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COLBY COLLEGE BULLETIN

Catalogue Issue May 1975

1/76

COLBY COLLEGE BULLETIN

Annual Catalogue Issue, May 1975

WATERVILLE, MAINE

Inquiries to the college should be directed as follows:

ACADEMIC COUNSELING	OFFICE OF THE DEAN OF STUDENTS
ADMISSION	HARRY R. CARROLL, <i>Dean of Admissions</i>
ADULT EDUCATION AND SUMMER PROGRAMS	ROBERT H. KANY, <i>Director of Special Programs</i>
BUSINESS MATTERS	DANE J. COX, <i>Treasurer</i>
CENTER FOR COORDINATED STUDIES	E. PARKER JOHNSON, <i>Director</i>
HEALTH AND MEDICAL CARE	CARL E. NELSON, <i>Director of Health Services</i>
HOUSING	OFFICE OF THE DEAN OF STUDENTS
JANUARY PROGRAM	ROBERT H. KANY, <i>Director of Special Programs</i>
RECORDS AND TRANSCRIPTS	GEORGE L. COLEMAN II, <i>Registrar</i>
SCHOLARSHIPS, EMPLOY- MENT, AND PLACEMENT	SIDNEY W. FARR, <i>Director of Financial Aid and Career Counseling</i>

Mailing address: Colby College, Waterville, Maine 04901.
Telephone: (207) 873-1131.

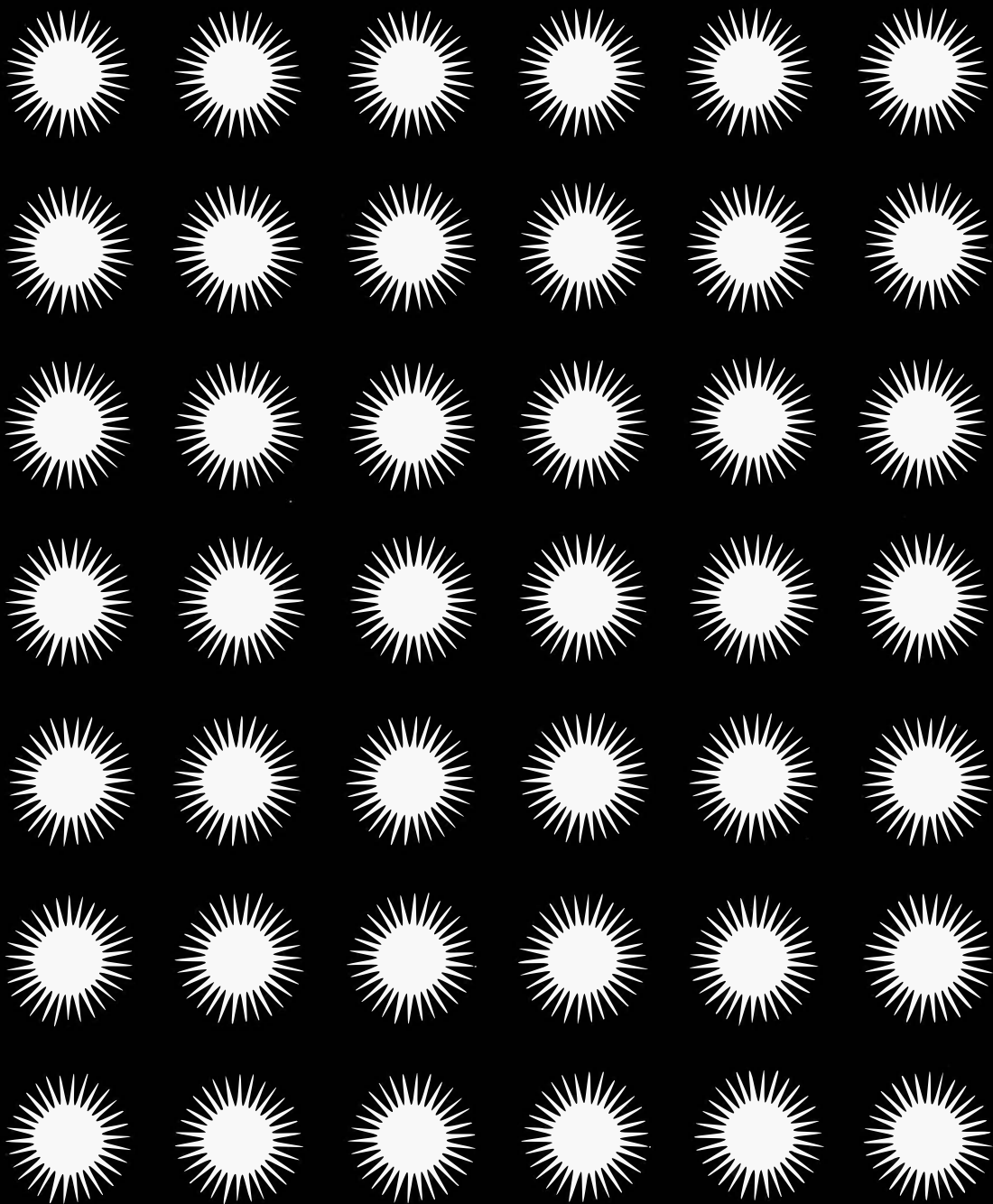
A booklet, COLBY, with illustrative material, has been prepared for prospective students and may be obtained from the dean of admissions.

The New England Association of Schools and Colleges accredits schools and colleges in the six New England states. Membership in one of the six regional accrediting associations in the United States indicates that the school or college has been carefully evaluated and found to meet standards agreed upon by qualified educators. Colleges support the efforts of public school and community officials to have their secondary school meet the standards of membership. Colby College is an equal opportunity employer with an affirmative action program.

SERIES 74
NUMBER 3
MAY 1975

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I General Information



I GENERAL INFORMATION

- 6 ADMISSION
- 10 FEES AND FINANCIAL AID
- 19 THE ACADEMIC PROGRAM
- 36 ORIENTATION FOR FRESHMEN
- 38 STUDENT LIFE AND ACTIVITIES
- 48 THE CAMPUS
- 50 THE LIBRARY
- 51 COLBY YESTERDAY AND TODAY

Colby College

2684

CORPORATE NAME	The President and Trustees of Colby College.
LEGAL BASIS	Chartered as Maine Literary and Theological Institution by the General Court of Massachusetts, February 27, 1813. First classes, 1818. Authorized to confer degrees by the first legislature of Maine, June 19, 1820. First Commencement, 1822. Name changed to Waterville College, February 5, 1821; changed to Colby University, January 23, 1867; changed to Colby College, January 25, 1899.
FUNCTION	Independent college of liberal arts for men and women (women first admitted, 1871); nonsectarian, founded under Baptist auspices.
DEGREE CONFERRED	Bachelor of Arts.
ENROLLMENT	1,629.
FACULTY	134 full- and part-time.
ENDOWMENT	\$24,546,814 (market value as of June 30, 1974).
LIBRARY	322,000 volumes and 17,000 microtexts; 1,100 current subscriptions to periodicals.
ACCREDITATION AND MEMBERSHIPS	Accredited by the New England Association of Schools and Colleges and the American Chemical Society. Member of the College Entrance Examination Board, the Association of American Colleges, the American Council on Education, and The Research Institute of the Gulf of Maine. Colby is a corporate member of the American Association of University Women and has a campus chapter of the American Association of University Professors. The Colby chapter of Phi Beta Kappa was founded in 1895.
LOCATION	Waterville, Kennebec County, Maine; population 19,000. Industries: textiles, paper, molded wood-pulp products, shirts, plastics. Bus service: Greyhound Lines. Robert LaFleur Airport served by Air New England. On U.S. Interstate Highway 95, connecting with Maine Turnpike at Augusta.

Admission

Colby College admits students as candidates for the degree of bachelor of arts. Admission is selective, and evaluation includes data concerning academic achievement and ability, as well as qualities of intellectual promise, interest and excitement in learning, character, and maturity.

The college actively seeks applicants who have special qualities or talents to contribute to the Colby community, as well as those who represent diverse geographical, racial, and economic backgrounds. Such candidates are expected to be within acceptable ranges of academic ability and preparation. No person is excluded on grounds of race, religion, or national origin.

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

To ensure a common educational base, a minimum of sixteen academic preparatory units is recommended, including: English 4, foreign language 2, college preparatory mathematics 3, history or social studies 1, science (laboratory) 1, college preparatory electives 5.

APPLICATION PROCEDURE

(1) Candidates submit applications provided by the admissions office prior to February 1 of the year admission is desired. A nonrefundable fee of \$20 accompanies each application.

(2) Colby grants early decision to well-qualified candidates under a common early-decision program subscribed to by a number of colleges. Applicants submit application papers, junior SAT's, and three achievement tests prior to November 1, including a statement that Colby is the student's first choice, that early decision is requested, and that the candidate will enroll if admitted, provided that adequate financial aid as determined by the Parents' Confidential Statement is granted. Early decision candidates may file regular applications to other colleges with the understanding that these will be withdrawn if the candidate is accepted on an early decision basis by Colby.

