizing the diversity of educational interests existing in every community, Colby College maintains a division of summer and special programs with a full-time director.

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

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

Information may be obtained by writing to John B. Simpson, director.
Courses of Study

Each course is known by a title and also, for convenience of reference and ease in record-keeping, by subject and number. *American Art* is also *Art 271*.

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 271* 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 7, 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 1968-69.

* An asterisk indicates that the course will probably not be offered in 1969-70.

† A dagger indicates that the course will probably be offered in 1969-70.

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

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

*Credit hours shown are per semester unless otherwise noted.*
Aerospace Studies

132
World Military Systems
MR. MILLS

A study and analysis of the purpose and causes of war and the factors and instruments of national power. The military instrument of the United States is examined in detail including a broad view of the Department of Defense and the three military services. The study concludes with an investigation of the sources of conflict in the world today and an assessment of the progress and prospect for peace. *Three credit hours.*

224a
Aerospace Studies Staff

For successful completion of the first two years of Air Force ROTC, including participation in leadership laboratory and required scholastic activities, a student may receive credit for three credit hours. If this credit is applied toward graduation, payment must be made on the established, per 3 credit hour basis.

321, 322
Aerospace Studies
MR. HENNESSY

Aerospace Studies 321, 322, Growth and Development of Aerospace Power is a survey course dealing with the development of airpower in the United States, aerospace power today, astronautics and space operations, and probable future developments in manned aircraft and space operations. It also includes a brief study of the communicative skills needed by junior officers.

Leadership Laboratory (both semesters): Assumption of responsibilities for cadet corps activities under the leadership of senior cadets. *Three credit hours.*

421, 422
Aerospace Studies
MR. MILLS

Aerospace Studies 421, 422, The Professional Officer, is a study of Air Force leadership, including its theoretical, professional, and legal aspects; and a study of military management functions, principles, and techniques.

Leadership Laboratory (both semesters): Command and operational responsibilities under supervision of the military faculty. *Three credit hours.*
Ancient History
IN THE DEPARTMENT OF CLASSICS

261, 262
HISTORY OF THE ANcient WORLD
MRS. KOONCE

An introduction to the classical world through a political and institutional analysis of ancient life. First semester: Roman history, from the early Italian civilizations to the Roman Empire; second semester: the social and political history of Greece from the Minoan and Mycenaean civilizations through the reign of Alexander.

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

352
PROBLEMS IN GREEK HISTORY
MRS. KOONCE

Athens in the fifth century.

Prerequisite: Ancient History 261. Three credit hours.

†[354]
PROBLEMS IN ROMAN HISTORY

Early Italian civilizations.

Prerequisite: Ancient History 262. Three credit hours.

Art

121, 122
INTRODUCTION TO ART
STAFF

First semester: an analytical approach to the visual arts and the historical development of European art through the Middle Ages. Second semester: the history of art from the Renaissance to the present. Three credit hours.

221, 222
BASIC DESIGN
MR. MEADER
MISS MATTHEWS

Principles of design, explored in both two and three dimensions utilizing various media. Three credit hours.

241, 242
INTRODUCTION TO DRAWING
MR. MEADER
MISS MATTHEWS

Exploration of graphic media while learning basic representational and expressive means. Much emphasis is placed on out-of-class drawing. Three credit hours.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>252</td>
<td>Architecture</td>
<td>Mr. Miller</td>
<td>Architectural styles with emphasis on modern developments. Course work includes problems in architectural design and the making of models of historical buildings. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>271</td>
<td>American Art</td>
<td>Mr. Miller</td>
<td>Architecture, sculpture and painting from colonial times to the present. Lectures and problems make use of the original material in the Colby collections. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>†[311]</td>
<td>Art of the Renaissance in Northern Europe</td>
<td></td>
<td>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. <strong>Prerequisite:</strong> Art 121, 122 or permission of the instructor. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>*312</td>
<td>Art of the Renaissance in Italy</td>
<td>Mr. Miller</td>
<td>The art of the fifteenth and sixteenth centuries in Italy, with emphasis on the major painters and sculptors. <strong>Prerequisite:</strong> Art 121, 122 or permission of the instructor. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>†[314]</td>
<td>Venetian and Baroque Art</td>
<td></td>
<td>The art of the sixteenth to eighteenth centuries, with emphasis on the major painters. <strong>Prerequisite:</strong> Art 121, 122 or permission of the instructor. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>318</td>
<td>European Art Since 1800</td>
<td>Mr. Carpenter</td>
<td>Emphasis on French painting of the nineteenth and twentieth centuries. <strong>Prerequisite:</strong> Art 121, 122 or permission of the instructor. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>331d</td>
<td>Studio Work: Painting</td>
<td>Mr. Meader</td>
<td>Oils and other media as vehicles for fully formed original expressions. Offered each semester. <strong>Prerequisite:</strong> Art 211, or 221, 232 or 241, permission of instructor. <strong>Three credit hours.</strong></td>
</tr>
<tr>
<td>335d</td>
<td>Studio Work: Sculpture</td>
<td>Miss Matthews</td>
<td>Work in several sculptural media with emphasis on expressive means. <strong>Prerequisite:</strong> Art 211, or 221, 232 or 241, permission of instructor. <strong>Three credit hours.</strong></td>
</tr>
</tbody>
</table>
858
**The Graphic Arts**
Mr. Carpenter
With occasional lectures by Mr. Gourley

History and criticism of drawing and print-making with emphasis on European Art since the Renaissance.

*Prerequisite:* Art 121, 122 or permission of the instructor.

*Three credit hours.*

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371d
**Advanced Studio Work:**
Painting
Mr. Meader

Offered each semester.

*Prerequisite:* Art 331d and permission of the instructor.

*Three credit hours.*

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375d
**Advanced Studio Work:**
Sculpture
Miss Matthews

A continuation of Art 335d.

*Prerequisite:* Art 335d and permission of the instructor.

*Three credit hours.*

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411
**Seminar in Art Criticism**
Mr. Carpenter

Primarily for senior art majors. Practice in employing critical method, reading, and discussion of various approaches to art criticism are directed toward study of the present state of knowledge in this field. *Three credit hours.*

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491, 492
**Special Problems**
Staff

Individual study of special problems in the practice, history or theory of the visual arts.

*Prerequisite:* Permission of the instructor.

*Three credit hours.*

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**Astronomy**

*In the Department of Physics and Astronomy*

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101, 102
**Descriptive Astronomy I**
Mr. Davies

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. *Three credit hours.*

---

103, 104
**Descriptive Astronomy II**
Mr. Davies

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. *Four credit hours.*
Biology

111
ENVIRONMENTAL BIOLOGY AND INHERITANCE
STAFF

Part I: Major world eco-systems; energy, food and cycling of minerals; populations. Part II: Mendelian genetic principles and their physical basis, and the elements of population genetics.

Except with special permission, this course is prerequisite to all other courses in the department. Four credit hours.

112
ORGANIC EVOLUTION
STAFF

A consideration of the structure and associated functional aspects of animals and plants, with emphasis on the evolutionary process.

A course for non-science majors.

Prerequisite: Biology 111 or equivalent. Four credit hours.

113d
ORGANIC EVOLUTIONARY THEORY
MR. QUILLIN

The evidences of evolution and the theories that have been proposed to account for it. The impact of the works of Charles Darwin will be considered with emphasis on post-Darwinian biological thought.

A non-laboratory course for freshman non-science majors. Student may not take this course and Biology 112.

Three credit hours.

114
VERTEBRATE BIOLOGY: DEVELOPMENT, ANATOMY, AND ORGAN PHYSIOLOGY
STAFF

An introduction to the comparative anatomy and embryology of the vertebrates.

Prerequisite: Biology 111 or equivalent. Four credit hours.

271
INVERTEBRATE AND PLANT BIOLOGY
STAFF

Part I: Evolution, morphology, and other studies of the invertebrate phyla; lecture, field and laboratory. Part II: Introductory survey of the plant kingdom, including life cycles and evolutionary relationships; microscopic anatomy of the higher plants; lecture and laboratory.

Prerequisite: Biology 111 or equivalent. Four credit hours.

272
CELL BIOLOGY
STAFF

Cellular and associated molecular biology. Laboratory will involve microscopic study of cells and investigation of pertinent physico-chemical phenomena.

Prerequisite: Biology 271 or equivalent, and Chemistry 141, 142 (may be taken concurrently). Four credit hours.
<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>311 Field and Systematic Botany</td>
<td>Mr. Fowles</td>
<td>Plant variation and evolution, illustrating the diversity of problems investigated by plant systematists and the variety of techniques used in studying these problems. A plant collection is required. Four credit hours.</td>
</tr>
<tr>
<td>312 Genetics</td>
<td>Mr. Scott</td>
<td>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. Four credit hours.</td>
</tr>
<tr>
<td>313 Invertebrate Zoology</td>
<td>Mr. Easton</td>
<td>The morphology, physiology and classification of the invertebrates in lecture and in laboratory. The first few weeks of the semester are spent largely in the field, gaining familiarity with invertebrate fauna and preparing collections. Four credit hours.</td>
</tr>
<tr>
<td>314 Plant Metabolism, Growth and Behavior</td>
<td>Mr. Fowles</td>
<td>The essential mechanism of plant growth and development; photosynthesis, trans-location and enzymology will be studied. Four credit hours.</td>
</tr>
<tr>
<td>315 Physiology</td>
<td>Mr. Terry</td>
<td>An introduction of the physiological processes, including enzyme action, respiration, permeability, muscular contraction, nervous and hormonal coordination. Four credit hours.</td>
</tr>
<tr>
<td>316 Ecology</td>
<td>Mr. Davis</td>
<td>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. Four credit hours.</td>
</tr>
<tr>
<td>317 Histology and Histological Technique</td>
<td>Mr. Quillin</td>
<td>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. Four credit hours.</td>
</tr>
<tr>
<td>318 Microbiology</td>
<td>Mr. Terry</td>
<td>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. Four credit hours.</td>
</tr>
</tbody>
</table>


### Embryology

**[331] Embryology**

Animal development with emphasis on experimental analysis. *Four credit hours.*

### Chordate Evolution

**[333] Chordate Evolution**

Origin of vertebrate form through consideration of homologies in extinct and living organisms. The laboratory will consist of examination and dissection of representative higher invertebrates and non-mammalian vertebrates. *Four credit hours.*

**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. *Four credit hours.*

All courses at the 300-level have as prerequisite: Biology 272 or permission of the department.

### Business Administration

**221e, 222 Principles of Accounting**

**Mrs. Knight**

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. *Three credit hours.*

**321, 322 Finance**

**Mr. Zukowski**

An analytically structured approach to decision-making in the financial area. Money and capital markets are considered.

*Prerequisites:* Business Administration 221, 222 and Economics 241, 242 or special permission. *Three credit hours.*

**341, 342 Advanced Accounting**

**Mr. Zukowski and Mrs. Knight**

Advanced study of accounting theory with stress on analytical interpretative, and managerial aspects of the subject. Concepts relating to major current accounting questions are examined.

*Prerequisite:* Business Administration 221e, 222. *Three credit hours.*

**343, 344 Marketing**

**Mr. Landsman**

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. *Three credit hours.*
### Business Administration, Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>353</td>
<td>Managerial Economics (Course 354)</td>
<td>Mr. Zukowski</td>
</tr>
<tr>
<td></td>
<td>The business decision-making process examined in an economic context.</td>
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<tr>
<td></td>
<td><strong>Prerequisites:</strong> Business Administration 221, 222 and Economics 241, 242 or special permission. <strong>Three credit hours.</strong></td>
<td></td>
</tr>
<tr>
<td>354</td>
<td>Law</td>
<td>Mr. Landsman</td>
</tr>
<tr>
<td></td>
<td>A study of those processes of law which underlie business relationships. <strong>Three credit hours.</strong></td>
<td></td>
</tr>
<tr>
<td>411</td>
<td>The Consumer in Society</td>
<td>Mrs. Knight</td>
</tr>
<tr>
<td></td>
<td>Consumer behavior is examined within the framework of the financial and social institutions which comprise our complex society. Emphasis is given to those aspects related to financial goals, alternatives and decisions. <strong>Three credit hours.</strong></td>
<td></td>
</tr>
<tr>
<td>412</td>
<td>Investments</td>
<td>Mr. Williams</td>
</tr>
<tr>
<td></td>
<td>The principles of investment, with special attention to investment analysis, the investment process, and criteria for investment decisions. <strong>Prerequisites:</strong> Business Administration 221, 222, 321, 322. <strong>Three credit hours.</strong></td>
<td></td>
</tr>
<tr>
<td>413</td>
<td>Organizational Behavior</td>
<td>Staff</td>
</tr>
<tr>
<td></td>
<td>This course utilizes an historical and sociological orientation as it examines the existing empirical data and theoretical concepts dealing with the behavior of people in business and other organizations. <strong>Prerequisites:</strong> Sociology 221, 222 or special permission of instructor. <strong>Three credit hours.</strong> <strong>Note:</strong> This course may be offered cooperatively with Sociology 393. A student may not receive credit for both Business Administration 413 and Sociology 393.</td>
<td></td>
</tr>
<tr>
<td>414</td>
<td>Special Topics</td>
<td>Mr. Zukowski</td>
</tr>
<tr>
<td></td>
<td>Topics concerned with the broad administrative spectrum. Choice depends upon the interest and needs of the particular class. <strong>Prerequisites:</strong> Business Administration 221, 222, 321, 322, 413 and two additional semester courses in business administration or from the approved group (see page 36).</td>
<td></td>
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</tbody>
</table>

### Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>141c, 142</td>
<td>General Chemistry and Elementary Quantitative Analysis</td>
<td>Mr. Macheimer</td>
</tr>
<tr>
<td></td>
<td>Certain selected fundamental principles in inorganic chemistry. First semester covers stoichiometry and ionic equilibria, with laboratory practice in introductory quantitative analysis. Second semester: atomic and molecular structure, with the laboratory devoted chiefly to systematic semimicro qualitative</td>
<td></td>
</tr>
</tbody>
</table>
Chemistry

241c, 242
Organic Chemistry
Mr. Reid

The chemistry of aliphatic, aromatic and heterocyclic compounds from the point of view of synthesis, structure, properties and uses. Three hours of lecture, one hour of discussion, and five hours of laboratory per week.

Prerequisite: Chemistry 142. Five credit hours.

331
Quantitative Analysis
Mr. Ray

A theoretical and practical study of fundamentals of gravimetric and volumetric methods of analysis. Laboratory work emphasizes the acquisition of manipulative skills. Lectures are devoted to principles underlying chemical analysis, literature of analytical chemistry, precision and sources of error. Two hours of lecture and a minimum of six hours per week of laboratory work.

Prerequisite: Chemistry 142. Four credit hours.

332
Instrumental Analysis
Mr. Machemer

Instrumental analytical chemistry, affording theoretical and practical instruction in the use of special instrumental methods, such as colorimetric, conductometric, amperometric, potentiometric, spectrophotometric, and others. Two hours of lecture, one hour of discussion, and five hours of laboratory per week.

Prerequisite: Chemistry 331, 342; Mathematics 212d. (Chemistry 342 may be taken concurrently). Four credit hours.

341, 342
Physical Chemistry
Mr. Ray

The laws governing the physical and chemical behavior of substances, emphasizing the theories and methods of physical chemistry. Particular attention is given to the application of physical chemical principles to the solution of problems. Three hours of lecture, one hour of discussion, and five hours of laboratory per week.

Prerequisite: Chemistry 142; Mathematics 212d; Physics 142. Five credit hours.

411d2
Inorganic Chemistry
Mr. Smith

Modern theories and concepts of atomic and molecular structure. Three hours of lecture per week.

Prerequisite: Chemistry 342. Three credit hours.

431
Qualitative Organic Analysis
Mr. Reid

The systematic identification of organic compounds. Two hours of lecture, six hours of laboratory per week.

Prerequisite: Chemistry 332; Chemistry 342.

Four credit hours.
452
**Advanced Organic Chemistry**
Mr. Maier

Fundamental principles of physical organic chemistry with emphasis on organic reaction mechanisms and transition state theory. Two hours of lecture per week. *Two credit hours.*

467, 468
**Biochemistry**
Mr. Maier

Chemical components of living matter and of the major processes of cellular metabolism, including the fundamental chemical characteristics of biological compounds and enzymatic reactions. Three hours of lecture, five hours of laboratory per week. *Four credit hours.*

472d1
**Advanced Physical Chemistry**
Mr. Smith

Important topics in physical chemistry are discussed from a rigorous point 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. Two hours of lecture per week. *Two credit hours.*

491, 492
**Special Topics**
Staff

Laboratory work of a special (semi-research) nature may be arranged with the instructor. Six hours per week. *Two credit hours.*

*All 400-level courses have, as prerequisite, Chemistry 342 or permission of the department.*

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**Classics (IN TRANSLATION)**

**IN THE DEPARTMENT OF CLASSICS**

*These courses require no knowledge of Latin or Greek. Attention is drawn also to the courses in Ancient History.*

[231]
**Greek Poetry**

Homer: the *Iliad* and the *Odyssey*, Hesiod, and selected readings from the elegiac and lyric poets and from the odes of Pindar.

This course is open to freshmen with permission of the instructor. *Three credit hours.*

232d1
**Greek Drama**
Mr. Westervelt

Greek tragedy and comedy with particular emphasis on the *Oresteia* of Aeschylus, the *Oedipus* of Sophocles and the *Hippolytus* of Euripides.

This course is open to freshmen. *Three credit hours.*
Comparative Literature

OFFERED BY THE DEPARTMENTS OF CLASSICS, ENGLISH, AND MODERN LANGUAGES

†[21, 22] THE ART OF THEATRE

Dramatic expression from the classical theatre of Greece through the theatre of the 20th century. Plays and critical works representative of the great ages of theatre in various countries are considered (in English). The first semester is devoted to the comic mode; the second, to tragedy and other serious forms. *Three credit hours.*

†[31, 32] FORMS OF THE NOVEL

The psychological novel, tracing its development from early forms through works of the twentieth century. Representative major works of various countries will be studied in English. *Three credit hours.*

Economics

241c, 242 PRINCIPLES OF ECONOMICS

STAFF

Principles of economics and their applications to modern economic life. *Three credit hours.*

321d, †[32] ECONOMICS OF GOVERNMENT REGULATION

MR. COX

Economic power in a private enterprise economy and the role of government in this context. In the second semester, an examination and evaluation of the antitrust laws.

*Prerequisite:* Economics 241, 242. *Three credit hours.*

331 INTERMEDIATE ECONOMIC THEORY

MR. COX

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. *Three credit hours.*

334 ECONOMIC DEVELOPMENT

MR. HOGENDORN

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

*Prerequisite:* Economics 241, 242. *Three credit hours.*
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Instructor</th>
<th>Prerequisite</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>356</td>
<td>Modern Theory of Income Determination</td>
<td>Mr. Cox</td>
<td>Aggregate economic analysis, with emphasis upon the Keynesian theory of the determination of income and employment. Examination of recent post-Keynesian developments and critical analysis of historical development of the theory and policies associated with it. <em>Prerequisite: Economics 241, 242. Three credit hours.</em></td>
<td></td>
</tr>
<tr>
<td>341, 342</td>
<td>Money and Banking</td>
<td>Mr. Pullen</td>
<td>The role of money, credit and banking in the American economy, and the applicability of monetary policy to the problems of economic stability. <em>Prerequisite: Economics 241, 242. Three credit hours.</em></td>
<td></td>
</tr>
<tr>
<td>351</td>
<td>Public Finance and Fiscal Policy</td>
<td>Mr. Dunlevy</td>
<td>American tax structure — federal, state and local — and of the economic effects of various types of taxes and of government fiscal policy. <em>Prerequisite: Economics 241, 242. Three credit hours.</em></td>
<td></td>
</tr>
<tr>
<td>361, 362</td>
<td>Labor Economics</td>
<td>Mr. Pullen</td>
<td>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. <em>Prerequisite: Economics 241, 242. Three credit hours.</em></td>
<td></td>
</tr>
<tr>
<td>381, 382</td>
<td>International Economics</td>
<td>Mr. Brown</td>
<td>International trade theory, the balance of payments, commercial policy, and problems of international disequilibrium and adjustment. <em>Prerequisite: Economics 241, 242. Three credit hours.</em></td>
<td></td>
</tr>
<tr>
<td>391</td>
<td>Comparative Economic Systems</td>
<td>Mr. Hogendorn</td>
<td>The basic types of economic systems, with special attention to the problems of economic planning and economic development. Emphasis is on Western Europe, Japan, the Soviet Union, and China. <em>Prerequisite: Economics 241, 242. Three credit hours.</em></td>
<td></td>
</tr>
<tr>
<td>412</td>
<td>Major Economists, 1750-1900</td>
<td>Mr. Dunlevy</td>
<td>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. <em>Prerequisite: Economics 241, 242, and senior standing. Required of all majors. Three credit hours.</em></td>
<td></td>
</tr>
</tbody>
</table>
413, 414
Special Topics in Economics
Staff

Independent study devoted to a topic chosen by the student with the approval of the department. Open only to senior majors in economics. May be elected for either semester, or for the full year. Three credit hours.

Education IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

313
Philosophy of Education
MR. Y. HUDSON

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. This course may be counted toward fulfillment of the requirements for the major in philosophy. Three credit hours.

314
Introduction to American Education
MR. JACOBSON

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

[413]
Human Growth and Development

A course in developmental psychology from the prenatal stages through the adolescent period. May not be taken for credit in addition to Psychology 314. Three credit hours.

[414]
Educational Psychology

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

431
Education Practicum
MR. JACOBSON

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

Prerequisites: An average of B or better in the student’s major and permission of the instructor prior to registration. Note: The practicum does not extend to art or music because, in these areas, states require approved courses in special education for certification. Colby does not offer such courses.
English

111, 112
113, 114
ENGLISH FUNDAMENTALS
MR. SPIEGELBERG

Courses offering tutorial aid and intensive drill in the fundamentals of written English for those whose native language is not English or whose training in English is limited.

