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# COLBY COLLEGE BULLETIN

Catalogue Issue September 1966

# COLLEGE BULLETIN

\*\*ERVILLE, MAINE • FOUNDED IN 1813 • ANNUAL CATALOGUE ISSUE • SEPTEMBER, 1966

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25 26 27 28 29 30 31 25 26 27 28 29 30

1966	19	67	1968
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24 25 26 27 28 29 30

31

23 24 25 26 27 28

30

### College Calendar, 1966-67

Vednesday, September 7 Freshman program begins aturday, September 10 Upperclass registration

Ionday, September 12 First classes

aturday, October 15 Parents Weekend

aturday, October 22 Homecoming Day; all classes omitted

Vednesday, October 26 Midsemester

aturday, October 29 and Football games away; classes end at 11:00 AM

aturday, November 5

Vednesday, November 23, 10:00 AM Thanksgiving recess

) Monday, November 28, 8:30 AM

Last classes of first semester aturday, December 10 Semester examinations

Ionday, December 12 through

aturday, December 17

First semester make-up exams 'uesday, January 3

Vednesday, January 4 through January Program

aturday, February 4

First classes of second semester fonday, February 13

Midsemester fonday, March 27 riday, March 31, 10:00 AM Spring recess

Monday, April 10, 8:30 AM

riday, May 12 through

hursday, May 25

unday, June 11

Last classes for 100 and 200 courses hursday, May 25

Comprehensive examinations riday, May 26

Final examinations fonday, May 29 through

Vednesday, June 7

Commencement

Reading period for 300 and 400 courses

Inquiries to the college should be directed as follows:

ADMISSION HARRY R. CARROLL, Dean of Admissions

WILLIAM A. MACOMBER, Director of Adult Education ADULT EDUCATION

ARTHUR W. SEEPE, Treasurer **FINANCIAL** 

CARL E. NELSON, Director of Health Services **HEALTH AND** 

MEDICAL CARE

**HOUSING** MEN GEORGE T. NICKERSON, Dean of Men

> Frances F. Seaman (Mrs.), Dean of Women WOMEN

George L. Coleman, Registrar RECORDS AND TRANSCRIPTS

EARLE A. McKeen, Director of Financial Aid SCHOLARSHIPS AND

**EMPLOYMENT** 

Director of the Summer School of Languages SUMMER SCHOOL OF

LANGUAGES

George L. Coleman, Registrar VETERANS' AFFAIRS

> A booklet, ABOUT COLBY, with illustrative material, has been prepared for prospective students and may be obtained

from the dean of admissions.

SERIES 65 The COLBY COLLEGE BULLETIN is published five times yearly,

May, June, September, December, and March.

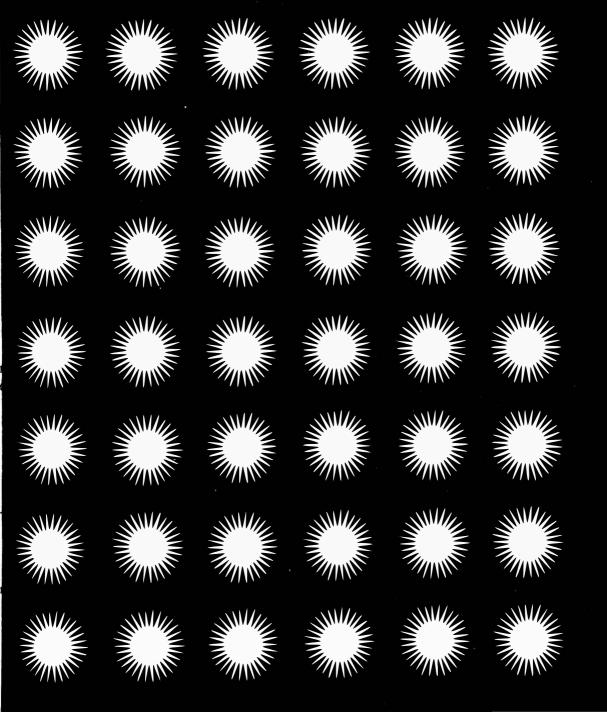
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# General Information



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### Colby College

ORPORATE NAME

The President and Trustees of Colby College

EGAL BASIS

Chartered as Maine Literary and Theological Institution by the General Court of Massachusetts, February 27, 1813. First classes, 1818. Authorized to confer degrees by the first Legislature of Maine, June 19, 1820. First Commencement, 1822. Name changed to Waterville College, February 5, 1821; changed to Colby University, January 23, 1867; changed to Colby College, January 25, 1899.

UNCTION

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

EGREE CONFERRED

Bachelor of Arts.

INROLLMENT

811 men, 639 women.

ACULTY

120 full and part time.

ENDOWMENT

\$12,024,000 (book value.)

JBRARY

Over 250,000 volumes, periodicals, pamphlets, microfilms and papers.

ACCREDITATION

Accredited by the New England Association of Colleges and Secondary Schools. Member of the College Entrance Examination Board, the Association of American Colleges, the American Council on Education. Approved by the American Chemical Sciety, Association of American Medical Schools, American Association of University Women, the American Association of University Professors. The Colby chapter of Phi Beta Kappa was founded in 1895.

LOCATION

Waterville, Kennebec County, Maine; population 18,695. Industries: textiles, paper, molded papyrus products, shirts, plastics. Bus service, Greyhound Lines. Airport with service of Northeast Air Lines at Augusta. On U. S. Interstate Highway 95, connecting with Maine Turnpike at Augusta.

#### HISTORY OF COLBY COLLEGE

# 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 Insti tution, 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 Somer set counties. They chose Waterville, and in 1818 persuaded the Reverend Jeremiah Chaplin to come from Danvers Massachusetts, with his family and seven theological stu dents.

During his first year Chaplin was the only teacher, con ducting classes in a farmhouse where the Elmwood Hotel now stands. In 1819 he was joined by professor of lan guages, 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 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. Although Colby still is, officially, a coordinate college, it has become truly coeducational, and separate classes have been abandoned.

During the early years the trustees were compelled to sell much of the college land in Waterville 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 1,300, and the students come from more than two thirds of the states and many foreign countries. The faculty, numbering 56 in 1940, now exceeds 100. During the same years the endowment has increased from less than three million dollars (original cost) to more than ten million. Accompanying the physical expansion has been a growth in variety and quality of the curriculum enabling an increas-

**PRESIDENTS** 

ing 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." Funds contributed to the campaign exceeded the matching stipulations by \$1 million.

1033-1030	KUFUS DABCUCK
1836-1839	ROBERT EVERETT PATTISON
1841-1843	ELIPHAZ FAY
1843-1853	DAVID NEWTON SHELDON
1854-1857	ROBERT EVERETT PATTISON
1857-1873	JAMES TIFT CHAMPLIN
1873-1882	HENRY EPHRAIM ROBINS
1882-1889	George Dana Boardman Pepper
1889-1892	Albion Woodbury Small
1892-1895	BENIAH LONGLEY WHITMAN
1896-1901	NATHANIEL BUTLER, JR.
1901-1908	CHARLES LINCOLN WHITE
1908-1927	ARTHUR JEREMIAH ROBERTS
0 0.	

1929-1942

1942-1960 1960Franklin Winslow Johnson

ROBERT EDWARD LEE STRIDER, II

JULIUS SEELYE BIXLER

1822-1833 JEREMIAH CHAPLIN

1899-1896 RUFUS BARCOCK

#### COLBY TODAY

Colby is a coeducational undergraduate college of liberal arts, "committed," to quote the inaugural address of Presi dent 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 endowed with a high degree of intellectual curiosity. He should have the energy and the ambition to pursue his academic objectives with vigor and concentration, and to take a healthy and constructive part in a limited number of those extra-curricular activities which supplement the academic program. These include student government, student publications, athletics (intercollegiate and intramural), music, drama, dance, debating, religious groups and social organizations.

It is the philosophy of the college that responsibility be given the 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.

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

## The Academic Program

DIVISIONS OF INSTRUCTION

The 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

In each of his eight semesters at Colby the student takes five subjects, 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, a foreign language (unless covered by an achievement examination), and mathematics or a science. A social science is usual as the fourth course: the fifth is a free elective or, for prospective science majors, a second science course.

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

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

Prospective students frequently ask what subjects they will study - especially in the freshman year. It would be misleading to present any specific pattern of courses for either of the first two years; 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 16.

FRESHMAN YEAR English composition Foreign language (unless requirement already met) A course in science or mathematics<sup>1</sup> A course in social sciences or humanities Elective 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)

<sup>&</sup>lt;sup>1</sup> Prospective majors in departments requiring mathematics usually elect mathematics in the freshman year. Prospective majors in biology, chemistry, geology, or physics take both mathematics and a science.

GRADUATION REQUIREMENTS To qualify for the degree of bachelor of arts a candidate must meet specific requirements in quantity, quality, distribution and concentration (see major on page 19), and must also participate satisfactorily in the January Program (page 20.)

QUANTITY Forty semester courses or their equivalent in year courses.

QUALITY

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

#### DISTRIBUTION REQUIREMENTS

#### ALL COLLEGE REQUIREMENTS

- English Composition and Literature: four semesters (three for those who show suitable proficiency). This requirement will be met by English 121, 211, and 212. Students for whom four terms are required take English 122. (See note on remedial English, p. 69.)
- Foreign Language: A basic knowledge of one ancient or modern foreign language. This requirement may be met in one of four ways:
  - (1) Giving evidence of satisfactory achievement in a foreign language taught at Colby by (a) attaining before entrance a sufficiently high score in the College Entrance Examination Board foreign language achievement test, or (b) passing an achievement examination testing ability to read the language proficiently.
  - (2) Successful completion of any year-course numbered above 101, 102 in an ancient or modern foreign language offered at Colby College, beginning in freshman year and pursued in sequence until the requirement is fulfilled.
  - (3) 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 two years of that language at the college level with marks high enough to make the work acceptable toward the Colby degree. (See note on page 10 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.

#### AREA REQUIREMENTS:

- Four semester courses in each of the areas (described in III below) into which the student's major does not fall.
  - (1) Not more than two semester courses in any one subject may be counted toward the requirement in any one area. Combined subjects listed in the areas in III below (such as philosophy and religion) are here considered to be one sub-
  - (2) Among the social sciences no more than two semester courses at the 100-level may be counted toward the require-
  - (3) Among the sciences at least two of the semester courses must involve laboratory, and the four must be chosen from no more than three subjects.
  - (4) English 222, required for all students, counts as one semester course toward the humanities requirement.
  - (5) Students enrolled in combined majors which overlap two areas (for example: philosophy-mathematics) must satisfy area requirements in all three areas: humanities, sciences, and social sciences.
- Students admitted to the course in creative thinking (Humanities 101-102) and who pass it with a grade of Bor better may be exempted from any two terms of any area requirement.

#### III AREAS:

#### HUMANITIES

Art

Classics (except Ancient History)

Dance, Composition

English (except for 121, 122, 211, 131d, and 253)

Modern Languages (except 101, 102, 103, 104 courses)

Music

Philosophy and Religion (certain courses: Religion 213, 214; 311, 315; Philosophy 314, 318, 372 and 355; Philosophy and Religion Seminars when topics are relevant.)

B. **SCIENCES** Biology Chemistry Geology **Mathematics** Physics and Astronomy

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

Freshman and Sophomore physical education credits are part of the graduation requirements.

RESIDENCE

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

EXEMPTION BY **EXAMINATION** 

When appropriate, either all college or area requirements, as well as certain requirements for the major, may be absolved by examination with out course enrollment, at the discretion of the department concerned.

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

MAJOR

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

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

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

Any student whose cumulative points in courses completed toward the major fall below a certain scale loses his right to continue with that major. The required scale is as follows: first two semester courses, 3 points; 2 points for each semester course thereafter.

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

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

#### COMBINED MAJORS

A combined major in two subjects consists of a minimum of three year courses or their equivalent in semester courses in each of the two subjects. A combined major in more than two subjects consists of a minimum of eight year courses or their equivalent in semester courses, at least three of them being in one subject.

The following combined majors are offered:

American Civilization Classics-English Classics-Philosophy Geology-Biology

Geology-Chemistry Philosophy-Mathematics Philosophy-Religion

#### READING PERIOD

During the two weeks preceding the final examinations at the close of the second semester, a special reading period is scheduled for many courses numbered in the 300's and 400's. Not a time for review, this period frees the student from the routine of class meetings so that he may devote full time to independent study of freshly assigned reading or laboratory work. Although classes do not meet, instructors are available for consultation. Reading period assignments are tested in the final examinations to a maximum of one third of the examination time.

Whether to have a reading period is decided by each instructor, who informs students whether classes are to continue meeting during the two weeks. Reading periods are not held in courses exempted from final examinations.

#### JANUARY PROGRAM OF INDEPENDENT STUDY

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

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

A limited number of Senior Scholars, selected by a faculty

JUNIOR YEAR ABROAD

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

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

STUDENT EXCHANGE PROGRAM

A student exchange program was begun in 1960-61 between Colby College and Fisk University. Each student pays regular tuition and board and room charges at his home college, though residing and studying 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 men or the dean of women.

PROGRAM II

Twenty-five students in the entering class in September, 1966, will be 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 will be assigned to advisers. The adviser will be the chief source of faculty guidance, acting as tutor and critic.

A brochure giving further details may be obtained from the admissions office.

FOREIGN STUDENTS

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 Institute of International Education in New York City. candidates for financial aid not eligible to participate in one of the previously described programs should apply to the nearest representative of the Institute of

#### REGISTRATION

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

No student will be permitted to register later than the seventh class day of the semester, unless the dean of men or the dean of women 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.

#### ELECTION OF COURSES

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 course if he fails to make spring election.

With the approval of the adviser, voluntary changes in

a student's program may be made during the first five class days of a semester, the first day of classes being considered

the first day of the semester. A fee of two dollars is charged on the semester bill for each such voluntary change. After the fifth day no students are permitted voluntarily to change from one course or section to another.

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

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

#### AUDITING COURSES

Colby students may 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.

\* :XAMINATIONS

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

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

With the consent of the dean of men or dean of women a sudent 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 zero or refer the case to the dean of men or the dean of women for more drastic action.

CADEMIC STANDING

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

At the end of the first half of each semester the faculty issues mid-semester warnings through the registrar's office. A major warning means that a student's standing at that

time is below passing; a minor warning that, though passing, standing is so low that failure of the course is likely.

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

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

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

A mark of Abs. indicates that a student has been absent from final examinations. A mark of Inc. indicates a course not finished for some reason other than failure to take the final examinations. Grades of Abs. or Inc. must be made up within limits set by the instructor, and not later than the seventh class day of the succeeding semester. After this date any remaining mark of Abs. or Inc. will be changed to an F. The student deans may give limited extensions for the completion of work without penalty, but only for excuses similar to those acceptable for missing a final examination (page 12.)

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

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

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

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

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

VITHDRAWAL

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

#### TRANSFERRED CREDITS

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

- (1) When students are admitted by transfer their records are tentatively evaluated by the dean of admissions to determine the transferable equivalent in Colby courses. These courses are credited subject to confirmation through satisfactory progress at Colby College.
- (2) With prior permission, granted by the dean of men or dean of women on their receipt of appropriate recommendations from academic advisers, students enrolled in the college may receive credit for work in Junior Year Abroad programs, in the Fisk Exchange semester, or in approved summer school courses. No student may receive credit toward graduation for more than four semester courses taken in summer school for the purpose of making up deficiencies.
- (3) When a student who has been dropped from the college applies for readmission, courses taken during the period of separation are examined for transferable credit on the same basis as courses presented by new transfer students.

#### SELECTIVE SERVICE EXAMINATION

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

### The Library

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

The open stack system allows the students to browse through a collection of some 250,000 volumes. A periodical collection consisting of over 730 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.

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

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

### Admission

Acceptance of candidates follows a selective process. The academic record of an applicant, the degree to which he has demonstrated intellectual curiosity, and evidence of his motivation are of primary significance; also important are his health, character, and personality. Colby is interested in candidates of academic ability who have demonstrated interest and participation beyond the routine scope of their studies. The 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 required: English (4); foreign language (2); college preparatory mathematics (3); history or social studies (1); science (laboratory) (1); elective (5).

#### COLLEGE BOARD TESTS

All candidates are required to submit the results of the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board. The Scholastic Aptitude Test should be taken in December or January of the senior year. The Achievement Tests, which should include English Composition, a test in a foreign language (including listening comprehension if available), and one other of the candidate's choice, and should be taken no later than January of the senior year.

The CEEB tests are given at centers in the United States and foreign countries. Application for tests may be made to the College Entrance Examination Board, P.O. BOX 592, Princeton, New Jersey 08540, or P.O. BOX 1025, Berkeley 1, California, 94701.

DVANCED 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 College for evaluation.

#### **DMISSION PROCEDURE**

- Application is made to the dean of admissions. A nonrefundable \$15 fee is required and a check or money order in this amount should be returned with the application.
- colby will grant early decision to well-qualified candidates. Students should submit regular application papers and junior sat's by November 30 prior to the senior year. A statement at the time of application that Colby College is the student's first choice, that early decision is requested and other applications will be withdrawn if early decision acceptance is granted must also be sent. Candidates who are admitted are expected to complete senior sat and achievement test requirements. Notification of financial aid decisions accompanies the letter of acceptance if the College Scholarship Service forms have been received.

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

3. Interviews are not required and are not a part of the selection process. Applicants who have not visited the campus are encouraged to do so, and campus guides are available week days and on Saturday mornings when the college is in session. Opportunities to meet with representatives of the admission 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.

The schedule for admission applicants is as follows:

November 30 - deadline for filing for early decision and for financial aid for early decision applicants.

January 15 - latest date of notification of actions by admissions committee to early decision candidates.

February 1 – deadline for filing applications for regular admis sion 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.

#### PLACEMENT IN FOREIGN LANGUAGES

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

#### PLACEMENT IN **MATHEMATICS**

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

RANSFER STUDENTS/

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

The prospective transfer student should write to the dean of admissions at Colby, stating his reasons for applying. A regular application form will be sent to be completed and returned with the \$15 application fee. The student should ask his former college dean to send Colby an official transcript of grades, a copy of the college catalog, and a letter of recommendation.

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

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

ECIAL STUDENTS

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

ADING TESTS

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

#### ORIENTATION FOR FRESHMEN

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

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

#### HEALTH CERTIFICATE

Before matriculation, each student must present a satisfa tory health certificate signed by a physician, including ev dence of tetanus toxoid immunization and chest x-rays. is recommended that polio immunization be complete prior to entrance. Procedures to be followed will be ou lined in letters from the dean of men or the dean of women

# Fees and Financial Aid

NNUAL STUDENT CHARGES OR 1966-1967	Tuition Room Board General Fee'		\$1,750 350 550 100  \$2,750	
ALENDAR OF PAYMENTS <sup>2</sup> 966-1967	Upon filing of application Upon acceptance	Application deposit	\$	15
	for admission August 1	Admission deposit—freshmen³ Tuition deposit—upperclassmen³		100 200
FIRST SEMESTER	On or before September 1	Tuition Room Board General Fee <sup>1</sup>	\$ 	875 175 275 100 
SECOND SEMESTER	December 1 On or before January 20	Semester bill and miscellaneous (see page 38) Tuition Room Board		875 175 275
	April 1	Semester bill and miscellaneous (see page 38)		,325 ems
	April 15	Room deposit for following year		\$50

<sup>&</sup>lt;sup>1</sup> Includes sickness and accident insurance and student activities fee.

<sup>&</sup>lt;sup>2</sup> Payments must be made in accordance with this calendar of payments whether or not reminder notices are received from the college.

<sup>&</sup>lt;sup>a</sup> Applicable toward tuition payment.

#### FEES AND CHARGES **EXPLAINED**

No formal bills are issued for the following items:

#### **DEPOSITS**

Application deposit: a non-refundable application fee of \$15 must accompany each application for admission.

Admission deposit: non-refundable deposit of \$100 due on or before the date for confirmation of intention to attend (page 32). This deposit is later credited toward tuition due prior to registration.

Tuition deposit: non-refundable deposit of \$200 required of all upperclass students on or before August 1 each year. Room reservations and places in their respective classes will not be held for students failing to make this deposit. For entering students the \$100 admission deposit covers this item.