College notification of action is normally given no later than December 15, and successful candidates are ex-

empted from further admissions tests except for placement purposes. Successful applicants for financial aid are notified of the amount of the award at the time of acceptance, provided the financial aid forms are complete. Candidates who are not approved for early decision are deferred to the college's regular admission plan and are reviewed without prejudice at the usual time in the spring.

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

(4) The schedule for admission applicants is:

November 1: Deadline for filing for early decision and financial aid for early decision applicants.

December 15: Notification of decisions on early decision applications.

February 1: Deadline for filing applications for regular admission and financial aid.

Mid-April: Notification of actions by admissions committee to regular applicants.

May 1: Accepted applicants confirm intention to attend Colby by payment of a nonrefundable advance tuition deposit of \$100.

TESTS

All candidates are asked 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 no later than December or January of the senior year. The achievement tests should include English composition; the others may be of the candidate's choice. A language achievement test for placement purposes may be submitted any time prior to registra-

tion in September. A score of sixty on the language test meets the college language graduation requirement.

ADVANCED STANDING

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

EARLY ADMISSION

A small number of students are admitted each year without completing the senior year of secondary school. This is done only upon the recommendation of the secondary school and when a candidate has exhausted the educational opportunities at the school. Considerations of academic and personal maturity are important to the candidate and to the college in earlier-than-usual admission.

**TRANSFER STUDENTS
AND VETERANS**

First consideration in admission is for freshmen, but some transfer students are accepted each year. Admission by transfer is normally limited to students with satisfactory academic and personal records from accredited colleges or universities.

Transfer application forms, including a special recommendation form, may be obtained from the admissions office. Credits from accredited institutions are generally accepted for courses comparable to ones offered at Colby in which grades of C or better are received. No more than sixty transferred credit hours may be applied toward a Colby degree.

Veterans may request advanced standing consideration for completion of service schools or USAFI courses in advance of matriculation. Credit is not granted for military service or College Level General Educational Development Tests.

**NONMATRICULATED
STUDENTS**

Subject to limitation of enrollment in individual courses and the consent of the instructors, the college permits

adults to enroll as nonmatriculated students. Such persons must present evidence that they are qualified to pursue the intended courses and pay the fee of \$115 per credit hour. Admission of nonmatriculated students is the responsibility of the dean of admissions.

HEALTH CERTIFICATE

Before matriculation, each student must present a satisfactory health certificate signed by a physician, including evidence of tetanus toxoid immunization and chest X rays. It is recommended that polio immunization be completed prior to entrance. Preregistration cannot be guaranteed unless all required forms are received two weeks prior to registration.

Fees and Financial Aid

ANNUAL STUDENT CHARGES 1975-76	Tuition	\$3,000
	Board	810 ¹
	Room	500
	Dormitory Damage Deposit	15 ²
	General Fee	190
		\$4,515

CALENDAR OF PAYMENTS 1975-76	<i>Upon acceptance for admission</i>	Admission deposit—freshmen	\$ 100
	<i>July 1</i>	Attendance deposit for first semester—upperclassmen	\$ 200
FIRST SEMESTER	<i>On or before August 31</i>	One-half of annual student charges for tuition, board, and room, plus the dormitory damage deposit and the general fee for the year	\$2,360 ³
		<small>(Note: Admission, attendance, and room deposits as paid may be deducted from this first semester payment; applicable miscellaneous charges should be included with the first semester payment.)</small>	
	<i>December 1</i>	First semester statement (follow- ing pages)	
	<i>December 1</i>	Attendance deposit for second semester—all students	\$ 100
SECOND SEMESTER	<i>On or before January 20</i>	One-half of annual student charges for tuition, board, and room	\$2,155 ⁴
		<small>(Note: Second semester attendance de- posit as paid may be deducted from this second semester payment; applicable mis- cellaneous charges should be included with the second semester payment.)</small>	
	<i>April 15</i>	Second semester statement	
	<i>April 15</i>	Room deposit for first semester of the following year	\$ 50

PAYMENTS MUST BE MADE IN ACCORDANCE WITH THIS CALENDAR OF PAYMENTS WHETHER OR NOT REMINDER NOTICES ARE RECEIVED FROM THE COLLEGE.

¹Increases in food costs may necessitate an adjustment in the board charge.

²The dormitory damage deposit does not apply to residents of fraternity houses.

³Students who are permitted to eat or live off campus may deduct \$405 for board or \$265 for room and dormitory damage deposit from the amount due in advance of the first semester.

⁴Students who are permitted to eat or live off campus may deduct \$405 for board or \$250 for room from the amount due in advance of the second semester.

FEES AND CHARGES

EXPLAINED

DEPOSITS *Admission Deposit—Freshmen:* A nonrefundable deposit of \$100 is due on or before the date for confirmation of intention to attend. This deposit is deductible from the first semester payment due August 31.

Room Deposit: All upperclass students must, in order to reserve a room for the first semester of the following college year, make a \$50 deposit on or before April 15. This deposit will be forfeited if the student does not return to college, unless the room reservation is withdrawn on or before July 1.

Attendance Deposit for First Semester: A nonrefundable deposit of \$200 is required of all upperclass students on or before July 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 satisfies this requirement.

Attendance Deposit for Second Semester: A nonrefundable deposit of \$100 is required of all students on or before December 1 each year. Room reservations and places in their respective classes will not be held for students failing to make this deposit. The attendance deposit of a student who does not return to Colby will be retained as a credit on the student's account for one year. If the student does not return the following year, the amount of the deposit will be forfeited.

ADVANCED PAYMENTS *Tuition:* The tuition charge is \$1,500 per semester for schedules of nine to eighteen credit hours and must be paid

prior to each semester in accordance with the calendar of payments. For schedules of fewer than nine hours and for hours in excess of eighteen, the tuition charge is \$115 per credit hour. The tuition charge for hours in excess of eighteen will be included in the semester statement. Non-matriculating students will be charged at the rate of \$115 per credit hour.

Board: Board in college dining halls is charged at the rate of \$405 per semester. (Increases in food costs may necessitate an adjustment in the board charge.) Payment must be made prior to each semester in accordance with the calendar of payments. All students living on campus are required to pay the board charge to the college.

Room: The room charge in college dormitories is \$250 per semester, payable prior to each semester in accordance with the calendar of payments. Students are expected to occupy college housing facilities to the full extent of their availability. Other arrangements may be made only with specific approval of the dean of students. Dormitory reservations are made through the office of the dean.

Dormitory Damage Deposit: All students living in college dormitories must pay a \$15 deposit prior to the first semester in accordance with the calendar of payments. All expenses resulting from damage to or loss of college property in the public areas of the dormitories (lounges, hallways, etc.) will be charged against these deposits except in cases where the responsible students can be identified. The unused portion of these deposits is refunded on a prorated basis at the end of the year. Liability for damage to or loss of college property located within individual dormitory rooms lies with the resident(s) of that room. Students living in college dormitories are required to enter into a room contract covering this liability.

General Fee: The general fee is \$190 for the year and is payable in full prior to the first semester in accordance with the calendar of payments.

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

Health Services: The general fee (compulsory for all stu-

dents) also supports the college health services. Free service in the Sherman M. Perry Infirmary is provided during the regular academic year. Included in the general fee is sickness and accident insurance, which the college covers by separate contract with an insurance carrier. Nonboarding students are charged \$5 per day for meals in the infirmary. There may be additional charges for special diets ordered by the college physician.

SEMESTER STATEMENTS Charges for miscellaneous items not paid prior to registration are included on semester statements issued December 1 and April 15. Included are charges for extra credit hours, chemistry laboratory fee, fraternity fee (see below), etc.

MISCELLANEOUS *Extra Credit Hours:* The fee for each semester hour in excess of eighteen hours per semester is \$115 per hour.

Chemistry Laboratory: A fee of \$20 per course is charged. Students enrolled in chemistry courses are also required to pay for excessive breakage or loss of apparatus.

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

Applied Music: All students receiving musical instruction for academic credit under the applied music program are charged a fee of \$60 for a one-credit course and \$100 for a two-credit course.

Developmental Reading: A \$25 fee is charged for the developmental reading course.

Telephone: Telephones are located in each room of the following dormitories and fraternity: Dana, Taylor, Sturtevant, and KDR. Each student living in these housing facilities is charged a fee of \$8.75 for the first semester and \$7 for the second semester for use of these telephones.

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 \$1 for each transcript after the first. Official college transcripts are not delivered to students. A student may have an unofficial transcript upon request; the same regulations and fee apply.

PAYMENT OF BILLS Tuition, board, room, dormitory damage deposit, general fee, and any other financial obligation to the college must be paid in full in accordance with the **CALENDAR OF PAYMENTS** (see previous pages) 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.