Prerequisite: Recommendation of the Department. A student may be passed to English 121, 122 at the end of any term of English 111, 112, 113, 114. Three credit hours.

121e, 122
ENGLISH COMPOSITION
MR. MIZNER AND STAFF

Training in clear, accurate, and intelligent use of the English language. Three credit hours.

131d
GENERAL SPEECH
MR. WITHAM

Fundamental principles of the composition and oral delivery of speeches. Two credit hours.

211
INTRODUCTION TO LITERATURE IN ENGLISH
MR. NORFORD AND STAFF

Literature in the English language (Medieval through Renaissance) through a study of selected English authors.

Prerequisite: English 121. Three credit hours.

212
INTRODUCTION TO LITERATURE IN ENGLISH
MR. NORFORD AND STAFF

Literature in the English language (eighteenth through twentieth centuries) through a study of selected English authors.

Prerequisite: English 211. Three credit hours.

214
INTRODUCTION TO LITERATURE IN ENGLISH
MR. BRANCACCIO AND STAFF

Literature in the English language (eighteenth through twentieth centuries) through a study of selected American authors.

Prerequisite: English 211. Three credit hours.

253
ARGUMENTATION AND DEBATE
MR. WITHAM

Principles of argumentation with application in extended persuasive speeches and formal debate.

Prerequisite: English 131 or permission of the instructor. Three credit hours.

311
ANGLO-SAXON LITERATURE: MEDIEVAL LITERATURE I
MR. MACKAY

English literature from the beginning to 1400. The first half considers Beowulf, selected Anglo-Saxon lyrics, Round Table material, early ballads, and selections from Piers Plowman. The latter half is devoted to Chaucer's Canterbury Tales.

Prerequisite: English 212, or 214. Three credit hours.
Troilus and Criseyde and the Book of the Duchess, and selections from the Parliament of Fowls, House of Fame, and Boece.

Prerequisite: English 311 or permission of the instructor. Three credit hours.

The prose and poetry of the sixteenth century within the context of humanism and the Reformation. Consideration will be given to the major literary traditions, and readings will be drawn from Erasmus, Marlowe, More, Shakespeare, Surrey, Wyatt, and others.

Prerequisite: English 212, or 214. Three credit hours.

The poetry of Edmund Spenser. Attention will be focused upon The Faerie Queene and the problem of Renaissance epic.

Prerequisite: English 212, or 214. Three credit hours.

Selected poets including Shakespeare, Donne, Jonson, Herbert, and Marvell.

Prerequisite: English 212, or 214. Three credit hours.

Selected works by Bunyan, Butler, Dryden, Locke, Wycherley, Etherege, Farquhar, Shadwell, and other major English writers of the period from 1660 to 1700.

Prerequisite: English 212, or 214. Three credit hours.

Plays and dramatic instances from medieval times to the closing of the theatres in 1642, viewed in terms of literary values and theatrical techniques. There will be collateral readings in continental drama. Qualified students may be admitted to the second semester without the first.

Prerequisite: English 212, or 214. Three credit hours.

Milton's poetry and prose.

Prerequisite: English 212, or 214. Three credit hours.

Selected works by Defoe, Addison, Gay, Swift, Pope, Fielding, and other major English writers of the first half of the eighteenth century.

Prerequisite: English 212, or 214. Three credit hours.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
</table>
| 334    | From Johnson Through Blake | Selected works by Johnson, Boswell, Sterne, Gray, Smart, Blake, and other major English writers of the period from 1750 to 1798.  
Prerequisite: English 212, or 214. Three credit hours. |
| 335    | Wordsworth and His Contemporaries | Selected writings of Wordsworth, Coleridge, Lamb and Hazlitt. Emphasis will be mainly on romantic poetry and criticism.  
Prerequisite: English 212, or 214. Three credit hours. |
| 336    | Byron, Shelley, and Keats | The development and chief works of Byron, Shelley and Keats.  
Prerequisite: English 212, or 214. Three credit hours. |
| 337    | Victorian Literature: Art and Society | From 'the hero as man of letters' to 'art for art’s sake,’ a study of changing aesthetic theory from 1832 to 1900, with emphasis both on poetic technique and on the social function of art and the artist. Works by Tennyson, Browning, Arnold, the Pre-Raphaelites, Ruskin, Pater, Hopkins, and others.  
Prerequisite: English 212, or 214. Three credit hours. |
| 338    | Victorian Literature: The Comic Spirit | The Victorian comic tradition, emphasizing the nature of comedy and the conditions which produced it. Works by Carlyle, the early Punch writers, Thackeray, Dickens, the nonsense writers, Meredith, Wilde and Shaw.  
Prerequisite: English 212, or 214. Three credit hours. |
| 341, 342 | Modern Drama | The modern theatre in America and Europe, approached through critical reading and discussion of the outstanding plays of the late nineteenth and twentieth centuries, with lectures on the important theatrical movements of the time. Qualified students may be admitted to the second semester without the first.  
Prerequisite: English 212, or 214. Three credit hours. |
| 351    | Early American Authors | Selected prose and poetry from the Puritan period, the Age of Reason, and the pre-romantic movement in American literature.  
Prerequisite: English 212, or 214. Three credit hours. |
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Prerequisite(s)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>352</td>
<td>Realism and Naturalism in American Fiction</td>
<td>The development of fictional techniques in America during the late nineteenth and early twentieth century. Readings will be drawn from the following authors: Twain, James, Crane, Howells, Norris, Garland, and Dreiser.</td>
<td>English 212, or 214</td>
<td>3</td>
</tr>
<tr>
<td>353d</td>
<td>Twentieth Century Poetry</td>
<td>The major poetry of Yeats, Pound, Eliot, Thomas, and others with emphasis upon the experimental and pioneering qualities of the works read.</td>
<td>English 212, or 214</td>
<td>3</td>
</tr>
<tr>
<td>354d</td>
<td>Twentieth Century Fiction</td>
<td>The fiction of Conrad, Joyce, Lawrence, Woolf, Hemingway, Faulkner, and others with emphasis upon the experimental and pioneering qualities of the works read.</td>
<td>English 212, or 214</td>
<td>3</td>
</tr>
<tr>
<td>356</td>
<td>History of the English Language</td>
<td>A brief introduction to linguistics, followed by a study of the historical development of the sounds, structure, vocabulary, and levels of English, from its origins to its current American usage.</td>
<td>English 212, or 214</td>
<td>3</td>
</tr>
<tr>
<td>*358</td>
<td>Literary Criticism</td>
<td>Analysis of the techniques of literary criticism emphasizing modern theory and practice.</td>
<td>English 212, or 214</td>
<td>3</td>
</tr>
<tr>
<td>374d</td>
<td>Oral Interpretation</td>
<td>Principles of selection, analysis, and preparation of poetry, prose and drama for oral presentation before an audience.</td>
<td>English 212, or 214</td>
<td>3</td>
</tr>
<tr>
<td>†[391]</td>
<td>Fiction Workshop</td>
<td>Practice in the writing of short stories with major emphasis upon student manuscripts.</td>
<td>English 212, or 214 and permission of instructor</td>
<td>3</td>
</tr>
<tr>
<td>*393</td>
<td>Poetry Workshop</td>
<td>Practice in the writing of poetry with major emphasis upon student manuscripts.</td>
<td>English 212, or 214 and permission of instructor</td>
<td>3</td>
</tr>
</tbody>
</table>
Topics, which change each semester, normally investigate a genre and cut across literary periods.

**Prerequisite:** Open only to members of honors program.  
**Three credit hours.**

### 421, 422  
**Shakespeare**  
**MR. BENBOW**

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

**Prerequisite:** English 212, or 214.  
**Three credit hours.**

### 423, 424  
**Major American Romantics**  
**MR. CARY**

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

**Prerequisite:** English 212, or 214.  
**Three credit hours.**

### 471d  
**Topics in Literature**  
**STAFF**

Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work.

**Prerequisite:** Permission of the chairman.  
**Three credit hours.**

### 491, 492  
**Seminar in English and American Literature**  
**STAFF**

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

**Prerequisite:** Permission of the department.  
**Three credit hours.**

### 495  
**Honors Seminar**  
**MR. SWENEY**

Topics, which change each semester, normally investigate a genre and cut across literary periods.

**Prerequisite:** Open only to members of honors program.  
**Three credit hours.**

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**French**

**IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES**

### 101, 102  
**Elementary French**  
**STAFF**

Introduction to the language by an audio-lingual method, with emphasis on understanding, speaking, and reading. Use of taped materials in the language laboratory is a regular part of the class work. Class meets daily Monday through Friday.  
**Four credit hours.**
### Intermediate French

**103, 104**  
**Intermediate French**  
**Mr. Ferguson and Staff**  
Continued practice in the oral-aural skills; increasing emphasis on reading (short stories) and writing. These studies, and the review of grammar, are supplemented with drill work in the laboratory.  
*Prerequisite:* French 101, 102 or two years of high-school French and appropriate score on the placement test. *Three credit hours.*

### Introduction to French Literature

**125, 126**  
**Introduction to French Literature**  
**Mr. Kellenberger and Staff**  
Introduction to French literature through the reading of selected masterpieces illustrative of the major genres. Intensive reading and *analyse de texte.* Conducted chiefly in French. French 127, 128 is highly recommended as a one-hour course which offers additional training in writing and language.  
*Prerequisite:* French 103, 104 or three years of high-school French and appropriate score on the placement test. Qualified students may be admitted to the second semester without the first. *Three credit hours.*

### Writing Workshop in French

**127, 128**  
**Writing Workshop in French**  
**Staff**  
Practice in writing, free composition, grammar review. Conducted chiefly in French.  
*Prerequisite:* Student must be registered concurrently in French 125, 126. *One credit hour.*

### French Composition

**211d**  
**French Composition**  
**Mr. Biron**  
Extensive practice in oral and written composition; some translation from English to French. Attention to some finer points of grammar and elements of style. Offered each semester.  
*Prerequisite:* French 125, 126 or permission of the instructor. *Three credit hours.*

### Contemporary French Literature

**241, 242**  
**Contemporary French Literature**  
**Mr. Smith**  
Introduction to literature of the 20th century, with representative works in prose, poetry, and theatre. Conducted chiefly in French.  
*Prerequisite:* French 125, 126. *Three credit hours.*

### French Literature of the Seventeenth Century

**†[341, 342]**  
**French Literature of the Seventeenth Century**  
The development of French classicism; particular attention to Descartes, Corneille, Molière, Pascal, La Fontaine, and Racine. Collateral readings on the social and historical background. Conducted chiefly in French.  
*Prerequisite:* French 241, 242 or permission of the instructor. *Three credit hours.*
**343, 344**  
**French Literature of the Eighteenth Century**  
Mr. Kellenberger  

The philosophical movement in France, with particular attention to Montesquieu, Voltaire, Diderot, and Rousseau. Literary history of the age with readings from important works in the field of belle-lettres. Conducted chiefly in French.  

*Prerequisite:* French 241, 242 or permission of the instructor.  
*Three credit hours.*

**†345, 346**  
**French Non-Fiction of the Nineteenth Century**  

The various literary movements and major poets, dramatists, and critics of the 19th century. Conducted chiefly in French.  

*Prerequisite:* French 241, 242 or permission of the instructor.  
*Three credit hours.*

**347, 348**  
**The French Realistic Novel**  
Mr. Bundy  

The form and development of the realistic novel in France in the 19th and early 20th centuries, from Stendhal through Balzac, Flaubert, Zola to Proust. Conducted chiefly in French.  

*Prerequisite:* French 241, 242 or permission of the instructor.  
*Three credit hours.*

**357**  
**The Contemporary French Theatre**  
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, Curel, Claudel, Romain, Lenormand, Sarment, Cocteau, Giraudoux, Montherlant, Sartre, Beckett, Ionesco, Genet, and others. Conducted chiefly in French.  

*Prerequisite:* French 241, 242 or permission of the instructor.  
*Three credit hours.*

**358**  
**The Contemporary French Novel**  
Mr. Smith  

The French novel from 1900 to the present day, with readings from Gide, Proust, Mauriac, Sainte-Exupéry, Camus, Sartre, Robbe-Grillet, and others. Conducted chiefly in French.  

*Prerequisite:* French 241, 242 or permission of the instructor.  
*Three credit hours.*

**411**  
**Teaching of Modern Foreign Languages**  
Mr. Bundy and Staff  

Problems and methods of teaching French. Readings, discussions, practice work, and criticism. Some attention is also directed to the FLES program. Counts as three hours in education toward the Maine Secondary Certificate. Conducted in English.  

*Prerequisite:* French 241, 242.  
*Three credit hours.*
412
ADVANCED COMPOSITION
AND STYLISTICS
MR. BIRON

Characteristics of French style as seen in various authors. Representative readings and free composition, with some work in the history of the language. Conducted in French.

Prerequisite: Permission of the instructor. Three credit hours.

491, 492
TOPICS IN FRENCH
LITERATURE
MR. BIRON,
MR. BUNDY

Topics, which change each semester, may cover an author, a genre, or a literary movement. Topics for 1968-69: 491, Victor Hugo with emphasis upon his poetry; 492, L'Angoisse de l'homme: Montaigne, Pascal, et Sartre. Conducted on a seminar basis.

Prerequisite: Permission of the instructor. Three credit hours.

Geology

121e, 122
INTRODUCTION TO
GEOLOGICAL SCIENCE (I)¹
MR. ALLEN

The physical and biological evolution of the Earth, with emphasis on mechanisms and processes. (Satisfies science distribution requirement, but not laboratory science.)

Three credit hours.

141e, 142
INTRODUCTION TO
GEOLOGICAL SCIENCE (II)¹
MR. ALLEN

Lecture and text material the same as Geology 121e, 122, but with the addition of laboratory and field sessions. Enrollment limited to one laboratory section of 25-30 students; recommended for those planning to major in geology. Four credit hours.

161e, 162
PROBLEMS IN GEOLOGY¹
STAFF

The 8-10 ‘open’ problems in geology: major problems under active investigation at the present time, about which there may be honest disagreement among competent scholars. Regular written or oral discussions will be required. At least one problem each semester involves extensive individual laboratory or field investigation. Not recommended for students wishing an introduction to geologic mechanisms and processes, or those planning to major in geology. Enrollment limited to 20-25 students per section. Three credit hours.

¹ Of the year-sequences 121e, 122, 141e, 142, 161e, 162, not more than one sequence may be offered for course-credit.
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>METROLOGY</td>
<td>192</td>
<td>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. Three credit hours.</td>
</tr>
<tr>
<td>SEDIMENTATION AND SEDIMENTARY ROCKS</td>
<td>211</td>
<td>Mechanical and chemical processes of sedimentation, environments, methods of mechanical analysis of sediments, and a description and classification of the sedimentary rocks. Prerequisite: Geology 122, or 142, or 161, 162. Four credit hours.</td>
</tr>
<tr>
<td>DESCRIPTIVE MINERALOGY</td>
<td>212</td>
<td>Crystallography, physical properties, and chemical structure of minerals. Prerequisite: Chemistry 141. Four credit hours.</td>
</tr>
<tr>
<td>MAP INTERPRETATION AND GEOMORPHOLOGY OF THE UNITED STATES</td>
<td>221, 222</td>
<td>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 122 or 142, or 161, 162. Three credit hours.</td>
</tr>
<tr>
<td>GEOLOGIC STRUCTURES AND FIELD METHODS</td>
<td>241, 242</td>
<td>Analysis of rock structures and their significance, and techniques of field mapping. Prerequisite: Geology 122, or 142, or 161, 162. Four credit hours.</td>
</tr>
<tr>
<td>PALEONTOLOGY</td>
<td>251</td>
<td>Fossils; evolution; the use of fossils in geologic correlations. Prerequisite: Geology 122, or 142, or 161, 162 or Biology 122. Four credit hours.</td>
</tr>
<tr>
<td>GLACIAL GEOLOGY</td>
<td>311</td>
<td>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 122, or 142, or 162. Three credit hours.</td>
</tr>
<tr>
<td>OPTICAL MINERALOGY</td>
<td>311</td>
<td>Optical properties of crystals; technique in the determination of minerals using the petrographic microscope. Prerequisite: Geology 212. Four credit hours.</td>
</tr>
</tbody>
</table>
312  
Petrology of the Igneous and Metamorphic Rocks  
Mr. Allen  
Optical study of the igneous and metamorphic rocks, and their origin, structure, and composition.  
Prerequisite: Geology 311. Four credit hours.

†314  
Petroleum Geology  
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. Three credit hours.

352  
Stratigraphy  
Mr. Coleman  
The history of sedimentary rocks and the development of the North American continent; index fossils and their significance.  
Prerequisite: Geology 211, and Geology 251 or Biology 251. Four credit hours.

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. Variable one to three credit hours.

German  

In the Department of Modern Foreign Languages

101, 102  
Elementary German  
Mr. Bither and Staff  
Introduction to the language by an audio-lingual method, with emphasis on understanding, speaking, and reading. Use of taped materials in the language laboratory is a regular part of the class work. Class meets daily Monday through Friday. Four credit hours.

103, 104  
Intermediate German  
Mr. Schmidt and Staff  
Continued practice in the oral-aural skills; increasing emphasis on reading and writing through use of modern prose and poetry. These studies, and the review of grammar, are supplemented with drill work in the laboratory.  
Prerequisite: German 101, 102 or two years of high-school German and appropriate score on the placement test. Three credit hours.
215  
**CONVERSATION AND COMPOSITION**  
**MR. SCHMIDT, MR. KUETER**

Intensive audio-lingual work on an advanced level to achieve mastery of everyday German. Tapes are used in lieu of texts. One class weekly of grammar review plus daily free compositions. Conducted primarily in German. (May not be selected by students who have credit for German 107, 108.)

*Prerequisite:* German 103, 104 or three years of high-school German and appropriate placement. *Three credit hours.*

216  
**INTRODUCTION TO LITERATURE**  
**MR. BITHER**

Intensive reading of literary works; a general introduction to the major literary periods of German literature. Conducted primarily in German. German 218 is highly recommended as a one-hour course which offers additional training in writing and language.

*Prerequisite:* German 103, 104 or three years of high-school German and appropriate placement. *Three credit hours.*

218  
**WRITING WORKSHOP IN GERMAN**  
**MR. BITHER**

Practice in writing, free composition, grammar review. Conducted chiefly in German.

*Prerequisite:* Student must be registered concurrently in German 216. *One credit hour.*

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


*Prerequisite:* German 216 or special permission. *Three credit hours.*

*345, 346  
**GERMAN LITERATURE OF THE NINETEENTH CENTURY**  
**MR. BITHER**

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

*Prerequisite:* German 216 or special permission. *Three credit hours.*

†[347, 348]  
**CONTEMPORARY GERMAN LITERATURE**

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. Hofmannsthall, Werfel, Kafka, E. Junger, and others. An attempt is made to trace the effect of the past
### German, Government

#### Medieval Literature

**[351]**  
**Medieval Literature**  
Literature of medieval Germany from primitive old Germanic works through the classical period of Middle High German literature, using New High German translations with some sampling of texts in the original. Conducted in German.  
**Prerequisite:** Two semesters work beyond German 216.  
**Three credit hours.**

#### Humanism, Reformation and Baroque

**[352]**  
**Humanism, Reformation and Baroque**  
Selected readings from major authors of each period, with special emphasis on their influence on German thought and literature. Conducted in German.  
**Prerequisite:** German 351.  
**Three credit hours.**

#### Teaching of Modern Foreign Languages

**411**  
**Teaching of Modern Foreign Languages**  
Problems and methods of teaching German. Readings, discussions, practice work, and criticism. Some attention is also directed to the FLES program. Counts as three hours in education toward the Maine Secondary Certificate. Conducted in English.  
**Prerequisite:** German 215 or 216.  
**Three credit hours.**

#### Topics in German Literature

**[491], [492]**  
**Topics in German Literature**  
Topics vary from year to year, and may cover an author, a genre, or a literary movement. The topic is Goethe's Faust. Conducted on a seminar basis.  
**Prerequisite:** Permission of the instructor.  
**Three credit hours.**

### Government

**In the Department of History and Government**

**131, 132**  
**An Introduction to the Study of Political Order**  
Government 131: modern approaches to theoretical problems of the art and science of politics. Government 132: attention on certain institutional and process phenomena of modern politics. Ordinarily students are not permitted to study with the same instructor for more than one semester. Open to freshmen only.  
**Three credit hours.**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>135</td>
<td>Approaches to Political Order - East and West</td>
<td>A comparative study of various approaches to political order exemplified in the writings of selected political thinkers from East and West. Similarities and differences in their interpretations and theorizations of the origin of the state, the purpose of government, the ideal state, desirable scope of political authority, the role of the individual, and other significant problems within the field of political theory will be examined. Three credit hours.</td>
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<tr>
<td>136</td>
<td>Political Modernization in Asia</td>
<td>A study of the major factors contributing to political change, the problems encountered in the process of modernization, and the prospects of establishing viable democratic political systems in Asian countries. General theories of political modernization will be analyzed and tested in some case studies. Three credit hours.</td>
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<tr>
<td>135</td>
<td>European Constitutional Governments</td>
<td>A comparative study of the governmental structure, politics, and decision-making process of Great Britain, France, Germany and other selected European countries. Three credit hours.</td>
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</tr>
<tr>
<td>136</td>
<td>Government and Politics in Modern Japan</td>
<td>A study of modern Japanese political institutions and political processes. Special attention will be given to the Japanese approach to political modernization, party politics, policy-making processes at the national level, and foreign relations. Japanese political process and style will be compared with those of Western democracies. Three credit hours.</td>
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<tr>
<td>137</td>
<td>The American Presidency</td>
<td>A study of the powers and limitations of the federal executive in modern American politics. Three credit hours.</td>
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<tr>
<td>138</td>
<td>The Legislative Process</td>
<td>A comparison of the law-making process in legislative bodies with emphasis on the United States Congress. This course will include the electoral process, legislative politics, and Congressional relationships with interest groups as well as with other governmental bodies. Three credit hours.</td>
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<tr>
<td>134</td>
<td>American Constitutional Law</td>
<td>The United States Supreme Court and constitutional litigation as part of the American political process. Three credit hours.</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Instructor</td>
<td>Description</td>
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<tr>
<td>321, 322</td>
<td>Political Theory</td>
<td>Mr. Mavrinac</td>
<td>Analysis of some of the principal western approaches to the nature of the political order, with emphasis on the historical delineation of the fundamentals of constitutional theory. <em>Three credit hours.</em></td>
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<tr>
<td></td>
<td>†[331] The Politics of Change</td>
<td></td>
<td>A comparison of the politics of change and violence in the developed and underdeveloped nations. Special attention will be given to the forces making for change and for the ability or inability of societies to control change. <em>Three credit hours.</em></td>
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<td></td>
<td><em>333</em> Totalitarian Government and Politics</td>
<td>Mr. Mavrinac</td>
<td>The ideological framework, organization, operation, and evolution of such political institutions as those of the Communist world, Nazi Germany, and Fascist Italy, with major attention given to the USSR. <em>Three credit hours.</em></td>
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<tr>
<td>335</td>
<td>International Relations</td>
<td>Mr. Weissberg</td>
<td>Principles of international politics, stressing such topics as the balance of power, collective security, diplomacy and nationalism. <em>Three credit hours.</em></td>
</tr>
<tr>
<td>336</td>
<td>International Organization</td>
<td>Mr. Weissberg</td>
<td>The structure, politics and current operation of international organizations within the nation-state system, with particular emphasis on the United Nations. <em>Three credit hours.</em></td>
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<tr>
<td>338</td>
<td>International Law</td>
<td>Mr. Weissberg</td>
<td>The body of rules and principles of behavior which govern states in their relations with each other, as illustrated in cases and texts. <em>Three credit hours.</em></td>
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<tr>
<td></td>
<td>†[355] Political Parties</td>
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<td>American political parties. <em>Three credit hours.</em></td>
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<td></td>
<td>†[356] Political Behavior</td>
<td></td>
<td>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. <em>Three credit hours.</em></td>
</tr>
</tbody>
</table>
†[372]
Administration of Social Change

The political setting of public administration. The legislative, budgetary, and administrative processes will be examined from the points of view of the actors in the political system: the President and executive officials, bureau chiefs, congressmen, lobbyists, the communications media, and the political party leaders. The emphasis will be on the administration of programs concerned with social change in America: the poverty program, civil rights, urban development, federal aid to education, drug addiction, riot control, labor relations, area redevelopment. Three credit hours.