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

#### ADVANCED PAYMENTS

Tuition: the tuition charge is \$875 per semester for a five course program. The semester per course charge is \$175. Tuition must be paid prior to registration for each semester. Room: room in college dormitories is charged at the rate of \$175 each semester payable prior to registration for each semester. Students are expected to occupy college housing facilities to the full extent of their availability. Other arrangements may be made only with the specific approval of the dean of men or the dean of women. Dormitory reservations are made through the offices of the deans.

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

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

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

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

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

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

SEMESTER BILL

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

MISCELLANEOUS

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

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

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

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 car be identified. The unused portion of these deposits is re funded on a pro-rated basis at the end of the year.

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

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 o each year upon surrender of all AFROTC equipment.

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

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

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

#### PAYMENT OF BILLS

Tuition, room, board, and general fee must be paid in full in accordance with the calendar of payments (page 35) 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 ac cording 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
Roard is charged at the rate of	11-	<b>F</b> O	ne	r full	or partis

Board is charged at the rate of \$17.50 per full or partia week. No reduction is made for periods shorter than a full week.

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

FINANCIAL AID

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

Financial aid in excess of \$650,000 is distributed annually in scholarships, Woodman Grants, employment, and loans The amount in the first two categories represents the income from invested funds provided throughout Colby's history by alumni, friends, foundations and organizations. Scholarships are the basis for financial assistance, but cannot be expected to meet the full cost of a college education. Many supplement them with loans. Those who hold scholarships in excess of \$1,000 are expected to accept employment at the college. In all cases, the amount of assistance depends on financial need.

Among national corporations and foundations providing scholarships at Colby are: Charles A. Dana, Reader's Digest Scott Paper, Alfred P. Sloan, C. F. Hathaway-Warner Brothers, Crown-Zellerbach.

FRESHMAN SCHOLARSHIPS

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

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

UPPERCLASS SCHOLARSHIPS

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

Colby, with a majority of institutions of higher learning,

LOANS

believes one of the best ways of meeting the costs of higher education is through increased use of student loans. A fund for this purpose is administered by the college. Student loans are also available under terms of Title II of the National Defense Education Act. Information may be obtained from the office of the director of financial aid.

Sons and Daughters of Baptist Ministers: In recognition of

RESTRICTED SCHOLARSHIPS

Colby's historical affiliation with the Baptist denomination, it is a custom to grant remission of half tuition to sons or daughters of ordained Baptist ministers who qualify on the basis of need and academic achievement. Kling Scholarships: An endowment from the late Charles Potter Kling provides a number of scholarships annually which, by the terms of his will, are available to "needy male students of American Colonial or Revolutionary ancestry." Some of these amount to full tuition and may be continued until graduation if the holder maintains good citizenship and satisfactory scholastic standing. Applicants for Kling Scholarships should write to the director of financial aid requesting a genealogical data form.

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

#### COLLEGE EMPLOYMENT

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

#### PLACEMENT

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

# Student Life and Activities

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 Club (Episcopal), Inter-Varsity Christian Fellowship, and the Christian Science Organization. Roman Catholics have the Newman Club, and Jewish students have Hillel.

A notable event of the year is Religious Convocation when the Interfaith Association brings to the campus prominent religious leaders. In 1966 the topic of the convocation was Celebration and Protest in the Arts. Kenneth L. Patton, minister of the Charles Street Speaking House in Boston, was the speaker; visitors included the Paul Knopf Jazz Trio, and Caravan Theatre; students and faculty also participated.

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.

ELIGION

**LECTURES** 

Throughout the year, lectures and concerts bring outstanding scholars, musicians, and artists to the campus. There are three lecture series-the Guy P. Gannett, Gabrielson and Ingraham-in addition to speakers invited by the Friends of Art at Colby, by student organizations, and by learned societies. The Gannett Lectures are devoted to general scholarly subjects; the Gabrielson Lectures, on certain Thursdays in the second semester, are concerned with national and international topics; and the Ingraham Lectures are in philosophy and religion. There are also annual events: the Lovejoy Convocation, honoring prominent newspapermen (in 1965, Colbert A. McKnight, editor of The Charlotte Observer); Recognition Assembly; and Religious Convocation.

Among lecturers in 1965-66 were: John Eastman, Jr., Dorothy Bethurum, William Hughes Hamilton, John Wilmerding, Herbert Ross Brown, John G. Stoessinger, Samuel P. Huntington, Otto Eckstein, Milton Katz, Max F. Millikan, Hans Rosenhaupt, Edward Featherstone, Selma Jonsdóttir, Richard McLanathan, Vishwanath Naravane, John H. Reed, Edmund S. Muskie, Hans J. Morgenthau, Charles Singleton, John Ciardi, Elis Dillon, Robert Speaight. The Commencement speaker was René Jules Dubos, professor of the Rockefeller University.

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 (page 121). There are also informal groups for those interested in lighter vocal music: the Colby Eight (men), the Colbyettes (women), and the Colby Folk Song Society. Recitals are presented on the Walcker organ in Lorimer Chapel.

Concerts are given by Colby's own musical groups as well as visiting performers. The Colby Music Associates offer an annual series which, in the past year, consisted of Rosalyn Tureck, Adele Addison, and the Boston Symphony Chamber Players.

The college also sponsored the University of New Hampshire String Quartet, the Brunswick Chamber Singers, and pianist Anthony di Bonaventura. The Colby Community Orchestra gave two concerts, with guest soloists George M. Sayre, oboist, and Connie Tonken, pianist; the band and glee club gave a concert during Religious Convocation; and the glee club, Waterville Area Community Chorus, and symphony orchestra together presented Kodaly's Te Deum and Bach's Cantata 21: Ich hatte viel Bekümmernis.

ART

The Bixler Art and Music Center is the focal point for the college's art program. Continuous exhibitions featuring selections from the college's permanent collection as well as original and travelling shows are shown in the 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 1965-1966 exhibitions were: Icelandic Art; Selections from the Colby Permanent Collection; the Collection of Robert and Mimi Laurent; Student Exhibition; The Fabulous Decade: American prints of the 1950's; Abbott Meader; Fitz Hugh Lane; Maine Craftsmen.

Exhibitions devoted to fine printing and crafts are displayed in Miller Library.

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. The college offers, in alternate years, a credit course in The Development of the Theatre. The 1965-66 Powder and Wig repertoire included: A Man for All Seasons (Holt); Woyzeck (Buchnor); The Dreaming of the Bones (Yeats); Cavalier (Smith); Play (Beckett) and Kiss Me Kate (Porter).

SPEECH AND DEBATE

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

BOOK OF THE YEAR

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

Since the program was introduced in 1949, the selections have been: Human Destiny by Lecomte du Nouy; The Mature Mind by Harry Overstreet; Policy for the West by Barbara Ward; Selected Plays by George Bernard Shaw; Who Speaks for Man by Norman Cousins; Out of My Life and Thought by Albert Schweitzer; The Lonely Crowd by David Riesman; The Adventures of Don Quixote by Cervantes; The Shaping of the Modern Mind by Crane Brinton; Theory of the Leisure Class by Thorstein Veblen; Magic, Science and Religion by Bronislaw Malinowski;

Civilization and its Discontents by Sigmund Freud; From Death-Camp to Existentialism by Viktor Frankl; Alice's Adventures in Wonderland and Through the Looking Glass by Lewis Carroll; Autobiography of Montaigne, Notes of a Native Son by James Baldwin; and The Divine Comedy by Dante Alighieri.

#### 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. Seven of the fraternities occupy separate houses on the campus, controlled by prudential committees on which the fraternity alumni association, the local chapter, and the college are represented. A housemother is resident in each house. Members of the three fraternities whose houses are still to be built are quartered in dormitories. 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 43), others are educational in nature. Among the latter are the various foreign language clubs - French, Span ish, and German; the educational societies: Chi Epsilon Mu (chemistry), Delta Phi Alpha (German), Phi Sigma Iota (French) and Sigma Pi Sigma (physics); and the Forensic Society, John Marshall Society, Society of Social Relations and the college publications: the weekly newspaper, The Echo and the yearbook, The Oracle. In 1966 two poetry books, an anthology from the Writers' Workshop and a col lection by a student, were printed at the college.

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

Among the remaining groups of primarily student charac ter 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 elect ed officials. Overseeing student activities is the Student Gov ernment, which plays an important and integral part in the life of the college.

#### GENERAL REGULATIONS

Rules concerning student residence, organizations, social ac tivities and intercollegiate athletics are published in the Student Government Handbook (including the Women's Handbook). All students are held responsible for knowledge of these regulations as well as for those in the annual catalogue.

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

## A. Students are expected to attend classes regularly, and are ATTENDANCE 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. Flagrant repetitions may lead to dismissal from the course, without credit.

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

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

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

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

#### AUTOMOBILES

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

#### MARRIED STUDENTS

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

## Honors and Awards

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

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

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

At Recognition Assembly, each spring, the entire college convenes to hear a guest speaker and to bestow awards on students who have earned honors. Among those recognized are: newly elected members of Phi Beta Kappa; Senior Scholars for the ensuing year; Bixler Scholars; winners of college prizes; the recipient of the Condon Medal; newly elected members of Blue Key and Cap and Gown, honor societies for senior men and senior women respectively; and recipients of Phi Beta Kappa certificates, awarded to members of the three lower classes for distinction in scholarship.

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

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

#### COLLEGE PRIZES

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

Awarded in 1966 to Ardith Louise Maney '66

Frederick F. Brewster Honor Scholarship. Established in memory of Frederick F. Brewster, of New Haven, Connecticut. Awarded in 1966 to Richard Whittier Hunnewell '67

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

Awarded in 1966 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 (see page 168).

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

Awarded in 1966 to Judith Arlonne Greer '67

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

Awarded in 1966 to Gerald Roy Zientara '66

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 1966 to DIANE GERTH VAN WYCK '66

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 (see page 168).

Delta Alpha Upsilon Scholarships. Given by sorority to undergraduate women for well-defined educational objectives and outstanding campus leadership.

Awarded in 1966 to Ruth Marlene Seagull '67

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 1966 to Arlene Ellen Marmer '68; Carol Irene Swann '69

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 1966 to Kristen Mary Kreamer '69; John Warren

Kusiak '69

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

Awarded in 1966 to Bruce David Logan '67

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

Awarded in 1966 to Solomon Jean Hartman

Donald P. Lake Award. Given in memory of Donald P. Lake, 1955, to a senior whom the Varsity "C" Club selects for outstanding scholastic achievement, athletic leadership and ability. Awarded in 1966 to Peter Swartz '66

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

Not awarded in 1966

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

Awarded in 1966 to Richard Frank Samson '68

Ninetta M. Runnals Scholarship. (every other year) Awarded by Delta Alpha Upsilon to an undergraduate for scholastic performance, well-defined educational objectives and community participation.

Awarded in 1966 to Nancy Ann Spokes '69

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

Awarded in 1966 to Carl Richard Faust '67

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

Awarded in 1966 to Ruth Marlene Seagull '67

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 1966 to Judith Lystra Wilson '67

Men's Student Association Scholarship. Awarded to a member of the men's division for outstanding citizenship. Awarded in '66 to Richard Peter Heend '67

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 1966 to Stephen David Ford '68

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

> 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 1966 to PHILLIPS KINDY, JR. '66; WILLIAM PARTRIDGE INGHAM '66

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

Awarded in 1966 to E. Arthur Woodbury, Jr. '66

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

Awarded in 1966 to Meg Schwartz '68; Barbara C. Brown '68

#### **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 1966 to RICHARD ALAN AUBE '66

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 1966 to:

In Latin: JEAN ELIZABETH CRAIG '66

Mary Low Carver Prizes for Poetry. Presented in memory of Mary Low Carver, 1875, the first woman graduate of the college, to a woman for an original poem of merit in the English language. Awarded in 1966 to:

> 1st Prize: JEAN ANDERSON REEVE '68 2nd Prize: Jane Elizabeth Morrison '68

Solomon Gallert Short Story Prizes. Given by Mrs. Joseph L. B. Mayer in memory of Solomon Gallert, 1888, for excellence in English prose.

Awarded in 1966 to:

1st Prize: Frederick Rocco Landesman '69 2nd Prize: BETSEY JANE BAKER '69

Elmira Nelson Jones Essay Prize. Awarded in memory of Elmira Nelson Jones, 1897, for an original essay of merit. Awarded in 1966 to Gerald Roy Zientara '66

Poetry Prizes for the Men's Division. Awarded for an original poem of merit.

Awarded in 1966 to:

1st Prize: GERALD ROY ZIENTARA '66 2nd Prize: DANIEL JOSEPH BARNETT '69

HISTORY AND GOVERNMENT

The Paul A. Fullam and Edward Lampert History Prizes, which provide funds for books of the students' choice, are being combined this year and awarded jointly to two seniors whose work in history and government are of such excellent quality that no distinction can be made between them.

Awarded in 1966 to Elaine Howland Fencer '66; Geoffrey PRINCE WILLIAMS '66

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 in-

terest in modern European history, high average in history and government courses, personal integrity, and ability to reason critically and independently.

Awarded in 1966 to CAROLINE KRESKY

Departmental Prize in Government. Presented in recognition of outstanding work in the field of Government.

Awarded in 1966 to DIANE GERTH VAN WYCK '66; PETER NILS GRABOSKY '66

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, and Chandler, in recognition of outstanding work in the field of Political Science.

Awarded in 1966 to Arbith Louise Maney '66

MODERN LANGUAGES French Consulate Book Prizes. Presented by the French Consulate in Boston for excellence in French.

> Awarded in 1966 to Marguerite Mary Malcom '66; Janet ELAINE BROOKS '66; DEBORAH TERRIO '67; MARTHA JEAN LANE '67; LINDA ANN BELAND '68; JEANNE MARIE AMNOTTE '68; VIR-GINIA LEE COATES '69; TERRY ANN SMILEY '69; JEAN ELIZABETH MELUSKY '69; LAURIE ALISON KILLOCH '69

> German Consulate Book Prizes. Presented by the German Consulate in Boston for excellence in German.

> Awarded in 1966 to Christie Jane Higginbottom '66; Gretchen WOLLAM O'CONNOR '66; ROBERTA JEAN TRACY '66

German Prizes awarded for excellence in German.

Awarded in 1966 to (German Linguistics) George Jeffrey MARKLEY '67; OMAR BENHACHEM ALAOUI '68; ROBERTA LEE STOCKWELL '67; JESSIE G. McGUIRE '68; JANE ELIZABETH MASTER '6q

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 1966 to Thomas Heath Hopgood '67; Clemence ANDREE RAVACON '67

Russian Book Prize. For excellence in Russian, awarded by the department of Modern Foreign Languages.

Awarded in 1966 to Theresa Lynn Hill '68

Awarded in 1966 to Pamela Rogers Harris '66

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

> 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 1966 to John Alfred Wheeler '66

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 1966 to RICHARD THATCHER OSBORNE '66

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

Awarded in 1966 to Mary Ruth Gourley '66; Hethie Lois SHORES '68

PHILOSOPHY

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

Awarded in 1966 to William Michael Doll '66; William Part-RIDGE INGHAM '66

PUBLIC SPEAKING AND DRAMATICS

Andrew Blodgett Award. For excellence in dramatics, presented by Powder and Wig Society in memory of Andrew Blodgett, 1962. Awarded in 1966 to Michael Stephen Clivner '66

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 1966 to (1st) Peter Edgar Farnum '67

(2nd) RICHARD STANDISH GILMORE '66 (3rd) WILLIAM HARRY LYONS, JR. '69

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

Awarded in 1966 to (1st) WILLIAM HARRY LYONS, Jr. '69 (2nd) THOMAS BRACKEN BAILEY '69 (3rd) Moses Silverman '69

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

Awarded in 1966 to (1st) Peter Edgar Farnum '67 (2nd) IRA CHARLES COOKE '68 (3rd) Philip LeRoy Merrill '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.

Awarded in 1966 to Philip LeRoy Merrill '68

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

Awarded in 1966 to: (prepared) (1st) John Sears (Cheverus High School), (2nd) DIANE BURKE (Oak Grove School), (3rd) MAX SHAPIRO (Lewiston High School), (extemporaneous) (1st) MAX SHAPIRO (Lewiston High School), (2nd) JOHN SEARS (Cheverus High School), (3rd) DIANE BURKE (Oak Grove School)

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

Awarded in 1966 to PHILIP LEROY MERRILL '68; DAVID HILDRETH GRAY '67

NATURAL SCIENCES 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 1966 to Jean Hoffman Clipsham '66

The Chemical Rubber Company Award in Mathematics. achievement award in freshman mathematics. Not awarded in 1966

The Chemical Rubber Company Prize in Physics. Presented to the student with the highest average in beginning physics. Not awarded in 1966

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

Awarded in 1966 to Barry Mark Arkin '69

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 1966 to Nancy Lee Johnson '66; Thomas Atwood EASTON '66: LAWRENCE HERBERT PIKE '66

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 1966 to Peter Densen '66

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 1966 to Nancy Jane Wilcox '67

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.

Not awarded in 1966

Departmental Prizes in Science. Awarded by each department to a sophomore, junior and senior, for academic distinction. Awarded in 1966:

Biology:

ROBERTA LEE STOCKWELL '67 Susan Marie Monk '67

Chemistry:

JEAN HOFFMAN CLIPSHAM '66 PHYLLIS ELAINE HOAR '67

RICHARD DANIEL LIBBY '68

Geology:

PHILIP ALSON SMITH '66

JUDITH ARLONNE GREER '67 DIANNE LOUISE RADUNE '68

Physics:

PHILIP ANDREW WILEY '66

SOCIAL SCIENCES 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 1966 to Ardith Louise Maney '66

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.

Albion Woodbury Small Prizes. Given by the late Mrs. Lina

Awarded in 1966 to Elizabeth Ann Frey '67

ATHLETICS J. Scelye 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 1966 to Bruce Walter Barker '66

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

Awarded in 1966 to Robert C. Garrett '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.

Awarded in 1966 to Stephen J. King '68

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 1966 to Peter Swartz '66

Gilbert F. Loebs Award. Presented to the most valuable player on the varsity soccer team.

Awarded in 1966 to J. Frederick Eagle '66

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 1966 to Michael Self '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 1966 to Salvatore V. Manforte '66

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

Awarded in 1966 to Alexander W. Palmer '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 1966 to WILLIAM J. LOVEDAY '67

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 1966 to George L. Tillinghast '68

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 1966 to J. Frederick Eagle '66

# 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 33 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.

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

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

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

Administration offices are housed in the Eustis building.

The Bixler Art and Music Center has classrooms, studios, departmental libraries, auditorium, rehearsal hall, and practice and listening rooms. The college's permanent collection of paintings, sculpture and other art, and travelling exhibitions, are regularly shown in the 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.

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

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

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

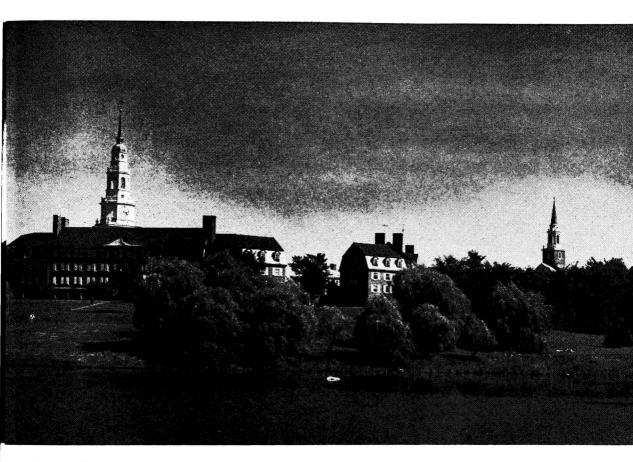
The Little Theatre serves as a dramatics workshop and theatre-in-the-round.

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

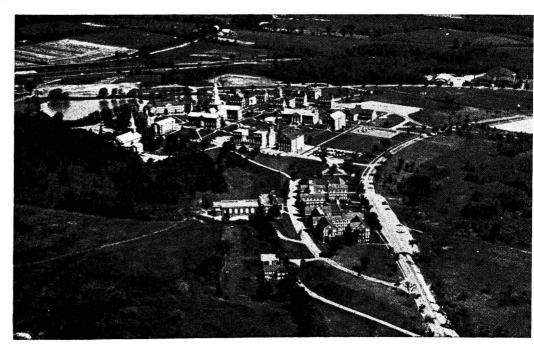
The Herbert E. Wadsworth Field House, seating 2,400, contains facilities for men's physical education. It has one of the largest basketball floors in northern New England. Currently an addition to the gymnasium is under construction.