Plans providing for monthly payments at moderate cost are available through the Insured Tuition Payment Plan, 53 Beacon Street, Boston, Massachusetts 02108, and Academic Management Services, Inc., 170 Broadway, Pawtucket, Rhode Island 02860.

The treasurer cannot permit deferred payment of any portion of the charges due prior to registration. 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 In case of voluntary withdrawal, refund may be made of the balance of a student's account in excess of charges. Tuition, board, and room rent are charged according to the following schedule:

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

A prorata charge for tuition, room, and board will be made to students who withdraw upon advice from the college physician.

Revised charges for students withdrawing from college will be paid from the following sources in this order: (1) from payments made by the student or the student's parents, (2) from outside scholarships and loans, if any, (3)

from Colby loans and National Direct Student Loans, if any, (4) from Colby financial aid, if any. Any Colby aid not needed to cover revised charges will be removed from the student's account and not refunded.

Refunds of federally insured loans are made in accordance with government regulations.

Whenever a student is required to withdraw because of unsatisfactory conduct, no refund will be made.

No refunds will be made to withdrawing students until the withdrawal process is completed.

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

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

Information concerning the status of a student's account may be obtained from the treasurer's office upon request.

FINANCIAL AID

Colby currently awards over one million dollars annually in the form of scholarships, loans, and campus employment to its students having financial need. A member institution of the College Scholarship Service (Princeton, New Jersey), Colby requires each financial aid applicant to submit a Parents' Confidential Statement, the analysis of which determines individual student need within the context of the college's financial aid policy and schedule of student fees. Most accredited colleges and universities utilize the College Scholarship Service method of need analysis. Accordingly, the amount of expected parental and student contribution does not vary appreciably among colleges.

The primary obligation of financing a college education rests with the family of the student. Financial aid is a

privilege extended by the college to augment the family resources and ease the burden of the needy student. Due to fund limitations, awards to entering freshmen are necessarily granted by the financial aid committee on a competitive basis. No applicant is denied aid on the basis of race, religion, or sex. An applicant must first be admitted to Colby before his financial aid application is considered.

Colby's financial aid policy emanates from the financial aid committee of the college.

Financial aid at Colby, as at most colleges and universities, combines gift scholarships and self-help.

GIFT SCHOLARSHIPS Gift scholarships, in the form of grants, total over \$850,000 and are derived from endowment income, gifts made possible by the generosity of alumni, trustees, friends of the college, and foundations, as well as current income and federal government Supplemental Educational Opportunity Grants. (Only Kling scholarships for male descendants of Colonial America require special application beyond the Parents' Confidential Statement, although Kling applicants must qualify on the basis of need, as well as verifiable ancestry.)

TRAVEL ASSISTANCE Travel assistance is awarded to financial aid recipients, the amount to be established by the financial aid committee according to available funds. Travel assistance is credited directly to the student's account and may not be received as cash unless a surplus remains in a student's account after all college bills are paid. Travel assistance is intended to release family funds normally allocated for college expenses, making those funds available for student travel expenditures.

SELF-HELP, CAMPUS EMPLOYMENT Self-help consists of low-interest student loans and/or campus work opportunities. Current financial aid policy describes freshman self-help as the first \$800 of total need. For upperclassmen, the first \$800 of need is self-help, and approximately \$75 in additional self-help is required for each \$250 of remaining need, to a possible maximum self-help of \$1,400. A minimum need of \$1,000 is required for Colby gift scholarship award eligibility.

Financial aid recipients with larger self-help responsibility are offered the opportunity to assume one of the approximately 300 campus jobs assigned through the financial aid office. Campus student work positions ordinarily do not exceed 10 hours per week and, in any case, are governed by available hours in the employing department and the student's academic schedule. Generally, freshmen are not offered campus jobs. The freshman self-help requirement is kept purposely low to reduce the necessity for a job, thus permitting more time for study and adjustment to college life.

WORK-STUDY PROGRAM While a student may earn up to \$500 per year, the average is usually about \$375. As part of its student work opportunities, Colby administers a limited federal work-study program with funds appropriated to the college by the federal government. Pay for work-study jobs with non-profit institutions, including the college and off-campus agencies, varies according to the skill and experience of the employee but is never less than the legal minimum wage.

LOANS Loans are becoming a significant part of educational financing; most financial aid recipients will probably need to borrow under one of several excellent loan programs.

Many states administer guaranteed loans for students. Application is normally made through the applicant's hometown bank. State Guaranteed Loans, which are federally insured and bear seven percent simple interest, have lenient repayment schedules, beginning nearly a year after the completion of college. For students eligible for such loans under the federal regulations, interest is paid by the federal government until post-college repayment begins.

National Direct Student Loans, administered by the financial aid office, are designed to help students with a higher level of financial need. Available loan monies are contingent upon existing repayment experience and federal fund allocations. NDSL loans accrue three percent simple interest and have many of the same repayment features as the State Guaranteed Loans described above. Interest payments are paid by the federal government while the student is in school.

Earnings from summer jobs do not qualify as self-help but are considered a part of the annually evaluated family contribution. Students are expected to use these earnings to defray college expenses as follows: prefreshman male, \$550; sophomore, \$650; junior and senior, \$750. Women are expected to earn \$100 less than men each year. Students experiencing shortfalls in expected summer earnings must meet this obligation through the arrangement of loans or other forms of assistance. The college will do all it can to assist students along these lines.

APPLICATIONS Applicants for admission and financial aid arrange to have a completed Parents' Confidential Statement or, for qualifying independent students,¹ the Student Financial Statement (obtainable at most high school guidance offices), mailed to the College Scholarship Service in Princeton, New Jersey, by January 1 of the academic year preceding admission. Students applying for early decision and financial aid should have their Parents' Confidential Statement form filed as early as possible in the fall of the academic year preceding admission. Upperclass students' parents file the PCS form annually in March.

¹Independent student status guidelines follow current federal regulations, available on request from the financial aid office.

The Academic Program

DIVISIONS OF INSTRUCTION The courses in the curriculum are classified under four divisions. In the Division of Humanities are art, classics, English, modern foreign languages, and music. The Division of Social Sciences includes administrative science, economics, education, government, history, philosophy, psychology, religion, and sociology. In the Division of Natural Sciences are astronomy, biology, chemistry, geology, mathematics, and physics. The Division of Physical Education and Athletics, besides offering courses, administers the intercollegiate athletic and intramural sports programs.

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

THE STUDENT'S PROGRAM The student at Colby normally takes from twelve to eighteen credit hours in each semester.

To assure distribution among the divisions mentioned above, students must include English composition and literature, a foreign language (unless exempted by examination), and courses to meet "area" requirements in the humanities, social sciences, and natural sciences. Programs are usually planned so that the majority of these requirements are met within the first two years, leaving the junior and senior years for "major" concentration and for free electives.

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 declared his 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. The programs of individual students may vary widely because there is considerable latitude within the requirements. The student preparing for a scientific career or the study of medicine will begin electing scientific subjects at once. Many major departments in both the natural and social sciences recommend mathematics for the freshman year. Whatever his inclina-

tions, each student should discuss his prospective program with his adviser, noting carefully the recommendations and requirements of areas in which he might later wish to major.

GRADUATION
REQUIREMENTS

To qualify for the degree of bachelor of arts, a candidate must meet specific requirements in quantity, quality, distribution, and concentration, and must also complete a January program for every first semester in residence to a maximum of four.

QUANTITY A minimum of 120 semester credit hours, at least 105 of which must be earned in conventionally graded academic courses. The remaining fifteen credits may be earned in (1) conventionally graded courses, (2) courses graded on a pass/fail basis, or (3) independent, noncurricular field experience that has a direct, demonstrated relationship to the student's curricular program and which has been approved in advance by the appropriate departmental committee.

● **QUALITY** A minimum of 210 quality points in 105 credit hours earned in conventionally graded academic courses. For each credit hour, a mark of *A* entitles the student to four points, a mark of *B* to three points, a mark of *C* to two points, and a mark of *D* to one point. No points are given for marks below *D*. Two points are awarded for each hour of *Cr.* in specifically designated nongraded courses.

DISTRIBUTION
REQUIREMENTS

I ALL COLLEGE REQUIREMENTS

- A. *English Composition and Literature*: Six credit hours. This requirement will be met by English 115 and English 152.
- B. *Foreign Language*: A basic knowledge of one ancient or modern foreign language. This requirement may be met in one of four ways:
 - (1) Giving evidence of satisfactory achievement in a foreign language taught at Colby by attaining before entrance a score of sixty in a College Entrance Examination Board foreign language achievement test.
 - (2) Successful completion of three credit hours in

courses numbered above 113 in an ancient or modern foreign language offered at Colby College, with the exception of critical language courses numbered 191, 192, 193, and German 117.