375
Government and Politics of Modern China
Mr. Pan

A study of the foundations and dynamic factors of Chinese politics in the Twentieth Century, with special emphasis on Chinese Communist political theory and practice, the role of political parties in the process of revolutionary change, distribution of political power and authority, major domestic policies, and foreign relations. Three credit hours.

376
Communist Chinese Foreign Policies and Foreign Relations
Mr. Pan

A study of the theoretical assumptions and dynamics of Communist China's foreign policy, of the conduct of its foreign relations, and of the organization of the machinery for the conduct of its foreign relations. Three credit hours.

†[377]
Special Problems in Local Government

Problems vary from year to year, but 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 is the point of reference, and the comparative experience of America, England and France is emphasized. From time to time consideration is given to the analogous problem in the totalitarian society. Three credit hours.

†[378]
The Legal Process

A study of legal reasoning, legal development, and institutional-human dynamics in the legal situation. Materials from public and private law, primarily from the Anglo-American systems, but occasionally from the European systems. Three credit hours.
<table>
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<tr>
<th>Course Code</th>
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<th>Prerequisite</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>411d</td>
<td>Topics in Government</td>
<td>A study of government through special topics. Prerequisite: Government major and special permission of the department chairman. Three credit hours.</td>
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<tr>
<td>413</td>
<td>Seminar in Chinese Politics</td>
<td>Discussion, research, and reports on selected problems of Chinese politics. Each student prepares an essay on some aspects of Chinese political theory, political institution, or political modernization. Analytical treatment of the subject is emphasized. Prerequisite: A previous course related to China and/or the instructor's permission. Three credit hours.</td>
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<tr>
<td>414</td>
<td>Seminar in Comparative Government</td>
<td>Certain fundamental, theoretical and operational problems in politics as seen in the perspective of a number of specific political/governmental situations — both American and other. Prerequisite: Permission of the instructor. Three credit hours.</td>
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<tr>
<td>435</td>
<td>Seminar in American National Government and Politics</td>
<td>The American national government as organization and process, and of the elements of national political life. Prerequisite: Government 235 or permission of the instructor. Three credit hours.</td>
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<tr>
<td>457</td>
<td>Foreign Policy of the United States</td>
<td>Problems of planning and executing American foreign policy. Prerequisite: Government 235, or equivalent; or Government 335, or equivalent; or permission of the instructor. Three credit hours.</td>
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<tr>
<td>498</td>
<td>Seminar in Contemporary Political Problems</td>
<td>A seminar in some contemporary problems in political thought and practice. In 1969 this seminar will concentrate on contemporary American political thinking. Prerequisite: Permission of the instructor. Three credit hours.</td>
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</tbody>
</table>
Greek
IN THE DEPARTMENT OF CLASSICS

101, 102
Elementary Greek
Mrs. Koonce and Staff
The morphology and syntax of the Greek language with readings in the *Iliad* of Homer. *Three credit hours.*

131
Introduction to Greek Literature I
Mr. Westervelt
The *Odyssey*. *Three credit hours.*

132
Introduction to Greek Literature II
Mrs. Koonce
The *Republic* of Plato: Book I. *Three credit hours.*

351
Greek Literature
Mrs. Koonce
Sophocles: two plays. *Three credit hours.*

352
Greek Literature
Mr. Howard
Herodotus. *Three credit hours.*

411, 412
Greek Literature
Independent Reading in Greek
Staff
Reading in a field of the student's interest, with essays and conferences. *Three credit hours.*

History
IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

131, 132
Problems in European History
Staff
A consideration of major problems in modern European history. Ordinarily, students will not be permitted to study with the same instructor for more than one semester. Open to freshmen only. *Three credit hours.*
†[221, 222]

**History of East Asian Civilization**

The interaction of cultures in East Asia. First semester: the traditional civilization in China and Japan, with some attention to peripheral areas. Second semester: chiefly Chinese and Japanese reactions to Western stimuli in the nineteenth and twentieth centuries, and the resulting problems of modernization.

*Three credit hours.*

†[231]

**Medieval Civilization, 476-1300**

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.

*Three credit hours.*

†[232]

**Renaissance and Reformation 1300-1648**

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. *Three credit hours.*

238

**Modern Britain 1867-1969**

Mr. Gillum

Britain from the Age of Imperialism through the era of World Wars, and to the dissolution of the Empire. *Three credit hours.*

281e, 282

**Survey of United States History**

Mr. Bridgman

United States history from the Age of Discovery to the present. Although chronological symmetry is maintained, an effort is made to demonstrate the particular value of political, economic, and constitutional interpretation. *Three credit hours.*

*323, 324

**Diplomatic History, 19th and 20th Centuries**

Mr. Berschneider

The modern state system and diplomatic relations existing among the major powers. The first semester examines the development of power politics and European hegemony in what is known as the old diplomacy. The second semester emphasizes the new diplomacy, the waning of European hegemony, and the growth of regional and world organizations.

*Prerequisite:* A one-year course, or equivalent, in history or government, or special permission of the instructor. *Three credit hours.*
†[335]
MEDIEVAL ENGLAND: THE ORIGINS OF THE COMMON LAW

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. *Three credit hours.*

336
TUDOR-STUART ENGLAND
MR. GILLUM

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. *Three credit hours.*

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. *Three credit hours.*

†[355]
INTELLECTUAL AND CULTURAL HISTORY OF MODERN EUROPE

Principal trends and leaders of new thought (Darwin, Marx, Freud *et al.*) with emphasis on late-nineteenth and twentieth century intellectual developments. *Three credit hours.*

356
MODERN FRANCE AND ITALY

Emphasis is 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.

†[359]
MODERN JAPANESE HISTORY

The history of Japan from ca. 1860 to the present day, concentrating on a treatment of Japan's modernization and the political, social and ideological problems connected with the process of modernization.

*364d1, 363d2
CULTURAL HISTORY OF JAPAN
MR. ELISON; INSTRUCTOR

First semester: the history of Japan from the origins of the Japanese people to the collapse of the Ashikaga Shogunate in the civil wars of the end of the fifteenth century. Institutional history is not neglected, but the course concentrates heavily upon the literary, religious and artistic manifestations of Japanese culture.

Second semester: the period of the Country at War, discusses the reunification of Japan at the end of the sixteenth century, concentrates upon the progress of the Tokugawa Period, and terminates with the Meiji Restoration. Much
emphasizes is placed upon such special topics as the confrontation of Japanese and Jesuit, and the history of the Tokugawa popular theatre.

*Prerequisite: A previous course in history. Three credit hours.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>372</td>
<td>The French Revolution and Napoleon</td>
<td>Mr. Raymond</td>
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<td></td>
<td>European history from 1789 to 1815, with emphasis on political and social developments in France.</td>
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<td>*Prerequisite: One-year course, or equivalent, in history or government, or special permission. Three credit hours.</td>
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<tr>
<td>*375</td>
<td>Modern Germany</td>
<td>Mr. Gillum</td>
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<td></td>
<td>The governmental and economic development and the international influence of Germany from 1848 to the present time.</td>
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<td></td>
<td>*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 381, 382. Three credit hours.</td>
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<tr>
<td></td>
<td>Stress is given to the West as a laboratory for economic and political experimentation. Three credit hours.</td>
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<tr>
<td>*392</td>
<td>Contemporary America</td>
<td>Mr. Bridgman</td>
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<td></td>
<td>The political history of the United States from 1929 to the present.</td>
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<td></td>
<td>*Prerequisite: History 281e, 282, or special permission. Three credit hours.</td>
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<tr>
<td>*393</td>
<td>The South in United States History: 1831-1896</td>
<td>Mr. Bridgman</td>
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<tr>
<td></td>
<td>The South and its peculiar institutions during a period of incomplete transition from agrarianism to industrialism.</td>
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<td></td>
<td>*Prerequisite: History 281e, 282, or special permission. Three credit hours.</td>
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<tr>
<td>[394]</td>
<td>Social and Cultural History of the United States, 1900-1929</td>
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<td></td>
<td>Selected topics illustrating the changing social organization and cultural assumptions of twentieth century Americans.</td>
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<td></td>
<td>*Prerequisite: History 281e, 282, or special permission. Three credit hours.</td>
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<tr>
<td>[395]</td>
<td>The Early American Republic: 1775-1829</td>
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<td></td>
<td>The United States during the first half-century of development as an independent nation. The course includes the study of topics related to the American Revolution, the Confederation, the Federalist years, and the more permanent Jeffersonian era. Three credit hours.</td>
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</tbody>
</table>
411d
Topics in History

A study of history through special topics.

Prerequisite: History major and special permission of the department chairman. Three credit hours.

†[414]
Seminar in Japanese History

Special topics in Japanese history.

Open by permission. Three credit hours.

415, 416
Seminar in American History

Special topics in American history.

Open by permission. Three credit hours.

417
Seminar in European History

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

Open by permission. Three credit hours.

433
Seminar in English History

Reading and research on various topics in English history, with special attention devoted to political history in the nineteenth or twentieth centuries.

Open by permission. Three credit hours.

Italian

In the Department of Modern Foreign Languages

†[211]
Dante

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 course in English or American literature with a mark of C or higher. Three credit hours.
ITALIAN LITERATURE OF THE RENAISSANCE

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

Prerequisite: Major in a foreign language or in American or English literature; course in English or American literature with a grade of C or higher. Three credit hours.

Japanese

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102
ELEMENTARY JAPANESE
MRS. KERKHAM

Introduction to the modern language, with practice in reading, conversation, and elementary composition. Use of taped materials in the language laboratory is a regular part of the class work. Class meets daily Monday through Friday.

Prerequisite: Permission of the instructor. Four credit hours.

103, 104
INTERMEDIATE JAPANESE
MRS. KERKHAM

Continued practice in the oral-aural skills; increasing emphasis on reading and writing through use of modern prose. This and the review of grammar are supplemented with drill work in the language laboratory and the language tables. Class meets daily Monday through Friday.

Prerequisite: Japanese 101, 102 or equivalent. Four credit hours.

221, 222
JAPANESE LITERATURE IN TRANSLATION
MRS. KERKHAM

Representative works of Japanese literature. First semester: from the primitive period to the end of the 16th century; second semester: from 1600 to the present. Three credit hours.

241, 242
ADVANCED JAPANESE
MRS. KERKHAM

Third year level of language work with concentration on readings from newspapers, magazines, and modern prose.

Prerequisite: Japanese 103, 104. Three credit hours.
Latin

IN THE DEPARTMENT OF CLASSES

121, 122
Intermediate Latin
Mr. Westervelt and Mrs. Hogendorn

First semester: a review of morphology and syntax through reading of one play of Terence; second semester: readings from the first six books of the *Aeneid* with lectures on Virgil’s poetic technique and the historical background.

Prerequisite: At least two years of high school Latin. *Three credit hours.*

131
Introduction to Latin Literature: Poetry
Mr. Howard

Horace and Catullus. *Three credit hours.*

132
Introduction to Latin Literature: Comedy
Mrs. Koonce

Plautus. *Three credit hours.*

351
Latin Literature
Mr. Howard

Lucretius. *Three credit hours.*

352
Latin Literature
Mr. Howard

Livy. *Three credit hours.*

411, 412
Independent Reading in Latin
Staff

Reading in a field of the student’s interest, with essays and conferences. *Three credit hours.*

413
Seminar
Mr. Howard

Virgil: the last six books of the *Aeneid.* *Three credit hours.*
Linguistics
IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

**[211]**
**INTRODUCTION TO LINGUISTICS**
Man's knowledge of language and the development of the science of linguistics, with a brief introduction to the methods of research in the various areas of linguistic science: historical and structural linguistics, psycholinguistics, etc. (May not be taken by students who have credit for Linguistics 212.)

Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description and Requirements</th>
</tr>
</thead>
</table>
| 111d        | **Elementary Functions**      | The elementary mathematical functions and selected topics from college algebra, plane analytic trigonometry, and plane analytic geometry. Offered each semester.  
  *Prerequisite:* Three years of college preparatory mathematics. *Three credit hours.* |
| 112d        | **Calculus I**                | Elementary differential and integral calculus. Offered each semester.  
  *Prerequisite:* Mathematics 111 or satisfactory achievement in the mathematics placement examination. *Three credit hours.* |
| 113d        | **Linear Algebra**            | Those basic concepts and techniques from the field of higher algebra which will be useful to non-majors as well as majors in mathematics. Systems of equations and matrices are used as vehicles for this study. Offered each semester.  
  *Prerequisite:* Four years of college preparatory mathematics. *Three credit hours.* |
| 211d        | **Calculus II**               | Further study of differential and integral calculus, with selected applications. Offered each semester.  
  *Prerequisite:* Mathematics 112d. *Four credit hours.* |
| 212d        | **Calculus III**              | A continuation of Mathematics 211d. Offered each semester.  
  *Prerequisite:* Mathematics 211d. *Four credit hours.* |
241, 242  
**Elementary Statistics**  
Mr. Combellack  
Descriptive statistics; elementary probability theory; binomial and normal distributions; elementary sampling theory; tests of hypotheses; confidence intervals; correlation and regression; analysis of variance; time series. Applications are emphasized. Not open to mathematics majors.  
*Prerequisite:* Mathematics 112d. *Three credit hours.*

†[243, 244]  
**Finite Mathematics**  
Selected topics from modern mathematics useful in the biological and social sciences; including probability, elements of modern algebra, and an introduction to linear programming and the theory of games. Statistics is not treated, but is offered in other courses. Not open to mathematics majors.  
*Prerequisite:* Mathematics 112d. *Three credit hours.*

311d  
**Differential Equations**  
Mr. Junghans  
Solutions of elementary differential equations and an introduction to partial differential equations. Offered each semester.  
*Prerequisite:* Mathematics 212d. *Three credit hours.*

312  
**Topics in Analysis**  
Mr. Junghans  
Selected topics in analysis, including solutions of differential equations by series, Bessel's equation and functions, Fourier series, vector analysis and finite differences.  
*Prerequisite:* Mathematics 311d. *Three credit hours.*

361, 362  
**Higher Algebra**  
Mrs. Zukowski  
Vector spaces, linear transformations, and matrices, with their applications in modern abstract algebra.  
*Prerequisite:* Mathematics 212d. *Three credit hours.*

*381, 382  
**Introduction to Mathematical Statistics**  
Mr. Combellack  
Random variables; special probability distributions; moment generating functions; maximum likelihood estimators; sampling distributions; regression; tests of hypotheses; confidence intervals; linear models; analysis of variance. Although many applications are discussed, the emphasis is on theory.  
*Prerequisite:* Mathematics 212d. *Three credit hours.*

421, 422  
**Advanced Calculus**  
Mr. Small  
More advanced topics of calculus, including maxima and minima in three and higher dimensions, Jacobians, curvilinear coordinates, special definite and improper integrals, beta function, gamma function, complex variables.  
*Prerequisite:* Mathematics 311d. *Three credit hours.*
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
<th>Prerequisite/Note</th>
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</thead>
<tbody>
<tr>
<td>423</td>
<td>Higher Geometry</td>
<td>Various geometries, with emphasis on algebraic methods.</td>
<td>Prerequisite: Mathematics 361, 362. Three credit hours.</td>
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<tr>
<td>432</td>
<td>Introduction to Topology</td>
<td>General topology, including such topics as elementary point set topology, mappings, and metric spaces.</td>
<td>Prerequisite: Mathematics 423. Three credit hours.</td>
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<tr>
<td>491, 492</td>
<td>Special Topics</td>
<td>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.</td>
<td>Prerequisite: Mathematics 311d and special permission. Variable two to four credit hours.</td>
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**Music**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite/Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>101, 102</td>
<td>Baroque, Classical and Romantic Music</td>
<td>Intended for the greater understanding and enjoyment of music, the emphasis on musical style and historical background evident in the works of Bach, Handel, Mozart and the romantic composers. Reading and listening assignments.</td>
<td>Three credit hours.</td>
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<tr>
<td>113</td>
<td>Art Song Repertoire</td>
<td>Art songs, French chansons, and German lieder, beginning with the early medieval secular music and continuing through the contemporary works of Claude Debussy, Hugo Wolf and others.</td>
<td>Three credit hours.</td>
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<tr>
<td>115d</td>
<td>Medieval and Renaissance Music</td>
<td>The history and development of music from Gregorian chant to the Baroque period. Consideration of such forms as the motet, madrigal and the mass. Reading and listening assignments. Offered each semester.</td>
<td>Three credit hours.</td>
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<tr>
<td>121, 122</td>
<td>Theory and Practice of Music</td>
<td>Musical notation, clefs, scales, intervals and chord structure. Ear training stressed through rhythmic, intervallic and melodic dictation and sight-singing. Melody writing and elementary harmony included.</td>
<td>Prerequisite: Permission of department. Three credit hours.</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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</tbody>
</table>
| [211]       | Harmony                            | Harmonization of given and original melodies; analysis of compositions selected from major composers.  
Prerequisite: Music 121, 122. Three credit hours.                                                                                       |
| [212]       | Advanced Harmony                   | Continuation of 211 with special emphasis on keyboard harmony.  
Prerequisite: Music 211. Three credit hours.                                                                                                                                                                                                                                                                                       |
| 215         | Counterpoint                       | Principles of the melodic combinations.  
Prerequisite: Music 211. Three credit hours.                                                                                                                                                                                                                                                                                       |
| 205, 206    | Baroque and Rococo                 | An analysis of music of the early Baroque composers, the operas and oratorios of George Frederic Handel, the instrumental and vocal music of Johann Sebastian Bach and the Bach family, as well as peripheral studies of “Baroque” in America. Three credit hours.                                                                 |
| 301, 302    | The Viennese Classicists           | Emphasis on the instrumental works of Haydn, Mozart, Beethoven and Schubert. Study of form, reading of scores, harmonic analyses and some conducting techniques.  
Prerequisite: Music 101, 102. Three credit hours.                                                                                                                                                                                                                                                                                       |
Prerequisite: Music 101, 102. Three credit hours.                                                                                                                                                                                                                                                                                       |
| 312         | Contemporary Music                 | 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. Three credit hours.                                                                                                                                                                                                                                                                               |
| 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 two credit hours per year 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, Mrs. Walter Habenicht; in piano, Miss Marion McVea; in organ, Miss Adel Heinrich.                                           |
For participation in the college glee club, the symphony orchestra and college band, a student may receive two credit hours each year after the freshman year.

For credit in applied music, whether in private lessons or any organization, the student must complete requirements up to six credit hours in any courses offered by the department by his senior year. If this credit is applied toward graduation, payment must be made according to the number of credit hours involved.

Note: In no case can more than six credit hours be earned in Applied Music.

491, 492
Special Topics
staff

A course designed to meet the needs of students who have interest and competence in a particular area of investigation.

Prerequisite: Junior standing, at least, and permission of the department. Three credit hours.