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

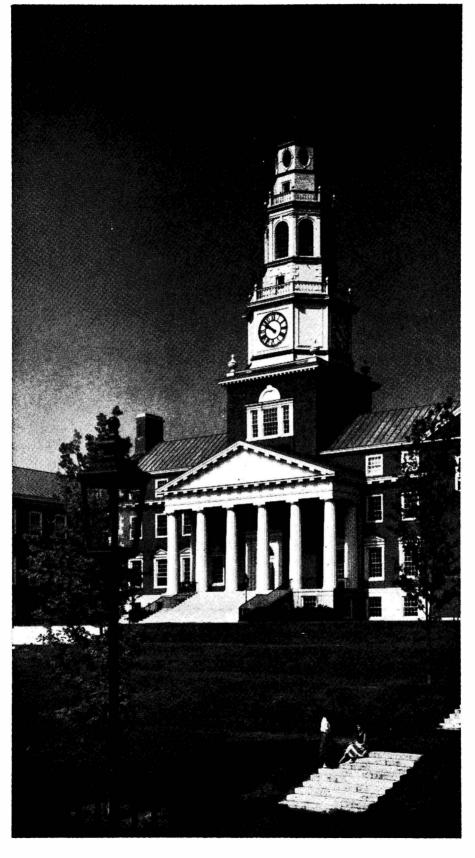
Athletic areas include two football fields, two baseball diamonds, a soccer field, fourteen tennis courts, and playing fields for field hockey, archery and informal games. A ski area with lighted slope, jump, T-bar tow lodge, and snowmaking equipment is maintained about three miles from the campus. Johnson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

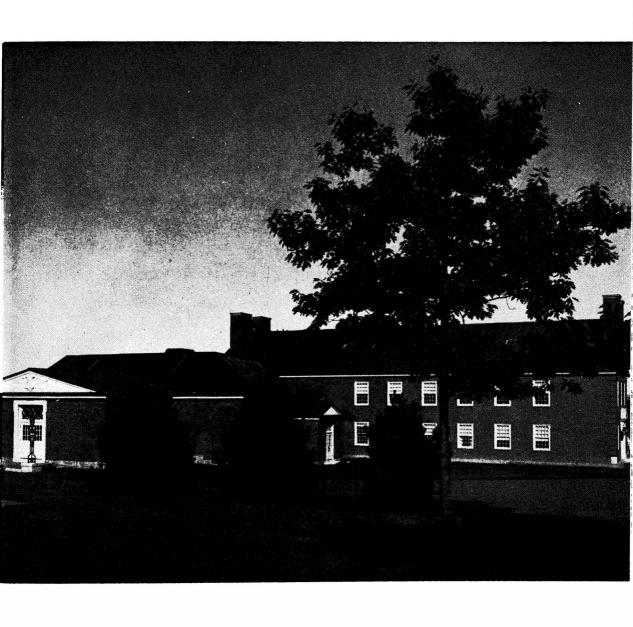


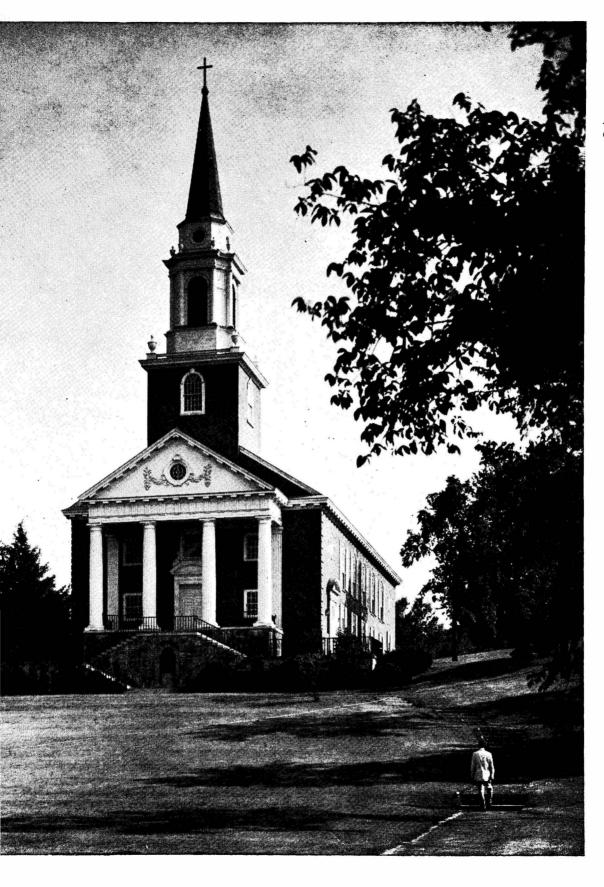
1cross Johnson Pond



Aerial view of Mayflower Hill







Lorimer Chapel

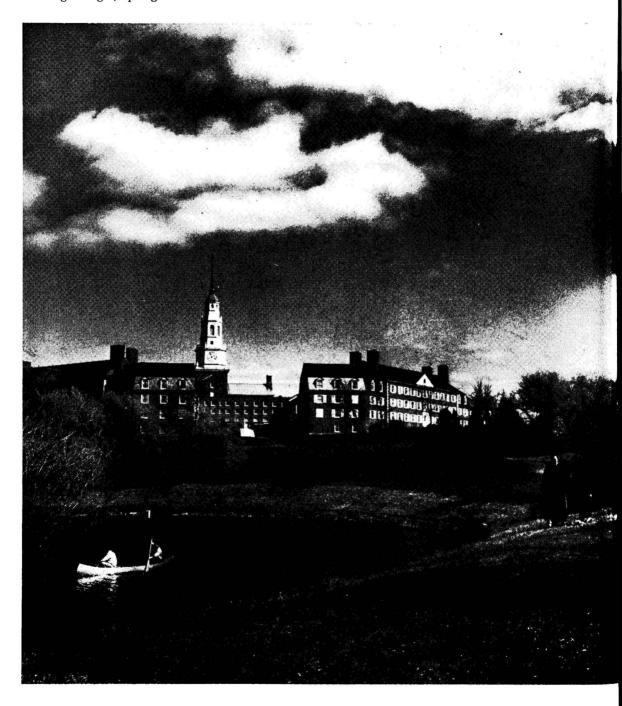




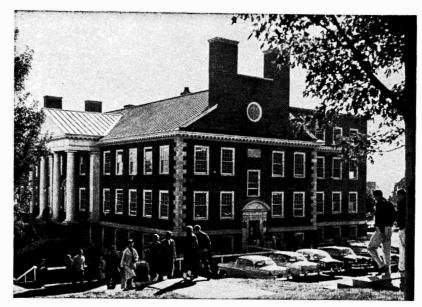
Gateway to Montague Sculpture Court

Mary Low Hall

The beginning of spring



een classes e Lovejoy ling



The Jetté Gallery in the Bixler Center



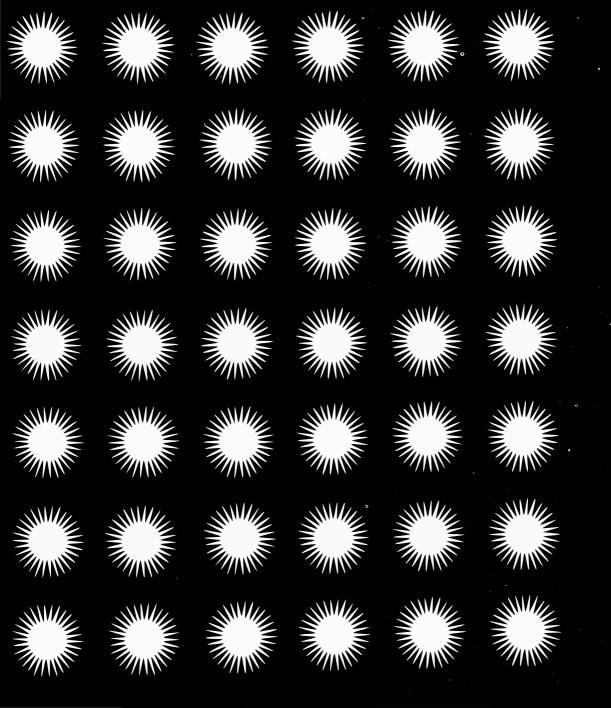
y Community phony Orchestra





Afternoon in winter

# Divisions, Departments, and Courses of Study



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# Divisions, Departments, and Courses of Study

DIVISION OF HUMANITIES

The courses are offered within five divisions as follows:

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

DIVISION OF SOCIAL SCIENCES

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

DIVISION OF NATURAL **SCIENCES** 

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

DIVISION OF

Courses in Aerospace Studies.

AEROSPACE STUDIES

Courses in *Physical Education*.

DIVISION OF PHYSICAL EDUCATION AND **ATHLETICS** 

> In the departmental statements below, members of the active faculty for the academic year 1965-66 are listed.

## Division of Humanities

Chairman, PROFESSOR SUSS

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 125 or three years of Greek.

Requirements for the major in classics-philosophy In classics: either three years of Latin above the level of 125 or three years of Greek, subject to departmental approval. In philosophy: Philosophy 112 or 211, 212; 331, 332; 491 of

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

ART

#### Chairman, PROFESSOR CARPENTER

Professor Carpenter; Associate Professor Miller; Assistant Pro fessor Meader and Mr. Kaplan2.

Requirements for the major in art

492; and one further semester course.

Art 121, 122, 211, 411; at least two semester courses chosen from 252 (or 271), 311, 312, 314, 318, 319; 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

Acting Chairman, PROFESSOR WESTERVELT

Assistant Professors Westervelt and Dorothy Koonce; Miss Prowse<sup>2</sup> and Mrs. Harriet Blake<sup>4</sup>.

Requirements for the major in classics

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

Requirements for the major in Greek

Four years of Greek and Ancient History 261, 262. Ancient History 351 and 352 may be substituted for a year of language.

Requirements for the major in Latin

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

<sup>&</sup>lt;sup>1</sup> On leave second semester, 1965-66

<sup>&</sup>lt;sup>2</sup> Second semester, 1965-66

<sup>&</sup>lt;sup>3</sup> First semester, 1965-66.

<sup>&#</sup>x27;Part-time second semester, 1965-66.

The point scale for the retention of each of these majors applies to all courses which may be credited toward the major. Attention is called to the combined majors classics-English

(page 67) and classics-philosophy (page 68).

#### **NGLISH**

#### Chairman, PROFESSOR CHAPMAN

Professors Chapman, Strider, A. Comparetti, Benbow and Cary'; Associate Professors Sutherland, MacKay and Suss; Visiting Lecturer Craig; Assistant Professors Witham, Curran, Wees, and Mathews; Mr. Koonce, Mr. Brancaccio, Mrs. Savage, Mr. Mizner, Mr. Sklute, and Mrs. Pestana.

Requirements for the major in Literature in English English 211, 212 or 214; English 421-422; and six semester courses numbered 300 or above, one of which must be in English literature before 1800, one in literature after 1800. In addition each student must elect two semesters in history; or history of philosophy, music, or art; or literature in a foreign language. English 374, 378, 381, and 382 do not count toward

Attention is invited to the combined classics-English major (see page 67).

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

#### ODERN FOREIGN LANGUAGES

#### Chairman, PROFESSOR BUNDY

fulfillment of this requirement.

Professors Kellenberger and Bundy; Associate Professors G. Smith, P. Bither, Biron, Holland, Schmidt, and Kempers; Visiting Lecturer Ortega; Assistant Professors Cauz, Cox2, Judah, and Kueter; Mr. Tsurikov, Miss Allen, Miss Wade, Mr. Lamson, Mrs. Bundy<sup>8</sup>.

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 (see page 32).

Note: In addition to the following major programs, the department also offers instruction in Portuguese and Italian liter-

<sup>&</sup>lt;sup>1</sup> On leave, 1965-66.

<sup>&#</sup>x27;First semester, 1965-66.

<sup>&</sup>lt;sup>3</sup> Part-time second semester, 1965-66.

ature (in translation). Work can be done in some of the "exotic" 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), 343, 344, 345, 346, 347, 348; or equivalent. German 491, 492 may be substituted for one 300-level course.

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: Government 333; History 341, 342.

Requirements for the major in Spanish

Spanish 141, 142, 257, 258, 321, 322, 351, 352, 355, 356; or equivalent. Spanish 491, 492 may be substituted for one 300level course. A student desiring certification for teaching Spanish must take French 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; Miss Heinrich.

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, ASSISTANT PROFESSOR GEIB

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

Requirements for the major in American civilization Six semester courses in American history; two semester courses in American government and politics; either Philosophy 351 or Religion 313; 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.

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

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

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

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

#### JSINESS ADMINISTRATION

Chairman, PROFESSOR W. ZUKOWSKI1

Professors Williams and W. Zukowski; Assistant Professors Knight and Gemery; Mr. Welsh.

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.

<sup>&</sup>lt;sup>1</sup> On leave, 1965-66.

#### **ECONOMICS**

#### Chairman, PROFESSOR PULLEN

Professors Breckenridge and Pullen; Assistant Professor Brown, Mr. D. Cox.

Requirements for the major in economics

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

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

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

#### **EDUCATION AND PSYCHOLOGY**

#### Chairman, ASSOCIATE PROFESSOR GILLESPIE

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

#### EDUCATION

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

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

#### **PSYCHOLOGY**

Requirements for the major in Psychology Students majoring in psychology will typically offer the following courses or their equivalent: (a) Mathematics 111, 112 and Biology 111 and 114 or 121, 122; (b) A core program in psychology, consisting of Psychology 241, 242, 342, 381, 382, and 451; (c) Two additional semester courses, approved by the department, in 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.

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<sup>1</sup>

Professors Mavrinac and Gillum; Associate Professors H. Raymond and Weissberg; Assistant Professors Berschneider and Bridgman; Mr. Elison, 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, an inter-departmental program (see page 71).

Requirements for the major in government For students in the class of 1969 and subsequent classes: ten

semester courses in government. For students in earlier classes: as stated in the CATALOGUE of May, 1964. 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. For students of earlier classes, as stated in the CATALOGUE of May, 1964. 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 and to such other courses as are required by the major.

#### PHILOSOPHY AND RELIGION

#### Chairman, PROFESSOR CLARK

Professor Clark; Associate Professors Reuman¹ and Todrank; Assistant Professors Y. Hudson and F. Hudson; Mr. Peters and Mr. Thorwaldsen.

Requirements for the major in philosophy

Philosophy 112 (unless waived by permission of the department); 211, 212, 315, 331, 332, 353 and three additional

<sup>&</sup>lt;sup>1</sup> On leave, 1965-66.

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, 213, 214, 311 and 491 or 492; Religion 315 or Philosophy 372; Philosophy 211, 331, 332 and 354.

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

Combined majors are offered in philosophy-mathematics (page 71) and in classics-philosophy (page 68).

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

#### SOCIOLOGY

#### Chairman, PROFESSOR BIRGE

Professor Birge; Assistant Professors Geib, Rosenthal, and Doel; Mrs. Sklute.

Requirements for the major in sociology Sociology 221, 222, and eight additional semester courses in sociology, including Sociology 311, 312 or 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.

<sup>&</sup>lt;sup>1</sup> On leave, 1965-66.

### Division of Natural Sciences

Chairman, PROFESSOR COMBELLACK

The division offers combined majors in geology-biology and geology-chemistry. 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. Hickox 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 321, 322; Geology 311, 312.

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.

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.

#### Chairman, PROFESSOR SCOTT

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

Requirements for the major in biology

BIOLOGY

<sup>1</sup> On leave first semester, 1965-66.

Mathematics through 112d; Chemistry 141, 142; four years o biology including 111, 114, 271, 272 and one additional year o science. Biology 111, 114, 271 and 272 constitute a core pro gram, and are normally prerequisite to all other biolog. courses. With special permission of the department a studen 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 aspect of biology. Students preparing for graduate study in the bio logical 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 75).

#### CHEMISTRY

#### Chairman, PROFESSOR REID

Professor Reid; Associate Professors Ray and Machemer; Mr. Maier.

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 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.

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.

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

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

French or Russian, and a second course in physics are highly recommended.

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

Requirements for the basic major in chemistry:

Chemistry 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 suiting the needs of the student should be selected in consultation with the chairman of the chemistry department.

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

Attention is called to the combined geology-chemistry major (page 75).

\*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.

#### Chairman, PROFESSOR KOONS

Professor Koons; Associate Professor Hickox; Assistant Professor Pestana.

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.

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

EOLOGY

physics and biology, and, frequently, additional mathematics; and that candidates for the doctorate must demonstrate a reading knowledge of at least two foreign languages.

Attention is also called to the combined geology-chemistry and geology-biology majors (see page 75).

#### MATHEMATICS

#### Chairman, PROFESSOR COMBELLACK

Professor Combellack; Visiting Professor Barr; Associate Professor Lucille Zukowski1; Assistant Professors Hayslett and Junghans; Mr. Luthar and Mr. Whelan.

Requirements for the major in mathematics Mathematics 112d, 211d, 212d, 311d; 312 or 381; 361, 362, 421, 422, 423, 424.

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

Attention is invited to the combined major in philosophymathematics (see page 68).

#### PHYSICS AND ASTRONOMY

#### Chairman, PROFESSOR BANCROFT

Professors Bancroft and Fairley; Associate Professor Dudley; Assistant Professor Otto.

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

Requirements for the major in physics

Physics 141, 142 and two semester courses in mathematics should be taken in the freshman year. Chemistry 141, 142, Mathematics 211d, 212d and physics 211, 212 should be completed by the end of the sophomore year. Completion of a major also requires completion of mathematics 311d, 312 and four additional courses in physics, including 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. <sup>1</sup> On leave, 1965-66,

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

## Division of Aerospace Studies

Chairman, ASSOCIATE PROFESSOR BROOKS1

Associate Professor Brooks (MAJOR); Assistant Professors Mills (MAJOR) and Woodard (CAPTAIN).

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 four-year program requires the student to pursue the General Military Course of Aerospace Studies during his freshman and sophomore years. Students in the General Military Course meet for two hours each week for combined classroom and corps training activities. During his sophomore year a cadet desiring to continue in the program must pass the Air Force Officer Qualifying Test. This test measures the cadet's aptitude and attitude for pilot, navigator, and other technical training and his potential as an officer. Qualified students then enroll in the Professional Officer Course for their junior and senior years. The Professional Officer Course meets for three classroom hours each week. Cadets are required to devote an additional hour each week to corps training activities.

Students may qualify for the two-year Professional Officer Course by completing the Officer Qualifying Test and attending a six-week summer field training course at an Air Force Base in the summer between the sophomore and junior year.

<sup>&</sup>lt;sup>1</sup> Designated Professor of Aerospace Studies.

## Division of Physical Education and Athletics

Chairman, ASSOCIATE PROFESSOR WINKIN

Associate Professors Winkin, L. Williams<sup>1</sup>, and Mrs. M. Bither; Assistant Professors Simpson, Holt, Ullom, K. Weinbel, and Dunklee; Miss McFerren, Mrs. M. Weinbel, and Mr. Burke.

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

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

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

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

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

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.

<sup>1</sup> On leave, 1965-66

PHYSICAL EDUCATION FOR MEN

#### PHYSICAL EDUCATION FOR WOMEN

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

The department cooperates with the Women's Athletic Association in carrying on activities and tournaments throughout the year. There is a limited extramural program in some areas sponsored by this group, viz: intercollegiate skiing and field days and clinics involving other colleges. The Modern Dance Club provides opportunity for those interested in dance. Swimming instruction and a Red Cross Water Safety Instructors' course are given at the Boys' Club pool (at the Colby pool beginning in 1967). 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 for credit in Women's Athletic Association.

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

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

#### INTERCOLLEGIATE ATHLETICS FOR MEN

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 College 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.

## Adult Education and Extension

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

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

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

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

# Courses of Study

KEY TO SYMBOLS AND METHOD OF COURSE DESIGNATION

Each course is known by a title and also, for convenience of reference and ease in record-keeping, by subject and number: 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,

100 - 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 onesemester 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 1966-67.
- \* An asterisk indicates that the course will probably not be offered in 1967-68.
- † A dagger indicates that the course will probably be offered in 1967-68.