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

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

II AREA REQUIREMENTS

A minimum of six credit hours in each of the areas described in III below. Three of the credit hours in the natural sciences must involve laboratory experience.

III AREAS

A. HUMANITIES: LIST OF SUBJECTS

Art

Classics (except Ancient History)

English (except 111, 112, 115, 152, and 171)

Greek

Latin

Modern Languages (above the intermediate level)

Music

Philosophy and Religion (certain courses: Religion 223, 224, 321, 322, 351, 352, 353, and 358; Philosophy 313, 355, 356, and 372; philosophy and religion seminars when topics are relevant)

B. NATURAL SCIENCES

Astronomy

Biology

Chemistry

Geology

Mathematics

Physics

C. SOCIAL SCIENCES

Administrative Science

Ancient History

Economics

Education

Government

History

Philosophy and Religion (except courses listed among
the humanities)

Psychology

Sociology

PHYSICAL EDUCATION Completion of freshman physical education requirements and the passing of a minimum swim test are required for graduation.

RESIDENCE Candidates for the degree must earn at least sixty credit hours, including fifty-three in conventionally graded academic courses. They must be resident students at Colby for at least four semesters, including the last two semesters before graduation. A resident student is defined as a full-time student taking at least twelve credit hours.

Credits earned at another institution while concurrently registered at Colby may not be applied toward graduation requirements.

EXEMPTION BY EXAMINATION When appropriate, either all college or area requirements, as well as certain requirements for the major, may be absolved by examination without course enrollment, at the discretion of the department concerned. No credit hours accrue from such examinations.

OPTION FOR CERTAIN STUDENTS A student returning to college after an absence must meet any new requirements for graduation if he still needs more than one-half of the total number of credit hours required for graduation. If he still needs no more than one-half of the total number, he may meet either the new requirements or those 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.

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*.

With the consent of the departments concerned, a student may change his major. Forms for officially effecting such change must be obtained from and returned to the registrar's office.

Any student whose cumulative points in courses completed toward the major fall below a certain scale loses his right to continue with that major. The required scale is as follows: 1.5 grade point average for the first two courses; two points for each credit hour thereafter.

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

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

INTERDEPARTMENTAL
MAJORS

Approved interdisciplinary majors are offered in the following areas:

American Studies	Studies in Human Development
East Asian Studies	
Environmental Studies	Studies in Western Civilization

In addition, combined majors are offered in the following areas:

Administrative Science- Mathematics	Geology-Chemistry
Classics-English	Philosophy-Mathematics
Classics-Philosophy	Philosophy-Religion
Economics-Mathematics	Physics-Mathematics
Geology-Biology	Psychology-Mathematics

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 1961-62, Colby introduced an educational experiment with its January Program of Independent Study. Course 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.

Students from all four classes may enroll in "group" projects. Methods of conducting these programs differ from instructor to instructor, but each student works on a single project or problem throughout the period. Free from the conflicting demands of the usual schedule, he may pursue his thoughts and research 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.

Freshmen and sophomores wishing to undertake an individualistic January topic outside the regular group offer-

ings may do so provided their topics are accepted for direction by a faculty member who will be “on” in the January period when it is to be carried out, and provided that the topics are approved by the committee on special programs.

Individual January programs for juniors and seniors follow a different procedure. If a student chooses to work within his major, his program is registered with the assistant to the dean of faculty, who administers the January program, but details are arranged through the major department. For projects carried on outside the major subject area, approval by the committee on special programs is required in the same manner as for freshman and sophomore individual plans.

Some projects may be carried on away from the campus, using facilities available at other centers, at laboratories, museums, or libraries. Each project, on or away from campus, must have departmental or committee approval, and each student is wholly responsible for meeting his obligations.

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.” To be eligible for graduation, each student must successfully complete one January program for every first semester in residence, to a maximum of four.

SENIOR SCHOLARS

A limited number of senior scholars, selected by a faculty committee, devote a major part of their time to approved scholarly subjects. Each senior scholar pursues this work under the guidance of a faculty member, and a scholar may earn six credit hours per semester.

CENTER FOR COORDINATED STUDIES

The Center for Coordinated Studies is an experimental unit whose existence at Colby dates from 1969. It has three declared objectives: (1) to create, through interdepartmental programs of study, more coherent patterns for a liberal arts education, (2) to create and sustain a greater degree of responsiveness between students and faculty in the design

and conduct of the curriculum, and (3) to create a more pervasive learning environment for students.

The center has not aspired to become a “college within a college” with its own distinctive program and student body. It tries, rather, to function as a source and testing ground for approaches that may help the student break down the walls between college life and learning, and bridge the gaps among the “islands of knowledge” that tend to characterize a completely departmentalized educational environment.

Located in coeducationally grouped residence halls, the center provides for classrooms, offices, living, and dining. Students and faculty members shape and combine courses of study within areas of common interest. Thus, groups within the center have focused, at various times, on such cross-departmental topics as: *Studies in Behavior* (biology and psychology); *Literature and Politics*; *Studies in Comparative Literatures*; *Homer and History*; *The Concept of Evolution—Its Impact on Thought and History*; *Bilingual and Bicultural Studies*; *East Asian Studies*; *Existential Thought and Literature*. Areas, and the courses within them, undergo continuous modification and change. A student who is introduced to college-level work in any area—whether it be biology, history, classics, or another—through enrollment in the center, should proceed toward a major in that area with a richer understanding of the interrelatedness of all of man’s endeavors.

Students who join the center should plan to devote a good portion of their academic schedules and their energies to its activities, and demonstrate a continuing, active concern for both the living arrangements and the educational programs.

COMPUTER RESOURCES

Colby has access to the PDP-10 computer at Bowdoin College through remote terminals in the Keyes Science Building and Lovejoy Building. These facilities are available for student use. Those who elect elementary mathematics courses are required to use the computer as a problem-solving tool. Many courses in the natural and social sciences make use of the computing facilities for a wide range of applications. Orientation sessions in the use of the termi-

nals and general programming are available to all interested students.

FOREIGN STUDY

Since 1970-71 Colby has had a Junior Year Abroad program in France, established in cooperation with the Université de Caen. Enrollment is limited to Colby students. Details of the program are available from the department of modern foreign languages.

Colby is a member of the Associated Kyoto Program, which makes possible a year of study in Kyoto, Japan. In addition, Kansai Gaikokugo Daigaku of Osaka annually makes a tuition scholarship available to a selected Colby student.

By agreement with Manchester College, Oxford, and with the universities of Glasgow and Aberdeen, limited numbers of Colby nominees are accepted for a year of study at these institutions.

Opportunities for study abroad in these and other countries are available through the programs of other institutions or by independent arrangement.

Permission to study abroad during the junior year is given by the committee on foreign study and student exchange programs. Credit for such study is guaranteed only if the student follows a program approved in advance by the major department and the committee. Application must be made by November 15 for spring-semester study abroad and by April 15 for fall-semester; forms can be obtained from members of the committee. Approved applicants must notify the dean of students' office of their plans by December 15 for a second semester abroad or by May 1 for a first semester abroad.

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

The committee administers the Harold D. Walker Scholarship Grants for study and travel in Latin America and the French Government Scholarship Fund for study abroad in French language and literature.

EXCHANGE PROGRAMS

A student exchange program was begun in 1960-61 between Colby 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 is conducted with Pomona College in California. Ordinarily, exchanges are arranged for a single semester of the junior year. A course exchange program is in effect with Thomas College in Waterville. Students may obtain information from the committee on foreign study and student exchange programs.

OFF-CAMPUS PROGRAMS

Colby is a member institution in the Institute for Off-Campus Experience and Cooperative Education which administers the College Venture Program. This program is designed to give a limited number of qualified students work experience in their major field of interest prior to graduation. Students approved for the program take a leave of absence for the period of the off-campus experience and may, with prior approval by a college department, receive academic credit. Each student earning Colby credits in this or an independently developed field-experience program is charged an administrative fee.

An opportunity is provided for a limited number of Colby students in their sophomore and junior years to participate in the various Washington Semester Programs organized by The American University in Washington, D.C. Through these programs, students can obtain firsthand knowledge of the national government as it deals with the crucial problems of cities, foreign policy, economic development, and scientific advancement.

FOREIGN STUDENTS

Colby has traditionally encouraged the enrollment of students from other countries and is actively engaged in programs of international cooperation and exchange.

Students from foreign countries other than Canada should apply for admission and financial aid through the Institute of International Education office in their country. Students from countries not served by IIE should apply directly to the dean of admissions at Colby.

Applicants whose mother tongue is not English will usually be required to take the Test of English as a Foreign Language (TOEFL). The foreign student adviser at Colby is Jonathan Weiss of the department of modern foreign languages.

REGISTRATION

Students must register for courses of each semester on the regularly assigned days. A fine of \$5 for each day of delay is charged on the student's semester bill for registration later than the date specified.