Philosophy
IN THE DEPARTMENT OF PHILOSOPHY AND RELIGION

112
Introduction to Western Philosophy
MR. CLARK AND STAFF

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

211
Moral Philosophy
MR. Y. HUDSON

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

212
Logic
MR. PETERS AND STAFF

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

†[312]
Social Philosophy

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 121e, 122 or permission of the instructor. Three credit hours.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisite</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
</table>
| [314]  | Aesthetics | 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).
|        |       | Three credit hours. | |
| 316    | Types of Philosophy | A comparative study of the more important recent philosophical systems such as naturalism, idealism, realism, pragmatism, and process philosophy. 
Prerequisite: Philosophy 112 or permission of the instructor.
|        |       | Three credit hours. | |
| *317   | Philosophy of Science | Analytical and interpretive problems in the philosophy of science. Explanation, theory, observation, and associated concepts in the natural and social sciences will be considered. 
Prerequisite: Philosophy 211 or permission of the instructor.
|        |       | Three credit hours. | |
| 319    | Ethics and General Theory of Value | Philosophic approaches to the nature of value, especially ethical judgments. Among the views considered will be intuitionism, emotivism, “good reasons” theory, and those relating to scientific findings. 
Prerequisite: Philosophy 211 or permission of the instructor.
|        |       | Three credit hours. | |
| 331    | History of Ancient Philosophy | Comparative study of the philosophical systems of Plato and Aristotle, with secondary attention to the pre-Socratics, Socrates, Epicurus, the Stoics, and Plotinus. 
Three credit hours. |
|        |       |        | |
| 332    | History of Modern Philosophy | European philosophy from Descartes to the nineteenth century with special attention to the works of Descartes, Spinoza, Leibniz, Locke, Berkley, Hume, and Kant. 
Three credit hours. |
|        |       |        | |
| *[351] | American Thought | American philosophical thought from the colonial period to the present. Readings include major representatives from each period with particular attention to the American enlightenment and pragmatism. 
Prerequisite: Either Philosophy 112, or Philosophy 332; or permission of the instructor. 
Three credit hours. |
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>353</td>
<td>Contemporary Philosophy</td>
<td>Mr. Peters</td>
<td>Major movements in philosophy since 1900.</td>
<td>Two semester courses in philosophy or permission of the instructor. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>354</td>
<td>History of Medieval Philosophy</td>
<td>Mr. Thorwaldsen</td>
<td>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.</td>
<td>Philosophy 331 or permission of the instructor. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>355</td>
<td>Indian Thought</td>
<td>Mr. Saksena</td>
<td>Types of Indian philosophy approached through ancient literature.</td>
<td>Two previous semester courses in philosophy and/or religion; no previous Indian Thought. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>356</td>
<td>Indian Thought</td>
<td>Mr. Saksena</td>
<td>Seen through modern literature.</td>
<td>Two previous semester courses in philosophy and/or religion. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>357</td>
<td>Symbolic and Formal Logic</td>
<td></td>
<td>Principals of semantics. Formal logic systematically studied. Mathematics and Logic.</td>
<td>Philosophy 212. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>359</td>
<td>Nineteenth Century Philosophy</td>
<td></td>
<td>Post-Kantian thinkers such as Hegel, Kierkegaard, Schopenhauer, Nietzsche and Bergson. Special attention to the revolt against reason, evolution, and alienation.</td>
<td>Philosophy 331, 332 or permission of instructor. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>372</td>
<td>Philosophy of Religion</td>
<td>Mr. Todrank</td>
<td>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.</td>
<td>One course in religion, preferably Religion 311, and one in philosophy; or permission of the instructor. Three credit hours.</td>
<td>3</td>
</tr>
<tr>
<td>391, 392</td>
<td>Philosophy Seminars</td>
<td>Staff</td>
<td>Seminars in selected areas of philosophy are presented each semester. Specific subject matter is announced each year prior to registration. Open to majors and non-majors.</td>
<td>Permission of the instructors. Three credit hours.</td>
<td>3</td>
</tr>
</tbody>
</table>
### 431a, 432
**Comprehensive Colloquium Staff**

At meetings scheduled throughout the year each student is responsible for one carefully written report on a comprehensive topic, and one written critique. Required of all senior majors in the department. *Three credit hours.*

### 491, 492
**Topics in Philosophy Staff**

Special topics are chosen each year to meet the needs of the students involved. Primarily for majors in the department.

*Prerequisite:* Permission of the department. *Variable, two to four credit hours.*

### Interdepartmental Course

Education 313, *Philosophy of Education,* is also applicable toward fulfillment of the major in philosophy. See *Education* listing for description of course. *Three credit hours.*

## Physical Education

### 313
**Dance I**
**Miss McFerrin**

Studio composition and the history of dance prior to the twentieth century.

*Prerequisite:* Permission of the instructor. *Three credit hours.*

### 314
**Dance II**
**Miss McFerrin**

Studio composition and contemporary history; twentieth century trends in the dance.

*Prerequisite:* Permission of the instructor. *Three credit hours.*

### 321, 322
**The Organization and Administration of Physical Education and Athletics**
**Mr. Winkin, Mr. Nelson**

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

*Prerequisite:* Permission of instructor; men only. *Three credit hours.*

### 323, 324
**Principles and Methods of Physical Education for Secondary Schools**
**Mrs. Bither**

Policies, practices, standards and educational methods to enable students who will be teaching in secondary schools to assist with physical education and to coach girls' athletics.

*Prerequisite:* Permission of the instructor; women only. *Three credit hours.*
Physics
IN THE DEPARTMENT OF PHYSICS AND ASTRONOMY

141, 142
GENERAL PHYSICS
MR. DUDLEY
An introductory course, quantitative in nature, stressing the interpretation of physical problems in graphical and analytical terms. Laboratory.

Prerequisite: Mathematics 112d, 211d or equivalent (may be taken concurrently). Four credit hours.

†[211]
ELECTROMAGNETIC CIRCUITS AND DEVICES
A first course in circuit analysis. A study of network theory, transients, alternating current theory, and introductory electronics. The course is designed to give a foundation for using modern methods of gathering physical data. Laboratory.

Prerequisite: Physics 142. Four credit hours.

212
OPTICS AND ATOMIC SPECTRA
MR. BANCROFT
Light, and of the structure of the atom as revealed by the spectroscope. Consideration is given to the first order theory of geometrical optics in some detail, followed by physical optics, including interference, diffraction, resolving power, and measurement of wavelength. Spectroscopic problems and the structure of the atom are discussed as class interests dictate. Laboratory.

Prerequisite: Physics 142, and Mathematics 212d (either passed with a grade of C or better or taken concurrently). Four credit hours.

231
MODERN PHYSICS
MR. METZ
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.

Prerequisites: Physics 141, 142 or Chemistry 141, 142, and Mathematics 112d or equivalent. Three credit hours.

311
THERMODYNAMICS AND KINETIC THEORY
MR. METZ
The two basic laws of thermodynamics and their application to ideal gases and to systems of a single component. The kinetic theory of gases, including transport phenomena, is also studied, with some reference to the methods of statistical mechanics. Laboratory.

Prerequisite: Physics 142, and Mathematics 311d, (either passed or taken concurrently). Four credit hours.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td>332</td>
<td>Classical Mechanics</td>
<td>Mr. Metz</td>
<td>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.</td>
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<td>Prerequisite: Physics 142, and Mathematics 312 (either passed or taken concurrently). Four credit hours.</td>
</tr>
<tr>
<td>421, 422</td>
<td>Electricity and Magnetism</td>
<td>Mr. Metz, Mr. Bancroft</td>
<td>Electromagnetic theory and the theory and practice of electrical measurements. Classical problems in electrostatics and magnetostatics are considered. Electrodynamic phenomena are analyzed, and Maxwell’s equations are discussed in their vector form. Laboratory work centers around direct and alternating current circuit components and networks, with particular reference to bridge measurements. Laboratory.</td>
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<tr>
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<td>Prerequisite: Physics 332, Mathematics 311d, 312 (may be taken concurrently); or permission of the department. Four credit hours.</td>
</tr>
<tr>
<td>441, 442</td>
<td>Modern Physics</td>
<td>Mr. Dudley, Mr. Metz</td>
<td>Quantum theory, atomic and nuclear structure, and selected topics in areas of contemporary interest. Laboratory.</td>
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<td>Prerequisite: Physics 332, 421, 422 (421, 422 may be taken concurrently). Four credit hours.</td>
</tr>
<tr>
<td>451, 452</td>
<td>Advanced Physics</td>
<td>Staff</td>
<td>Topics selected to meet the needs of the individual student. Suggested studies are introductory theoretical physics or special experimental problems, or both.</td>
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<td>Prerequisite: Junior standing, at least, and permission. Variable, two to five credit hours.</td>
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**Portuguese**

*IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES*

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<tr>
<th>Course Code</th>
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<th>Instructor(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td><em>221, 222</em></td>
<td>Portuguese as a Second Romance Language</td>
<td>Mrs. Doel</td>
<td>The spoken and written language of Portugal and Brazil, utilizing previous knowledge of a Romance language. Extensive use is made of taped materials. Class meets four times each week.</td>
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<td>Prerequisite: Successful completion of intermediate French or Spanish, or indication of equivalent proficiency by placement test. Open to freshmen, with permission of instructor. Four credit hours.</td>
</tr>
<tr>
<td><em>321, 322</em></td>
<td>Brazilian Civilization</td>
<td>Mrs. Doel</td>
<td>The development of Brazil as seen through its literature and history. Conducted chiefly in Portuguese.</td>
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<td>Prerequisite: Portuguese 222 or permission of instructor. Three credit hours.</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Instructor</td>
<td>Description</td>
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<tr>
<td>325, 326</td>
<td>Portuguese Literature</td>
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<td>A brief survey of Portuguese literature. Conducted chiefly in Portuguese.</td>
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<td><em>Prerequisite:</em> Portuguese 222 or permission of instructor.</td>
</tr>
<tr>
<td>241</td>
<td>Introduction to Psychology</td>
<td>Mr. Gillespie</td>
<td>The principles of general psychology, organized around the development and functioning of the human personality.</td>
</tr>
<tr>
<td>242</td>
<td>Psychological Measurement</td>
<td>Mr. Gillespie</td>
<td>Problems and methods involved in the measurement of abilities, attitudes, and personality.</td>
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<td>Representative instruments from various areas are examined in detail. This course is limited to, and required of, majors in psychology.</td>
</tr>
<tr>
<td>244</td>
<td>Applied Psychology</td>
<td>Mr. Kenyon</td>
<td>A continuation of Psychology 241, designed for non-majors, this course will examine applications and implications of various areas and approaches of contemporary psychology.</td>
</tr>
<tr>
<td>321</td>
<td>Child Psychology</td>
<td>Mrs. Perry</td>
<td>Principles of early development, examined from biological, socio-cultural, and psychodynamic perspectives.</td>
</tr>
<tr>
<td>322</td>
<td>Adolescent Psychology</td>
<td>Mrs. Perry</td>
<td>A continuation of Psychology 321, extending considerations of human development into adolescence and early adulthood.</td>
</tr>
<tr>
<td>341</td>
<td>Comparative Psychology</td>
<td>Mr. Kenyon</td>
<td>A comparative study of behavioral development, both inter- and intra-species, geared to illuminating selected problems of human behavior (e.g., intelligence, memory, perception) and to evaluating appropriate methodologics.</td>
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interdisciplinary and relates behavioral studies to genetics, neurophysiology, and neuroanatomy rather than solely to psychological theories.

*Prerequisite:* Psychology 242 or 244 or equivalent or permission of instructor. *Three credit hours.*

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<th>Instructor</th>
<th>Prerequisites</th>
<th>Credits</th>
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<tbody>
<tr>
<td>355</td>
<td>Abnormal Psychology</td>
<td>Mr. Perez</td>
<td>Psychology 231 or 241 (or equivalent), or permission of the instructor.</td>
<td>Two credit hours</td>
</tr>
<tr>
<td>381, 382</td>
<td>Experimental Psychology</td>
<td>Mr. Kenyon</td>
<td>Discussion of the planning, execution, and interpretation of research in psychology, with special attention to the areas of learning and perception.</td>
<td>Four credit hours</td>
</tr>
<tr>
<td>451d</td>
<td>History and Systems of Psychology</td>
<td>Mr. Kenyon</td>
<td>The historical development of modern psychology and the development of such systematic viewpoints as behaviorism, Gestalt psychology, and psychoanalysis.</td>
<td>Three credit hours</td>
</tr>
<tr>
<td>453</td>
<td>Social Psychology</td>
<td>Mr. Gillespie</td>
<td>Selected topics in contemporary social psychology: attitudes, socialization, culture and mental health, etc.</td>
<td>Three credit hours</td>
</tr>
<tr>
<td>454</td>
<td>Contemporary Psychology</td>
<td>Mr. Gillespie</td>
<td>Selected problems drawn from major contemporary issues in psychology and related fields.</td>
<td>Three credit hours</td>
</tr>
<tr>
<td>455</td>
<td>Problems in Abnormal Psychology</td>
<td>Mr. Perez</td>
<td>Consideration of current issues in psychopathology.</td>
<td>One credit hour</td>
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</tbody>
</table>
### Special Topics

**491d**  
**Special Topics**

*MR. GILLESPIE AND STAFF*

Individual projects, in areas where the student has demonstrated the interest and competence necessary for independent work.

*Prerequisite:* Permission of the instructor. *Three credit hours.*

### Physiological Psychology

**494**  
**Physiological Psychology**

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 381, 382 or permission of the instructor. *Three credit hours.*

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## Religion

### In the Department of Philosophy and Religion

#### 111

**Introduction to Western Religion**

*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. *Three credit hours.*

#### 218

**The Scientific Study of Religion**

*MR. F. HUDSON*

Religion as a psychological, sociological, and transcultural phenomenon, with considerable attention to the methodology of religious study. The course will review the major theories on the origin of religion, the nature of religious experience, and the relationship of religion to magic, science and art; but the main focus will be on the refinement of analytical concepts for understanding the mythic and ritual patterns of ultimate commitment operative in society today. *Three credit hours.*

#### 223, 224

**Biblical Literature**

*MR. TODRANK*

Biblical literature in terms of its historical and cultural context, its original meaning, and its relevance to the contemporary world. The first semester deals with the Old Testament; the second, with the Apocrypha and the New Testament. *Three credit hours.*
311, 312
Great Religions of the East
Mr. Thorwaldsen

The origins and chief characteristics of Hinduism, Buddhism, Taoism, Confucianism, Zoroastrianism, and Islam. Three credit hours.

†[314]
Religion in American Life

The role of religion in American culture, with particular attention to the characteristics of Judaism, Roman Catholicism, Protestantism and the Orthodox churches.

Prerequisite: Religion 111 or 311 or special permission. Three credit hours.

†[315]
Recent Trends in Christian Thought

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 permission of the instructor. Three credit hours.

391, 392
Religion Seminars Staff

Seminars in selected areas in the field of religion are presented each semester. Specific subject matter is announced each year prior to registration. Open to majors and non-majors.

Prerequisite: Permission of the instructors. Three credit hours.

491, 492
Topics in Religion

Special topics are chosen each year to meet the needs of the students involved. Primarily for majors in the department.

Prerequisite: Permission of the department. Variable, two to four credit hours.

Russian

In the Department of Modern Foreign Languages

101, 102
Elementary Russian
Mr. Kempers

Introduction to the language by a modified audio-lingual method with emphasis on understanding, speaking, and reading, and presentation of the Cyrillic alphabet. Use of taped materials in the language laboratory is a regular part of the class work. Class meets daily Monday through Friday. Four credit hours.
103, 104
**Intermediate Russian**
instructor

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

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

225, 226
**Advanced Russian**
Mr. Kempers, 
instructor

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

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

321, 322
**Introduction to Russian Literature**
Mr. Kempers

The complete works of some of the great Russian authors of the 19th century, with emphasis on the novel and theatre.

*Prerequisite:* Russian 225, 226, or permission of the instructor. *Three credit hours.*

491, 492
**Topics in Russian Literature**
Mr. Kempers, 
instructor

Topics, which change each semester, may cover an author, a genre, or a literary movement. Topics for 1968-69 to be announced.

*Prerequisite:* Permission of the instructor. *Three credit hours.*

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**Social Science**

**DIVISIONAL COURSE**

121c, 122
**Great Social Thinkers and Problems of the Western World**
Mr. Reuman and 
staff

First semester (and for a part of the second semester): a study of writings of a few great social thinkers from Plato through Locke and Marx. Remainder of the second semester: discussion sections will separate so that (using seminar methods) each may consider intensively a special contemporary problem for which the readings of the first semester are background.
The problems for 1968-69 will be similar to those considered in 1967-68: the idea of the primitive; economic determinism; social change; socialism and Communism; mass society; America and Marxism. Three credit hours.

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**Sociology**

**112 Interaction Process Analysis**

MR. ROSENTHAL

The study of theories and methods of understanding interpersonal behavior as it occurs in small groups. An attempt to synthesize concepts, theory, and observation of the group.  
*Prerequisite:* Permission of the instructor. *Three credit hours.*

**221c, 222 Principles of Sociology**

STAFF

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. *Three credit hours.*

**‡[331] Introduction to Social Work**

Types of contemporary social problems and the application of social work techniques to these areas. The nature and history of social work and history is emphasized. Field trips during October and/or November may be required. This course cannot be used to fulfill the requirements for the major.  
*Prerequisite:* Sociology 221, 222. *Three credit hours.*

**333 Delinquency and Crime**

MR. GEIB

Delinquency and crime 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. *Three credit hours.*

**352 Race and Minorities**

MR. BIRGE

Major problems of race and minority groups in the modern world.  
*Prerequisite:* Sociology 221, 222. *Three credit hours.*

**353 Urban Sociology**

MR. BIRGE

An eclectic study of the city as a sociological phenomenon: the historical and ecological development of the city; population and selective migration; group life and personality; and organization and disorganization of urban areas.  
*Prerequisite:* Sociology 221, 222. *Three credit hours.*
354
Comparative Social Systems
MR. DOEL
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. Three credit hours.

†[361, 362]
Cultural Anthropology
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. Three credit hours.

371
Social Stratification
MR. DOEL
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 are emphasized.
Prerequisite: Sociology 221, 222. Three credit hours.

373
The Family
MRS. BROWN
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. Three credit hours.

†[392]
Social Change
Although an historical approach is used at times, this course is primarily theoretical. The mechanisms, functions, and the consequences of social change. Particular attention to the relevance of social change for the social order.
Prerequisite: Sociology 221, 222. Three credit hours.

393
Complex Social Organizations
STAFF
Utilizing an historical perspective and sociological orientation this course will examine the existing empirical data and theoretical concepts dealing with the behavior of people in business and other organizations.
Prerequisite: Sociology 221, 222.
Note: This course is offered cooperatively with Business Administration 413. A student may not receive credit for both Sociology 393 and Business Administration 413. Three credit hours.

394
Sociology of Art
MRS. BROWN
Artistic traditions of folk societies; analysis of the function of myths, songs, poetry and visual arts in primitive societies.
Prerequisite: Sociology 221, 222. Three credit hours.
**Collective Behavior**  
MR. GEIB  

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

*Prerequisite: Sociology 221, 222. Three credit hours.*

**Sociology Seminar**  
MR. BIRGE  

Major problems of sociology as a science. Much of the work is devoted to individual projects.  

*Prerequisite: Senior standing and permission of the instructor. Three credit hours.*

**Normative Social Theory**  
MR. DOEL  

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. Three credit hours.*

**History of Sociological Theory**  
MR. GEIB  

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. Three credit hours.*

**Special Topics**  
MR. DOEL  

Topics in 1969: an exploration of literature in the sociology of religion.  

*Prerequisite: Senior standing and permission of instructor. Three credit hours.*

**In the Department of Modern Foreign Languages**  

**Spanish**  

**Elementary Spanish**  
MR. PÉREZ AND STAFF  

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

*Four credit hours.*
103, 104
INTERMEDIATE SPANISH
MR. CAUZ AND STAFF

Continued practice in the oral-aural skills, with increasing emphasis on reading and writing through use of reading from Spanish and Latin American literature. Studies, and grammar review supplemented with drill work in the laboratory.

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

125, 126
INTRODUCTION TO SPANISH LITERATURE
MR. STEWART

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

**Prerequisite:** Spanish 103, 104 or 121, 122. **Three credit hours.**

127, 128
WRITING WORKSHOP IN SPANISH
MR. STEWART

Practice in writing, free composition, grammar review. Conducted chiefly in Spanish.

**Prerequisite:** Student must be registered concurrently in Spanish 125, 126. **One credit hour.**

257
THE GENERATION OF 1898
MR. CAUZ

The more important members of the generation of 1898, with emphasis on Unamuno, Azorin, Baroja, Valle-Inclan, and Machado. Conducted chiefly in Spanish.

**Prerequisite:** Spanish 141, 142. **Three credit hours.**

258
SPANISH LITERATURE OF THE TWENTIETH CENTURY
MR. CAUZ

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

**Prerequisite:** Spanish 141, 142. **Three credit hours.**

321, 322
HISPANIC-AMERICAN LITERATURE
MRS. DOEL

The development of Hispanic literature and civilization in the new world from the period of colonization through the contemporary period. Conducted chiefly in Spanish.

**Prerequisite:** Spanish 141, 142. **Three credit hours.**

†[351]
THE THEATRE OF THE GOLDEN AGE

The theatre of the Golden Age, with emphasis on Lope de Vega, Tirso de Molina, Ruiz de Alarcon, and Calderon de la Barca. Conducted chiefly in Spanish.

**Prerequisite:** Spanish 257, 258. **Three credit hours.**
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<tr>
<th>Course</th>
<th>Description</th>
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<td>The Novel of the Golden Age</td>
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<tr>
<td>355</td>
<td>Spanish Drama and Poetry of the Nineteenth Century</td>
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<tr>
<td>356</td>
<td>The Spanish Novel of the Nineteenth Century</td>
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<td>411</td>
<td>Teaching of Modern Foreign Languages</td>
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<tr>
<td>491, 492</td>
<td>Topics in Spanish and Latin American Literature</td>
</tr>
</tbody>
</table>
Preparation for Graduate and Professional Schools

The director of placement and career planning advises 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.

<table>
<thead>
<tr>
<th>ARTS AND SCIENCES</th>
<th>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 will be advised to take the Graduate Record Examination.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW AND GOVERNMENT SERVICE</td>
<td>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.</td>
</tr>
<tr>
<td>DENTISTRY</td>
<td>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 requirements 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.</td>
</tr>
</tbody>
</table>
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.