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

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

# Aerospace Studies

#### AEROSPACE STUDIES 2242

For successful completion of the first two years of the General Military Course (See page 44), including participation in Leadership Laboratory and required scholastic activities, a student may receive credit for one semester-course. If this credit is applied toward graduation, payment must be made on the established, per course, basis.

#### AEROSPACE STUDIES

321, 322

Aerospace Studies 321, 322, Growth and Development of Aerospace Power, is a survey course about the nature of war; development of airpower in the United States; mission and organization of the Defense Department; air force concepts, doctrine, and employment; astronautics and space operations; and the future development of aerospace power. Includes the United States space programs, vehicles, systems, and problems in space exploration.

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

#### AEROSPACE STUDIES 421, 422

Aerospace Studies 421, 422, The Professional Officer. A study of professionalism, leadership, and management. Includes the meaning of professionalism, professional responsibilities, the military justice system, leadership theory, functions, and practices, management principles and functions, problem solving, and management tools, practices and controls.

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

## 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: A survey of the social and political history of Greece from the Minoan and Mycenaean civilizations through the reign of Alexander; second semester: A survey of Roman history from the early Italian civilizations to the Roman Empire.

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

NORTHERN EUROPE

*352 PROBLEMS IN GREEK HISTORY MRS. KOONCE	An analysis of the crisis in Athenian domestic and foreign policy in the fourth century through the examination of liter ary and epigraphic sources. No knowledge of Greek is required Prerequisite: Ancient History 261.	
	Art	
121, 122 Introduction to Art STAFF	In the first semester, an analytical approach to the visual arts and the historical development of European art through the Middle Ages. In the second semester, the history of art from the Renaissance to the present.	
211 INTRODUCTION TO DESIGN MR. MEADER	Principles of visual design will be presented, discussed and put to work in basic visual problems.  Prerequisite: General aptitude and interest.  A background in drawing is not assumed.	
232 INTRODUCTION TO DRAWING AND PAINTING MR. MEADER	A working opportunity in the creative aspect of the visual arts. The student will explore graphic media and paints while learning basic representational and expressive means. Prior drawing experience will be helpful.	
252 Architecture Mr. Miller	A survey of architectural styles with emphasis on modern developments. Work in the course includes problems in architectural design and the making of models of historical buildings.	
271 American Art mr. miller	A survey of architecture, sculpture and painting from colonial times to the present. Lectures and problems make use of the original material in the Colby collections.	
†[311] Art of the Renaissance in	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

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

graphic arts (woodcuts and engravings) in Germany.

*312 Art of the Renaissance n Italy Mr. Miller	The art of the fifteenth and sixteenth centuries in Italy, with emphasis on the major painters and sculptors.  Prerequisite: Art 121, 122 or permission of the instructor.	
·[314] VENETIAN AND BAROQUE ART	The art of the sixteenth to eighteenth centuries, with emphasis on the major painters.  Prerequisite: Art 121, 122 or permission of the instructor.	
;18 European Art Since 1800 4r. carpenter	In this course special attention is given to French painting of the nineteenth and twentieth centuries. Prerequisite: Art 121, 122 or permission of the instructor.	
31d TUDIO WORK: PAINTING 4R. MEADER	This course will explore oil paints and other media as vehicles for fully formed original expressions. Offered each semester.  Prerequisite: Art 211, 232 and permission of the instructor.	
35d TUDIO WORK: CULPTURE NSTRUCTOR	A course designed to give the student an opportunity to explore various media with emphasis on development of technical skills and expression.  Prerequisite: Art 211, 232 and permission of the instructor.	
51 THE ART OF DRAWING — PRACTICE, HISTORY ND CRITICISM IR. CARPENTER, MR. MEADER	An advanced drawing course with two weekly meetings for drawing and one for lecture-discussion.  Prerequisite: Art 232.	
71d dvanced Studio Work: 'ainting ir. meader	Offered each semester.  Prerequisite: Art 331d and permission of the instructor.	
75d  DVANCED STUDIO  VORK: SCULPTURE  STRUCTOR	A continuation of Art 335d.  Prerequisite: Art 335d and permission of the instructor.	

411 SEMINAR IN ART CRITICISM MR. CARPENTER

Primarily for seniors majoring in the department. Practice it employing critical method, reading, and discussions of various approaches to art criticism are directed toward study of the present state of knowledge in this field.

## Astronomy

IN THE DEPARTMENT OF PHYSICS AND ASTRONOMY

101, 102 DESCRIPTIVE ASTRONOMY I MR. FAIRLEY AND STAFF

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

Prerequisite: permission of instructor.

103, 104 DESCRIPTIVE ASTRONOMY II 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.

CELESTIAL MECHANICS AND NAVIGATION

\*212

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

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

## Biology

111 ENVIRONMENTAL BIOLOGY AND INHERITANCE STAFF

Part I: A survey of major world eco-systems; energy, food and cycling of minerals; populations. Part II: A study of 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.

112 THE ORGANISM TAFF	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.
VERTEBRATE BIOLOGY: DEVELOPMENT, ANATOMY, AND ORGAN PHYSIOLOGY	A study of the embryological origin and functional aspects of modern mammalian body structure.  Prerequisite: Biology 111 or equivalent.
?71 INVERTEBRATE AND PLANT BIOLOGY TAFF	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.  Prerequsite: 111 or equivalent.
≥72 Cell Biology staff	A study of 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).
311 Field and Systematic Botany <sup>1</sup> Mr. davis	A study of plant evolution, ecology and an investigation of the Maine flora. Students are required to make a plant collection. One weekend field trip is scheduled.
312 Genetics <sup>1</sup> Mr. scott	A study of mendelian principles and their physical basis; of linkage, mutation and the nature of the gene. The genetic mechanisms in evolution are a primary concern of the course.
[313] INVERTEBRATE ZOOLOGY <sup>1</sup>	A study of 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.

314 PLANT METABOLISM, GROWTH AND BEHAVIOR <sup>1</sup> MR. QUILLIN	The essential mechanisms of plant growth and development; photosynthesis, trans-location, and enzymology will be studied. Completion of an in-class research project will be required of each student.	
315 Physiology <sup>1</sup> mr. terry	An introduction to the physiological processes, including erzyme action, respiration, permeability, muscular contraction nervous and hormonal coordination.	
316 ECOLOGY¹ MR. DAVIS	A study of the relationship of the organism to its environment. The development, structure, function and distribution of populations and communities are studied in lecture, laboratory and field. Physical and chemical characteristics of the habitats are measured. A weekend field trip is included.	
317 HISTOLOGY AND HISTOLOGICAL TECHNIQUE <sup>1</sup> MR. QUILLIN	A study of normal cells and tissues of vertebrates, and their arrangement into organs in the body, with practice in basic techniques of preparing tissues for microscopic observation.	
318 MICROBIOLOGY <sup>1</sup> MR. TERRY	The biology of yeast, molds and bacteria. The aims of the course are (1) to develop general knowledge in this area and (2) to give technical training to those who will become laboratory technicians or research workers.	
†[331] EMBRYOLOGY <sup>1</sup> MR. SCOTT	A study of animal development with emphasis on experimental analysis.	
†[332] Chordate Evolution <sup>1</sup> MR. EASTON	A study of the 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.	
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.  All courses at the 300-level have as prerequisite: Biology 272 or permission of the department.	

	Business Administration
21e, 222 'RINCIPLES OF ACCOUNTING IRS. 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.
21, 322 INANCE IR. ZUKOWSKI	A basic course in business finance emphasizing the financial problems of the viable business concern. Principles of short-term finance are studied during the first semester; problems of long-range financial policy are stressed during the second.  Prerequisites: Business Administration 221, 222 and Economics 241, 242 or special permission.
41, 342 LOVANCED ACCOUNTING IR. ZUKOWSKI ND MRS. KNIGHT	Advanced study of accounting with stress on analytical, interpretative, and managerial aspects of the subject. Concepts relating to major current accounting questions are examined.  Prerequisite: Business Administration 221, 222.
43, 344  AARKETING IR. GEMERY	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.
53 Anagerial Conomics 1r. zukowski	The business decision-making process examined in an economic context.  Prerequisites: Business Administration 221, 222 and Economics 241, 242 or special permission.
54 Susiness Law 1R. GEMERY	A study of those processes of law which underlie business relationships.
III INANCIAL PROBLEMS OF THE CONSUMER ORS. KNIGHT	An examination of the principles underlying the financial problems of the individual. Relevant instruments of finance are reviewed in their institutional framework.

412 Investments MR. WILLIAMS	The nature of investments with emphasis on the investment use of securities issued by both public authorities and private corporations.  Prerequisites: Business Administration 221, 222, 321, 322.
413 Organizational Behavior mr. gemery	An examination of the existing empirical data and theoretical concepts dealing with the behavior of people in the business organization.
414 Business Policy mr. zukowski	A terminal course which builds upon and integrates the core material studied by all business administration majors.  Prerequisites: Business Administration 221, 222, 321, 322 and two additional semester courses in business administration of from the approved group (See page 36).

## Chemistry

141e, 142 GENERAL CHEMISTRY AND ELEMENTARY QUANTITATIVE ANALYSIS MR. MACHEMER

The course deals with certain selected fundamental principles of inorganic chemistry. The first term covers stoichiometry and ionic equilibria, and the laboratory affords practice in introductory quantitative analysis. Atomic and molecular structure are studied in the second term, with the laboratory devoted chiefly to systematic semimicro qualitative analysis. Three hours of lecture, one hour of discussion, and three hours of laboratory per week.

2416, 242 ORGANIC CHEMISTRY MR. REID

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

Prerequisite: Chemistry 142.

[312] CHEMICAL PRINCIPLES

Elements of physical chemistry especially planned for premedical students. Laboratory emphasis on quantitative physicochemical experiments. May not be taken for credit in addition to Chemistry 341, 342.

Prerequisite: Chemistry 142; Physics 142.

331 QUANTITATIVE ANALYSIS MR. RAY	A theoretical and practical course in 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.
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, potentimetric, 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).
341, 342 Physical Chemistry 1r. ray	A study of 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.
11 NORGANIC CHEMISTRY <sup>1</sup> IR. MACHEMER	Modern theories and concepts of atomic and molecular structure. Three hours of lecture per week.  Prerequisite: Chemistry 342.
31 Qualitative Organic Nalysis (r. maier	The systematic identification of organic compounds. Two hours of lecture, six hours of laboratory per week.  Prerequisite: Chemistry 322; Chemistry 342.
52 dvanced Organic Hemistry¹ r. reid	The chemistry of alicyclic and heterocyclic compounds is considered from the point of view of mechanism of reaction, and includes synthesis, structural determination of natural products and molecular rearrangements. Two hours of lecture per week.

467, 468 Biochemistry¹ mr. maier	A study of the chemical components of living matter and of the major processes of cellular metabolism, including the fundamental chemical characteristics of biological compound and enzymatic reactions. Three hours of lecture, five how of laboratory per week.
472 Advanced Physical Chemistry <sup>1</sup> MR. RAY	Important topics in physical chemistry are discussed from rigorous point of view. The material can be varied to suit th needs of the student, and may include extended treatment c surface chemistry, chemical kinetics, thermodynamics, etc. Tw hours of lecture per week.
491, 492 Special Topics <sup>1</sup> Staff	Laboratory work of a special (semi-research) nature may be arranged with the instructor. Six hours per week.  All 400-level courses have, as prerequisite, Chemistry 342 or permission of the department.

# 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.

CLASSICS 231
GREEK POETRY
MR. WESTERVELT

The Iliad and the Odyssey with selected readings from the Greek elegiac and choral poets, particularly Pindar.

This course is open to freshmen with permission of the in structor.

CLASSICS 232 GREEK DRAMA MR. WESTERVELT Greek tragedy and comedy with particular emphasis on the Oresteia of Aeschylus, the Oedipus of Sophocles and the Hip. polytus of Euripides.

## Comparative Literature

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

**†**[221, 222] THE ART OF THEATER A study of dramatic expression from the classical theater of Greece through the theater of the 20th century. Works representative of the great ages of theater in various countries are considered (in English), and the problems of different dramatic genres may be explored.

A study of the novel as a literary genre, tracing its develop-

\*321, 322 FORMS OF THE NOVEL

ment from early forms through works of the 20th century. Representative major works of various countries will be studied (in English), with emphasis placed on the form itself or on social or philosophical themes. For 1966-67 the readings will include: Cervantes, Don Quixote; Fielding, Tom Jones; Stendhal, The Red and the Black; Dickens, Bleak House; Flaubert, Madame Bovary; Tolstoy, Anna Karenina; Dostoevsky, The Brothers Karamazov; Proust, Swann's Way; Joyce, Ulysses; Mann, Buddenbrooks; Faulkner, Light in August.

MR. BUNDY AND STAFF

## **Economics**

241e, 242 PRINCIPLES OF ECONOMICS STAFF

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

Course 241 is prerequisite for 242.

321, †[322] **ECONOMICS OF GOVERNMENT**  A study of the role of government in economic life, with emphasis upon the regulation of competition and monopoly. Prerequisite: Economics 241, 242. Course 321 is prerequisite

for 322.

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

Prerequisite: Economics 241, 242.

**THEORY** MR. COX

REGULATION

MR. BRECKENRIDGE

INTERNATIONAL ECONOMICS

MR. BROWN

*334	The underdeveloped areas and their drive toward economic
ECONOMIC DEVELOPMENT INSTRUCTOR	betterment. Analysis of the techniques involved and the problems to be encountered in the growth process.  Prerequisite: Economics 241, 242.
A study of aggregate economic analysis, with emph the Keynesian theory of the determination of income ployment. Examination of recent post-Keynesian deve Historical development of the theory and policies with it are studied and analyzed critically.  Prerequisite: Economics 241, 242.	
†[341], 342 Money and Banking mr. pullen	A study of the role of money, credit and banking in the American economy, and the applicability of monetary policy to the problems of economic stability.  Prerequisite: Economics 241, 242.
†[352] TAXATION AND FISCAL POLICY MR. BRECKENRIDGE	A study of the American tax structure — federal, state and local — and of the economic effects of various types of taxes and of government fiscal policy.  Prerequisite: Economics 241, 242.
†[361], 362 LABOR ECONOMICS MR. PULLEN	An analysis of labor legislation and the economic aspects of some major problems of labor with emphasis on wages and employment.  Prerequisite: Economics 241, 242.
371 Major Economists, 1750-1900 Mr. breckenridge	An examination and appraisal of the contributions of the major economists from Adam Smith to Alfred Marshall to the development of economic thought. Extensive use of source material.  Prerequisite: Economics 241, 242.
381, 382	A study of international trade theory, the balance of payments,

um and adjustment.

commercial policy, and problems of international disequilibri-

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

*391 Comparative Ec	CONOMI

YSTEMS

[13, 414 SPECIAL TOPICS

TAFF

**N** ECONOMICS

NSTRUCTOR

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

Pranaguicite: Economics 241, 242

Prerequisite: Economics 241, 242.

Independent study devoted to a topic chosen by the student with the approval of a member of the department who agrees to serve as the student's adviser for the course.

Open only to senior majors in economics. May be elected

Open only to senior majors in economics. May be elected for either semester, or for the full year.

# Education

IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

3

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.

MR. Y. HUDSON

PHILOSOPHY OF EDUCATION

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

American Education mr. smith

INTRODUCTION TO

314

413

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

May not be taken for credit in addition to Psychology 314.

HUMAN GROWTH AND DEVELOPMENT MR. SMITH

The learner, the learning situation and the learning process

are the three major topics to be discussed in this course.

Prerequisite: Education 413.

414 Educational Psychology Mr. smith

431
Education Practicum
MR. SMITH

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

Prerequisites: An average of B or better in the student' major and permission of the instructor prior to registration.

Note: The practicum does not extend to art or music be cause, in these areas, states require approved courses in *specia* education for certification. Colby does not offer such courses.

## English

121e, 122 English Composition MR. MIZNER AND STAFF

131d

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

GENERAL SPEECH MR. WITHAM AND STAFF A general course in fundamental principles of the composition and oral delivery of speeches.

Introduction to Literature in English
MR. CHAPMAN AND STAFF

A general introduction to literature in the English language (Medieval through Renaissance) through a study of selected English authors.

Prerequisite: English 121

Prerequisite: English 121.

212 Introduction to Literature

MR. CHAPMAN AND STAFF

IN ENGLISH

A general introduction to literature in the English language (eighteenth to twentieth centuries) through a study of selected English authors.

Prerequisite: English 211.

Introduction to Literature in English mr. chapman and staff A general introduction to literature in the English language (eighteenth to twentieth centuries) through a study of selected American authors.

Prerequisite: English 211.

253

311

MR. WITHAM

MR. MACKAY

ARGUMENTATION AND DEBATE

Anglo-Saxon Literature:

MEDIEVAL LITERATURE I

	Prerequisite: English 212, or 214.
†[312] MEDIEVAL LITERATURE II MR. MACKAY	An intensive study of Troilus and Criseyde and the Book of the Duchess, and selections from the Parliament of Fowls, House of Fame, and Boece.  Prerequisite: English 311 or permission of the instructor.
†[314] THE ENGLISH RENAISSANCE	A study of 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.
*316 Spenser MR. BENBOW	An intensive study of the poetry of Edmund Spenser. Attention will be focused upon <i>The Faerie Queene</i> and the problem of Renaissance epic.  Prerequisite: English 212, or 214.
321, 322 SEVENTEENTH CENTURY LITERATURE MR. KOONCE	A study of the intellectual ferment of the seventeenth century as it is presented in selected works of the major writers, exclusive of Shakespeare and Milton. In the first semester, Bacon, Jonson, the metaphysical poetry and prose of Donne and Browne, Jacobean tragedy. In the second semester, later metaphysical poetry, the comedy of manners, the development of prose, and the rise of criticism and satire through such authors as Herbert, Marvell, Butler, Bunyan, Rochester, Etherege, and Dryden. The first semester is a prerequisite for the second unless waived by instructor.  Prerequisite: English 212, or 214.

A study of the principles of argumentation with application

Prerequisite: English 131 or permission of the instructor.

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.

in extended persuasive speeches and formal debate.

†[323, 324] English Drama to the Mid-Nineteenth Century	Plays and dramatic instances from Medieval times to the begin ning of realism, viewed in terms of literary values and theatrica techniques. The emphasis will be on the drama of the Renais sance, the late Seventeenth century, and melodrama. 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.
331 MILTON MRS. COMPARETTI	A study of Milton's poetry and prose.  Prerequisite: English 212, or 214.
333 THE AGE OF POPE MR. SUTHERLAND	A study of selected works by Defoe, Addison, Gay, Swift, Pope Fielding, and other major English writers of the first half of the Eighteenth century.  Prerequisite: English 212, or 214.
†[334] From Johnson Through Blake	A study of selected works by Johnson, Boswell, Sterne, Gray, Smart, Blake, and other major English writers of the period from 1750 to 1798.  Prerequisite: English 212, or 214.
335 WORDSWORTH AND HIS CONTEMPORARIES MR. CHAPMAN	A study of selected writings of Wordsworth, Coleridge, Lamb, and Hazlitt. Emphasis will be mainly on romantic poetry and criticism.  Prerequisite: English 212, or 214.
336 Byron, Shelley, and Keats MR. CHAPMAN	A study of the development and chief works of Byron, Shelley, and Keats.  Prerequisite: English 212, or 214.
337 VICTORIAN LITERATURE: ART AND SOCIETY MISS CURRAN	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. The class will read works by Tennyson,

and others.

Prerequisite: English 212, or 214.

Browning, Arnold, the Pre-Raphelites, Ruskin, Pater, Hopkins,

338 VICTORIAN LITERATURE: THE COMIC SPIRIT MISS CURRAN	A study of the Victorian comic tradition, emphasizing the nature of comedy and the conditions which produced it. The class will read works by Carlyle, the early <i>Punch</i> writers, Thackeray, Dickens, the nonsense writers, Meredith, Wilde, and Shaw.  *Prerequisite: English 212, or 214.
* 341, 342 MODERN DRAMA AR. SUSS	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.
51 Early American Authors ur. brancaccio	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.
;52 CEALISM AND NATURALISM N AMERICAN FICTION 4R. BRANCACCIO	A study of 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.  Prerequisite: English 212, or 214.
i53 Γwentieth Century <sup>3</sup> Oetry 4r. wees	A study of the major poetry of Yeats, Pound, Eliot, Thomas, and others with emphasis upon the experimental and pioneering qualities of the works read.  Prerequisite: English 212, or 214.
54 ΓWENTIETH CENTURY FICTION 4R. WEES	A study of the fiction of Joyce, Lawrence, Woolf, Hemingway, Faulkner, and others with emphasis upon the experimental and pioneering qualities of the works read.  Prerequisite: English 212, or 214.