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

Before registration for any semester, each student must secure from the treasurer's office a receipt for the tuition fee and any other required advance payments and 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; no credit will be granted for work in a course for which a student is not correctly registered. A continuing student registering in the fall is fined \$2 per credit hour if he fails to make spring election.

With the approval of the adviser, voluntary changes in a student's program may be made during the first eight class days of a semester, the first day of classes being considered the first day of the semester. After the eighth day, no changes may be made voluntarily from one course or section to another.

Changes of section within a course must be approved by the department or course chairman. Unless otherwise stated in the course description, no course may be repeated for additional credit. A student may not register for two courses scheduled to meet concurrently.

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

PASS/FAIL

Students may elect to take a limited number of courses on a pass/fail basis (see **GRADUATION REQUIREMENTS**, above). Departments may specify that major courses must be taken on a conventionally graded basis; it is the student's responsibility to be aware of the policy of his department.

Students graduating under the 105-credit-hour and eight-semester-residence requirement must meet all graduation requirements in conventionally graded courses; only electives beyond 105 credit hours may be taken pass/fail.

Forms for declaring pass/fail options can be obtained at the registrar's office. The form must be completed and returned no later than the last day of the change of course period of the semester in which the course is to be taken. Once submitted, a pass/fail election may not be voluntarily revoked. Letter grades submitted by instructors will be converted to *P* (for grades *A* through *D*) or *NP* before being posted on permanent record cards. No information about the "quality" of a *P* will be released by the registrar's office, even upon request of the student himself.

AUDITING COURSES

A Colby student may register to audit courses (not for credit) by obtaining written consent of the instructor and his adviser. He is not charged an auditing fee, nor is the audit recorded on the student's permanent record.

Adults who are not students of the college may register to audit courses at a fee of \$5 each semester for each credit hour, provided they obtain written consent of the instructor and of the dean of admissions. Members of the college staff and their families may register with the approval of the dean of the faculty to audit courses, and take for credit one course without charge. Permission to audit will be withheld if the class is already too large and if auditing applications for it are numerous.

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

EXAMINATIONS

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

No student may be excused from any semester examination except for illness or emergency so grave as to justify excuse in the judgment of the dean of students, or unless he has filed with the registrar a valid conflict-of-exams form based on his having scheduled three examinations in a single day or any four consecutive examinations. An excused student may be examined at a later date convenient to the instructor but not later than January 15 for the first semester and August 30 for the second semester. Under no circumstances may a student be permitted to take a semester examination earlier than the date on which it is scheduled. A student is entitled to only one semester examination in any course; failed examinations cannot be repeated.

With the consent of the dean of students, a student may for unusual reason accept, in lieu of semester examination, a mark for the course equal to seventy-five percent 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.

Plagiarism, cheating, and other forms of academic dishonesty are serious offenses. The instructor may dismiss the offender from the course with a mark of *F* and may also report the case to the department chairman and the dean of students, who may impose other or additional penalties. A student is entitled to appeal charges of academic dishonesty to the faculty appeals board, which shall recommend action to the president of the college.