Colby College and the University of Rochester are affiliated in a joint program whereby a student may acquire an education in the liberal arts and also in engineering in a five-year period, with three years spent at Colby College and two at the University. On successful completion of the program the student may be awarded a Bachelor of Arts degree from Colby and a Bachelor of Science in Engineering degree from Rochester.

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.

Students graduating in this program are exempt from Colby's usual requirement of residence during the senior year.

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

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.

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

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

More and more students planning to teach in high schools now consider a fifth year of preparation at the university level. Many students have participated in such 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 AND APPENDICES

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   COLLEGE CALENDAR, 1968-1969, INSIDE BACK COVER
# The Corporation

**Corporate Name**  
The President and Trustees of Colby College

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<tr>
<th>OFFICERS</th>
<th>President</th>
<th>Waterville, Maine</th>
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<tbody>
<tr>
<td></td>
<td>ROBERT EDWARD LEE STRIDER II</td>
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<tr>
<td>Chairman of the Board</td>
<td>ELLERTON MARCEL JETTE, LL.D.</td>
<td>Sebec Village, Maine</td>
</tr>
<tr>
<td>Dean of the Faculty</td>
<td>ERNEST PARKER JOHNSON, PH.D.</td>
<td>Oakland, Maine</td>
</tr>
<tr>
<td>Administrative Vice-President</td>
<td>RALPH SAMUEL WILLIAMS, M.B.A.</td>
<td>Waterville, Maine</td>
</tr>
<tr>
<td>Vice-President for Development</td>
<td>EDWARD HILL TURNER, B.A.</td>
<td>Belgrade, Maine</td>
</tr>
<tr>
<td>Secretary</td>
<td>RALPH SAMUEL WILLIAMS, M.B.A.</td>
<td>Waterville, Maine</td>
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<tr>
<td>Treasurer</td>
<td>ARTHUR WILLIAM SEEPE, M.C.S.</td>
<td>Waterville, Maine</td>
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<th>BOARD OF TRUSTEES</th>
<th>1967-1969</th>
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<tr>
<td>(AL. 1969)</td>
<td>ASA CHARLES ADAMS, M.D.</td>
</tr>
<tr>
<td>(1972)</td>
<td>JEAN GANNETT ARNZEN (MRS.) HH.D., L.H.D.</td>
</tr>
<tr>
<td>(1970)</td>
<td>ALIDA MILLIKEN CAMP (MRS.), B.A.</td>
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<tr>
<td>(1969)</td>
<td>EVERETT RICHARD DRUMMOND, M.B.A.</td>
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<tr>
<td>(1972)</td>
<td>JOHN WARNER FIELD, B.A.</td>
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<td>(1972)</td>
<td>JOHN JEWETT GARLAND, M.A.</td>
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<td>(AL. 1970)</td>
<td>NISSIE GROSSMAN, B.A.</td>
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<td>(AL. 1969)</td>
<td>THEODORE ROOSEVELT HODGKINS, B.S.</td>
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<td>(1970)</td>
<td>RUTH RICH HUTCHINS (MRS.), B.A.</td>
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<td></td>
<td>ELLERTON MARCEL JETTE, LL.D.</td>
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<tr>
<td>(AL. 1971)</td>
<td>CLAYTON WEARE JOHNSON, M.A.</td>
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<tr>
<td>(1971)</td>
<td>GORDON BURR JONES, M.B.A.</td>
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<td></td>
<td>NEIL LEONARD, LL.B., LL.D.</td>
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<td>(AL. 1971)</td>
<td>ROBERT ALLEN MARDEN, LL.B.</td>
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<tr>
<td>(AL. 1969)</td>
<td>RITA ANN MCCAIFE, B.A.</td>
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<tr>
<td>(1969)</td>
<td>DAVID MCKENZIE OGLIVY, M.A.</td>
</tr>
<tr>
<td>(1973)</td>
<td>ALBERT CARLTON PALMER, B.A.</td>
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<td>(AL. 1970)</td>
<td>BETTINA WELLINGTON PIPER, (MRS.), B.A.</td>
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<td>(1974)</td>
<td>WILSON COLLINS PIPER, LL.B.</td>
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<td>(1972)</td>
<td>FREDERICK ALBERT POTTLE, PH.D., LITT. D.</td>
</tr>
<tr>
<td>(AL. 1968)</td>
<td>HENRY WESTON ROLLINS, B.A.</td>
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<tr>
<td>(1971)</td>
<td>DWIGHT EMERSON SARGENT, M.A.</td>
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<tr>
<td>(1971)</td>
<td>JOSEPH COBURN SMITH, M.A., L.H.D.</td>
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1 Honorary life member.
Reginald Houghton Sturtevant, B.A., LL.D. Livermore Falls, Maine

(Al. 1971) Jean Margaret Watson, M.A.

(1973) Esther Ziskind Weltman (MRS.), M.Ed., LL.D. Longmeadow, Massachusetts


Faculty Representatives

(1970) Robert Mark Benbow, Ph.D. Waterville, Maine

(1969) Donaldson Koons, Ph.D. Waterville, Maine

Fellows of Colby College

Clifford A. Bean Concord, Massachusetts
Carleton D. Brown Waterville, Maine
Edward L. Bond Boston, Massachusetts
H. King Cummings Newport, Maine
Augustine A. D'Amico Bangor, Maine
Norris E. Dibble Longmeadow, Massachusetts
Richard N. Dyer Waterville, Maine
Robert R. Edge Brownville, Maine
Edith E. Emery Haverhill, Massachusetts
Arthur G. Eustis Larchmont, New York
Hilda M. Fife Bangor, Maine
D. Raymond Holt Winthrop, Maine
Curtis M. Hutchins Bangor, Maine
Edith J. Jetté Sebec Village, Maine
Virginia and Harold Mackey Bronxville, New York
Bernice B. McGorrill Portland, Maine
John McGowan Waterville, Maine
Wilson Parkhill Belgrade, Maine
Robert C. Rowell Waterville, Maine
Ninetta W. Runnals Dover-Foxcroft, Maine
Arthur W. Seepe Waterville, Maine
Oren R. Shiro Waterville, Maine
Laurel and Arline Thompson Washburn, Maine
Edward H. Turner Belgrade, Maine
George E. Whalon Waterville, Maine
Ralph S. Williams Waterville, Maine
COMMITTEES OF THE BOARD
OF TRUSTEES, 1967-1968

BUDGET AND FINANCE Mr. Field, Chairman, Messrs. Anthony, Carter, Garland, Palmer, and Sturtevant. Mr. Williams, Secretary.

BUILDINGS AND GROUNDS Mr. Drummond, Chairman, Mrs. Hutchins, Mrs. Piper, and Mr. Woolworth. Mr. Williams, Secretary.

DEVELOPMENT Mr. Smith, Chairman, Messrs. Adams, Carter, Grossman, Johnson, and Miss McCabe. Mr. Turner, Secretary.
Messrs. Bean and Eustis, Mr. and Mrs. Mackey, and Mr. and Mrs. Thompson.

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Dr. Fife, Miss Emery, Mr. Parkhill, and Miss Runnals.

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HONORARY DEGREE Dr. Pottle, Chairman, Dr. Adams, Mrs. Hutchins, Messrs. Sargent and Smith, and Professors Benbow and Koons.

INVESTMENT Mr. Jones, Chairman, Messrs. Drummond, Sturtevant, and Woolworth. Mr. Williams, Secretary.

NOMINATING Mr. Smith, Chairman, Mrs. Arnzen, Messrs. Carter, Jones, Piper, and Sargent.

PLANNING Messrs. Palmer and Piper, Co-Chairmen, Mrs. Arnzen, Messrs. Garland, Grossman, Hodgkins, Ogilvy and Smith, Mrs. Weltman, and Mr. Woolworth. Mr. Turner, Secretary.
Faculty 1967-1969

emeriti

Julius Seelye Bixler, Ph.D., D.D., L.H.D., LL.D., D.C.L., LITT.D
Professor-Emeritus of Philosophy; President-Emeritus
Walter Nelson Breckenridge, M.A., L.H.D.
Professor-Emeritus of Economics
Wilbert Lester Carr, M.A., L.L.D., Professor-Emeritus of Latin
Webster Chester, M.A., S.C.D., Professor-Emeritus of Biology
Professor-Emeritus of Education and Psychology
Arthur Samuel Fairley, Ph.D., Professor-Emeritus of Physics
and Astronomy
William Alexander Macomber, B.S., Associate Professor-Emeritus of Education
E. Janet Marchant, M.A., Associate Professor-Emeritus of Physical Education and Athletics
Ernest Cummings Marriner, M.A., L.H.D.
Professor-Emeritus of English; Dean-Emeritus; College Historian
John Franklin McCoy, M.A., Professor-Emeritus of Modern Languages
George Thomas Nickerson, M.A., Dean-Emeritus of Men
LueLLa Fredericka Norwood, Ph.D., Professor-Emeritus of English
Clifford Hazeldine Osborne, B.A., D.D., Professor-Emeritus of Religion; Chaplain-Emeritus
Ninetta May Runnals, M.A., LITT.D.
Professor-Emeritus of Education; Dean-Emeritus
Frances Fenn Seaman (Mrs.), B.Mus., Dean-Emeritus of Students
Norman Swasey Smith, M.Ed., Associate Professor-Emeritus of Education
Everett Fisk Strong, B.A., M.A.
Professor-Emeritus of Modern Languages
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

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 (Retired, June 1968)  
JEAN D. BUNDY, PH.D.* (Washington State, Wisconsin)  
Professor of Modern Languages  
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  
ALICE PATTEE COMPARETTI (MRS.), PH.D. (Rockford, Cornell)  
Professor of English  
ERMANNINO F. COMPARETTI, PH.D. (Cornell)  
Professor of Music  
KEMP FREDERICK GILLUM, PH.D. (Illinois, Wisconsin)  
Professor of History  
HENRY HOLLAND, PH.D.§ (Maine, Harvard, Madrid)  
Professor of Modern Languages  
†CHARLES LESLIE HOWARD, M.A. (Oxford)  
Professor of Classics  
ERNST 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  
PAUL EWERS MACHEMER, PH.D. (Princeton, Pennsylvania)  
Professor of Chemistry  
ALBERT ANTHONY MAVRINAC, PH.D. (Pittsburgh, Harvard)  
Professor of Government  
LEONARD WITHINGTON MAYO, B.A. (Colby)  
Professor of Human Development  
*VISHWANATH SHRIDHAR NARAVANE, PH.D. (Allahabad)  
Visiting Professor of Philosophy  
ROBERT WHITE PULLEN, PH.D. (Colby, Massachusetts Institute of Technology)  
Professor of Economics
HAROLD BRADFORD RAYMOND, PH.D. (Black Mountain, Harvard)  
Professor of History

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

EVANS BURTON REID, PH.D. (McGill)  
Merrill Professor of Chemistry; Acting Dean of the Faculty

SHRI KRISHNA SAKSENA, PH.D. (Allahabad, London)  
Visiting Professor of Philosophy

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

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

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

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

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

ASSOCIATE PROFESSORS  

CLIFFORD JOSEPH BERSCHNEIDER, M.A. (Duquesne, Pittsburgh)  
Associate Professor of History

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

MARJORIE DUFFY BITHER (MRS.), M.A. (Simmons, Columbia)  
Associate Professor of Physical Education

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

KENNETH POND BLAKE, JR., M.S. (Brown, Boston, Simmons)  
Associate Professor; Librarian

DAVID GORDON BRIDGMAN, PH.D. (Yale, Wisconsin, Harvard)  
Associate Professor of History

WALTER J. BROOKS, A.B. (Harvard), (Major, USAF)  
Associate Professor (designated Professor) of Aerospace Studies

EILEEN MARY CURRAN, PH.D. (Cornell, Cambridge)  
Associate Professor of English

RONALD BARNARD DAVIS, PH.D. (Grinnell, New Hampshire, Cornell)  
Associate Professor of Biology

JOHN MINOT DUDLEY, PH.D. (Massachusetts Institute of Technology, California at Berkeley)  
Associate Professor of Physics

THOMAS WILLIAM EASTON, PH.D. (Maine, Brown)
Associate Professor of Biology

FREDERICK ARTHUR GEIB, M.A. (New Hampshire, Brown)
Associate Professor of Sociology

JAMES MACKINNON GILLESPIE, PH.D. (Harvard)
Associate Professor of Psychology

CHARLES F. HICKOX, JR., PH.D. (Harvard, Columbia, Yale)
Associate Professor of Geology; Director of Financial Aid;
Coordinator of Government Supported Programs

†HAROLD ALVIN JACOBSON, ED.D. (Bowling Green, Harvard)
Associate Professor of Education

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

FLORENCE ELIZABETH LIBBEY, M.S. (Colby, Columbia)
Associate Professor; Associate Librarian

COLIN EDWARD MACKAY, PH.D. (Brown)
Associate Professor of English

EARLE ALTON MCKEEN, M.ED. (Colby, Maine)
Associate Professor; Director of Placement and Career Planning

WILLIAM BLACKALL MILLER, PH.D. (Harvard, Columbia)
Associate Professor of Fine Arts

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 of Chemistry

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

JONAS OETTINGER ROSENTHAL, M.A. (Swarthmore, North Carolina)
Associate Professor of Sociology; *Associate Dean of Students;
†Dean of Students

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

*FRANCES FENN SEAMAN (MRS.), B.MUS. (Oberlin)
Associate Professor; *Dean of Students (Retired June 1968)

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, M.ED. (Tufts, Harvard)
Associate Professor of Education (Retired June 1968)
IRVING DAVID Suss, PH.D. (North Carolina, Columbia)
Associate Professor of Dramatics in the Department of English
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Associate Professor of English
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Associate Professor of Philosophy and Religion
GUENTER WEISSBERG, PH.D. (New York University, Columbia Law, Columbia)
Associate Professor of Government
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JOHN WORDE WINKIN, JR., ED.D. (Duke, Columbia)
Associate Professor of Physical Education
FLOYD CELAND WITHAM, M.A.* (Colby, Stanford)
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LUCILLE PINETTE ZUKOWSKI (MRS.), M.A. (Colby, Syracuse)
Associate Professor of Mathematics

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Assistant Professor of Physical Education
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Assistant Professor of Psychology; Dean of Admissions
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Assistant Professor of Modern Languages
GEORGE LEIDIGH COLEMAN II, M.A. (Cornell, Kansas)
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  Assistant Professor of Economics

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  Assistant Professor of Modern Languages

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  Assistant Professor of Biology

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  Assistant Professor of Business Administration*
  Assistant Professor of Economics†

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  Assistant Professor of Philosophy

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Assistant Professor of English

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Assistant Professor of English

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Assistant Professor of Physics

YUN-TONG PAN, M.A.* (National Taiwan University, Massachusetts)
Assistant Professor of Government

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†JEANNE HOEY PERRY (MRS.), PH.D. (Centenary, New Hampshire, Boston University, Nottingham, Cambridge)
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Assistant Professor of Modern Languages
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Assistant Professor of Physical Education
*MARCE Ann WEINBEL (MRS.), M.ED. (East Stroudsburg, Maine)
Assistant Professor of Physical Education
†RICHARD THOMAS WOTRUBA, C.A.G.S. (Holy Cross, Massachusetts)
Assistant Professor of Physical Education

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Instructor in Physical Education
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Instructor in Modern Languages†
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Instructor in Philosophy and Religion†
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Instructor in Sociology
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Instructor in Modern Languages
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Instructor in English
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Instructor in Mathematics
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Instructor in Modern Languages
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Instructor in Business Administration
†JEFFREY TAFT LATHROP, B.A. (Colby)
Instructor in Physical Education
*THOMAS GEORGE MAPP, M.F.A. (Dartmouth, Yale)
Instructor in Art
HARRIETT MATTHEWS, M.F.A. (Sullins Junior, Georgia)
_Instructor in Art_

Marilyn Sweeney Mavrincic (MRS.), M.A. (Wellesley, Columbia University)
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EDWIN JAY MECK III, M.A. (Michigan, Syracuse)
_Instructor in English_

†MARY MARGARET MISRAHI, M.A. (Manhattanville, University of Pennsylvania)
_Instructor in Modern Languages_

*JONATHAN FREDDIE MOODY, B.A.* (Colby)
_Instructor in Philosophy and Religion‡_

†TATIANA MURSIN (MRS.), M.A. (Vassar, New York University)
_Instructor in Modern Languages_

CARL E. NELSON, M.ED. (Boston University, Maine)
_Instructor in Physical Education; Director of Health Services_

*ROBERT TAFT OLMSTEAD, JR., M.A. (Yale, St. Andrews, Stanford)
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_Instructor in Government_

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_Instructor in Modern Languages_

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_Instructor in Physical Education_

†GEOFFREY WAYNE SMITH, M.S. (Tufts, Maine)
_Instructor in Geology_

BRUCE SPIEGELBERG, M.A. (Brooklyn, California at Berkeley)
_Instructor in English_

†JULES STEWART, M.A. (New York University)
_Instructor in Modern Languages_

†ROLAND W. THORVALDSEN, M.A. (Monmouth, California at Berkeley, Church Divinity)
_Instructor in Philosophy and Religion_

*FRANCOISE RENEE VILLAINE, Licence d’Anglais (Faculte des lettres, Nantes)
_Instructor in Modern Languages_

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*1967-68 but not 1968-69
†Beginning September 1968
‡Part time
1On leave, first semester 1967-68
2On leave, second semester 1967-68
3On leave, full year 1967-68
4Second semester 1967-68 only
5On leave, first semester 1968-69
6On leave, second semester 1968-69
7On leave, full year 1968-69
8Promoted to listed rank, effective for the academic year 1968-69
FACULTY COMMITTEE ASSIGNMENTS 1967-1968

(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; Acting Dean Reid; Vice-President Williams; Dean Seaman; Professors Terry (68), Kellenberger (69), and Birge (70); Assistant to the President, Mr. Dyer; and Administrative Assistant to the President, Mr. Makinen, Secretary to the Committee.

ADMISSIONS Acting Dean Reid; Vice-President Williams; Dean Seaman and Associate Dean Rosenthal; Professors Gemery (68), Hayslett (69), and Cauz (70); Dean of Admissions, Mr. Carroll; and Director of Placement and Career Planning, Mr. McKeen.


ARCHITECTURAL Professor Miller; Acting Dean Reid; Vice-President Williams; Professors H. Koonce, McFerren, and Otto.

ATHLETICS Professors Machemer, Burke, Kempers, Schmidt, Simpson, Winkin; and Mr. Jacobs.

BOOKSTORE Professors Dudley, E. Comparetti, Mills, F. Perez, Seepe, Suss, and Wade; Messrs. Makinen and Norford.

COMMENCEMENT Alumni Secretary, Mr. Farr; Vice-President Williams; Vice-President Turner; Professors Cary, Geib, and Miller; Mrs. Doel, and Mr. Burke; Registrar, Professor Coleman; Assistant to the President, Mr. Dyer; Director of Summer and Special Programs, Professor Simpson; Librarian, Professor Blake; Director of Annual Giving, Mr. Bruce; Superintendent of Buildings and Grounds, Mr. Whalon; Director of Food Services, Mr. O'Connor; Director of Runnals Union, Mrs. Hamilton; College Editor, Mr. Robertson; a senior man and a senior woman.

EDUCATIONAL POLICY Acting Dean Reid; Associate Dean Rosenthal; Professors Gillespie (68), Machemer (68), Reuman (68); J. Hogendorn, Benbow, Gemery, Mavrinac, Mayo, and G. Smith; Administrative Assistant to the President, Mr. Makinen, Secretary to the Committee and two students.
SUBCOMMITTEE ON JANUARY PROGRAM
Acting Dean Reid; Professors Gemery, Kueter, McFerren, Mizner, P. Perez; Miss Johnson and two students.

EXAMINATIONS AND SCHEDULE
Registrar, Professor Coleman; Professors Combellack, Mills, Ray, G. Smith, and Winkin; Miss Matthews, Messrs. Cox and Pan.

FACULTY RESEARCH, TRAVEL, AND SABBATICALS
Acting Dean Reid; Vice-President Williams; Professors Breckenridge, Carpenter, Holland, and Scott.

FINANCIAL AID
Vice-President Williams; Dean Seaman; Associate Dean Quillin; Treasurer, Mr. Seepe; Dean of Admissions, Professor Carroll; Director of Financial Aid, Professor Hickox; Professors Y. Hudson (68)—Semester II, Machemer-Semester I, Sutherland (68), Knight (69), and Pestana (70).

FOREIGN STUDENTS AND FOREIGN STUDY
Professor Holland; Acting Dean Reid; Deans Seaman and Carroll; Associate Dean Rosenthal; Professors Biron, Elison, Hennessy, J. Hogendorn, F. Hudson, Junghans, and L. Zukowski; Mr. Pan; Registrar, Professor Coleman; Director of Financial Aid and Government Supported Programs, Professor Hickox and Prof. Mizner.

FRESHMAN WEEK
Director of Annual Giving, Mr. Bruce; Acting Dean Reid; Associate Deans Quillin and Rosenthal; Professors Bancroft, M. Bither, Davis, Gillum, and Westervelt; Director of Placement and Career Planning, Mr. McKeen; Registrar, Professor Coleman.

GRADUATE SCHOLARSHIPS AND PROFESSIONAL SCHOOL ADVISING
Acting Dean Reid; Director of Placement and Career Planning, Mr. McKeen; Director of Financial Aid and Government Supported Programs, Mr. Hickox; Professors Berschneider, P. Bither, W. Brown, Kellenberger, Mavrinac, Mayo, Miller, Ray, Scott, Terry, Todrank and Prof. Brancaccio.

HONORARY DEGREES
Professors Koons, Benbow, Mavrinac, Raymond, G. Smith, Weisberg, and Miss Matthews.