*356 HISTORY OF THE ENGLISH LANGUAGE MR. MACKAY	A brief introduction to linguistics, followed by a study of th historical development of the sounds, structure, vocabulary and levels of English, from its origins to its current American usage.  Prerequisite: English 212, or 214.
†[358] Principles of Literary Criticism	Study of a sequence of critics, beginning with Aristotle, to discover principles of analysis, interpretation, and judgment of literary works, especially plays and poetry. This course is classified among those presenting materials from periods before 1800.  *Prerequisite: English 212, or 214.
374d Oral Interpretation MR. WITHAM	Principles of selection, analysis, and preparation of poetry prose and drama for oral presentation before an audience.  Prerequisite: English 212, or 214.
†[378] Expository Writing	A course designed to help the student in any major field to become more proficient in the kind of writing demanded in professional life. Offered each semester.  Prerequisite: English 122 and permission of instructor.
381, 382 Writers' Workshop Instructor	Practice in the writing of short stories and of poetry. Majo emphasis on student manuscripts.  Prerequisite: English 212, 214 or permission of instructor.
421, 422 Shakespeare Mr. benbow	A study of selected plays with special attention to the intellect ual background and to Shakespeare's development as a dramatist. In the first semester, a study of histories, romantic comedies, and early tragedies; in the second, problem comedies tragedies, and romances. 422 may be elected separately by permission of the instructor.  Prerequisite: English 212, or 214.
423, 424 Major American Romantics Mr. cary	A study of the golden age of romanticism in American liter ature. In the first semester, representative works of Poe, Emer son, Thoreau; in the second semester, Whitman, Melville Hawthorne. The first semester may be taken alone, but it

a prerequisite for the second.

Prerequisite: English 212, or 214.

MR. BIRON

of grammar and elements of style. Offered each semester.

Prerequisite: French 125, 126 or consent of the instructor.

MR. SMITH

241, 242 Contemporary French Literature mr. smith	Introduction to literature of the 20th century, with representa tive works in prose, poetry, and theater. Conducted chiefly in French.  Prerequisite: French 125, 126.
†[341, 342] French Literature of the Seventeenth Century	Study of the development of French classicism; particular attention to Descartes, Corneille, Molière, Pascal, La Fontaine, and Racine. Collateral readings on the social and historical background. Conducted chiefly in French. (Not open to students with credit for French 221, 222.)  Prerequisite: French 241, 242 or consent of the instructor.
*343, 344 FRENCH LITERATURE OF THE EIGHTEENTH CENTURY MR. BUNDY	Study of the philosophical movement in France, with particular attention to Montesquieu, Voltaire, Diderot, and Rousseau. Literary history of the age with readings from important works in the field of belles-lettres. Conducted chiefly in French.  *Prerequisite:* French 241, 242 or consent of the instructor.
†[345, 346] FRENCH NON-FICTION OF THE NINETEENTH CENTURY	Study of the various literary movements and major poets, dramatists, and critics of the 19th century. Conducted chiefly in French.  Prerequisite: French 241, 242 or the consent of the instructor.
*347, 348 THE FRENCH REALISTIC NOVEL MR. KELLENBERGER, MISS WADE	Study of the form and development of the realistic novel in France in the 19th and early 20th centuries, from Stendhal through Balzac, Flaubert, Zola to Proust. Conducted chiefly in French.  Prerequisite: French 125, 126.
357 THE CONTEMPORARY FRENCH THEATER	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, Romains, Lenormand, Sarment, Cocteau, Giraudoux,

Montherlant, Sartre, and others. Conducted chiefly in French. *Prerequisite:* French 241, 242 or consent of the instructor.

358 THE CONTEMPORARY FRENCH NOVEL MR. SMITH	The French novel from 1900 to the present day, with special emphasis on Gide, Mauriac, Saint-Exupéry, and Camus. Conducted chiefly in French.  Prerequisite: French 241, 242 or consent of the instructor.
411 TEACHING OF FRENCH AND SPANISH IN THE SECONDARY SCHOOL MR. BIRON	Problems and methods of teaching French and Spanish. Readings, discussions, practice work, and criticism. Some attention is also directed to the fles program. Counts as three hours in education toward the Maine Secondary Certificate. Conducted in English.  Prerequisite: French 241, 242 or Spanish 221, 222 or Spanish 321, 322.
412 Advanced Composition and Stylistics mr. biron	Study of the characteristics of French style as seen in various authors. Representative readings and free composition, with some work in the history of the language. Conducted in French.  Prerequisite: Consent of the instructor.
491, 492 Topics in French Literature MR. Kellenberger, MR. SMITH	Topics, which change each semester, may cover an author, a genre, or a literary movement. Topics for 1966-67: 491, Studies in the Renaissance; 492, Molière. Conducted on a seminar basis.
	Geology
121e, 122 Introduction to Geological Science (I) <sup>1</sup> MR. HICKOX	A study of the physical and biological evolution of the Earth, with emphasis on mechanisms and processes. (Satisfies science distribution requirement, but not laboratory science.)
141e, 142 Introduction to Geological Science (II) <sup>1</sup> MR. HICKOX	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.
	<sup>1</sup> Of the year-sequences 121e, 122, 141e, 142, 161e, 162, not more than one sequence may be offered for course-credit.

161e, 162	Study in some detail of 8-10 'open' problems in Geology
Problems in Geology <sup>1</sup> STAFF	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. Not recommended for students wishing an introduction to geologic mechanisms and processes, or those planning to major in Geology. Enrollment limited to three sections of 25-30 students each.
†[192] METEOROLOGY	Study of the physical properties of the atmosphere; the origin and classification of weather types; air mass analysis and prin- ciples of prediction. Does not satisfy the science requirement.
211 SEDIMENTATION AND SEDIMENTARY ROCKS MR. PESTANA	A study of the mechanical and chemical processes of sedimentation, environments, methods of mechanical analysis of sediments, and a description and classification of the sedimentary rocks.  Prerequisite: Geology 122, or 142, or 161, 162.
212 DESCRIPTIVE MINERALOGY MR. HICKOX	Description of the crystallography, physical properties, and chemical structure of minerals.  Prerequisite: Chemistry 141.
*221, 222 Map Interpretation and Geomorphology of the United States mr. koons	Systematic study of the origin, history, and classification of landforms, based on study of topographic maps of the United States leading to an analysis of the structure and geologic history of the geomorphic provinces of the United States.  Prerequisite: Geology 122, or 142, or 161, 162.
241, 242 GEOLOGIC STRUCTURES AND FIELD METHODS MR. KOONS	Analysis of rock structures and their significance, with a study of techniques of field mapping.  Prerequisite: Geology 122, or 142, or 161, 162.
251 Paleontology	Systematic study of fossils; evolution; the use of fossils in geologic correlations.

<sup>1</sup> Of the year-sequences 121e, 122, 141e, 142, 161e, 162, not more than one sequence may be offered for course-credit.

†[271] Glacial Geology	Study of the origin and development of glaciers, with special attention to the Pleistocene of New England. An extended field mapping problem will be assigned.  Prerequisite: Geology 122, or 142, 211.
311 Optical Mineralogy mr. hickox	Study of the optical properties of crystals; technique in the determination of minerals using the petrographic microscope.  Prerequisite: Geology 212.
312 PETROLOGY OF THE IGNEOUS AND METAMORPHIC ROCKS MR. HICKOX	Optical study of the igneous and metamorphic rocks, and their origin, structure, and composition.  Prerequisite: Geology 311.
†[313] ECONOMIC GEOLOGY	Study of formation, classification, and distribution of metallic and nonmetallic mineral deposits, petroleum, and coal.  Prerequisite: Geology 212.
†[314] Petroleum Geology	A study of the origin, occurrence, and production of petrole- um, natural gas, and related compounds. Attention is given to methods of discovery and correlation of petroliferous rocks. Prerequisite: Geology 211.
†[316] Physics of the Earth	Rigorous study of physical processes operating in the earth's interior, at the surface, and in the atmosphere.  Prerequisite: Geology 242.
352 Stratigraphy Mr. pestana	Study of 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.
461, 462 Special Problems in Geology staff	Field and laboratory problems in geology, with regular reports and a final written report.  Prerequisite: Permission of the instructor.

### German

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102 Elementary German mr. kueter and staff Introduction to the language by an audio-lingual method, with emphasis on understanding, speaking, and reading. Use of taped materials in the language laboratory is a regular part of the class work.

103, 104 Intermediate German MR. Bither 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.

215 CONVERSATION AND COMPOSITION MR. SCHMIDT 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.

216
Introduction to German
Literature
mr. bither

Intensive reading of literary works; a general introduction to the major literary periods of German literature. Conducted primarily in German.

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

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

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

Prerequisite: German 216 or special permission.

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.

#### **1**[347, 348] CONTEMPORARY GERMAN

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

491, [492] TOPICS IN GERMAN LITERATURE

MR. SCHMIDT

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

Prerequisite: German 216 or special permission.

Prerequisite: Consent of the instructor.

### Government

IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

141, 142 AN INTRODUCTION TO THE STUDY OF POLITICAL ORDER STAFF

In Government 141 a study is made of modern approaches to theoretical problems of the art and science of politics. Government 142 focuses attention on certain institutional and process phenomena of modern politics such as voting behavior, the executive, the judicial, the legislative process.

Open to freshmen only.

AMERICAN NATIONAL GOVERNMENT MR. JACOBS AND MR. MAKINEN

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

236 EUROPEAN CONSTITUTIONAL GOVERNMENTS MR. MAKINEN AND MR. PAN	A comparative study of the governmental structure and politics of Great Britain, France, Germany and other selected European countries.
321, 322 POLITICAL THEORY MR. PAN	An analysis of some of the principal approaches to the nature of the political order, with emphasis on the historical delineation of the fundamentals of constitutional theory.  Prerequisite: Social Science 121e, 122; or a previous course in government; or special permission.
323 American Constitutional Law MR. JACOBS	A study of the United States Supreme Court and of constitutional litigation as part of the American political process.  Prerequisite: Government 235 or special permission.
331 POLITICS OF THE THIRD WORLD MR. MAKINEN	A systematic study of the problems encountered by the new states as they face the two-fold task of economic and political development and seek their own path between the models of western constitutionalism and totalitarianism. Emphasis will be on Africa, and extensive comparisons will be made with the continuing problems of development in western democracies.  *Prerequisite:* a previous course in government, or special permission of the instructor.
†[333] Totalitarian Government and Politics	The ideological framework and organization and operation of political institutions such as those of the Communist world, Nazi Germany and Fascist Italy, with major attention given to Russia.  Prerequisite: a previous course in government, or special permission of the instructor.
335 International Relations mr. weissberg	A course in the principles of international politics, stressing such topics as the balance of power, collective security, diplomacy and nationalism.  Prerequisite: a previous course, in government or European

history, or special permission of the instructor.

336 International Organization mr. weissberg	An examination of the structure, politics and current operation of international organizations within the nation-state system, with particular emphasis on the United Nations.  Prerequisite: Government 335, or the special permission of the instructor.
338 INTERNATIONAL LAW MR. WEISSBERG	This course will deal with the body of rules and principles of behavior which govern states in their relations with each other, as illustrated in cases and texts.  Prerequisite: Government 335, or Government 336, or the special permission of the instructor.
351 American Presidency Mr. Jacobs	A study of the powers and limitations of the federal executive in modern American politics.  Prerequisite: Government 235 or equivalent, or the special permission of the instructor.
†[353] GOVERNMENTS OF MODERN AFRICA	An analysis of political systems in Africa south of the Sahara.  Prerequisite: A previous course in government, preferably Government 236, or special permission of the instructor.
†[355] POLITICAL PARTIES	A study of American political parties.  Prerequisite: A previous course in government, preferably Government 235 or special permission of the instructor.
†[357] POLITICAL BEHAVIOR	An interdisciplinary approach, emphasizing recent theoretical and empirical contributions to an understanding of personal and group behavior in a political context. This course is also applicable, as a course in sociology, toward the major in that department.  Prerequisite: Government 235 or Sociology 221e, 222.
358 LEGISLATIVE PROCESS IN CONGRESS	An examination of the law-making process in legislative bodies with emphasis on the United States Congress. The course will include the electoral process, legislative politics, and Congressional relationships with interest groups as well as with other governmental bodies.
365, 366 Governments in the Far East MR. PAN	The first semester will be a study of the Chinese political system. Special attention will be given to the foundations and dynamic factors of Chinese politics in the twentieth century.  The second semester will deal with the government and

GOVERNMENT

MR. MAKINEN

	politics of modern Japan with major emphasis on the prob- lems of political modernization, militarism, postwar demo- cratization and foreign policy.  Prerequisite: A previous course in government, or special permission of the instructor.
†[373] FEDERAL GOVERNMENT AND REGIONALISM	An examination of the means and motives of regional integra- tion as well as the problems involved in operating and main- taining federations. Attention will be paid to classical federal experience and to experiments in developing countries.
†[377] SPECIAL PROBLEMS IN LOCAL GOVERNMENT	While problems dealt with vary from year to year, the general orientation is to a theoretical consideration of the local government process as a part of the general political process in a society. Generally the constitutional society 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.  *Prerequisite:* one year-course, or equivalent, in government, or special permission.
†[392] THE LEGAL PROCESS	A study of legal reasoning, legal development and institutional-human dynamics in the legal situation. The relation of law to political philosophy, ethics and the behavioral sciences. Materials from public and private law, and from the continental as well as Anglo-Saxon systems. Intended primarily for students not anticipating a law career.  Prerequisite: permission of the instructor.
411d2 Topics in Government staff	A study of government through special topics.  Prerequisite: Government major and special permission of the department chairman.
414 Seminar in Comparative	During the 1966-67 year the seminar will focus on authoritarian and totalitarian systems of government, analyzing the

conditions under which they arise, forms of social control, ac-

complishments, and internal changes.

Prerequisite: permission of the instructor.

436 SEMINAR IN AMERICAN NATIONAL GOVERNMENT AND POLITICS INSTRUCTOR	A consideration of the American national government as organization and process, and of the elements of national political life.  Prerequisite: Government 235 or special permission.
457 FOREIGN POLICY OF THE UNITED STATES	A seminar in the problems of planning and executing American foreign policy.  Prerequisite: Government 235, or equivalent; or Government 335, or equivalent; or special permission.
	Greek IN THE DEPARTMENT OF CLASSICS
101d, 102d ELEMENTARY GREEK STAFF	An introduction to the morphology and syntax of the Greek language with reading in the second semester of selected speeches of Lysias as they illustrate Athenian society of the fourth century.
GREEK LITERATURE OF THE FOURTH CENTURY MRS. KOONCE	Reading of representative prose writers of the period, particularly Plato and Demosthenes, with special attention to their attitudes toward the social and political problems of the time.
132 GREEK POETRY AND DRAMA MR. WESTERVELT	Selections from the elegiac and lyric poets and the <i>Antigone</i> of Sophocles.
351 Greek Literature Mr. Westervelt	The Acharnians and the Frogs of Aristophanes.
352 Greek Literature Mr. westervelt	The Agamemnon of Aeschylus.
411, 412 GREEK LITERATURE INDEPENDENT READING IN GREEK STAFF	Reading in a field of the student's interest, with essays and conferences.

### History

#### IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

141, 142 PROBLEMS IN EUROPEAN HISTORY STAFF An introduction to the college study of history through a consideration of a number 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.

221, 222
History of East Asian
Civilization
MR. ELISON

An approach to the interaction of cultures in East Asia. The first semester will be concerned primarily with the traditional civilization in China and Japan, but some attention will be given to peripheral areas.

The second semester will deal mainly with Chinese and Japanese reactions to Western stimuli in the nineteenth and twentieth centuries, and with the resulting problems of modernization.

The first semester is a prerequisite for the second.

†[231] Medieval Civilization, 476-1300 A history of Western Europe from the decline of Roman unity to the Renaissance, with emphasis on Catholic, Byzantine and Moslem influences, as a study in which characteristic western institutions took shape in a general social advance.

232
RENAISSANCE AND REFORMATION
1300-1648
MR. BERSCHNEIDER

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

237 THE EMERGENCE OF MODERN BRITAIN, 1688-1867 MR. GILLUM England and her colonies during the American, French and Industrial Revolutions.

238
Modern Britain and the
Commonwealth of Nations
mr. gillum

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

HISTORY OF MODERN EUROPE

and twentieth century intellectual developments.

1900-1929

<b>*</b> C	French de ule 1 - de de - company de la comp
*356 Modern France	Emphasis placed on the theme of Liberalism and the challenges of Fascism and Communism from 1848 to the present.
MODERN FRANCE AND ITALY	Prerequisite: one year-course, or equivalent in history, o
MR. BERSCHNEIDER	permission of the instructor.
363, 364 Cultural History of Japan	Pre-modern and modern phases of Japanese history.  Prerequisite: a previous course in history; 363 is prerequisite.
MR. ELISON	for 364.
†[372] THE FRENCH REVOLUTION AND NAPOLEON	An examination of European history from 1789 to 1815, with emphasis on political and social developments in France.  Prerequisite: one-year course, or equivalent, in history or government, or special permission.
*375 Modern Germany mr. gillum	The governmental and economic development and the international influence of Germany from 1848 to the present time <i>Prerequisite:</i> one year-course, or equivalent, in history or government, or special permission. This course is not open to students who have received credit for History 381, 382.
†[391] The Westward Movement: 1789-1896	Stress is given to the West as a laboratory for economic and political experimentation.
*392	The political history of the United States from 1929 to the
CONTEMPORARY AMERICA MR. BRIDGMAN	present.  **Prerequisite: History 281e, 282, or special permission.**
*393	This course deals with the South and its peculiar institutions
THE SOUTH IN UNITED STATES HISTORY: 1831-1896 MR. BRIDGMAN	during a period of incomplete transition from agrarianism to industrialism.  Prerequisite: History 281e, 282, or special permission.
†[394] SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES,	Selected topics illustrating the changing social organization and cultural assumptions of twentieth century Americans.  Prerequisite: History 281e, 282, or special permission.
	1 Yaran Parameter I

411d Topics in History STAFF	A study of history through special topics.  Prerequisite: history major and special permission of the department chairman.
415, 416 Seminar in American History MR. BRIDGMAN	Special topics in American history.  Open by permission.
418 SEMINAR IN EUROPEAN HISTORY MR. BERSCHNEIDER	Methods of historical research and critical study of sources and documents in a special topic of European history.  Open by permission.
433 SEMINAR IN ENGLISH HISTORY MR. RAYMOND	Reading and research on various topics in English history, with special attention devoted to political history in the nine-teenth or twentieth centuries.  Open by permission.
	Humanities  DIVISIONAL COURSES
101, 102 PROBLEMS IN CREATIVE THINKING MR. CLARK AND STAFF	Designed to show the methods and thought processes in several academic fields (science, history, philosophy, the arts, etc.). Students proceed through several units involving problems developed by the class and members of the faculty. The class is encouraged to develop hypotheses rather than to seek authority. Limited enrollment.
	Italian In the department of modern foreign languages
†[211] Dante	A study of the <i>Divina Commedia</i> 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.

#### †[212] Italian Literature of the Renaissance

Reading and interpretation of the major literary works from the 14th to the 16th century. The *Decamerone* of Boccaccio, the *Rime* of Petrarca, the *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.

### Japanese

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

101, 102 Elementary Japanese Mr. elison 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.

Prerequisite: Permission of the instructor.

### Latin

IN THE DEPARTMENT OF CLASSICS

101, 102 Elementary Latin Instructor An introduction to the morphology and syntax of the Latin language with reading in the second semester of a comedy of Terence.

Open for students who have studied no Latin and to others as specified on page 18.