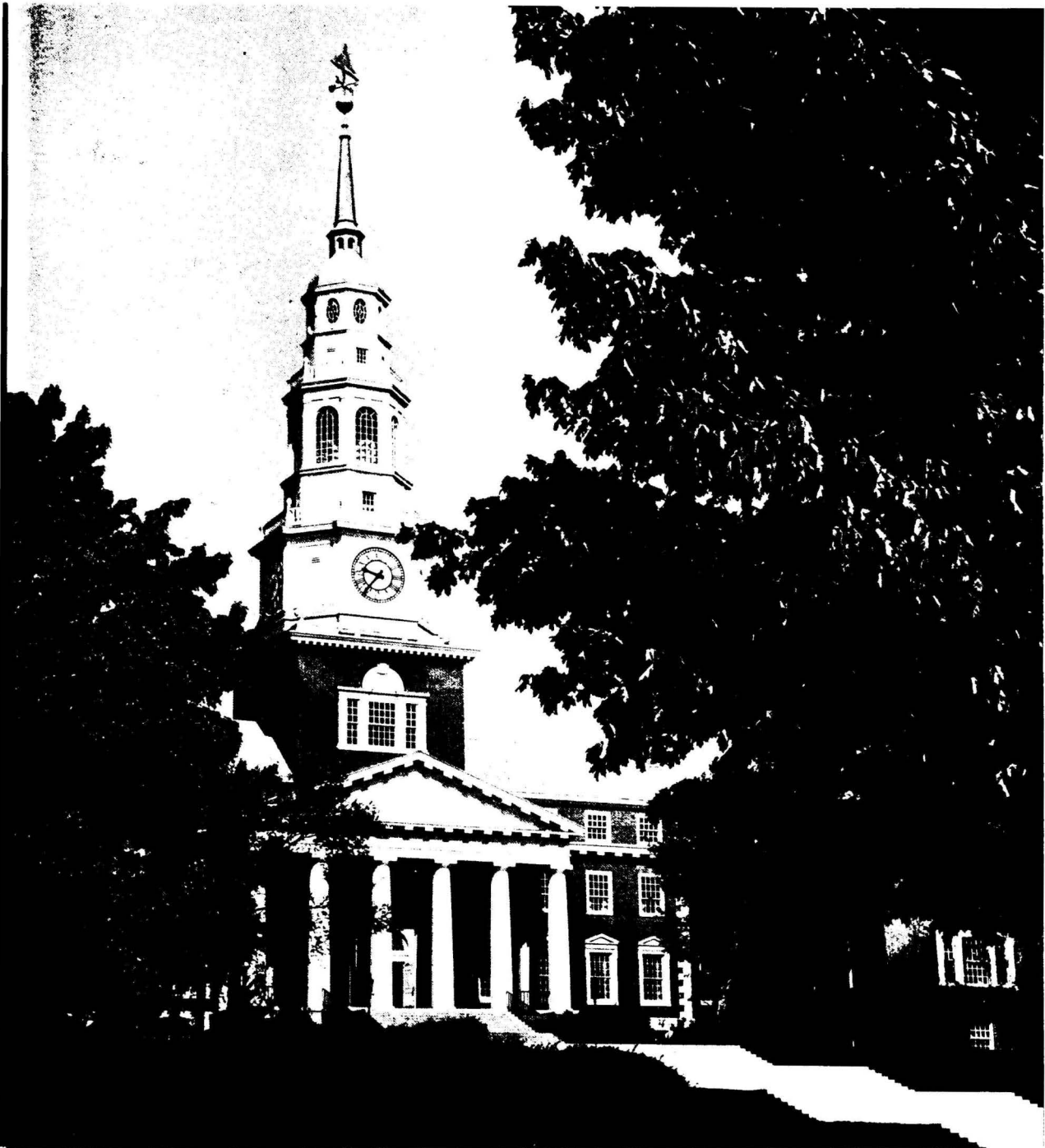
ACADEMIC STANDING

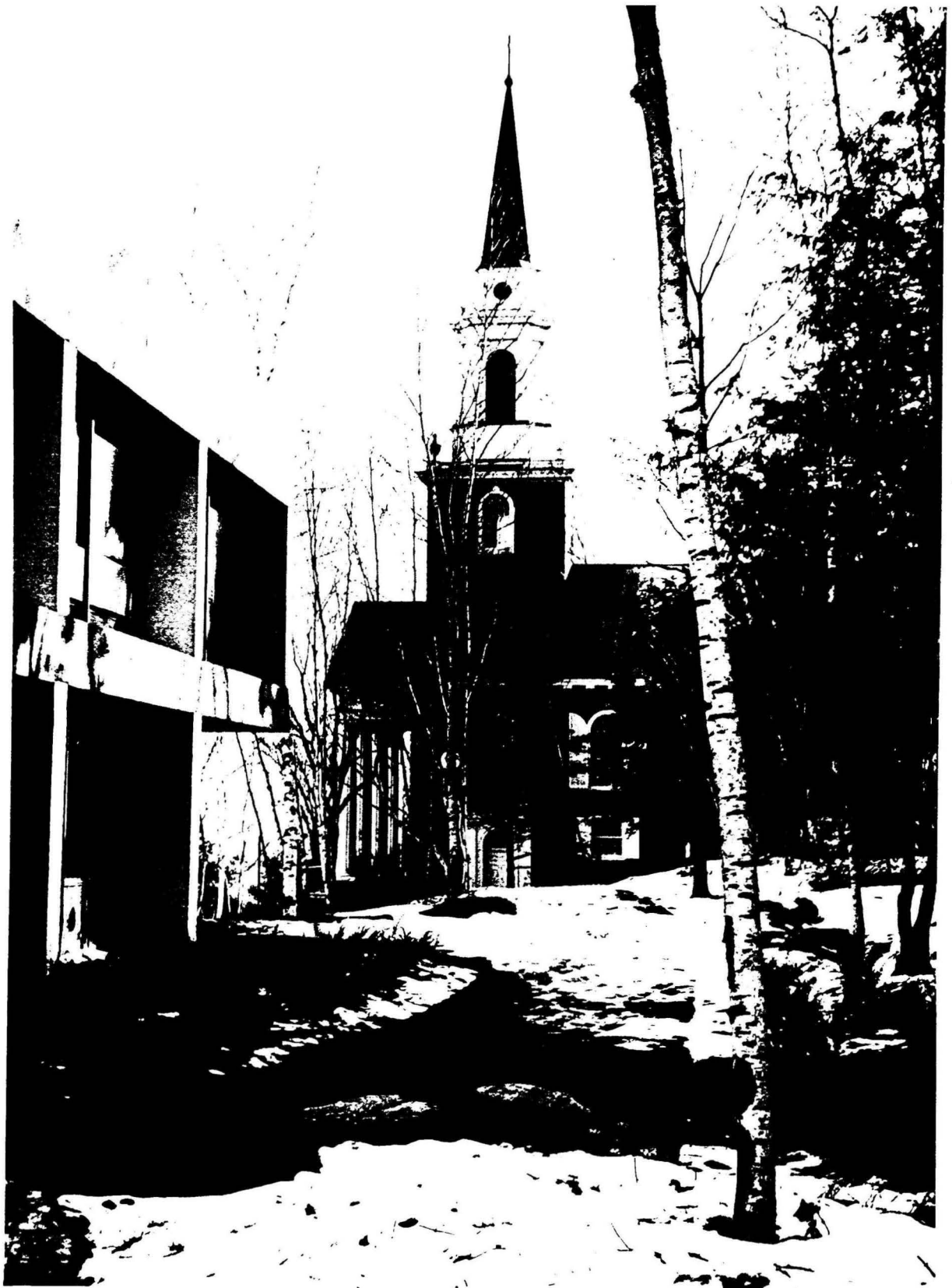
A student's class standing is determined by the number of credit hours he has passed. Freshman standing, fewer than twenty-four credit hours; sophomore, from twenty-four to fifty-three; junior, from fifty-four to eighty-four; senior, more than eighty-four.

Throughout the semester, at the discretion of the professor, warnings are sent to students. A major warning means that a student's standing at that time is below 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 in duplicate to students at the end of each semester. The college does not send grades directly to parents. In practice, a student often obtains his mark directly from the instructor, but the only official record is that in the registrar's office. If a course has been elected to be taken on a pass/fail basis, the registrar will convert the letter grade to *P* or *NP* before recording and releasing it.

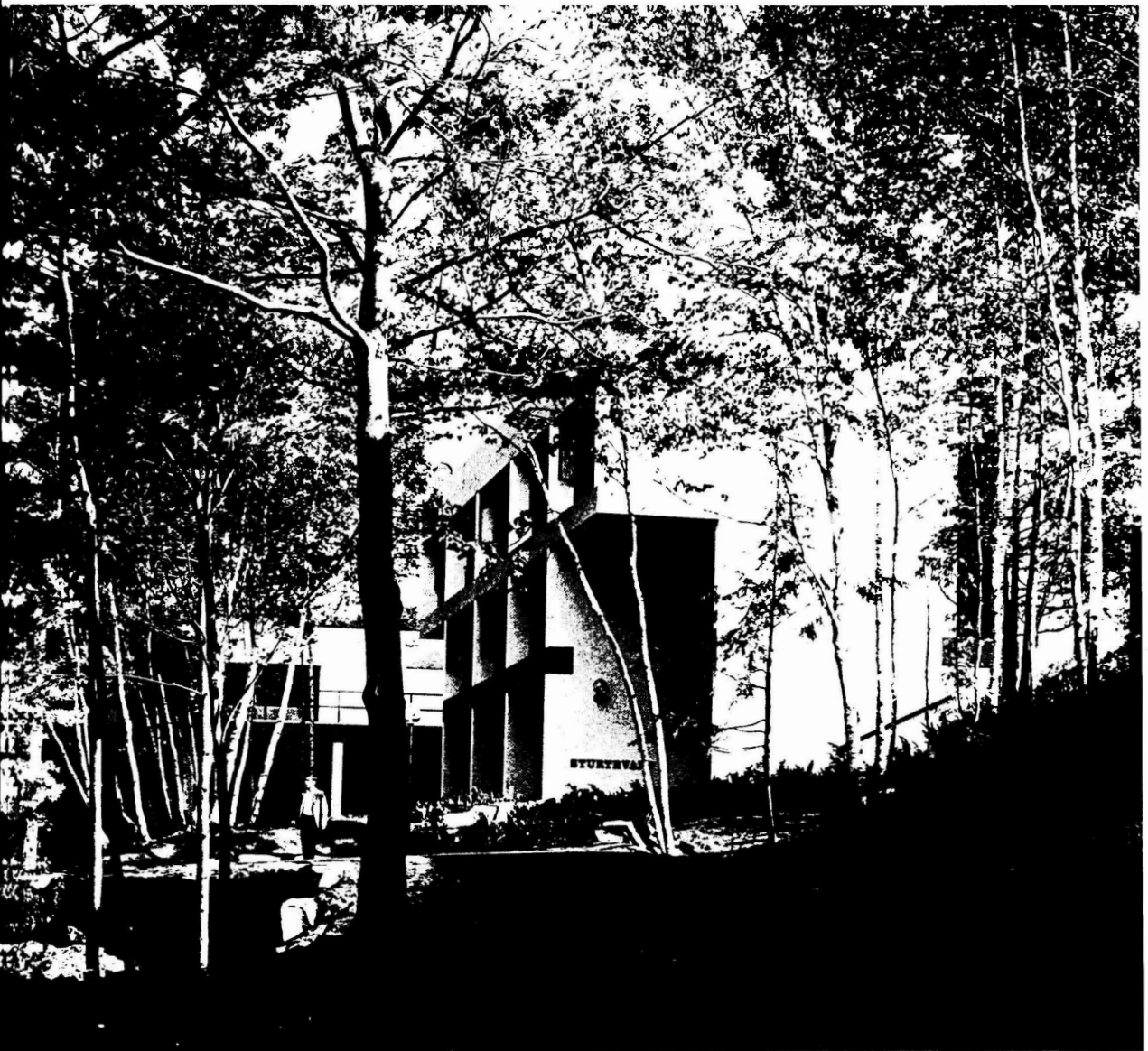
In a course designated as a year course, the tentative mark, showing progress at the end of the first semester, carries no credit toward graduation. For such year courses, no credit is given until the completion of the full year's