LIBRARY
Professors Junghans, Blake, A. Comparetti, Davis, Y. Hudson (Semester II), Gillum, Libbey, Pestana, Wees (Semester I), K. Weinbel, and Mr. Spiegelberg.
PROFESSIONAL PREPARATION Ex officio members: Dean Seaman; Associate Deans Quillin and Rosenthal; Director of Placement and Career Planning, Mr. McKeen; and Director of Financial Aid and Government Supported Programs, Mr. Hickox.

College Teaching Professors Scott, Bridgman, Gemery, Hayslett, Schmidt, and Westervelt; Mr. Cox.

Engineering Professors Ray, Dudley, Junghans, and Otto.

Law and Government Service Professors Berschneider, Breckenridge, Kenyon, and Weissberg.

Medicine Professors Terry, Gillespie, Machemer, and Maier.

Secondary School Teaching Director of Placement and Career Planning, Mr. McKeen; Professors Bancroft, Brancaccio, Brooks, Combellack, Dunklee, Kempers, and N. Smith.

Theology Professors F. Hudson, Todrank, and Associate Dean Quillin.

REMEMBRANCE Professors Ullom, M. Bither, Heinrich, Libbey, McKeen, Simpson, and Todrank.

Senior Scholars Professors Miller, Bancroft, Biron, Bridgman, Cary, Maier, Mackay, Ré, and W. Zukowski.


Standing Professor Koons; Acting Dean Reid; Dean Seaman; Associate Dean Rosenthal; Professors Chapman and Pullen; Registrar, Professor Coleman.
Administrative Staff 1967-1969

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VICE-PRESIDENT FOR DEVELOPMENT
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Jonas Oettinger Rosenthal, M.A. ²

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Charles Robert Quillin, Ph.D.
Jonas Oettinger Rosenthal, M.A. ²

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Ellen M. McCue, M.A. ³
Frank Platten Stephenson, B.A.

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CHAPLAIN
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Evert Michael Makinen, B.A.

ASSISTANT TO THE PRESIDENT
Richard Nye Dyer, B.A.

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Helen K. Parker (Mrs.), M.A.

DIRECTOR OF STUDENT ACTIVITIES ³
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DIRECTOR OF NEWS BUREAU ²
Earl H. Smith, B.A.

ASSISTANT TO THE TREASURER
Robert E. Wilson, B.S. in B.A., C.P.A.

SUPERINTENDENT OF BUILDINGS AND GROUNDS
George Edward Whalon

¹ On leave 1967-1968
² 1967-1968, but not 1968-1969
³ Effective September 1968
⁴ Retired June 1968
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Carl E. Nelson, M.Ed.

DIRECTOR OF FOOD SERVICE
J. Paul O'Connor

DIRECTOR OF RUNNALS UNION2
Florence N. Hamilton (Mrs.)

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Ernest Cummings Marriner, L.H.D.

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Millard Everett Trott

MANAGER OF SUPPLY AND MIMEOGRAPH SERVICE
Pauline Lawton O'Connell (Mrs.)

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Major Leo T. Mills, m.a.
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Staff Sergeant Edward K. Kenney1
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Staff Sergeant Donald J. Rich1

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F. Elizabeth Libbey, M.S.
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Technical Services Librarian
R. Webb Noyes, M.S.1
Technical Services Classifier
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Periodical Assistant
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Circulation Assistant
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Information and Switchboard
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Secretary to the Director of Placement and Career Planning
Doris F. Gardner (Mrs.)
Secretary, Art Department
Jeanne Hammond (Mrs.), B.A.
Secretary, Registrar's Office

1 Retired September 1, 1968
2 Effective September 1, 1968
3 Effective September 1968
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Secretary, Chaplain's Office
Charlotte Hinckley
Secretary to the Associate Dean of Students
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Secretary to the President
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Mabel Lancaster
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Cashier, Treasurer's Office
Alice Poirier (Mrs.)
Secretary, English; History & Government
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Secretary, Development Council
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Payroll Clerk
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Secretary, Office of the Dean of Students
Joyce Rowe (Mrs.)
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Carmeline Roy
Secretary, Alumni Office
Mary C. Roy (Mrs.)
Secretary, Alumni Office
Teresa M. Roy
Assistant Secretary, Admissions Office
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Assistant to the Dean of Students
Loyce P. Tully (Mrs.)
Assistant Secretary, Admissions Office
Elizabeth Eleanor Warren (Mrs.)
Secretary to the Administrative Vice-President
Barbara Williamson (Mrs.)
Mailing Room Clerk

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General Foreman
J. Norman Poulin
Sanitation Foreman
Robie F. Bickmore
Heating Foreman
Femand J. Michaud
Outside Foreman
Roy Brackett
Electrical Foreman

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Clarence E. Dore, M.D.
College Physician
John F. Reynolds, M.D.
Consultant in Surgery
Carl E. Nelson, M.Ed.
*Director of Health Services*
Bertha H. Worster (Mrs.), R.N.
*Head Nurse in Residence*

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Elva Kingsbury (Mrs.), L.P.N.
Jean Palmer, R.N.
Gladis Rouse (Mrs.), R.N.
Medora Savasuk (Mrs.), R.N.
Emily Webster (Mrs.), R.N.

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*Manager, Roberts Union Cafeteria*
Inza T. Foster (Mrs.)
*Manager, Dana Hall Cafeteria*
Duane E. Rancourt
*Manager, Mary Low Hall Cafeteria*

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*Head Resident, Mary Low Hall*
Lynn M. Kirkby, A.B.
*Head Resident, Woodman Hall*
Charles R. Quillin, Ph.D.
*Head Resident, Coed Dormitory*
Mr. and Mrs. William Savage, A.B.'s
*Head Residents, Foss Hall*
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*Head Resident, Coburn Hall*
Mrs. Marie Warren
*Head Resident, Dana Hall*
Mrs. Harriett Webster
*Head Resident, Small Hall*
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*Housemother, Kappa Delta Rho*
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*Housemother, Delta Kappa Epsilon*
Mrs. Bonita Guilford
*Housemother, Lambda Chi Alpha*
Mrs. Mantie Homstead
*Housemother, Tau Delta Phi*
Mrs. Jessica Proctor
*Housemother, Phi Delta Theta*
Mrs. Earle E. Smith
*Housemother, Alpha Tau Omega*
Enrollment by States and Countries

CLASSIFIED ACCORDING TO GEOGRAPHICAL LOCATIONS OF STUDENTS' HOMES
1968-1969

<table>
<thead>
<tr>
<th>Enrollment</th>
<th>Total</th>
<th>Men</th>
<th>Women</th>
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<tr>
<td>ALL AREAS</td>
<td>1517</td>
<td>825</td>
<td>692</td>
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<tr>
<td>NEW ENGLAND</td>
<td>1046</td>
<td>581</td>
<td>465</td>
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<tr>
<td>Connecticut</td>
<td>159</td>
<td>89</td>
<td>70</td>
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* Denotes American citizen
** 2 American citizens
Honors and Awards

The degree of Bachelor of Arts with honors is awarded in three grades: *summa cum laude* to those who obtain a 3.75 grade point average; *magna cum laude* to those with a 3.50 grade point average; *cum laude* to those with a 3.25 grade point average.

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 and recommendation of the major department. 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.

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

Academic excellence is also recognized at a separate convocation for the Julius Seelye Bixler and Charles A. Dana scholars, when scholarships are awarded to top-ranking students in recognition of their academic achievements.

Other honors recognizing high academic standing include being named on the annual list of Senior Scholars or the Dean's List, upon which appears the name of every stu-
dent whose average of all marks in the previous semester has been at least 3.20 in a minimum of twelve credit hours for upper-classmen, 3.00 in a minimum of twelve credit hours for freshmen.

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**College Prizes**

**GENERAL**

*Frederick F. Brewster Honor Scholarship.* Established in memory of Frederick F. Brewster, of New Haven, Connecticut. Awarded in 1968 to **Isabelle de Courtivna '69; Jeffrey Alan Parness '70.**

*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 1968 to **Lambda Chi Alpha.**

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


*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. Not awarded in 1968.

*Columbia Teacher's College Book Prize.* Presented by Teachers College of Columbia University to a member of the junior class who has displayed a high degree of constructive intellectual interest in educational issues. Awarded in 1968 to **Lynne Hudson '69.**
Condon Medal. Gift of the late Randall J. Condon, 1886, awarded to the senior, who by vote of his classmates and approval by the faculty, is deemed “to have exhibited the finest qualities of citizenship and has made the most significant contribution to the development of college life.” Awarded in 1968 to Stephen David Ford ’68.

Charles A. Dana Scholarships. Available to qualified sophomores, juniors and seniors. The purpose of these scholarships is to identify and encourage students of good character with strong academic backgrounds who have given evidence of potential leadership traits during the freshman year. Each year approximately twenty new Dana Scholars are selected. These scholarships are among the highest honors which are awarded to students.

Delta Alpha Upsilon Scholarships. Given by sorority to undergraduate women for well-defined educational objectives and outstanding campus leadership. Awarded in 1968 to Katheryn Ann Passios ’71.

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 1968 to Mary Ann Golden ’70; Peggy Hulda Elkus ’70.

Lelia M. Forster Prizes. From the income of the Lelia M. Forster Fund, awards are made to the young man and young woman “of the preceding entering class who by their academic performance, the respect they command from their classmates, and the constructive contribution they have made to life on the campus have shown the character and ideals most likely to benefit society.” Awarded in 1968 to Susan Harding ’71; Ronald William Lapton ’71.

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. Not awarded in 1968.


Kim Miller Scholarship and Trophy. Given by the alumni and active members chapter of Lambda Chi Alpha to an outstanding junior man who exemplifies the qualities of friendship, individualism, and leadership personified by Kim Miller, a graduate of the Class of 1966 who lost his life in a tragic accident while in the service of his country. Awarded in 1968 to Richard L. Chabot.

George T. Nickerson Award. Presented by the Interfraternity Council to the fraternity which fosters to the greatest extent student, faculty, and administrative relations. Awarded in 1968 to Lambda Chi Alpha.

Ninetta M. Runnals Scholarship. Awarded by Delta Alpha Upsilon to an undergraduate for scholastic performance, well-defined educational objectives and community participation. Awarded in 1968 to Barbara Louise Walters ’71.

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 jointly in 1968 to Walter Henry Effron ’70 and William Brooks Ware ’70.

Philip W. Tirabassi Memorial Award. 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 1968 to Raymond Leonard Williams ’69.

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 1968 to Anne Caroline Pomroy ’70.
Scott Paper Foundation Award for Leadership. Awarded by Scott Paper Company to a sophomore of the men's division 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 1968 to Russell Boynton MacPherson '70.

Waterville Area Colby Alumni Association Award. Presented for scholastic and personal achievement to a senior from the Waterville area. Awarded in 1968 to Joseph Michael Jabar '68.

George Adams Dietrich Award in Art. Presented by the sculptor of the Johnson Memorial Plaque now in Lorimer Chapel, for noted work-achievement by a junior. Awarded in 1968 to Daniel Joseph Barnett '69.

Charles Hovey Pepper Prize in Art. Established by Stephen C. Pepper (hon. '50) in memory of his father who was a distinguished painter and graduate of the class of 1889. Awarded for meritorious creative work in painting and sculpture. Awarded in 1968 to Donn Kevin Byrne '68; Penelope Crane Pike '68.

The Dodge Prizes. Offered by Mr. and Mrs. Donald D. Dodge of Rockport and Philadelphia, for the best models of American buildings, 1600-1850. Awarded in 1968 to:
1st Prize: Nancy Barton Carter '69, Sandra Anne Freeto '70, and Katherine Adeline Gorham '69.
2nd Prize: Sarah Ann Gruber Owen '70.

American Institute of Architects Prizes. Offered by the Maine chapter of the Institute for distinctive architectural models made in conjunction with the history of architecture course. Awarded in 1968 to:
1st Prize: Walter Barney Cotter '70 and Sharon Ellen Niles '70.
2nd Prize: Bruce Bradford McDonald '68; William Wheeler Anderson, Jr. '70, and Peter Childs Brown '69; Bryant Jerome Farnsworth '69, Stuart Gary Giles '69, and Benjamin W. Kravitz '70.

The Cramer Prizes. Offered by Ambrose C. Cramer, AIA, of Rockport, Maine, and Scottsdale, Arizona, for the best models of an American building built before 1900 and worthy of historic preservation. Awarded in 1968 to:

1st Prize: Robert Leeland Hayden, Jr. '68, and Michael Delano Condax '70.
2nd Prize: Eric Mason Hanson '70 and Ilan Hadani '70.
3rd Prize: Sarah Fowunes Hudson '69 and Elizabeth Mann Hight '69.

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 extracurricular interests. Awarded in 1968 to John Hagan Bubar, Ronald H. Eldridge.

James J. Harris Prize in Business Administration. Presented by a member of the Class of 1927 to students of the junior class for outstanding work in Business Administration. Awarded in 1968 to James Mead Klingensmith; Thomas Donald McBrierty.

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 1968 to Nancy Ann Nahra '68.

English

George Adams Dietrich Award in Literature. This award is also presented by the sculptor of the Johnson Memorial Plaque in the chapel, for outstanding work in the English major. Awarded in 1968 to Vivian Louise Foss '69.

Mary Low Carver Prizes for Poetry. Presented in memory of Mary Low Carver, 1875, the first woman graduate of the college, for original poems of merit in the English language. Awarded in 1968 to:
2nd Prize: Jane Morrison Bubar '68.
Men: 1st Prize: Edward French Williams '69.
2nd Prize: Aaron Anthony Rhodes '71.

Awarded in 1968 to:
1st Prize: Edward French Williams '69.
2nd Prize: Peter Rorstad Pennypacker '69.

Awarded in 1968 to Sandra Jean Smith '71; Paul Keary '71.

HISTORY AND GOVERNMENT

Paul A. Fullam History Prize. Presented in memory of Paul A. Fullam, 1955 (Hon.), former chairman of the history department, to a senior distinguished by outstanding work in history and government, a fund to provide books of the student's choice.
Awarded in 1968 to Peter Mikami Rouse.

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 1968 to Richard Frank Samson.

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 1968 to Dexter Philip Arnold.

Awarded in 1968 to Thomas Richard Rippon '68; Philip LeRoy Merrill '68; Lynne Geraldine Oakes '68.
The F. Harold Dubord Prize in Political Science. Presented in honor of the late Honorable F. Harold Dubord 1914, Judge of the Supreme Court of Maine, by the firm of Marden, Dubord, Bernier, Chandler, and Ayoob in recognition of outstanding work in the field of Political Science.
Awarded in 1968 to Deborah Nutter '68.

MODERN LANGUAGES

French Consulate Book Prizes. Presented by the French Consulate in Boston for excellence in French.
Awarded in 1968 to Linda Ann Beland '68; Penelope Taylor Hume '68; Susanne Gilmore Snow '68; Barbara Ann Stanford '68; Patricia Moore '69.

German Consulate Book Prizes. Presented by the German Consulate in Boston for excellence in German.
Awarded in 1968 to Jessie G. McGuire '68; Ines Ruelius Brown '69; Jane Elizabeth Master '69.

German Club Prize. A book prize awarded for excellence in first year college German.
Awarded in 1968 to Audrey Gertrude Rushton '71.

Harrington Putnam German Prizes. Given by the Honorable Harrington Putnam, Class of 1870, a justice of the New York Supreme Court and associate editor of two foreign newspapers, "because of his belief in the importance of a knowledge of the German Language to those who are to engage in professional, commercial, or scientific pursuits."
Awarded in 1968 to Shawn Onat '68; John Fredrick Collins '69; Linda Isabel Gray '69; William Wilton Anthony II '71; Cemil Yalinpala '71.

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 1968 to Jessie G. McGuire '68; Jane Elizabeth Master '69.
**Russian Book Prize.** For excellence in Russian, awarded by the department of Modern Foreign Languages. Awarded in 1968 to Theresa Lynn Hill ’68; Richard Oliver Larson ’68; Vicki Diane Carter ’69; Catherine Anne Cyr ’69; Patricia Ann Williams ’69; Christine Marie Celata ’70.

**Spanish Book Prizes.** For excellence in Spanish, awarded by the department of Modern Languages. Awarded in 1968 to Diana Mason Parker ’68; Vicki Diane Carter ’69; Virginia Lee Coates ’69.


**Colby College Band Award.** Presented for outstanding qualities in leadership and exceptional interest in the college band. Awarded in 1968 to Frederick Henry Clasquin ’68.

**Alma Morrissette McPartland Award.** Presented by Mrs. McPartland, class of 1907, for excellence in musical achievement such as composition, performance, scholarship or leadership in musical organizations. Awarded in 1968 to Benjamin Goddard Magee ’69.

**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 1968 to Kenneth Clifford Brookes.

**Symphony Orchestra Awards.** Presented to students in the Colby Community Symphony Orchestra who have shown unusual interest and improvement. Awarded in 1968 to Penelope Taylor Hume ’68; Hethie Lois Shores ’68.

**Stephen C. Pepper Prize in Philosophy.** Presented to a junior or senior who has done distinguished work in philosophy; a fund is provided for books of the winner’s choice. Awarded in 1968 to Linda Kay Brooks ’68; Ellen S. Saslaw ’68.
Andrew Blodgett Award. For excellence in dramatics, presented by Powder and Wig Society in memory of Andrew Blodgett, 1962. Awarded in 1968 to Harlan Aaron Schneider '68.

Coburn Speaking Prize. Established by Louise Coburn, 1877, for excellence in interpretive reading. Awarded in 1968 to:

(1st) Harlan Schneider
(2nd) Stephen Canders
(3rd) Heather Beach

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 1968 to:

(1st) Jacqueline Deckel '70
(2nd) Philip Merrill '68
(3rd) Richard Foster '68


Herbert Carlyle Libby Prize. Established in 1964 by Colby alumni to honor the memory of Herbert Carlyle Libby '02, professor of public speaking from 1909 to 1944. To be awarded annually for excellence in public address on the basis of a speaking contest among representatives of the four classes. Not awarded in 1968.

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.

American Institute of Chemists Medal. Presented by the New England Chapter of the American Institute of Chemists to a senior with "high potential for advancement of chemistry as a profession, based on a record of demonstrated leadership ability and character, with high scholastic standing."
Awarded in 1968 to Richard Daniel Libby '68.

The Chemical Rubber Company Prize in Physics. Presented to the student with the highest average in beginning physics.
Awarded in 1968 to Susan Catherine Cooper '71.

Chi Epsilon Mu Prize in Chemistry. Awarded annually to the highest ranking freshman in chemistry.
Awarded in 1968 to Thomas Emanuel Gallant '71.

The Webster Chester Biology Prize. Established by his former students and friends at Homecoming 1965, in honor of Professor Chester who was a member of the Colby faculty for over forty years; to be awarded to deserving biology students.
Awarded in 1968 to Jean Marie Miller '68.

Mark Lederman Prize. Established by his classmates in memory of Mark Lederman '66, awarded to the senior with the highest point average who has been accepted at a school of medicine.
Awarded in 1968 to Dana Lyle Heikes, Jr. '68.

Mark Lederman Scholarship. Established by his classmates in memory of Mark Lederman '66, awarded to the biology major who, at the end of his junior year, has best demonstrated both scholarship and financial need.
Awarded in 1968 to George Loring Higgins III '69.

William A. Rogers Prize in Physics. Established in memory of the late William A. Rogers, professor of physics from 1886 to 1898, awarded to a junior majoring in physics who has achieved the highest general scholastic standing.
Awarded in 1968 to Susan Alice Kingsbury '69.
**Departmental Prizes in Science.** Awarded by each department to a sophomore, junior and senior, for academic distinction. Awarded in 1968:

**Biology:**

- **Kenneth Stuart Lane '68.**
- **Alan Samuel Coit '69.**

**Chemistry:**

- **Carlton Earl Akeley '68.**
- **Barry Mark Arkin '69.**
- **Mark Steven Fraser '70.**

**Geology:**

- **Dianne Louise Radune '68.**
- **Michael Peter Foose '69.**
- **Robert Edward French '70.**

**Physics:**

- **Patricia Jane Davis '68.**
- **Christine Marie Celata '70.**

**Chi Omega Prize in Social Sciences.** Awarded by Chi Omega sorority to the highest ranking woman majoring in the social sciences. Awarded in government in 1968 to **Lynne Geraldine Oakes '68.**

**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 department of sociology. Awarded in 1968 to **William James McKinney, Jr. '68; Richard Gary Foster '68.**

**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 1967 to **Sebsibe Mamo '70.**
James Brudno Award. Established by Dr. James Brudno '27 and given to the outstanding runner.
Awarded in 1967 to SEBSIBE MAMO '70.

David W. Dobson Memorial Award. Awarded to an outstanding member of the varsity ski team in memory of David W. Dobson, 1950.
Awarded in 1968 to JEFFREY LATHROP '68.

Paul F. "Ginger" Fraser Award. Awarded to a non-letter man who has shown the most improvement as a member of the varsity football team. Presented by an alumnus, the prize honors the memory of Paul "Ginger" Fraser, 1915, one of Colby's football greats.
Not awarded in 1968.

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 1968 to JOSEPH JABAR '68.

Gilbert F. Loebs Award. Presented to the most valuable player on the varsity soccer team.
Awarded in 1968 to ALAN GRAY '68.

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 1968 to KENNETH MUKAI '69.

Cy Perkins Award. Established in memory of the great Colby athlete and given to the most improved track performer.
Awarded in 1968 to DAVID ELLIOTT '68.

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 1968 to PETER EMERY '69.
Mike Ryan Award. Established in honor of Michael Ryan '37 by Dr. Kenneth Wentworth '25 and given to the outstanding field event performer in track. Awarded in 1968 to Robert Aisner '68.

Theodore N. Shiro Award. Gift of Theodore N. Shiro, 1951, awarded to the most improved player on the varsity basketball team. Awarded in 1968 to Walter Young '68.

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 1968 to Daniel Libby '68.