121, 122 INTERMEDIATE LATIN MR. WESTERVELT AND INSTRUCTOR	First semester devoted to review of morphology and syntax through readings which illustrate the social history of Rome to the time of Augustus; second semester to readings from the first six books of the <i>Aeneid</i> with lectures on Virgil's poetic technique and the historical background.  Prerequisite: Latin 102 or two years of high school Latin. This course may not be taken for credit by students with four or more years of high school Latin.
131 Introduction to Latin Literature: Comedy mrs. koonce	Reading and analysis of selected plays of Plautus, with emphasis on syntax, meter and dramatic technique. Supplementary reading in Plautus and Terence will be done in translation.  Prerequisite: Latin 122 or four years of high school Latin. Students with 3 years of high school Latin may take Latin 141 with the permission of the instructor.
132 INTRODUCTION TO LATIN LITERATURE: LYRIC POETRY INSTRUCTOR	Catullus and Horace
[2812, 282] LATIN COMPOSITION STAFF	Exercises in Latin prose composition with readings in Cicero.  Credit: one semester course.
351 LATIN LITERATURE INSTRUCTOR	Lucretius.
352 Latin Literature MRS. KOONCE	Livy.
411, 412 INDEPENDENT READING IN LATIN	Reading in a field of the student's interest, with essays and conferences.

413 SEMINAR INSTRUCTOR	The last six books of the Aeneid of Virgil.
414 Seminar MR. Westervelt	Tibullus and Propertius.
	Linguistics
	IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES
211 INTRODUCTION TO LINGUISTICS MR. TSURIKOV	The study of 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.
	Mathematics
ELEMENTARY FUNCTIONS STAFF	The elementary mathematical functions and selected topics from college algebra, plane analytic trigonometry, and plane analytic geometry.  Prerequisite: three years of college preparatory mathematics.
112d CALCULUS I STAFF	An introduction to elementary differential and integral calculus. Offered each semester.  Prerequisite: Mathematics 111 or satisfactory achievement in the mathematics placement examination (see page ??)
211d CALCULUS II	Further study of differential and integral calculus, with selected applications. Offered each semester.  Prerequisite: Mathematics 112d.
STAFF	

241, 242 ELEMENTARY STATISTICS MR. HAYSLETT	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.*
†[243, 244] FINITE MATHEMATICS	Selected topics from modern mathematics useful in the biological and social sciences; including probability, elements of modern algebra, and an introduction to linear programming and the theory of games. Statistics is not treated, but is offered in other courses. Not open to mathematics majors.  *Prerequisite: Mathematics 112d.
311d Differential Equations MR. JUNGHANS	Solutions of elementary differential equations and an introduction to partial differential equations. Offered each semester.  Prerequisite: Mathematics 212d.
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
361, 362 Higher Algebra mrs. zukowski	Vector spaces, linear transformations, and matrices, with their applications in modern abstract algebra.  Prerequisite: Mathematics 212d.
*381, 382 Introduction to Mathematical Statistics MR. Hayslett	Random variables; special probability distributions; moment generating functions; maximum liklihood 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.*
421, 422 Advanced Calculus Mr. combellack	More advanced topics of calculus, including maxima and minima in three and higher dimensions, Jacobians, curvilinear coordinates, special definite and improper integrals, beta func-

tion, gamma function, complex variables. Prerequisite: Mathematics 311d.

423, 424 Higher Geometry mr. barr	A study of various geometries, with emphasis on algebraic methods.  Prerequisite: Mathematics 361, 362.
†[432] Introduction to Topology	An introduction to general topology, including such topics as elementary point set topology, mappings, and metric spaces.  Prerequisite: Mathematics 423.
441, 442 Special Topics Staff	Content varied to meet the needs and interests of individual students; such topics as theory of functions of a real or complex variable, theory of numbers, calculus of finite differences.  Prerequisite: Mathematics 311d and special permission.
	Music
101, 102 BAROQUE, CLASSICAL AND ROMANTIC MUSIC STAFF	A course intended for the greater understanding and enjoyment of music. Emphasis on musical style and historical background evident in the works of Bach, Handel, Mozart and the romantic composers. Reading and listening assignments.
CHANSONS AND LIEDER MISS HEINRICH	A detailed study of 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.
115d Medieval and Renaissance Music Miss Heinrich	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 assign- ments. Offered each semester.
121, 122 THEORY AND PRACTICE OF MUSIC STAFF	A course in 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.  Prerequisite: permission of department.

211 HARMONY MR. RE	A study of the harmonic practices of seventeenth, eighteenth and nineteenth century composers. Harmonization of given and original melodies; analysis of compositions from selected composers.  Prerequisite: 121, 122.
212 Advanced Harmony Mr. re	Continuation of 211 with special emphasis on keyboard harmony.  Prerequisite: Music 211.
215 COUNTERPOINT MR. RE	A course dealing with the principles of the melodic combinations of sixteenth, seventeenth and eighteenth century polyphony.  Prerequisite: Music 211.
216 BAROQUE AND ROCOCO MISS HEINRICH	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.
†[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.
305, 306 Opera and Oratorio staff	The history and development of opera and oratorio. Detailed study of famous representative works and techniques.  Prerequisite: Music 101, 102.
312 CONTEMPORARY MUSIC MR. RE	Study of trends in the art of music following the time of Wagner and the late romanticists. Consideration of varied techniques of twentieth century composers.  Prerequisite: permission of instructor.
Applied Music	Private lessons in voice, piano, organ, violin, viola, violoncello and bass viol are available at additional cost. To fulfill credit requirements, students must have a one hour lesson and practice a minimum of six hours each week. There is no credit

for the freshman year. Thereafter each three semesters of such private instruction may be applied, as the equivalent of one semester course, toward requirements for the college degree.

Students interested in private lessons in voice are referred to Mr. Roger Nye or Mrs. Freda Gray-Masse; in stringed instruments, Mrs. Walter Habenicht, in piano, Mr. Peter Ré, in organ, Miss Adel Heinrich.

For participation in the college glee club, the symphony

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

# Philosophy

IN THE DEPARTMENT OF PHILOSOPHY AND RELIGION

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

211 Moral Philosophy Mr. Clark

MR. CLARK

212

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

Logic

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

MR. PETERS AND STAFF

An examination of leading socio-political ideologies, emphasizing normative aspects as well as relations between ideologies

[312] Social Philosophy

	and social institutions; findings will be related to contemporary societies.  *Prerequisite: Social Science 121e, 122 or consent of the instructor.
·[314] \esthetics	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).
15   Types of Philosophy   17. Y. Hudson	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.
†[317] PHILOSOPHY OF SCIENCE	The course will deal with analytical and interpretive problems in the philosophy of science. Explanation, theory, observation, and associated concepts in the natural and social sciences will be considered.
[319] Ethics and General Theory of Value	An examination of philosophic approaches to the nature of value, especially ethical, judgments. Among the views considered will be intuitionism, emotivism, "good reasons" theory, and those relating ethics to scientific findings.  Prerequisite: Philosophy 211 or consent of the instructor.
931 HISTORY OF ANCIENT PHILOSOPHY MR. F. HUDSON	Comparative study of the philosophical systems of Plato and Aristotle, with secondary attention to the pre-Socratics, Socrates, Epicurus, the Stoics, and Plotinus.
932 History of Modern Philosophy Mr. reuman	A study of European philosophy from Descartes to the nine- teenth century with special attention to the works of Descartes, Spinoza, Leibniz, Locke, Berkley, Hume, and Kant.
*851 American Thought mr. clark	American philosophical thought from the colonial period to the present. Readings include major representatives from each period with particular attention to the American enlighten-

MR. TODRANK

	ment and pragmatism.  Prerequisite: Either Philosophy 112, or Philosophy 332; or consent of the instructor.
353 Contemporary Philosophy mr. peters	Major movements in philosophy since 1900.  Prerequisite: two semester courses in philosophy or consens of the instructor.
354 History of Medieval Philosophy MR. f. hudson	From Augustine to William of Ockham with preliminary consideration of neo-Platonism. The interaction between philosophy and Christian theology in medieval Europe; the scholastics and issues to which they addressed themselves.  Prerequisite: Philosophy 331 or permission of the instructor.
355 Indian Thought ix Indian instructor	Modern Indian philosophy.  Prerequisite: permission of the instructor.
[356] Indian Thought	Indian social thought.  Prerequisite: permission of the instructor.
357 Symbolic and Formal Logic mr. peters	Principals of semantics. Formal logic systematically studied.  Mathematics and Logic.  Prerequisite: Philosophy 212.
359 Nineteenth Century Philosophy mr. reuman	Post-Kantian thinkers such as Hegel, Kierkegaard, Schopenhauer, Nietzsche and Bergson. Special attention to the revolt against reason, evolution, and alienation.  Prerequisite: Philosophy 331, 332 or permission of instructor.
372 Philosophy of Religion	A study of the basic postulates of religion, including search for an adequate scheme of verification, an analysis of the em-

pirical evidence and the hypotheses which seem to result

therefrom, and the relevance of the conclusions for daily life.

Prerequisite: one course in religion, preferably Religion 311,

and one in philosophy; or permission of the instructor.

391, [392] Philosophy Seminars staff	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.  Prerequisite: permission of the instructors.
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.
Interdepartmental Course	Education 313, Philosophy of Education, is also applicable toward fulfillment of the major in philosophy. See Education listing for description of course.
	Physical Education
311 THE ORGANIZATION AND TEACHING OF PHYSICAL EDUCATION AND ATHLETICS MR. WINKIN AND MRS. BITHER	The practice, theory and organization of those activities included in the program of athletics and physical education at the secondary school level.  Prerequisite: special permission.
312 THE ADMINISTRATION OF PHYSICAL EDUCATION AND ATHLETICS MR. WINKIN AND MRS. BITHER	Administrative policies, practices, teaching methods, and standards pertaining to the execution of a modern program of physical education and athletics at the secondary school level.  Prerequisite: special permission.
313 DANCE I MISS MCFERREN	Contemporary history and composition: twentieth century trends in the dance.  Prerequisite: permission of the instructor.

314
DANCE II
MISS MCFERREN

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

Prerequisite: permission of the instructor.

### **Physics**

IN THE DEPARTMENT OF PHYSICS AND ASTRONOMY

141, 142
GENERAL PHYSICS
MR. BANCROFT
AND MR. DUDLEY

An introductory course, quantitative in nature, stressing the interpretation of physical problems in graphical and analytical terms. Laboratory.

Prerequisite: Mathematics 111, 112d or equivalent (may be taken concurrently).

151
Atoms, Molecules,
and Life
MR. FAIRLEY

A seminar designed to provide a background for understanding the problems and implications of the Atomic Age. Through the original writings of scientists from Francis Bacon through Albert Einstein it will trace the development of the concepts which led to the development of atomic energy and an understanding of the structure of living matter. Emphasizes the unity of the living and non-living aspects of the physical world.

Prerequisite: permission of instructor.

211
ELECTROMAGNETIC CIRCUITS
AND DEVICES
MR. OTTO

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, and Mathematics 112d or equivalent.

212 Optics and Atomic Spectra mr. bancroft A study of light, and of the structure of the atom as revealed by the spectroscope. Consideration is given to the first order theory of geometrical optics in some detail, followed by physical optics, including interference, diffraction, resolving power, and measurement of wavelength. The spectrum of the "oneelectron atom" is studied in detail. More advanced spectro-

ELECTRICITY AND MAGNETISM

MR. BANCROFT

	class interests dictate. Laboratory.  Prerequisite: Physics 142, and Mathematics 212d (either passed with a grade of C or better or taken concurrently).
311 THERMODYNAMICS AND KINETIC THEORY MR. OTTO	The two basic laws of thermodynamics are studied, and their application to ideal gases and to systems of a single component are considered in detail. The kinetic theory of gases, including transport phenomena, is also studied, with some reference to the methods of statistical mechanics. Laboratory.  Prerequisite: Physics 142, and Mathematics 212d (either passed or taken concurrently).
332 CLASSICAL MECHANICS MR. OTTO	An introduction to analytical mechanics. Extensive use is made of vector analysis and of the calculus. Insofar as is practicable, the laboratory work is focused on the material developed in the classroom. Laboratory.  Prerequisite: Physics 142, and Mathematics 312 (either passed or taken concurrently).
421, 422	An introduction to electromagnetic theory and the theory and

scopic problems and the structure of the atom are discussed as

practice of electrical measurements. Classical problems in

electrostatics and magnetostatics are considered. Electrodynam-

ic phenomena are analyzed, and Maxwell's equations are discussed in their vector form. Laboratory work centers around direct and alternating current components and networks, with particular reference to bridge measurements. Some material

Prerequisite: Physics 332, Mathematics 311d, 312 (may be

An introduction to quantum theory, atomic and nuclear structure, and selected topics in areas of contemporary interest.

Laboratory

on electronics is included. Laboratory.

MR. DUDLEY

Laboratory.

Prerequisite: Physics 332, 421, 422 (421, 422 may be taken concurrently).

Topics selected to meet the needs of the individual student.

ADVANCED PHYSICS

Suggested studies are introductory theoretical physics or spe-

ADVANCED PHYSICS
STAFF
STAFF
SUggested studies are introductory theoretical physics or spe cial experimental problems, or both.

Prerequisite: Junior standing, at least, and permission.

### Portuguese

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

†[221, 222] ELEMENTARY PORTUGUESE Introduction to Portuguese as a second Romance language. Course presents the spoken and written language of Portugal and Brazil, utilizing previous knowledge of a Romance language. Extensive use is made of taped materials.

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

\*311
PORTUGUESE LITERATURE
MISS ALLEN

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

Prerequisite: Portuguese 212 or 222.

\*312 Brazilian Literature miss allen Representative works of Brazilian literature, stressing the novel of the 19th and 20th centuries.

Prerequisite: Portuguese 212 or 222.

## Psychology

IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

231d
Introduction to
Psychology
MR. GILLESPIE

A one-semester course in the principles of psychology, organized around the study of the development and functioning of the human personality. Designed for students with no previous work in psychology, this course may not be counted toward the major in psychology.

GENERAL PSYCHOLOGY
INSTRUCTOR

Major topics in general psychology, with attention to quantitative and laboratory methods, and to the biological bases of behavior. Limited to, and required of, majors in psychology.

42 'SYCHOLOGICAL MEASUREMENT IR. PEREZ	A survey of problems and methods involved in the measurement of abilities, attitudes, and personality. Representative instruments from various areas are examined in detail.  *Prerequisite: Psychology 241 or equivalent.
14 DEVELOPMENTAL PSYCHOLOGY 1R. SMITH	A study of the life continuum from infancy to old age, with special attention to childhood and the adolescent years.  May not be taken for credit in addition to Education 413.  Prerequisite: Psychology 231 or 241 or equivalent.
42 PSYCHOLOGY OF LEARNING NSTRUCTOR	The study of behavior from the standpoint of learning. A review and analysis of experimental literature in the context of principles and theories.  Prerequisite: Psychology 231 or 241 or equivalent.
55 Abnormal Psychology 4r. perez	An introduction, with special emphasis on the dynamics of the neurotic and psychotic personalities.  Prerequisite: Psychology 231 or 241 (or equivalent), or permission of the instructor.
(81, 382 Experimental Psychology INSTRUCTOR	Discussion of the planning, execution, and interpretation of research in psychology, with special attention to the areas of learning and perception.  Prerequisite: Psychology 241, 242 or equivalent or permission of the instructor.
113 Culture and Personality AR. Gillespie	The study of relationships between individual personality and the sociocultural setting; topics include mental health, socialization, and "national character".  This course is also applicable as a course in sociology toward the major in that department.  Prerequisite: permission of the instructor. Limited to senior majors in psychology or sociology.
51 History and Systems of Psychology ar. Johnson	The historical development of modern psychology and the development of such systematic viewpoints as behaviorism, Gestalt psychology, and psychoanalysis.  Prerequisite: three semester courses in psychology.

OF RELIGION

MR. F. HUDSON

452 Social Psychology MR. Gillespie	Selected topics in contemporary social psychology, including attitudes, cognitive processes, and psychological factors is social organization.  Prerequisite: Psychology 413 or 451 or equivalent.
491d SPECIAL TOPICS INSTRUCTOR	Individual projects, in areas where the student has demor strated the interest and competence necessary for independent work.  Prerequisite: permission of the INSTRUCTOR.
	Religion In the department of philosophy and religion
I I I Introduction to Western Religion mr. todrank	The Judeo-Christian tradition; its origins and growth, and it influence on western culture. This course provides a back ground for Philosophy 112, Introduction to Western Philosophy.  Prerequisite: standing not higher than sophomore.
213 THE BIBLE: OLD TESTAMENT MR. TODRANK	Reading and discussion of the Old Testament to gain under standing of the development of the religion of Israel and the principal ideas of its religious message.
214 The Bible: New Testament mr. todrank	Reading and discussion of the New Testament and the Apo crypha with special consideration of the life of Jesus, the his tory of the early Christian church, and some of the principa ideas of its religious message.  Prerequisite: Religion 213.
217 The Scientific Study	An examination of 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 re

ligious 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.

prior to registration. Open to majors and non-majors.  Prerequisite: permission of the instructors.  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.
prior to registration. Open to majors and non-majors.
Seminars in selected areas in the field of religion are presented each semester. Specific subject matter is announced each year
An analysis and comparison of significant trends in Christian thought since 1900, including Protestant liberalism, neo-orthodoxy, existentialism, emphasis on language in religion, and possible contributions in process philosophy. Also new accents in Roman Catholic thought as seen particularly in the Second Vatican Council.  Prerequisite: Two semester courses in religion or consent of the instructor.
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.
An account of the origins and chief characteristics of Hindu- ism, Buddhism, Taoism, Confucianism, Zoroastrianism, and Islam.

#### Russian

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

01, 102 LEMENTARY RUSSIAN 4R. 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.

### Social Science

DIVISIONAL COURSE

121e, 122
GREAT SOCIAL THINKERS
AND PROBLEMS OF
THE WESTERN WORLD
MR. CLARK AND STAFF

In the first semester there will be a study of writings of a few great social thinkers from Plato through J. S. Mill and Marx In the second semester the discussion sections of the course 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. Among the problems to be considered in 1966-67 will be: the conception

of alienation; the economic interpretation of history; an American social philosophy; current socialisms; current social thought in India.

# Sociology

221e, 222
Principals of Sociology

STAFF

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

†[331] Introduction to Social Work

some considerations of its history. It is designed to acquaint the student with types of social work now practiced and some of the modern techniques. There will be at least three required field trips during October and/or November. This course cannot be used to fulfill the requirements for the major. *Prerequisite:* Sociology 221, 222.

This course will focus on the nature of social work, including

\*332
DELINQUENCY AND CRIME
MR. GEIB

Delinquency and crime are studied in social and cultural perspective; conditions and situations which encourage anti-social conduct, the philosophy and practice of punishment, and programs for reducing or eliminating delinquency and crime.

Prerequisite: Sociology 221, 222.

352
RACE AND MINORITIES
MR. ROSENTHAL

This course presents the major problems of race and minority groups in the modern world.

Prerequisite: Sociology 221, 222.

\*353 Urban Sociology mr. birge An eclectic study of the city as a sociological phenomenon: the historical and ecological development of the city; population and selective migration; group life and personality; and organization and disorganization of urban areas.

Prerequisite: Sociology 221, 222.

*354 COMPARATIVE SOCIAL SYSTEMS MR. 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.		
†[361, 362] Cultural Anthropology	A course in introductory anthropology with special emphasis on the implications of the social and cultural experiences of primitive people for modern society.  Prerequisite: Sociology 221, 222; course 361 is prerequisite for 362.		
†[371] SOCIAL STRATIFICATION	An analysis of the nature of social classes, their relationship to their societal environment, and the influence of stratification upon behavior. Theories of stratification and evidence for them is emphasized.  Prerequisite: Sociology 221, 222.		
373 THE FAMILY MR. 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.		
391 COLLECTIVE BEHAVIOR MR. GEIB	A social analysis of phenomena of collective behavior—crowds, public opinion, propaganda, and communication—and the forces which mold each. Special attention is given to the major mass media and their function in modern society.  Prerequisite: Sociology 221, 222.		
†[392] SOCIAL CHANGE	Although an historical approach is used at times, this course is primarily theoretical in nature. It attempts a study of the mechanisms, functions and the consequences of social change. Particular attention is directed to the relevance of social change for the social order.  Prerequisite: Sociology 221, 222.		
393 COMPLEX SOCIAL ORGANIZATIONS MR. DOEL	An analysis of today's large secondary organizations — the military, the church, business corporations, academic institutions. The purpose of the course will be to develop a perspective by which these organizations may be understood.		