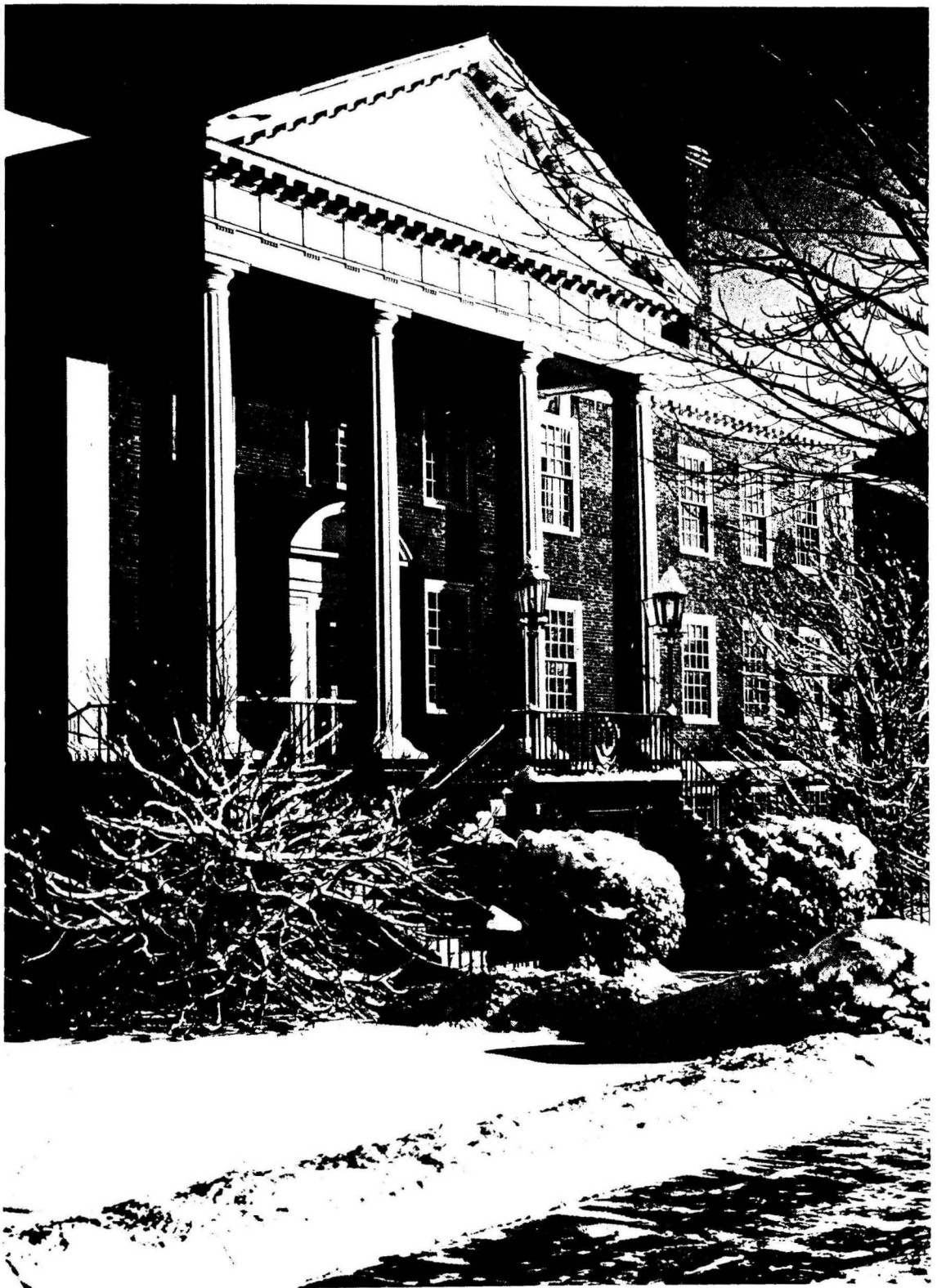
Lorimer Chapel from Sturtevant

Award-winning dormitory complex

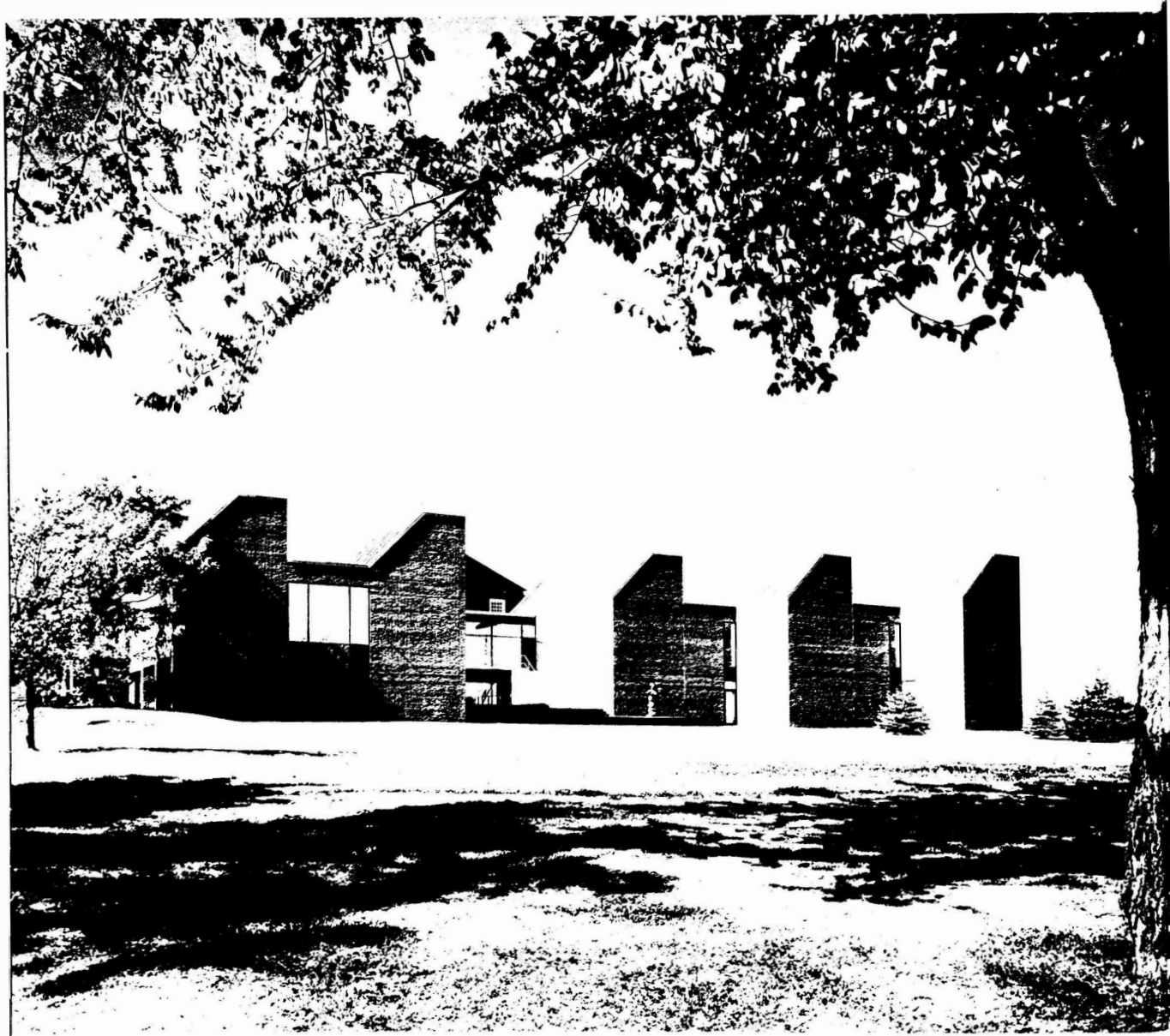


Championship meet, Fieldhouse





Colby College Museum of Art







work. A student who has failed a year course may not secure credit by repeating merely the second semester even if his tentative mark at the end of the first semester is passing; he must repeat the entire year to obtain credit.

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

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

A mark of *Abs.* indicates that a student has been absent from final examinations. A mark of *Inc.* indicates a course not finished for some reason other than failure to take the final examinations. Grades of *Abs.* or *Inc.* must be made up within limits set by the instructor, and not later than January 15 for the first semester and August 30 for the second semester. After these dates, any remaining mark of *Abs.* or *Inc.* will be changed to an *F*. The dean of students may give limited extensions for the completion of work without penalty but only for excuses similar to those acceptable for missing a final exam.

A mark of *Cr.* indicates that a student has been awarded credit but no specific mark for a course. Such courses are identified in the description as “nongraded.”

Marks of *W* and *WF* indicate withdrawal from course, and represent the student’s standing at the time of withdrawal. *WF* indicates that the student was failing; *W* indicates either passing or no basis for judgment. These marks are excluded from computation of all averages except that *WF*’s incurred within the last thirty calendar days of the semester are treated as *F*’s in averages. Withdrawal is permitted through the final class day of the semester.

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

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

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 committee considers both quantity and quality of work in determining whether progress is satisfactory. The faculty has endowed this committee with full power to deal with these matters.

WITHDRAWAL

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

TRANSFERRED CREDITS

Courses taken at other institutions may be credited toward the Colby degree under the conditions and circumstances listed below. In addition to the conditions listed on these pages, there are restrictions detailed in the section on the RESIDENCE requirement (page 22) that should be read with care.

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

(2) Students on approved foreign study or student exchange programs will receive credit under terms specified by the committee on foreign study and student exchange programs. Credits earned in summer school may be transferred if approved by the appropriate Colby department; forms for this purpose can be obtained at the registrar's office and should be filed prior to taking the course. No student may receive credit toward graduation for more

than fourteen credit hours taken in summer school for the purpose of making up deficiencies incurred at Colby.

(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.

Orientation for Freshmen

The freshman orientation program is planned with the aim of introducing students to the intellectual and social life of the college. Freshmen arrive a few days early for an orientation program. Meetings are arranged with advisers and representatives of student groups.

READING TESTS

Tests during orientation week determine levels of speed and comprehension. Students with low scores are offered assistance in a developmental reading program.

PLACEMENT IN MATHEMATICS

Interviews are scheduled for freshmen who have not taken the CEEB advanced placement examination in mathematics but who seek advice on placement in Mathematics 122 (Calculus II), 221 (Calculus III), 241 (Elementary Statistics), or 243 (Finite Mathematics) without other prerequisites.

PLACEMENT IN FOREIGN LANGUAGES

The college language requirement for 1975-76 is met at entrance by a score of sixty or more on the CEEB language achievement test.

Students *continuing* a foreign language at Colby are placed on the basis of the CEEB achievement test in that language. It is strongly recommended that they take that test in their senior year or the last year of study of the language at the secondary-school level. If they have not taken this test, and wish to continue the study of the language, they must take the language placement test during the freshman orientation program. Those presenting two or more units for entrance continue in courses above the 111, 112 level, with the following exceptions:

- (1) If the last year of a student's study of the language was the sophomore year in high school, regardless of the number of years of previous study, he may enroll in 111, 112 for credit.
- (2) If a student has had only two years of language work that terminated in the junior or senior year, he may repeat the language with credit if the department feels that the preparation received is not adequate for the 113, 114 level.
- (3) If the student has completed three years of the lan-

guage, and the third year is either the junior or senior year in high school, he may not enroll in 111, 112 except with special permission of the department.