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 1968 to Charles Wood '70.

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 1968 to Daniel Libby '68.
Honors and Degrees

DEGREES AWARDED AT COMMENCEMENT
SUNDAY, JUNE 2, 1968

BACHELOR OF ARTS

Nancy Jean Abbott, Dover, N. H.
David James Adelman, Norwich, Conn.
Robert Steven Aisner, Newton, Mass.
Carlton Earl Akeley, Presque Isle, Me.
Maxine Frances Allison, Bolton, Conn.
James John Amirakis, Bright on, Mass.
Jeanne Marie Amnotte, Bangor, Me.
Patricia Andrea, Potomac, Md.
E. Jeanne Skelton Armistead, Marblehead, Mass.
Christopher David Armstrong, Rahway, N. J.
Peter Stanley Arnold, Cumberland, R. I.
Wade John Asaff, Auburndale, Mass.
Jacqueline Burke Aulson, Topsfield, Mass.
Mary Christine Austin, Southhampton, Penn.
Deborah Houghton Ayer, Groveland, Mass.
Clinton Durfee Baer, Jr., Rehoboth, Mass.
Richard Gordon Baird, South Portland, Me.
Christopher Barry Balsley, Middle Haddam, Conn.
Nancy Jane Beach, Noank, Conn.
Richard Alan Beddoe, Acton, Mass.
Linda Ann Beland, Lewiston, Me.
Martin Conant Benjamin, Wayland, Mass.
Carol Bennison, Wellesley, Mass.
David Arthur Berube, Augusta, Me.
John Longcope Birkinbine, Jr., Framingham, Mass.
Robert Birnbaum, Teaneck, N. J.
Barbara Elizabeth Bixby, Wenham, Mass.
Norman David Blumberg, Brockton, Mass.
Marjorie Paula Bogh, Portland, Me.
Ronald Israel Boothby, Gorham, Me.
Kenneth Allen Borchers, Berlin, N. H.
Joseph Fred Boulos, South Portland, Me.
Claudia Anne Marie Bourcier, Middlebury, Vt.

Elizabeth Lois Bridges, Roxboro, N. C.
Harold Arthur Bromfield, Jr., Kittery Point, Me.
Stephen Wiggin Brooke, Weston, Mass.
Kenneth Clifford Brookes, Augusta, Me.
Linda Kay Brooks, Wilton, Conn.
Jane Beach Brown, Rockport, Mass.
Jill Brown, Concord, N. H.
David Williams Bryan, Barrington, R. I.
James Andrus Bryner, Bradford, Penn.
Lisa Fernald Bryner, Rosemont, Penn.
Jane Morrison Bubur, Dixfield, Me.
John Hagan Bubur, North Anson, Me.
Rose Mary Buyniski, Cincinnati, Ohio.
Donn Kevin Byrne, Oakland, Me.
Mary Joann Calabrese, Swamps cott, Mass.
Susan Jane Callahan, Lynn, Mass.
Steven Floyd Campbell, Stafford, Vt.
Anthony Patrick Carnevale, Saco, Me.
Patricia Ellen Carney, Newport, R. I.
Janet Gail Carpenter, Bennington, Vt.
Clark Drummond Chapman III, Portland, Me.
Betsy Goddard Chase, Cheshire, Conn.
Henry Monroe Childs III, Rockaway Beach, N. Y.

Frederick Henry Casquint, Dedham, Mass.
Peter Joseph Clough, Bangor, Me.
Richard Bradford Colby, Dennis, Mass.
Sally Ann Connor, Hinkley, Me.
Gary Cecil Conover, Mountain Lakes, N. J.
Hester Coolidge, Ipswich, Mass.
Scott Campbell Cooper, Lexington, Mass.
Susan Joan Couser, Springvale, Me.
Gregg Stirling Crawford, Wilbraham, Mass.
Colby Victor Currier, Bethesda, Md.
Robert Jerome Daviau, Waterville, Me.
Susan Jane Davidson, Kennebunk, Me.
Edgar C. Davis, Jr., Westfield, N. J.
Kenneth Davis, Little Compton, R. I.
Patricia Jane Davis, Utica, N. Y.
Nancy Maria DeAngelis, Chevy Chase, Md.
Alfred Victor deForest, Chester, Conn.
Richard Paul Deletetsky, Auburn, Me.
Judith de Luce, Oyster Bay Cove, N. Y.
Kristine Tanya DeMarsh, Edmonds, Wash.
Thomas Andrew Demong, Middlebury, Vt.
Daniel Drozdal DeNicola, Manhasset, N. Y.
Nelson John Denny, Newton, Conn.
John Richard DeSimone, Brockton, Mass.
Richard Albert DeVincentis, Medford, Mass.
Jane Alice Dignam, Cape Elizabeth, Me.
Judith Anne Dionne, Skowhegan, Me.
Ellen Jo Dockser, Newton Centre, Mass.
Nancy Lee Dodge, Marion, Ohio
Andrew Paul Dunn, Paramus, N. J.
Robert Brian Dunn, Winslow, Me.
Mark Gerson Edelstein, Nashua, N. H.
Ronald Horace Eldridge, Buzzards Bay, Mass.
David Curtis Elliott, Waterville, Me.
Dorothy Margaret Evans, Bridgton, Me.
Llewellyn Johnson Evans, Jr., Brookville, N. Y.
Nancy Gail Famulari, Nahant, Mass.
Jane Elizabeth Finkeldey, Hastings-on-Hudson, N. Y.
Nancy Jane Fischer, Pelham, N. Y.
Karl Arvedon Fogel, Brookline, Mass.
Jolan Irene Force, East Brunswick, N. J.
Stephen David Ford, Gardiner, Me.
Richard Gary Foster, Brighton, Mass.
Richard Goodwin Fraser, Scarsdale, N. Y.
Peter Allen Frizzell, Lynnfield, Mass.
Judith Glynn Frost, Gardiner, Me.
Theodore Louis Fucillo, Medford, Mass.
Lawrence Keith Furbish, Sanford, Me.
Evelyn Brown Garnett, Emery Mills, Me.
Robert Charles Garrett, Falmouth, Me.
Carl Donald Glickman, Newton, Mass.
William Howe Goldfarb, West Hartford, Conn.
José Rigoberto Gomez Acosta, Metapán El Salvador
Donna Chick Gould, Shrewsbury, Mass.
Alan Herbert Gray, Emerson, N. J.
Elise Joan Gregory, Greenville, R. I.
Walter Williams Greist, North Haven, Conn.
Margaret Susan Grigg, Braintree, Mass.
Lenore Elizabeth Gross, Swoope, Va.
JoAnne Grossman, Brookline, Mass.
Robert Charles Grossman, Freeport, N. Y.
Joan M. Gutman, Merrick, N. Y.
Pamela Hood Hale, Plymouth, Mass.
Jeffrey Edward Hannon, Portland, Me.
Robert Leeland Hayden, Jr., Swampscoot, Mass.
Dana Lyle Heikes, Jr., Manhasset, N. Y.
Charles James Hely, Jr., Westfield, N. J.
William Andrew Henrich, Needham, Mass.
Shigeki Hijino, Shimoneseki, Japan
Theresa Lynn Hill, Woodcliff Lake, N. J.
Kenneth Lawrence Hoadley, Milford, N. H.
Peter Merrill Hobart, Longmeadow, Mass.
Raymond Erwin Hodgkins, Bar Harbor, Me.
Martha Ellen Holmes, Falmouth, Mass.
Robert Everett Hughes, Jr., New Canaan, Conn.
Penelope Taylor Hume, Augusta, Me.
John Clark Hutchins, Sudbury, Mass.
Nancy Day Hutchinson, Vassalboro, Me.
John Wasey Hyde, Hingham, Mass.
Mary Delia Hyde, Fairfield, Me.
Judith Carryl Hymas, Jamaica, N. Y.
Joyce Ingram, Rehoboth, Mass.
Allen Monroe Irish, Brunswick, Me.
John H. Irish, Turner, Me.
Joseph Michael Jabar, Waterville, Me.
Hope Elizabeth Jahn, Scituate, Mass.
Joseph Jambriska, Jr., Greenwich, Conn.
Kent Allen Johnson, North Haven, Conn.
Anne Louise Jones, Dover, Mass.
Carol Lucile Jones, Needham, Mass.
John Peter Wilkinson Jost, Mountainside, N. J.
Richard Leslie Jude, Ellsworth, Me.
Richard Alton Kain, Jr., Pawcatuck, Conn.
Clarke Meredith Keenan, Wellesuck, Mass.
Bruce Byron Kidman, Needham, Mass.
Stephen John King, West Bath, Me.
Richard Joseph Kuchar, Bloomfield, N. J.
Barbara Jean Kuczun, Boxford, Mass.
William Bruce Kueffner, Fairfield, Conn.
Dale William Kuhnert, DeWitt, N. Y.
Robert Edward Kulp, Rosemont, Penn.
Kenneth Stuart Lane, Brooklyn, N. Y.
Richard Oliver Larson, North Easton, Mass.

Jeffrey Taft Lathrop, Amherst, N. H.

Marcia Jeanne Lawrence, DeWitt, N. Y.

John Peter Leopold, Yardley, Penn.

Frederick Earl Levine, Waterville, Me.

Linda Susan Levy, New York, N. Y.

Richard Scudder Lewis, Oyster Bay, N. Y.

Richard Daniel Libby, Benton, Me.

Robert Malcolm Lloyd, Sanbornville, N. H.

Barbara Brown Loveday, Boston, Mass.

Elizabeth Jean Luce, Machias, Me.

Katherine Pensyl Madden, Williamsport, Penn.

Stephen Frank Magocsi, York, Me.

Meredith Jane Mann, Auburn, Me.


Charlene Sylvia Marinke, Bar Harbor, Me.

Paul Edward Martin, Easton, Conn.


Dorothy Jean Mayville, Chichester, N. H.

Jeffrey Alan McCabe, West Hartford, Conn.

Joseph Patrick McCormack, Fort Lauderdale, Fla.

Bruce Bradford McDonald, Rochester, N. Y.

Janice Ann McGhee, Brookline, N. H.


Jessie G. McGuire, Fanwood, N. J.


Andrea Marshall McLennan, Nashua, N. H.

Catherine Elizabeth McManus, East Winthrop, Me.

Dorothy Jean Meicke, Rowayton, Conn.

Bradford Alan Merritt, Scituate, Mass.

Nancy Louise Meyer, Trumbull, Conn.

Jean Marie Miller, Rockland, Me.

Mary Susan Miller, Livingston, N. J.

Jane Peterson Moody, Belchertown, Mass.

Jo Ann Moody, Amherst, N. H.

Richard James Morey, New Britain, Conn.

John Alan Morgan, West Haven, Conn.

Richard Alden Moriarty, Weston, Mass.

Sharon Elaine Mortimer, Lexington, Mass.

Judith Adrian Mosedale, Wayland, Mass.

Howard Ira Mosher, Jr., Agawam, Mass.

Kenneth Hiroshi Mukai, Toronto, Ontario, Can.

Bradford Robinson Muscott, Weston, Conn.

Nancy Ann Nahra, Brewer, Me.

Gregory Carleton Nelson, Geneva, Switzerland


John Frederick Felstead Neuburger, Eggertsville, N. Y.

Olive Mary Niles, Oakland, Me.

John Satoru Nishijima, Honolulu, Hawaii

Deborah Winslow Nutter, East Bridgewater, Mass.

Lynne Geraldine Oakes, Gloucester, Mass.

Kathleen Marisita O'Connell, Augusta, Me.

Gerald Bruce Ogus, Winthrop, Mass.

Jeffrey Douglas Olson, York Harbor, Me.

Shawn Onat, St. George, Me.

Shirley Jane O'Neal, Hinsdale, N. H.

Anne Marie Orchard, Peterborough, N. H.


Barry Frank Panepinto, LeRoy, N. Y.

David Bradley Parker, Philadelphia, Penn.

Diana Mason Parker, Peoria, Ill.

David Robert Patterson, Fishtown, N. Y.


Penelope Crane Pike, Lubeck, Me.

Irving Victor Pinansky, Portland, Me.

Edward Chandler Porter, Jr., Bangor, Me.


Peter Wendell Powell, Hampton Falls, N. H.

Margaret Casebolt Pratley, Cheshire, Conn.

Edward Marc Quinto, Waterbury, Conn.

Dianne Louise Radune, New Britain, Conn.

Geraldine Anne Randall, Warner, N. H.

Edward Emmrich Rawson, Potomac, Md.

Randall Redington, Islip, N. Y.

Marjorie Alden Reed, Woodstown, N. J.

Rowena Anita Reed, Winslow, Me.


Linda Reynolds, Everett, Mass.

George Mellen Rideout, Jr., Wellesley Hills, Mass.


Thomas Richard Rippon, Hershey, Penn.

Elizabeth Rotch, Milford, N. H.

Peter Mikami Rouse, North Haven, Conn.

Virginia Helen Rowe, Malden, Mass.

Peter Richard Roy, Waterville, Me.
Richard Frank Samson, Great Neck, N. Y.
Jay Harold Sandak, Stamford, Conn.
James Edward Sandler, Newton, Mass.
Theodore Stephen Sasso, Woodcliff Lake, N. J.
Guy Edward Savino, Jr., Lyndhurst, N. J.
Margo Ann Schmidt, San Francisco, Calif.
Harlan Aaron Schneider, Needham, Mass.
Jeremy Thomas Schneider, Collegeville, Penn.
Gail Madeleine Schumacher, Massapequa, N. Y.
Nancy Ann Schweitzer, Irvington, N. J.
Paul Allen Scoville, Canton, Conn.
Janet Elizabeth Semonian, Lexington, Mass.
Jerry Stanley Senger, West Hartford, Conn.
Janet Dorothy Shiner, Cranston, R. I.
Hethie Lois Shores, University Park, Md.
Nancy Diane Short, North Falmouth, Mass.
Kalman Stuart Sinofsky, Newton, Mass.
Louise Roberts Skillin, Cumberland Foreside, Me.
Margaret Elizabeth Skillings, Bailey Island, Me.
Cathie Jean Smith, Chester, N. H.
Cecily Smith, Grosse Pointe, Mich.
Jonathan Fowler Smith, Pittsfield, Mass.
R. William Soller, Hartsdale, N. Y.
Diana Lee Soule, Salem, N. H.
Barbara Ann Stanford, Keene, N. H.
James Alan Steen, St. Louis, Mo.
Deborah Mae Stephenson, Marblehead, Mass.
Leonard David Stern, Scarsdale, N. Y.
Richard Bennett Stiebel, Waban, Mass.
Sandra Louise Stone, Lynn, Mass.
Karen Lynn Sward, Chatham, N. J.
Theodore Franklin Swartz, Flushing, N. Y.
Peter Charles Swett, North Berwick, Me.
Christine Louise Tarbox, Reading, Mass.
Donald Joseph Thomas, Weehawken, N. J.
Nancy Jean Thomas, Orono, Me.
Bonnie Lynne Thompson, Simsbury, Conn.
Douglas Jay Thompson, West Hartford, Conn.
Patricia Ann Thompson, Hampden Highlands, Me.
Susan Lynne Toabe, Marblehead, Mass.
Robert Wilfred True, Jr., Scarborough, Me.
William George Tsiiaras, Nashua, N. H.
Lee Donald Urban, Portland, Me.
George Ambrose Vanderheiden, Wakefield, Mass.
Paula Constantijn Van Meter, New York, N. Y.
Jan Frederic Volk, West Newton, Mass.
Susan Marie Volpe, Braintree, Mass.
Tere-Lee Wade, Bath, Me.
Robert Elliot Waldinger, Dover, Mass.
Stevenson Earl Ward III, Darien, Conn.
Gary Nichols Weaver, Nashua, N. H.
Craig Alden Weeden, Barrington, R. I.
Lee Mark Weiser, Sussex, N. J.
Carolyn Ruth Welch, Wilbraham, Mass.
Jonathan Bruce Welch, Warwick, R. I.
Arthur Newell Burnie Weyand, Beaver, Penn.
Judith Pierce Whipling, Wakefield, Mass.
Gleann Mae White, Medford, Mass.
Jane Louise Whitten, Presque Isle, Me.
Judith Ann Williams, Pittsfield, Mass.
Ann Brooke Wilson, Wethersfield, Conn.
Kenneth Conant Young, Jr., Gardiner, Me.
Steven Benjamin Zweibaum, West Hartford, Conn.

 Degrees granted in October as of the Class of 1967
Ellen Seaver Eichmann, Cheshire, Conn.
Douglas Neilson Howe, Jr., Andover, Mass.
Ross Monson Kohonen, Peabody, Mass.
Brian Shepherd Kopke, Duxbury, Mass.
Kenneth Burnham Lilley, Scarborough, Me.
Cheryl Dianne Reed, Augusta, Me.
David Gilchrist Watterson, Jr., Shaker Heights, Ohio

 As of the Class of 1966
Barbara June McClure, Montclair, N. J.

HONORS
Summa Cum Laude
Jessie G. McGuire
Magna Cum Laude
Judith de Luce
Richard Oliver Larson
Lynne Geraldine Oakes
Shawn Onat

Cum Laude
Jeanne Marie Amnotte
Linda Kay Brooks
Donn Kevin Byrne
Frederick Earl Levine
Nancy Louise Meyer
Deborah Winslow Nutter
Kathleen Marisita O’Connell
Dianne Louise Radune
Marjorie Alden Reed
Richard Frank Samson
Hethie Lois Shores
Margaret Elizabeth Skillings
Barbara Ann Stanford
Deborah Mae Stephenson
Arthur Newell Burnie Weyand

DISTINCTION IN THE MAJOR

Art
Elizabeth Fernald Bryner
Donn Kevin Byrne

Business Administration
John Hagan Bubar

Chemistry
Richard Daniel Libby
Bruce Bradford McDonald
Kalman Stuart Sinofsky
Leonard David Stern

Classics
Nancy Ann Nahra
Arthur Newell Burnie Weyand

Economics
Ellen Anne Burt
Frederick Earl Levine
Andrea Marshall McLennan
Nancy Louise Meyer

Hethie Lois Shores
Deborah Mae Stephenson
Nancy Jean Thomas
Douglas Jay Thompson
Jonathan Bruce Welch

English
Jeanne Marie Amnotte
Andrew Paul Dunn
Pamela Hood Hale
Dorothy Jean Mayville
Kathleen Marisita O’Connell
Shawn Onat
Margaret Elizabeth Skillings

French
Linda Ann Beland

Geology
A. Victor deForest
Dianne Louise Radune

German
Jessie G. McGuire

Government
Richard Oliver Larson
Deborah Winslow Nutter
Lynne Geraldine Oakes

History
Margaret Casebolt Pratley
Peter Mikami Rouse
Richard Frank Samson

Latin
Judith de Luce

Mathematics
Norman David Blumberg
Edward Michael Caulfield
Jolan Irene Force
John H. Irish
Marjorie Alden Reed
Nancy Ann Schweitzer
**Philosophy-Religion**  
Linda Kay Brooks

**Physics**  
Patricia Jane Davis

**Psychology**  
Lee Donald Urban

**PHI BETA KAPPA**  
Jeanne Marie Amnottte  
Edward Michael Caulfield  
Judith de Luce  
Pamela Hood Hale  
John Henry Irish  
Richard Oliver Larson  
Frederick Earl Levine  
Jessie G. McGuire  
Nancy Louise Meyer  
Nancy Ann Nahra  
Deborah Nutter  
Lynne Geraldine Oakes  
Kathleen Marisita O'Connell  
Shawn Onat  
Dianne Louise Radune  
Marjorie Alden Reed  
Kalman Stuart Sinofsky  
Margaret Elizabeth Skillings  
Barbara Ann Stanford  
Deborah Mae Stephenson  
Nancy Jean Thomas

**MASTER OF SCIENCE IN TEACHING**  
Roger Waldo Polson Bean, Fryeburg, Me.  
Sister Therese Marie Berthiaume, Salem, Mass.  
Edward Powell Buckley, Presque Isle, Me.  
Charles Linwood Holt, Lugano-Montagnola, Switzerland  
Gerald Keith Isvik, Fairmont, Minn.  
Lucien Carter Johnson, Jr., Rural Retreat, Va.  
Lena Madsen Keithahn, Mason City, Iowa  
John Martin Knight, Washington, Ill.  
George Merle Lingel, Rockford, Ill.  
Glendon Harold Newcombe, Hallowell, Me.  
Robert Joseph Paquet, Cranford, N. J.

Muzio Donald Piermarini, Leominster, Mass.  
Marvin Silver, Bayside, N. Y.  
David Francis Stoy, Otego, N. Y.  
Louis Sutherland, Sullivan, Me.  
Edward Wigglesworth, Jr., Cape Elizabeth, Me.