Prerequisite: Sociology 221, 222.

394 Sociology of Art Instructor	A study of artistic traditions of folk societies; analysis of t function of myths, songs, poetry and visual arts in primiti societies.		
401, 402 Sociology Seminar STAFF .	A seminar on the major problems of sociology as a science. Much of the work is devoted to individual projects.  Prerequisite: senior standing and permission of instructor.		
411 NORMATIVE SOCIAL THEORY MR. DOEL	A study of normative social theory with special emphasis upon such works as Plato's Republic, Owen's A New View of Society, and Bellamy's Looking Backward.  Prerequisite: Sociology 221, 222.		
412 HISTORY OF SOCIOLOGICAL THEORY MR. GEIB	A survey of the history of sociology, and a critical examination of the systems of thought about society and human nature. The place of theory in social research is emphasized.  Prerequisite: Sociology 221, 222.		
416 SPECIAL TOPICS MR. DOEL	A seminar in some topic suggested by the instructor.  Prerequisite: permission of the department.		
	Spanish in the department of modern foreign languages		
101, 102 ELEMENTARY SPANISH MR. LAMSON 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.		
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 readings from Spanish and Latin American literature. These studies, and grammar review are supplemented with drill work in the laboratory.		

Prerequisite: Spanish 101, 102 or two years of high-school

Spanish and appropriate score on the placement test.

121, 122
Spanish and Hispanic-
AMERICAN CIVILIZATION
MR. CAUZ

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

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

# 141, 142 Introduction to Spanish Literature Mr. Lamson

mented by lectures and discussions. Conducted chiefly in Spanish.

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

A survey of Spanish literature from the earliest works through

the 19th century. Reading of representative works supple-

# 211d Spanish Composition mr. f. perez

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

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

# 257 The Generation of 1898 MR. CAUZ

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

Prerequisite: Spanish 141, 142.

258
SPANISH LITERATURE OF
THE TWENTIETH CENTURY
MR. CAUZ

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

Prerequisite: Spanish 141, 142.

3012, 3022 TEACHING OF SPANISH IN THE ELEMENTARY SCHOOL MR. CAUZ Problems and methods of teaching Spanish in the elementary school, with emphasis on the MLA FLES program. One hour of instruction per week at Colby and three periods of teaching per week in the public school system throughout the school year. This course, approved by the State Board of Education,

when coupled with the Maine Professional Secondary Certificate, will prepare and authorize the student to teach Spanish in the elementary school. Conducted in English. Credit: one semester-course.

Prerequisite: Spanish 257, 258 and permission of the instructor.

## **†**[321, 322] HISPANIC-AMERICAN

LITERATURE

The development of Hispanic literature and civilization in the new world from the period of colonization through the contemporary period. Conducted chiefly in Spanish. Prerequisite: Spanish 141, 142.

## \*351 THE THEATER OF THE GOLDEN AGE MR. F. PEREZ

Reading and study of the theater of the Golden Age, with emphasis on Lope de Vega, Tirso de Molina, Ruiz de Alarcon, and Calderon de la Barca. Conducted chiefly in Spanish. Prerequisite: Spanish 257, 258.

## \*352 THE NOVEL OF THE GOLDEN AGE MR. F. PEREZ

Reading, analysis, and discussion of the novel of the Golden Age, with particular attention to the picaresque novel, and to the Novelas Ejemeplares and Don Quixote of Cervantes. Conducted chiefly in Spanish. Prerequisite: Spanish 257, 258.

## \*355 SPANISH DRAMA AND POETRY OF THE NINETEENTH CENTURY MR. F. PEREZ

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

Prerequisite: Spanish 257, 258.

# \*356 THE SPANISH NOVEL OF THE NINETEENTH CENTURY

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

Prerequisite: Spanish 257, 258.

†[491, 492] TOPICS IN SPANISH AND LATIN AMERICAN LITERATURE

MR. F. PEREZ

Topics, which change each semester, may cover an author, a genre, or a literary movement. Conducted on a seminar basis. Prerequisite: Consent of the instructor.

# Preparation for Graduate and Professional Schools

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

#### ARTS AND SCIENCES

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

## LAW AND GOVERNMENT SERVICE

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

#### DENTISTRY

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

#### MEDICINE

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

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

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

#### ENGINEERING

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.

#### THEOLOGY

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

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

#### SECONDARY SCHOOL TEACHING

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

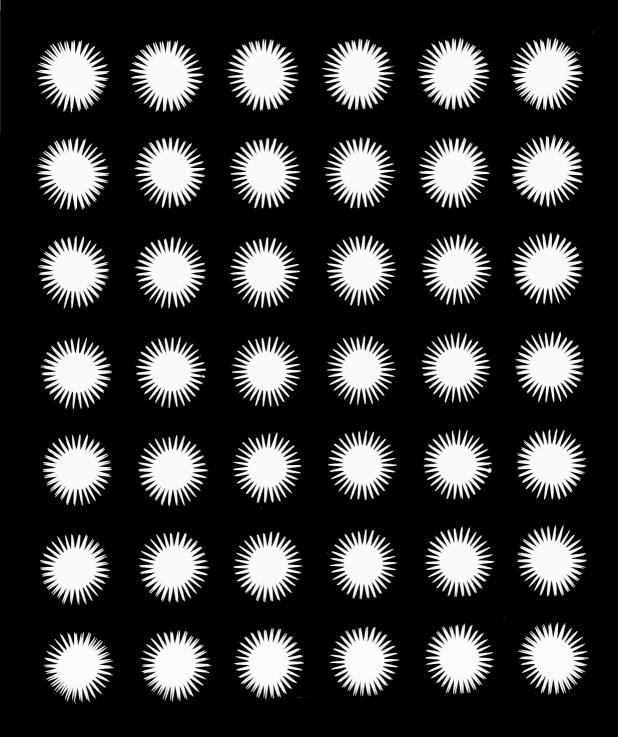
Colby's offering will also enable requirements to be met in many other states; but, because of the variation in requirements, a student who wishes to teach outside Maine should obtain information from the appropriate department of education.

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

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# The Corporation

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(1967) JULIUS SEELYE BIXLER,

PH.D., D.D., L.H.D., D.C.L., LITT.D.

\* (AL. 1966) LAWRENCE RUSSELL BLANCHARD, B.A.

(1970) ALIDA MILLIKEN CAMP (MRS.), B.A.

(1968) CLARK HOPKINS CARTER, B.A.

(1969) EVERETT RICHARD DRUMMOND, M.B.A.

\* (AL. 1966) EDITH EILENE EMERY, M.A.

(1972) JOHN WARNER FIELD, B.A.

(1966) ROBERT HALLOWELL GARDINER, LL.B.

(AL. 1967) NISSIE GROSSMAN, B.A.

(AL. 1969) THEODORE ROOSEVELT HODGKINS, B.S.

(1970) RUTH RICH HUTCHINS (MRS.), B.A. ELLERTON MARCEL JETTE, LL.D.

(AL. 1968) CLAYTON WEARE JOHNSON

(1971) GORDON BURR JONES, M.B.A. NEIL LEONARD, LL.B., LL.D.

(1969) LEONARD WITHINGTON MAYO, S.SC.D.

(AL. 1969) RITA ANN McCabe, B.A.

(1969) DAVID MACKENZIE OGILVY, M.A.

(1967) ALBERT CARLTON PALMER, B.A.

(AL. 1967) BETTINA WELLINGTON PIPER (MRS.), B.A.

(1968) WILSON COLLINS PIPER, LL.B.

(AL. 1968) HENRY WESTON ROLLINS, B.A.

(AL. 1967) ROBERT CONVERSE ROWELL, B.A.

Orono, Maine Washington, D. C. Portland, Maine

Jaffrey, New Hampshire Worcester, Massachusetts New York, New York

Mount Vernon, New York Bangor, Maine

Haverhill, Massachusetts Bridgeport, Connecticut

Boston, Massachusetts

Newton, Massachusetts

Wilton, Maine Bangor, Maine

Sebec Village, Maine West Hartford, Conn.

Needham, Massachusetts Boston, Massachusetts

New York, New York

New York, New York New York, New York

Stoneham, Massachusetts

Waterville, Maine

Boston, Massachusetts

Waterville, Maine

Waterville, Maine

(1971) DWIGHT EMERSON SARGENT, M.A. \* (AL. 1966) MARK RICHARD SHIBLES, M.ED., D.S.ED., L.H.D.

(1971) JOSEPH COBURN SMITH, L.H.D. REGINALD HOUGHTON STURTEVANT, B.A., LL.D. Livermore Falls, Maine

(AL. 1968) JEAN MARGARET WATSON, M.A.

(1967) ESTHER ZISKIND WELTMAN (MRS.), M.ED.

(1971) ROBERT FREDERIC WOOLWORTH, M.A.

Cambridge, Massachusetts

Orono, Maine

New York, New York

New London, Connecticut

Longmeadow, Massachusett New York, New York

#### FACULTY REPRESENTATIVES

(1967) JAMES MORTON CARPENTER, PH.D.

(1966) ALLAN CHARLES SCOTT, PH.D. (1969) DONALDSON KOONS PALLA

\*Term expired June 5, 1966

Waterville, Maine Waterville, Maine Waterville, Maine

### FELLOWS OF COLBY COLLEGE

CLIFFORD A. BEAN CARLETON D. BROWN BERNARD H. BURBANK H. KING CUMMINGS Mr. & Mrs. J. Newton Cutler AUGUSTINE A. D'AMICO NORRIS E. DIBBLE RICHARD N. DYER ROBERT R. EDGE HILDA M. FIFE D. RAYMOND HOLT CURTIS M. HUTCHINS Едітн К. Јетте BERNICE B. McGORRILL IOHN McGOWAN WILLIAM H. NELSON III Wilson Parkhill FREDERICK POTTLE NINETTA W. RUNNALS OREN R. SHIRO BARBARA I., TOZIER

Waterville, Maine Bronxville, New York Newport, Maine New Vernon, New Jersey

Concord. Massachusetts

Bangor, Maine Longmeadow, Massachusett Waterville, Maine

Brownville, Maine Bangor, Maine Winthrop, Maine

Bangor, Maine Sebec Village, Maine Portland, Maine Waterville, Maine

Belgrade, Maine New Haven, Connecticut Dover-Foxcroft, Maine

Philadelphia, Pennsylvania

Waterville, Maine Portland, Maine

## COMMITTEES OF THE BOARD **OF TRUSTEES**, 1965-66

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

BUILDINGS AND GROUNDS Mr. Drummond, Chairman, Dr. Bixler, Mrs. Piper, Messrs. Rowell and Smith. Mr. Williams, Secretary.

> Messrs. Brown, D'Amico, Holt, Mrs. Jetté, Messrs. McGowan, Shiro and Whalon.

**DEVELOPMENT** Mr. Smith, Chairman, Messrs. Carter, Grossman, Johnson, Jones, Mayo, and Mrs. Weltman. Mr. Turner, Secretary.

Mr. and Mrs. Cutler, and Messrs. Burbank and Millett.

EDUCATIONAL POLICY Mrs. Weltman and Mr. Sargent, Co-Chairmen, Dr. Bixler, Mrs. Camp, Miss Emery, Mrs. Hutchins, Mr. Ogilvy, Mrs. Piper, Messis. Piper, Rollins, Shibles, and Miss Watson. Dean Johnson, Secretary.

> Mr. Dibble, Miss Fife, Messrs. Parkhill and Pottle, and Miss Runnals.

EXECUTIVE Chairman of the Board Jetté, President Strider, Messrs. Anthony, Bixler, Field, Jones, Leonard, Piper, and Sturtevant. Mr. Williams, Secretary.

HONORARY DEGREE Dr. Mayo, Chairman, Mr. Ogilvy, Mrs. Camp, Miss Emery, Mrs. Hutchins, and Professors Carpenter and Scott.

Dr. Pottle

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

Messrs. Hutchins, Nelson and Seepe.

NOMINATING Mr. Sargent, Chairman, Mrs. Arnzen, Miss Emery, Messrs. Jones, Leonard, Piper and Rowell.

PLANNING Messrs. Leonard and Piper, Co-Chairmen, Mrs. Arnzen, Messrs. Drummond, Field, Grossman, Ogilvy, Palmer, Rollins, Smith, Mrs. Weltman, and Mr. Woolworth. Mr. Turner, Secretary.

Messrs. Bean, Cummings, Dyer, Edge, Mrs. Jetté, Mrs. McGorrill, Mr. McGowan, Mrs. Tozier, and Mr. Williams.

# Faculty 1963-1967

#### **EMERITI**

JULIUS SEELYE BIXLER, PH.D., D.D., L.H.D., LL.D., D.C.L., LITT.D. Professor-Emeritus of Philosophy; President-Emeritus WILBERT LESTER CARR, M.A., LL.D., Professor-Emeritus of Latin WEBSTER CHESTER, M.A., SC.E., Professor-Emeritus of Biology EDWARD JOSEPH COLGAN, M.A., SC.D., L.H.D. Professor-Emeritus of Education and Psychology 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 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. EVERETT FISK STRONG, B.A., M.A.

Professor-Emeritus of Education; Dean-Emeritus

Professor-Emeritus of Modern Languages

CARL JEFFERSON WEBER, M.A. (OXON.), LITT.D., L.H.D.

Professor-Emeritus of English

LESTER FRANK WEEKS, M.A., Professor-Emeritus of Chemistry

#### ACTIVE FACULTY

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

#### **PROFESSORS**

DENNISON BANCROFT, PH.D. (Amherst, Harvard)

Professor of Physics

CLARENCE F. BARR, M.S. (Indiana State Teachers College, Chicago

University)

Visiting Professor of Mathematics

ROBERT MARK BENBOW, PHD. (University of Washington, Yale)

Professor of English

Kingsley Harlow Birge, ph.d.<sup>2</sup> (Dartmouth, Yale)

Professor of Sociology

WALTER NELSON BRECKENRIDGE, M.A.<sup>2</sup> (Tufts)

Professor of Economics

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 CHANMAN, 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 PATTE COMPARETTI (MRS.), PH.D.<sup>2</sup> (Rockford, Cornell)

Professor of English

ERMANNO F. COMPARETTI, PH.D.<sup>2</sup> (Cornell)

Professor of Music

ARTHUR SAMUEL FAIRLEY, PH.D.<sup>5,8</sup> (Amherst, Princeton)

Professor of Physics

KEMP FREDERICK GILLUM, PH.D. (Illinois, Wisconsin)

Professor of History

HENRY HOLLAND. PH.D.<sup>3,6,8</sup> (Maine, Harvard, Madrid)

Professor of Modern Languages

ERNEST PARKER JOHNSON, PH.D. (Springfield, Brown)

Professor of Psychology; Dean of the Faculty

RICHARD KNOWLTON KELLENBERGER, PH.D.<sup>2</sup> (Oberlin, Princeton)

Professor of Modern Languages

Donaldson Koons, Ph.D. (Columbia)

Professor of Geology

\*GILBERT FREDERICK LOEBS, M.A. (Springfield, Pittsburgh, Columbia);

Professor of Health and Physical Education; Registrar

\*\*GERTRUDE MALZ, PH.D. (Swarthmore, Wisconsin)

Visiting Professor of Classics

ALBERT ANTHONY MAVRINAC, PH.D.<sup>3</sup>, (Pittsburgh, Harvard) Professor of Government

\*\*Leonard Withington Mayo, B.A. (Colby)

Professor of Human Development

ROBERT WHITE PULLEN, PH.D. (Colby, Massachusetts Institute of

Technology), Professor of Economics

PETER JOSEPH RE, M.A. (Yale, Columbia)

Professor of Music

EVANS BURTON REID, PH.D. (McGill)

Merrill Professor of Chemistry

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

Professor of Biology

ROBERT EDWARD LEE STRIDER, II, PH.D. (Harvard)

Professor of English; President

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

tive Vice-President

WALTER HENRY ZUKOWSKI, PH. D., 6 (Clark)

Professor of Business Administration

#### ASSOCIATE PROFESSORS

CLIFFORD JOSEPH BERSCHNEIDER, M.A.<sup>1</sup>,<sup>8</sup> (Duquesne, Pittsburgh)
Associate Professor of History

ARCHILLE HENRI BIRON, M.A. (Clark, Middlebury, Paris)

Associate Professor of Modern Languages

MARJORIE DUFFY BITHER (MRS.), M.A. (Simmons, Columbia)

Associate Professor of Physical Education and Athletics

PHILIP STEWART BITHER, M.A. (Colby, Harvard)

Associate Professor of Modern Languages

KENNETH POND BLAKE, JR., M.A., M.S. (Brown, Boston, Simmons)

Associate Professor; Librarian

WALTER J. BROOKS, A.B. (Harvard), (Major, USAF)

Associate Professor (designated Professor) of Aerospace Studies

EILEEN MARY CURRAN, PH.D.<sup>8</sup> (Cornell, Cambridge, Cornell)

Associate Professor of English

JOHN MINOT DUDLEY, PH.D. (Massachusetts Institute of

Technology, U. of California at Berkley)

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

JOHN KEMPERS, PH.D. (Hastings, Nebraska, Syracuse)

Associate Professor of Modern Languages

FLORENCE ELIZABETH LIBBEY, B.A., B.S. in L.S. (Colby, Columbia)

Associate Professor; Associate Librarian

PAUL EWERS MACHEMER, PH.D. (Princeton, Pennsylvania)
Associate Professor of Chemistry

COLIN EDWARD MACKAY, PH.D. (Brown)

Associate Professor of English

WILLIAM ALEXANDER MACOMBER, B.A. (Colby)

Associate Professor; Director of Adult Education and Extension; Director of Roberts Union

EARLE ALTON McKEEN, M.ED. (Colby, Maine)

Associate Professor; Director of Placement and Director of Financial Aid

WILLIAM BLACKALL MILLER, PH.D. (Harvard, Columbia)

Associate Professor of Fine Arts

\*Ellsworth Willis Millett, M.A. (Colby, Columbia) Associate Professor of Health and Physical Education, Alumni Secretary

GEORGE THOMAS NICKERSON, M.A. (Colby, New York University)

Associate Professor of Education; Dean of Men

PAUL POWERS PEREZ, PH.D. (U.S. Coast Guard Academy, New

York University), Associate Professor of Psychology

WENDELL AUGUSTUS RAY, PH.D. (Bates, Harvard)

Associate Professor of Chemistry

HAROLD BRADFORD RAYMOND, PH.D.<sup>2</sup> (Black Mountain, Harvard) Associate Professor of History

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

HENRY OTTO SCHMIDT, PH.D.<sup>2</sup> (Ursinus, Pennsylvania, Boston U.) Associate Professor of Modern Languages

Frances Fenn Seaman (Mrs.), B.Mus. (Oberlin)

Associate Professor; Dean of Women

ARTHUR WILLIAM SEEPE, M.C.S. (Dartmouth, Amos Tuck)

Associate Professor of Business Administration; Treasurer

GORDON WINSLOW SMITH, M.A. (Boston University, Harvard)

Associate Professor of Modern Languages

NORMAN SWASEY SMITH, M.ED. (Tufts, Harvard)

Associate Professor of Education

IRVING DAVID SUSS, PH.D. (North Carolina, Columbia)

Associate Professor of Dramatics in the Department of English

JOHN HALE SUTHERLAND, PH.D.<sup>2</sup> (Swarthmore, Pennsylvania)

Associate Professor of English

ROBERT LEE TERRY, PH.D. (Earlham, Pennsylvania)

Associate Professor of Biology

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

GUENTER WEISSBERG, PH.D. (New York University, Columbia Law, Columbia)

Associate Professor of Government

\*Leon Palmer Williams, m.a. (Cortland Teachers, Columbia) Associate Professor of Physical Education and Athletics JOHN WORDE WINKIN, JR., ED.D. (Duke, Columbia) Associate Professor of Physical Education and Athletics FLOYD CELAND WITHAM, M.A.<sup>8</sup> (Colby, Stanford) Associate Professor of Speech in the Department of English LUCILLE PINETTE ZUKOWSKI (Mrs.), M.A. (Colby, Syracuse) Associate Professor of Mathematics