**HONORARY DEGREE RECIPIENTS**  
Philip Booth  
*Doctor of Letters*  
Russell Edgar Brown  
*Doctor of Divinity*  
Richard Cardinal Cushing  
*Doctor of Divinity*  
Charles Anderson Dana  
*Doctor of Laws*  
Edwin Wilder Gates  
*Doctor of Science*  
Charles Worth Howard  
*Doctor of Laws*  
Frank Kleinholz  
*Doctor of Fine Arts*  
David T. W. McCord  
*Doctor of Humane Letters*  
Maria Tallchief  
*Doctor of Fine Arts*  
William Davis Taylor  
*Doctor of Laws*  
Edwin Young  
*Doctor of Laws*

**SENIOR SCHOLARS**  
Elizabeth Fernald Bryner  
*Cubism: Its Origins, Its Aesthetics, and Its Works*  
Donn Kevin Byrne  
*Exploring Sculptural Media*  
Walter Williams Greist  
*An Approach to Culture through Value Orientations*  
Anne Louise Jones  
*A Creative Exploration of Color and Design through Serigraphy*  
Barbara Jean Kuczun  
*Unamuno: Dios, hombre, y existencia*  
Richard Daniel Libby  
*The Relative Acidity of the Tripropylboranes*
Dorothy Jean Mayville
*The Critical Theory and Practice of T. S. Eliot*

Bruce Bradford McDonald
*A Chemical Assay for Renin*

R. William Soller
*Renin Granularity in the Mouse Kidney*

William George Tsiaras
*Effect of Heavy Metals on the Activity of Bovine Renin*

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- Richard Oliver Larson
- Frederick Earl Levine
- Jessie G. McGuire
- Lynne Geraldine Oakes
- Shawn Onat
- Hethie Lois Shores
- Deborah Mae Stephenson

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- Dexter Philip Arnold
- Vicki Diane Carter
- John Frederick Collins
- Michael Peter Foose

**Class of 1970**
- Barbara Irene Hamaluk
- Leslie Ann Seaman
- William Glenn Stevenson

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- Linda Ann Beland
- Martin Conant Benjamin
- Elizabeth Fernald Bryner
- Edward Michael Caulfield
- Judith Anne Dionne
- John Henry Irish
- Katherine Pensyl Madden
- Andrea Marshall McLennan
- Richard James Morey
- Nancy Ann Nahra
- Barry Frank Panepento

- George Richard Sabbag
- Harlan Aaron Schneider
- Margaret Elizabeth Skillings
- William George Tsiaras

**Class of 1969**
- Lawrence Albert Adams
- William Leonard Burges
- Peter David Constantineau
- Dorothy Louise Cratty
- Vivian Louise Foss
- Linda Isabel Gray
- Brian Francis Harville
- George Loring Higgins III
- Lynne Hudson
- Miklos Jako
- Elliot Gary Jaspin
- William Harry Lyons
- Anita Eva Matson
- Peter Rorstad Pennypacker
- Beth Ellen Sanborn
- Susanne Gilmore Snow
- Nancy Ann Spokes
- Warren Marston Turner
- Karen Anderson Woodard

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- Gregory N. Andrews
- Carl Douglas Baer
- Edward Joseph Bogh
- Sharon Mary Eschenbeck
- Patricia Gerrior
- Lorraine Ann Gill
- Mary Ann Golden
- Marlene Beth Goldman
- Constance Marie Kratz
- Carol Lewis
- Martha Carson McCall
- Judith Ann McLeish
- Philip Severin Norfleet
- Virginia Sheldon Pierce
- Jonathan Crocker Rich
- Dennis Raymond Salmi
- Karen Lee Teravainen
- William Brooks Ware
Interviewers for Admission

ARIZONA

Phoenix
The Rev. Robert Peale '51
3530 North 32nd Street
Aldersgate Methodist Church

CALIFORNIA

Fremont
Mrs. S. Baines Howard '53
4882 Richmond Avenue

Garden Grove
Mr. Lloyd I. Cohen '59
11662 John Avenue

King City
Mrs. Anne M. Birky '61
426A Pearl Street

Palo Alto
Prof. Willard Wyman '56
Associate Dean of Students
Stanford University

Palos Verdes Peninsula
Mr. Fenton R. Mitchell '51
Mrs. Fenton R. Mitchell
(Mary Leighton '51)
31107 Marne Drive

San Diego
Mrs. Roland C. McEldowney
(Barbara Read '63)
3586 Chamoune Avenue

San Francisco
Prof. Norman D. Lattin '18
Hastings College of Law
University of California
198 McAllister Street

COLORADO

Denver
Mrs. George Clymer
(Janet Kimball '57)
508 High Street

Green Mountain Falls
Miss Martha DeCou '66

CONNECTICUT

Bloomfield
Mr. Clayton W. Johnson '25
Apartment J – 14 West Lane

Bridgeport
Mrs. Kiernan J. Murphy
(Carol MacIver '55)
4 Hunting Street

Essex
Mr. N. Scott Brackett '61
7 Riverview Street

Fairfield
Mr. Richard Bishop '60
40-41 Redding Road

Greenwich
Mr. David Bergquist '61
704 Steamboat Road
Apartment 23

Hartford
Miss Rosemarie Carbino '62
57 Huntington Street

Lakeville
Mr. C. Arthur Eddy '54
(Mary Leighton '51)
Hotchkiss School

Mr. Arthur White '52
Hotchkiss School

Manchester
Miss Paula B. McNama '66
40 Durkin Street

Monroe
Mr. Karl E. Decker '54
Mrs. Karl Decker
(Merrilyn Healy '54)
R.F.D. #5, Elm Street

New Canaan
Mr. George M. Auchincloss '60
Mrs. George M. Auchincoss
(M. Josephine Deans '60)
49 Brinckerhoff Avenue

New Haven
Mr. Gary B. Miles '62
Mrs. Gary B. Miles
(Margaret Bone '62)
34 Beers Street

Mr. Henry N. Silverman '61
88 Diamond Street

Riverside
Mr. John T. King II '54
18 Welwyn Road

Southbury
Mrs. James C. Hummel
(Jean Smith '59)
White Oak

Waterbury
Miss Louise Leavenworth '49
329 Circular Avenue

West Hartford
Mrs. John H. P. Holden
(Janet Jacobs '45)
745 Farmington Avenue
Apt. 3-W
Mr. Norman P. Lee '58
6 Paxton Road

Mr. Robert Roth '51
Mrs. Robert Roth
(Helen Palen '51)
96 Van Buren Avenue

Willimantic
Mr. Thomas A. Callaghan '23
201 Lewiston Avenue

Wilton
Mr. Robert E. Nielsen '59
144 Huckleberry Hill Road

FLORIDA

Boca Raton
Mr. William D. Hood '61
P.O. Box 974

Coral Gables
Mr. S. James Foxman '65
1420 South Dixie Highway

Jacksonville
Dr. Carl E. Reed, Headmaster '35
The Bolles School
7400 San Jose Boulevard
P.O. Box 10169

Pompano Beach
Mrs. William Odell
(Mary Burrison '48)
1520 SW 68th Avenue

ILLINOIS

Glenview
Mr. Michael D. Flynn '61
Unit #3
1341 Green Willow Lane

Mr. Kenneth P. Nye '64
708 Glenwood Lane

Palatine
Mr. Earl S. Bosworth, Jr. '49
Mrs. Earl S. Bosworth, Jr.
(Barbara Van Every '49)
458 Monterey Road

INDIANA

Indianapolis
Mrs. Albert J. Robinson
(Marcia Peterson '60)
1550 West 72nd Street

Richmond
Prof. Claude Stinnetford '26
404 College Avenue

IOWA

Davenport
Mrs. H. Anthony Homet
(Barbara Klein '57)
5001 Brady Street

KANSAS

Garden City
Mrs. Larry P. Davis
(Erla Cleva '59)
1609 Belmont

KENTUCKY

Louisville
Mr. William P. Clark '58
Mrs. William P. Clark
(Nancy J. Harmon '58)
315 Ring Road

MAINE

Bangor
Mrs. Kenneth E. Danielson
(Roberta Stockwell '67)
Gravestone Trailer Park
MRB 275

Mr. Roderick Farnham '31
Mrs. Roderick Farnham
(Margaret Davis '28)
M.R.C. Box 17

Mr. Chesley H. Husson, Jr. '52
35 Wiley Street

Cape Elizabeth
Mr. Thomas Skolfield '29
Trundy Road
Shoreacres

Hallowell
Mr. Larry Arber '30
8 Wilder Street

Houlton
Mrs. Ralph Howard
(Eleanor B. Ross '37)
R.F.D. #2

Millinocket
Mrs. Roland L. Russell
(Patricia Farnham '62)
184 Highland Avenue

Winterport
Mrs. Gordon W. Bowie
(Mary Stimson '65)
Box 93

MARYLAND

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

Laurel
Miss Janet R. Jolicoeur '66
12905 Laurel Bowie Road
Apartment 204

Miss Judith Jones '66
13908 Briarwood Drive
Apartment 2122
Riverdale
Mr. Maurice R. Ronayne '51
6289 - 67th Court
"Prince Georgetown"
(Mailing — P.O. Box 2546
Washington, D. C. 20013)

Massachusetts
Abington
Mr. Carl R. MacPherson '26
621 Washington Street

Bedford
Mr. Benjamin R. Sears '52
31 Sweetwater Avenue

Brighton
Mrs. Clifford Henricksen
(Bonnie Zimmermann '66)
Apartment 203
114 Strathmore Road

Miss Lynn Seidensteucker '66
Apartment 417
1455 Commonwealth Avenue

Mr. David Wayne Winters '66
100 Kilsyth Road
Apartment #1

Brookline
Mr. A. Eric Rosen '67
311 Allston Street

Mrs. Richard P. Vaccio
(Marjanne Banks '62)
45-A Atherton Road

Cambridge
Mr. J. Lawrence Eckel '66
65 Perkins Hall
Harvard University

Miss Pamela Taylor '62
84 Prescott Street
Apartment 25

Carlisle
Mr. Malcolm Remington '57
Meadowbrook Road

Chestnut Hill
Mr. Gerald Wolper '58
44 Baker Circle

Cochituate
Mr. Donald D. Mordecai '60
7 Anthony Road

Concord
Mr. Clifford A. Bean '51
2 Wood Street

Danvers
Mr. Robert S. Lee '51
Hotwatt, Inc.
128 Maple Street

Dedham
Mr. Whitford S. Bond '63
655 Westfield Street

Dover
Mr. William C. Foehl '59
Centre Street

East Bridgewater
Miss Susan K. Nutter '66
82 Plymouth Street

Edgartown
Mrs. Stephen E. Gentle
(Mary J. Ballantyne '62)
Box 331

Falmouth
Mr. George H. Lebherz, Jr. '52
175 Main Street

Great Barrington
Mr. Robert E. Brolly '59
Mrs. Robert E. Brolly
(Marcia Eck '62)
R.F.D. #1, Alford

Hanover
Mr. Edgar Boardman '61
Mrs. Edgar Boardman
(Nancy Cunneen '61)
159 East Street

Haverhill
Miss Edith E. Emery '37
59 Chandler Street

Hingham
Mr. Charles A. Pearce '49
957 Main Street

Lunenburg
Mr. Andrew J. Karkos '31
83 Lancaster Avenue

Malden
Miss Geraldine Davies '66
130 Avon Street

Manchester
Mrs. Daniel F. Daley
(Hilda Brown '61)
49 Forest Street

Marblehead
Mrs. Richard B. Canton
(Marilyn Perkins '58)
46 Beach Street

Marlboro
Mr. David Thaxter '62
13 Sagamore Road

Newton Centre
Mr. Phillip M. Kay '67
14 Mason Road
Newton Highlands
Mr. Marvin S. Joslow '48
74 Elinor Road

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

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

Northampton
Dr. David Morse, Jr. '52
Mrs. David Morse, Jr.
(Deborah Brush '52)
26 Washington Avenue

Peabody
Mrs. Richard Hampton
(Eugenie Hahlbohm '55)
1 Lewis Circle

Mr. Richard A. Vose '51
2 Livingston Drive

Reading
Mr. Frederick R. Boyle '51
257 Grove Street

Roxbury
Mr. Leon T. Nelson '60
26 Crawford Street
2nd Floor

South Duxbury
Mr. Richard G. Lucier '60
Chesnut Street

Springfield
Mr. U. Cleal Cowing '27
369 Tremont Street

Squamut
Mr. David B. Chapin
19 Bay Street

Wakefield
Mr. George M. Cain '66
125 Chestnut Street

Waltham
Mr. Richard S. Fields '61
51 Jacqueline Road

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

Worcester
Mr. Thomas LaVigne '58
LaVigne Press, Inc.
41 Jackson Street

Minneapolis
Mr. Stuart H. Rakoff '65
3129 Garfield Avenue South

Mr. John W. E. Vollmer '60
Mrs. John W. E. Vollmer
(Janice Turner '62)
515 S Street S. E.

New Brighton
Mrs. Donald K. Clark
(Linda Levenson '60)
371 Old Highway 8
Apartment 202

Rochester
Mrs. David Decker
(Elizabeth Bavis '39)
46 Skyline Drive

Missouri
Creve Coeur
Mr. John J. Pallotta '61
Mrs. John J. Pallotta
(Barbara Hunter '59)
13042 Gallagher Road

New Hampshire
Berlin
Mr. Lawrence W. Dwyer '38
286 Church Street

East Rochester
Mr. Ralph W. Hilton '44
53 Main Street

Franconia
Mr. David O'Neil '54
Director of Business
Franconia College

Hampstead
Mr. Bruce MacDonald '59
Hilltop Lane
Haverhill
Mr. A. Frank Stiegler '28
Route 10

Nashua
Mr. Laurie L. Harris '42
R.F.D. #1

Mr. C. Wallace Lawrence '17
179 Amherst Street

Tilton
Mr. Alfred J. Gengras III '59
Tilton School

NEW JERSEY

Belle Mead
Mr. Anthony S. Glockler '57
Mrs. Anthony S. Glockler
(Beverly Jackson '60)
29 Whippoorwill Way
R.D. #2

Berkeley Heights
Mrs. James T. Greenwood
(Colette Piquerez '57)
151 Rutgers Avenue

Fort Lee
Mr. Donald F. Kellogg '32
English Department
Fort Lee High School

Madison
Mr. Roy V. Shorey, Jr. '54
56 Niles Avenue

Mountain Lakes
Mr. Joseph O. Denis '52
15 York Road

Newfoundland
Mr. Robert J. Gannon '61
10 Rolling Ridge Road
R.F.D. #1

New Vernon
Mr. Charles R. DeBevoise '48
Youngs Road, R.F.D.

Pompton Lakes
Mrs. Robert E. Otis
(Bonnie McGregor '61)
1144 Ringwood Avenue

Princeton
Miss Anne Ruggles '66
20 Charlton Street

Red Bank
Mrs. Harry C. Hodum
(Ruth Veit '62)
33D Spring Terrace

Westfield
Mrs. Donald E. Gilbert, Jr.
(Sally Saabye '64)
38 Sandra Circle

NEW YORK

Albany
Mr. William M. Harriman '17
188 West Lawrence Street

Dr. Curtis L. Hemenway '42
Dudley Observatory
140 South Lake Avenue

Balmat
Mr. C. MacDonald Grout '54
Mrs. C. MacDonald Grout
(Eleanor Edmunds '56)

Buffalo
Mr. Francis J. Silver
485 Woodland Drive

Garden City, L. I.
Mr. Patterson Small '47
101 Wyatt Road

Kings Park, L. I.
Mr. William C. Droll '60
595 East Northport Road

Manhasset, L. I.
Mr. M. Colby Tibbetts '45
15 Ridge Circle

New Paltz
Mrs. Barbara Grant Nnoka '43
498 So. Ohioville Road

New York City
Mrs. Douglas F. Bevin
(Cynthia Gardner '58)
1130 Park Avenue

Mr. Edwin Roy Eisen '54
654 Madison Avenue

Miss Jean Gaffney '62
1220 Park Avenue

Mr. Solomon J. Hartman '67
414 West 120th Street

Mr. William B. Neil, Jr. '65
2040 Bruckner Boulevard
Bronx

Miss Marsha F. Palmer '63
415 East 80th Street

Miss Judith Spear '63
131 East 36th Street

Miss Helen Strauss '45
240 East 79th Street

Mr. Henry K. Wingate '61
3235 Cambridge Avenue
Riverside, Bronx
Peekskill
Mrs. Timothy C. Crane
(Louise Hahlbohm ’61)
Watch Hill Road

Pelham
Mrs. Lawrence W. Carr
(Janice Rideout ’60)
122 Pelhamdale Avenue

Pelham Manor
Mr. Robert Schultz ’55
Mrs. Robert Schultz
(Xandra McCurdy ’55)
25 Garden Road

Pittsford
Mr. Donald Butcher ’44
67 Reitz Parkway

Rochester
Mrs. Pieter Punt
(Beryl Baldwin ’53)
55 Lincoln Mills Road

Rockville Centre, L. I.
Mrs. David B. Pressman
(Madelyn Wechsler ’53)
43 Berkshire Road

Mrs. Gerald Seidenberg
(Gloria Shine ’48)
1 Forestdale Road

Schuylerville
Miss Charlotte Killam
Ranger Road

Syosset
Dr. Anthony Arthur ’54
36 Whitman Avenue

Syracuse
Mrs. Howard Lawrence
(Donna Cobb ’63)
5027 Milton Avenue

Trumansburg
Mrs. David S. McKeith
(Shirley Coatsworth ’55)
32 Strowbridge Street

West Sand Lake
Mr. Kenneth Van Praag ’55

North Carolina
Fayetteville
Lt. John C. Parsons II ’65
Mrs. John C. Parsons II
(Janice L. Wood ’65)
5121 Hodge Street

Raleigh
Mr. Ray Deltz ’49
5235 Knollwood Drive

Ohio
Cincinnati
Mr. Philip C. Heywood ’51
7075 Old Chapel Drive

Mr. Peter S. Lowrey ’53
8210 Margaret Lane

Cleveland
Miss Dorothy Nyman ’54
2546 Kenilworth Road

Columbus
Mr. Frederick W. Ziegler ’52
3082 Elber

Hudson
Mr. Ormande Brown ’51
85 Manor Drive

Kent
Dr. Lawrence S. Kaplan ’47
Assistant Dean
College of Arts & Sciences
Kent State University

Toledo
The Rev. Philip A. Shearman ’50
1947 Potomac Drive

Oklahoma
Oklahoma City
Mrs. Warren J. Randolph
(Leslie Wyman ’57)
2525 N. W. 117th Street

Oregon
Eugene
Miss Frances C. Grey ’40
610 Horizon Road

Pennsylvania
Bethlehem
Mrs. James McIntosh
(Sally Phelan ’59)
246 Uncas Street

Bryn Mawr
Mr. William D. Wooldredge ’61
937 Wootton Road

Doylestown
Mr. Thomas McK. Thomas ’63
Mrs. Thomas McK. Thomas
(Patricia Raymond ’65)
136 Tower Hill Road

Easton
Mrs. Robert A. Conover
(Nancy Moyer ’54)
823 Burke Street

Professor David Crocket ’52
Chemistry Department
Lafayette College

Gladwyne
Mr. Richard B. Beal ’51
936 Merion Square Road

Philadelphia
Miss Audrey Bostwick ’51
6705 Springbank Lane
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<td>Mrs. Bay E. Estes, Jr. (Ruth E. Stubbs '34)</td>
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<td>Radnor</td>
<td>Mr. Chester D. Harrington, Jr. '51</td>
<td>924 Weadley Road</td>
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<td>Roslyn</td>
<td>Dr. William V. Chase '62</td>
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<td>Mrs. William V. Chase (Barbara Haines '63)</td>
<td>1321 Clarke Road</td>
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<td>Sewickley</td>
<td>Mr. Edward A. Waller '49</td>
<td>461 Maple Lane</td>
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<td>Swarthmore</td>
<td>Mr. Paul Marsolini '64 c/o McCorkle</td>
<td>222 Cornell Avenue</td>
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<td>Miss Jane Michener '66</td>
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<td>801 Westdale Avenue</td>
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<td>Cranston</td>
<td>Mr. Norval E. Garnett '51 Mrs. Norval E. Garnett (Norma Bergquist '52)</td>
<td>67 Dellwood Road</td>
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<td>Mr. John S. Baxter '58</td>
<td>41 Fiume Street</td>
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<td>Saugus</td>
<td>Mr. Courtney Davis '60</td>
<td>Box 63</td>
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<td>TENNESSEE</td>
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<td>Mr. George Wales '51</td>
<td>Standard Knitting Mills, Inc.</td>
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<td>Dallas</td>
<td>Mr. James S. Hall '50</td>
<td>3928 Royal Palms Court</td>
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<td>Mr. Alden E. Wagner '44</td>
<td>3812 Gillon Avenue</td>
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<td>El Paso</td>
<td>Mr. Laurence D. Sears '67</td>
<td>3325 Wyoming Avenue</td>
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<td>McLean</td>
<td>Mr. Herbert K. Bryan '33</td>
<td>3620 Rockland Terrace</td>
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<td>WASHINGTON</td>
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<td>Seattle</td>
<td>Mr. Randall L. Holden, Jr. '65</td>
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<td>Mrs. Randall L. Holden, Jr. (Pamela Harris '66)</td>
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<td>Madison</td>
<td>Mrs. Russell V. Brown (Karen Jaffe '65)</td>
<td>1126 Catalpa Circle</td>
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<td>Mr. Bruce Davey '65</td>
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<td></td>
<td>Mrs. Bruce Davey (Margaret Chandler '64)</td>
<td>302 F Eagle Heights Apartments</td>
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<td>Racine</td>
<td>Mr. Lawrence R. Pugh '56</td>
<td>204 East Four Mile Road</td>
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<tr>
<td>MEXICO</td>
<td>Miss Jane P. Holden '60</td>
<td>DATAMEX</td>
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College Calendar, 1968-69

Friday, September 6
Monday, September 9
Tuesday, September 10
Saturday, October 19
Wednesday, October 23
Saturday, October 26
Saturday, November 9

Wednesday, November 27, 10:00 A.M.
to Monday, December 2, 8:30 A.M.
Tuesday, December 10
Thursday, December 12 through
Wednesday, December 18
Thursday, December 19
Monday, January 6 through
Saturday, February 1
Monday, February 10
Tuesday, February 11
Monday, March 24
Friday, March 28, 10:00 A.M.
to Monday, April 7, 8:30 A.M.
Monday, May 5 through
Friday, May 16
Friday, May 16

Monday, May 19 through
Wednesday, May 28
Sunday, June 1

Freshman program begins
Upperclass registration
First classes
Parents Weekend
Midsemester
Homecoming Day; all classes omitted
CBB football game away; classes end at 11:00 A.M.
Thanksgiving recess

Last classes of first semester
Semester examinations

First semester make-up examinations
January Program

Registration
First classes of second semester
Midsemester
Spring recess

Reading period for 300 & 400 courses

Last classes for 100 & 200 courses
Comprehensive examinations
Final examinations
Commencement