#### ASSISTANT PROFESSORS

Assistant Professor of English DAVID GORDON BRIDGMAN, PH.D. (Yale, Wisconsin, Harvard) Assistant Professor of History WILSON BERTRAM BROWN, PH.D. (Brown, Fletcher School of Law and Diplomacy) Assistant Professor of Economics HARRY ROWLAND CARROLL, M.A. (New Hampshire) Assistant Professor of Psychology; Dean of Admissions Francisco Antonio Cauz, M.A. (Villanova, Middlebury) Assistant Professor of Modern Languages George Leidigh Coleman II, M.A.<sup>8</sup> (Cornell, Kansas) Assistant Professor of Geology; Registrar

Patrick Brancaccio, M.A.<sup>8</sup> (Brooklyn, Ohio State)

\*Robert Stanley Cox, Ph.D.5 (U.C.L.A., Grenoble, Southern California); Assistant Professor of Modern Languages Ronald Barnard Davis, ph.d. (Grinnell, New Hampshire, Cornell); Assistant Professor of Biology ROBERT GEORGE DOEL, M.A. (Heidelberg, Kent State) Assistant Professor of Sociology SILAS BAILEY DUNKLEE, B.S. (New Hampshire) Assistant Professor of Physical Education George Saul Elison, M.A.<sup>8</sup> (Michigan) Assistant Professor of History HENRY ALBERT GEMERY, M.B.A. (Southern Connecticut, Harvard); Assistant Professor of Business Administration HOMER T. HAYSLETT, JR., M.S. (Bridgewater, Virginia Polytechnic) Assistant Professor of Mathematics

\*\* JOHN GARRETT HENNESSY, B.A. (Syracuse) (Capt. USAF) Assistant Professor of Aerospace Studies

\*\* JAN STAFFORD HOGENDORN, M.SC. (Wesleyan, London School of Economics)

Assistant Professor of Economics

CHARLES EDWARD HOLT, JR., B.A. (Dartmouth)

Assistant Professor of Health and Physical Education

Frederick Miner Hudson, B.D. (Kalamazoo, Colgate) Assistant Professor of Religion; Chaplain

YEAGER HUDSON, S.T.B.<sup>2</sup> (Millsap, Boston University)

Assistant Professor of Philosophy

WAYNE MAURICE JUDAH, PH.D. (Indiana)
Assistant Professor of Modern Languages

EARL AUSTIN JUNGHANS, M.S. (U.S. Naval Academy, Purdue)

Assistant Professor of Mathematics

YVONNE RICHMOND KNIGHT (MRS.), M.B.A. (Colby, Cornell)
Assistant Professor of Business Administration

\*\* JOHN KENYON, PH.D. (University of Edinburgh, McGill)

Assistant Professor of Psychology

DOROTHY MARIE KOONCE (MRS.), PH.D. (Cornell, Pennsylvania)

Assistant Professor of Classics

Howard Lee Koonce, m.a.8 (Dartmouth, Pennsylvania)

Assistant Professor of English; Administrative Assistant to the President

HUBERT CHRISTIAN KUETER, M.A. (Valparaiso, Michigan)

Assistant Professor of Modern Languages

GEORGE DOUGLAS MAIER, PH.D.<sup>8</sup> (Cornell, Iowa State) Assistant Professor of Chemistry

Francis Xavier Mathews, ph.D. (Fairfield, Wisconsin)

Assistant Professor of English

CHARLES ABBOTT MEADER, MFA (Dartmouth, Colorado)

Assistant Professor of Art

LEO T. MILLS, M.A. (Ohio, George Washington) (Major,

USAF)

Assistant Professor of Aerospace Studies

JOHN MIZNER, M.A.<sup>8</sup> (Antioch, Pennsylvania)
Assistant Professor of English

FRED BISHOP OTTO, PH.D. (Maine, Connecticut)
Assistant Professor of Physics

\*\*Francisco R. Perez, M.A. (Texas Western)

Assistant Professor of Modern Languages

HAROLD RICHARD PESTANA, PH.D. (University of California, University of Iowa); Assistant Professor of Geology

EUGENE PETERS, M.A.<sup>8</sup> (Bates, Harvard) Assistant Professor of Philosophy

\*Angela Mary Prowse, B.A. (hons.)<sup>5</sup> (Bedford, London)

Assistant Professor of Classics

CHARLES ROBERT QUILLIN, PH.D.<sup>8</sup> (Wabash, Brown)

Assistant Professor of Biology

JONAS OETTINGER ROSENTHAL, M.A.<sup>1</sup>, (Swarthmore, North Carolina)

Assistant Professor of Sociology; Administrative Assistant to President

JOHN BOONE SIMPSON, M.ED. (Boston University)

Assistant Professor of Physical Education and Athletics

\*\*LAUREN R. STEVENS, M.A. (Princeton, University of Iowa) Assistant Professor of English

ALEXEY TSURIKOV, M.A. (equiv.)8 (Ludwig Maximilian)

Assistant Professor of Modern Languages

VERNE R. ULLOM, B.S. (Cincinnati)

Assistant Professor of Physical Education and Athletics

WILLIAM CHARLES WEES, PH.D. (Northwestern, Rochester)

Assistant Professor of English

Kenneth Thomas Weinbel, M.S. (East Stroudsburg, Hofstra)

Assistant Professor of Physical Education and Athletics

Peter Westervelt, Ph.D. (Harvard)

Assistant Professor of Classics

- \*Merritte P. Woodard, Jr., B.A. (Hobart) (Capt. USAF) Assistant Professor of Aerospace Studies
- \*GLENN DORIN ZOHNER, PH.D. (Brigham Young, Massachusetts) Assistant Professor of Psychology
- \*Alexander Craig, m.f.a. (Melbourne, State University of Iowa) Visiting Lecturer in English
- \* Juan Pablo Ortega Mateos, Lic. en Artes (Madrid) Visiting Lecturer in Spanish

VISITING LECTURERS

\*\*K. J. Shah, M.A. (University of Bombay, Cambridge) Visiting Lecturer in Philosophy

**INSTRUCTORS** 

Priscilla Carol Allen, m.a. (New York University) Instructor in Modern Languages

\*HARRIET STOWELL BLAKE (MRS.), M.S. (Bates, Simmons) Instructor in Classics

- \*\* JENNIFER Brown (Mrs.), A.M. (Pembroke, Harvard) Instructor in Sociology
  - \*Ann H. Bundy (Mrs.), M.A. (Milwaukee-Downer, Wisconsin) Instructor in Modern Languages EDWARD JOSEPH BURKE, B.A. (Colby) Instructor in Physical Education
- \*\*RALPH THOMAS CLARKE, M.S. (Bowdoin, University of New Hampshire) Instructor in Biology

DANE JOSEPH COX, B.A. (Harpur)

Instructor in Economics

ADEL VERNA HEINRICH, M.S.M. (Flora Stone Mather, Union Theological) Instructor in Music

\*\*Lester Jay Humphreys, M.A. (Indiana State, University of Pennsylvania)

Instructor in History

ROBERT COOPER JACOBS, M.A. (City College of New York, Columbia); Instructor in Government

\*\*KAREN LOUISE JOHNSON, M.S. (Swarthmore, University of Illinois); Instructor in Biology HOWARD JAY LAMSON, M.A. (Colby, Middlebury) Instructor in Modern Languages

\* JOHN WALLACE LAWS, TH.M. (Swarthmore, Harvard) Instructor in Social Science

RAJINDAR SINGH LUTHAR, M.A. (University of Illinois) Instructor in Mathematics

EVERT MAKINEN, M.A. (Brandeis, Syracuse)

Instructor in Government

\*\* HARRIETT MATTHEWS, M.F.A. (Sullins Junior, University of Georgia); Instructor in Art Susan Jane McFerren, M.A. (Denison, Sarah Lawrence)

Instructor in the Dance in the Department of Physical

Education

\*\*Don Parry Norford, M.A. (Illinois, Columbia) Instructor in English

Yun-Tong Pan, M.A. (National Taiwan University, University of Massachusetts); Instructor in Government ELIZABETH ELLEN PESTANA (Mrs.), M.S. (Wisconsin) Instructor in English

\*\*DOROTHY SWAN REUMAN, M.A. (Wooster, Wisconsin) Instructor in Music

- \*\* JANET ELINOR SALTUS, B.A. (Carleton) Instructor in Modern Languages ELIZABETH FITZGERALD SAVAGE (Mrs.), B.A. (Colby) Instructor in English
- \*BARBRO MARIA SKLUTE (MRS.), FIL. KAND. (Stockholm) Instructor in Sociology
- \*LARRY M. SKLUTE, M.A. (Brooklyn, Indiana) Instructor in English
- \*\*Bruce Spiegelberg, M.A. (Brooklyn, University of California, Berkley); Instructor in English ROLAND W. THORWALDSEN, M.A., B.D. (Monmouth, University of California, Berkeley, Church Divinity) Instructor in Philosophy and Religion CLAIRE B. WADE, M.A. (State University of Iowa) Instructor in Modern Languages MARCIE ANN WEINBEL (Mrs.), B.S. (East Stroudsburg) Instructor in Physical Education and Athletics
  - \*Peter Oliver Welsh, M.B.A. (Harvard) Instructor in Business Administration
  - \*Leo Augustus Whelan, Jr., B.A. (Harvard) Instructor in Mathematics
- <sup>1</sup> On Leave, first semester, 1966-67 <sup>2</sup> On Leave, second semester, 1966-67

<sup>3</sup> On Leave, full year, 1966-67

- <sup>4</sup> On Leave, first semester, 1965-66
- <sup>5</sup> On Leave, second semester, 1965-66
- On Leave, full year, 1965-66 <sup>7</sup> Second semester, 1965-66 only
- <sup>6</sup> Promoted to listed rank, effective for the academic year 1966-67
- \* 1965-66 but not 1966-67
- \*\* Beginning September 1966

## FACULTY COMMITTEE ASSIGNMENTS 1965-66

(The President and the Dean of the Faculty are members ex officio of all committees; the first-named member of each committee is its chairman.)

#### ADMINISTRATIVE

President Strider; Dean Johnson; Vice-President Williams; Deans Nickerson and Seaman; Professors Benbow (66), Geib (67), and Terry (68); Assistant to the President, Mr. Dyer; and Administrative Assistant to the President, Mr. Koonce, Secretary to the Committee.

#### ADMISSIONS

Dean Johnson, Vice-President Williams; Deans Nickerson and Seaman; Professors Combellack (66), Schmidt (67), and Gemery (68); Dean of Admissions, Mr. Carroll; and Director of Placement and Financial Aid, Mr. McKeen.

AFROTC Professors Junghans, Holt, Millett, Perez, Reid, Suss, K. Weinbel; and Major Brooks, ex officio.

Professor Miller; Dean Johnson, Vice-President Williams; Pro-ARCHITECTURAL fessors Bundy, Gillespie, Hayslett, Kellenberger, Perez, Suss; and Mr. Whelan.

ATHLETICS Professors Geib, Kempers, Machemer, Raymond, Simpson, and Winkin.

Professors Wees, Blake, Hayslett, Y. Hudson, Westervelt; and BOOK OF THE YEAR Mr. Mizner.

Professors Curran, Meader, Seepe, Zohner; and Mr. Brancaccio. BOOKSTORE

Assistant to the Alumni Secretary, Mr. Farr; Vice-President Wil-COMMENCEMENT liams; Vice-President Turner; Professors Blake, E. Comparetti, Loebs, Macomber, Millett, Pullen, Simpson; Mr. Burke and Mr. Coleman; Assistant to the President, Mr. Dyer; College Editor, Mr. Robertson; Superintendent of Buildings and Grounds, Mr. Whalon; Director of Food Services, Mr. O'Connor, Banquet

Manager, Mr. Angwin; Director of Runnals Union, Mrs. Hamilton: a senior man and a senior woman.

Deans Nickerson, Seaman, and Carroll; Professor Davis; Mr. DISCRIMINATORY PRACTICES Peters, and Mrs. Weinbel.

Dean Johnson; Professors Combellack - substituting for L. EDUCATIONAL POLICY Zukowski (66), Raymond (66), Bundy (67), Chapman (67), Knight (67), Scott (67), Gillespie (68), Machemer (68), Wees (68); Administrative Assistant to the President, Mr. Koonce, Secretary to the Committee. (Professor Koons will substitute for Professor Scott in the first semester.)

Professors Koons, Clark, Gillum, Kellenberger, MacKay, Schmidt, SUBCOMMITTEE ON Scott, and Witham. FRESHMAN YEAR

Dean Johnson; Professors Gemery, Hickox, and Mathews. SUBCOMMITTEE ON JANUARY PROGRAM

Professors Gillespie, Combellack, R. Cox, Loebs, Mathews, EXAMINATIONS AND Meader, Ray, Winkin; and Assistant to the Registrar, Mr. SCHEDULE Coleman.

Dean Johnson, Vice-President Williams; Professors Breckenridge, FACULTY RESEARCH, TRAVEL, Carpenter, and Reid. AND SABBATICALS (Professor E. Comparetti will substitute for Professor Carpenter in the second semester.)

Vice-President Williams; Deans Nickerson and Seaman; Treasurer, Mr. Seepe; Dean of Admissions, Mr. Carroll; Director of Placement and Financial Aid, Mr. McKeen; Professors Biron (66), Machemer (67), Y. Hudson (68), and Sutherland (68).

FOREIGN STUDENTS AND Professor Easton; Deans Johnson, Nickerson, and Seaman; Professor STUDY fessors Berschneider, P. Bither, Cauz, Curran, G. Smith; Mr. Brancaccio; and Registrar, Professor Loebs.

Assistant to the Dean of Admissions, Mr. Tolette; Deans Johnson, Nickerson, and Seaman; Treasurer, Mr. Seepe; Professors M. Bither, and Woodard; Miss Heinrich; Director of Placement and Financial Aid, Mr. McKeen; Registrar, Professor Loebs; Director of Roberts Union, Professor Macomber; Director of Food Service, Mr. Russell.

GRADUATE SCHOLARSHIPS Dean Johnson; Professors Bancroft Berschneider, P. Bither, A. Comparetti, Fairley, D. Koonce, Terry, and Todrank.

HONORARY DEGREES Professors Carpenter, Bancroft, Birge, Breckenridge, Hickox, Millett, Re, G. Smith, and Sutherland.

LIBRARY Professors Benbow, Blake, Davis, Judah, Kempers, Libbey, Westervelt, and Witham.

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

COLLEGE TEACHING Professors A. Comparetti, Birge, and Gemery.

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Brookline Mrs. Richard P. Vacco (Marjeanne Banks '62) 45-A Atherton Road

Cambridge Miss Pamela Taylor '62 84 Prescott Street Apartment 25

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Danvers Mr. Robert S. Lee '51 Hotwatt Inc. 128 Maple Street

Dorchester Mr. Leon T. Nelson '60 21 Hutchings Street

East Northfield Miss Mary Adams '58 Holton Hall Northfield School for Girls

Edgarto vn 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. Brolli '59 Mrs. Robert E. Brolli '62 (Marcia Eck) R.F.D. 3 - Alford

Hanover Mr. Edgar Boardman '61 Mrs. Edgar Boardman '61 (Nancy Cunneen) 159 East Street

Haverhill Miss Edith E. Emery '37 59 Chandler Street

Lincoln Mr. Malcolm L. Donaldson, Jr. '66 Trapelo Road

Manchester Mrs. Daniel F. Daley (Hilda Brown '61) 49 Forest Street

Marblehead Mrs. Richard B. Canton (Marilyn Perkins '58) 46 Beach Streat

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. '52 (Deborah Brush) 26 Washington Avenue

Peabody Mrs. Richard Hampton (Eugenie Hahlbohm '55) 1 Lewis Circle

Mr. Richard A. Vose '51 2 Livingston Drive

South Duxbury Mr. Richard G. Lucier '60 Chestnut Street

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

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

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Mr. Stuart Rakoff '65 3601 Bloomington Avenue South

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Franconia Mr. David O'Neil '54 Director of Business Franconia College

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Madison Mr. Roy V. Shorey, Jr. '59 56 Niles Avenue

Mountain Lakes Mr. Joseph O. Denis '52 15 York Road

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Mr. Curtis L. Hemenway '42 Dudley Observatory 140 South Lake Avenue

Mrs. John H. P. Holden (Janet Jacobs '45) 168 Chestnut Street

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Mr. C. MacDonald Grout '54
Mrs. C. MacDonald Grout '56
(Eleanor Edmunds)

Buffalo Mr. Francis J. Silver '51 331 Parkhurst Boulevard

Castleton-on-Hudson Mr. Kenneth Van Praag '55 14 First Street

Fairport Mr. Ormande Brown '51 235 South Main Street

Freeport, L. I.
Mrs. Harry Hodum
(Ruth Veit '62)
194 Smith Street

Garden City, L. I. Mr. Patterson Small '47 101 Wyatt Road

Latham Mr. Lawrence Pugh '56 12 Holly Lane

Manhasset, L. I. Mr. M. Colby Tibbetts '45 15 Ridge Circle

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Mrs. Douglas Bevin
(Cynthia Gardner '58)
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Miss Jean Gaffney '62 180 Thompson Street Apartment 5C

Mr. Edwin Roy Eisen '54 654 Madison Avenue

Miss Marsha F. Palmer '63 435 East 79th Street

Miss Judith Spear '60 411 East 53rd Street

Miss Helen Strauss '45 240 East 79th Street

Mr. David Thaxter '62 16 West 16th Street Apartment 4 DN

Mr. Henry Wingate '61 520 East 86th Street

Peekskill
Mrs. Timothy Crane
(Louise Hahlbohm '61)
Watch Hill Road

Pittsford Mr. Donald Butcher '44 67 Reitz Parkway

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Dr. Libby Pulsifer '21
16 North Goodman Street

Mrs. Pieter Punt (Beryl Baldwin '53) 55 Lincoln Mills Road

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

Schenectady
Miss Coral Crosman '63
206 Union Street

Shoreham, L. I. Mr. William C. Droll '60 Box 322

Syosset, L. I. Dr. Anthony Arthur '54 36 Whitman Avenue

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Mrs. James McIntosh
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Cleveland Miss Dorothy Nyman '54 2546 Kenilworth Road

Columbus Mr. Frederick W. Ziegler '52 3082 Elbern Pittsburgh

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Headmaster

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Mrs. David T. Scheele

(Frances Buxton '59)
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Mr. Bruce Davey '65
Mrs. Bruce Davey '64
(Margaret Chandler)
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Cambridge

Mr. Frank L. Wiswall, Jr. '62

Mrs. Frank L. Wiswall, Jr. '62

(Priscilla Gwynn)

29 Nightingale Avenue

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# Enrollment by States and Countries

CLASSIFIED ACCORDING TO GEOGRAPHICAL LOCATIONS OF STUDENTS' HOMES 1965-66

ENROLLMENT	Total	Men	Homen
ALL AREAS	1450	811	639
TINTEEN SEEA TOLE			
UNITED STATES			
Alabama	1	-	1
Arkansas	1	1	
California	7	5	2
Colorado	1	_	i
Connecticut	170	87	63
Delaware	1		ī
District of Columbia	3	1	2
Florida	()	.3	6
Hawaii	9	1	2
Illinois	1 1	3	8
Indiana	3	2	1
Iowa	1	-1-	1
Kentucky	1	1	
Maine	202	1 4 1	171
Maryland	17	7	1 + 1
Massachusetts	1111	250	; (1)
Michigan	1	ı	.3
Minnesota	5	4	;
Missouri	3	2	1
New Hampshire	7;	39	34
New Jersey	47	55	4
New York	156	101	5.4
North Carolina	2		2
North Dakota	1	-	1
Ohio	2.2	1 1	11
Pennsylvania	-1-1	14	2.5
Rhode Island	28	1 i	17
Tennessee	2	1	1
Texas	1	-	,
Virginia	10		
Washington	3		
7411	7.1		

Wisconsin

	Total	Men	Women	
OUTSIDE THE UNITED				
STATES	30	21	9	
Africa	1	1	_	
Brazil	1	-	ı	
Canada	5	5	-	
Columbia	1	1	_	
France	2	2		
Germany	1	1	-	
Circur	1	****	1	
Hong Kong	2	1	1	
Ivory Coast	i	1		
Lipan	1	1		
Jordan	1	1		
Lebanon	2	2		
Malawi	i		1	
Mexico	2	1	1	
Morocco	1	1		
Newformelland	1	1	-	
Norman.	1		1	
Switzerland	1	_	1	
5)11.1	1	i	-	
Lanzania		1	1	
Limidad	1		1	
Lurkey	1	1		



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