Student Life and Activities

RELIGION

Colby College was founded by New England Baptists, and although it does not now maintain a formal relationship with any denomination, the college supports and encourages an ecumenical ministry on the campus.

The college chaplain acts as coordinator for the activities of a number of religious associations: Newman Club (Catholic), Hillel (Jewish), Canterbury Club (Episcopal), Colby Christian Fellowship (Evangelical Protestant), and Christian Science Organization. All of these groups use the sanctuary and social lounge of Lorimer Chapel. The Roman Catholic diocese of Portland provides the services of a chaplain for Catholic students, and the local rabbi and the rector of the Episcopal parish also carry on a campus ministry.

Each Sunday morning a student group, under the direction of the college chaplain, conducts an all-college worship service in the chapel. Music for this service and for special concerts is performed by the students of the chapel choir under the leadership of a student majoring in music.

The director of student activities sponsors a student volunteer corps of fifty to 100 members who give time each week to work as Big Brothers and Big Sisters with children in Waterville and neighboring communities.

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

LECTURES

Throughout the year, outstanding scholars, musicians, and artists visit the campus. There are three lecture series—the Guy P. Gannett, Gabrielson, and Franklin J. Matchette—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 subjects. The Gabrielson lectures are concerned with national and international affairs. Topics related to philosophy and to other areas of human concern are offered in the Matchette lectures.

The Winthrop H. Smith Visiting Scholars Program

brings a distinguished speaker for two days to lecture, speak in classes, and meet informally with students and faculty. The Spencer Lecture, established in 1973, is devoted to world unity. The Clara M. Southworth Lecture presents a prominent speaker on a subject in environmental design. The Lovejoy Convocation annually honors a member of the newspaper profession.

Among the visiting speakers in 1974-75 were Marvin Bell, poet; Edward Beltrami, professor of mathematics, S.U.N.Y. at Stony Brook; Jean Sutherland Boggs, director of the National Gallery of Canada; Leonard DeLonga, sculptor, Mount Holyoke; Lanza del Vasto, leader of non-violence movement in France; Richard A. Easterlin, professor of economics, University of Pennsylvania; Theodore Enslin, poet; William H. Gass, writer-philosopher; M. M. Islam, executive director of the World Bank; John Jacobus, expert in modern architecture, professor of art, Dartmouth; Alfred E. Kahn, chairman, State of New York Public Service Commission; James Koller, poet; Richard Light, professor of statistics, Harvard; Richard B. McAdoo, vice-president, Houghton Mifflin Co.; Robert McGrath, medievalist, professor of art, Dartmouth; Rev. Ernan V. McMullin, professor of philosophy, Notre Dame; John W. Mellor, professor of agricultural economics, Yale; George Morrison, executive director of Roxbury Action Program; Joel Moses, professor of computer science and engineering, M.I.T.; Howard Nemerov, poet; Frederic W. Ness, president of the Association of American Colleges; Eric Perkins, author, C.U.N.Y.; James Reston, columnist, *New York Times*; Fred S. Roberts, professor of mathematics, Rutgers; Andrea Rushing, Black Studies lecturer, Harvard; Eugene V. Rostow, Sterling Professor of Law and Public Affairs, Yale; Joan Smith, department of sociology, Dartmouth; Stephen Spender, poet-critic; Roberta Weil, Maine Commissioner of Business Regulation; Rev. James A. Weisheipl, expert on St. Thomas Aquinas, University of Toronto.

rooms as well as the 400-seat Given Auditorium. Students are invited to participate (with or without academic credit) in the band, the Colby Community Symphony Orchestra, and the glee club, all under faculty direction. There are also informal student groups: the Colby Eight, the Colbyettes, the Chapel Choir, the A Capella Singers, and others. The Colby College Trio (consisting of Mary Hallman, violinist; Dorothy Reuman, 'cellist; and Lillian Garwood, pianist) presents chamber music on and off campus. A student chapter of the American Guild of Organists was formed in 1972.

Concerts by visiting artists are sponsored by the music department, by the Student Association, and by the Colby Music Associates, a student-college-community group, which arranges the Colby Music Series and contributes to musical life on the campus. In 1974-75 the Colby Music Series included performances by Lorin Hollander (pianist), the Boston Musica Viva, Yehuda Hanani ('cellist), and the Orchestra of St. John's Smith Square.

Among other concerts were performances by Donald Currier (pianist), Virgil Fox (organist), the Portland Symphony String Quartet, Fernando Valenti (harpsichordist), a Coffee House jazz series, the Mellon Organ Series on the well-known Walcker organ in Lorimer Chapel, several concerts by college musical organizations, faculty and student recitals, and informal weekly Friday Noonday Recitals.

ART

The Bixler Art and Music Center is the focal point for the college's art program. Continuous exhibitions featuring selections from the permanent collection, as well as original and traveling shows, are to be seen in the Jetté Galleries of the newly enlarged Colby College Museum of Art. The permanent collection features American and European painting, sculpture, and graphic art. Special collections are the Harold T. Pulsifer Memorial Collection of Winslow Homers, American Heritage Collection of Edith Kemper Jetté and Ellerton Marcel Jetté, the Helen Warren and Willard Howe Cummings Collection of American Art, the John Marin Collection, the Adelaide Pearson Collection, the Bernat Collection of Oriental Ceramics and Bronzes,

the Langenbach-Pepper Collection of Watercolors by Charles Hovey Pepper, and the Weiss Collection of Jack Levine Graphics.

Among the 1974-75 special exhibitions were *Nineteenth-Century American Folk Painting* from the collection of Mr. and Mrs. Peter Tillou; *Animal Sculpture and Paintings* by Dahlov Ipcar and Bernard Langlais; *Photographs from Elsa's Housebook*, photographs by Elsa Dorfman; *Student Arts Festival Exhibition*; *Photography: Mainel75*, sponsored by the Maine Commission on the Arts and Humanities; and *Color in Art*, an exhibition organized at Harvard's Fogg Museum.

The Friends of Art at Colby, organized in 1959, make substantial contributions to the overall art program throughout the year.

The Archives of Maine Art, located at the Bixler Center, is a repository of information and documents about artists in Maine from the eighteenth century to the present.

In addition to the studio courses in the regular curriculum, four workshops are maintained for extracurricular activities in film making, ceramics, typography, and weaving.

In September 1973 a wing to the Bixler Center was opened. Built in response to the growing interest in art and music among students, alumni, and Friends of Art, it contains painting and sculpture studios and greatly expanded gallery space for exhibitions in the Museum of Art. For the first time, both the permanent collection and temporary exhibitions can be on display simultaneously. Expansion into the wing makes possible enlarged classrooms for art and music, and a new library shared by both departments.

DRAMATICS

Powder and Wig, the dramatic society, has a distinguished record of productions under the supervision of the director of dramatics. Students act in plays, direct, build scenery, and supervise staging and lighting. Courses in drama are offered by the English, the modern languages, and the classics departments. The 1974-75 Powder and Wig productions included Christopher Frye's *A Phoenix Too Frequent*, Howard Nemerov's *Endor*, and Shakespeare's *Twelfth Night*. Powder and Wig also acts as a "parent organi-

zation" for independent student productions. In 1974-75 these included *Man of La Mancha*, *The Adding Machine* (E. L. Rice), *Godspell*, and *Harvey*. 1974-75 brought a visit from the Theater at Monmouth, and two mime troupes, Mummenschanz and Celebration Mime Theater.

SPEECH AND DEBATE

A tradition of public speaking has resulted in the endowment of prizes for oratory, public reading, and debate. Speaking events with other colleges are also conducted.

AUDIOVISUAL

The Audiovisual Center has video-taping equipment, tape recorders, cameras, movie and slide projectors, and record players. These are available for use at the center or for loan to members of the college community.

Film Direction, formed in 1962 by students and faculty, brings films of high quality in various film genres. In addition, there are movies shown by Sunday Cinema and films brought by other student organizations and departments.

COLBY RADIO

WMHB-FM is a student-operated station with a Class D non-commercial license from the Federal Communications Commission. With studios in Roberts Union, the station broadcasts throughout the day and evening.

FRATERNITIES AND
SORORITIES

The fraternity system is a cooperative feature of campus life at Colby. There are chapters of nine fraternities and three national sororities. Eight of the fraternities occupy separate houses on the campus, controlled by the administration and their prudential committees.

In order of founding, the fraternities are Delta Kappa Epsilon, Zeta Psi, Delta Upsilon, Phi Delta Theta, Alpha Tau Omega, Lambda Chi Alpha, Kappa Delta Rho, Tau Delta Phi, and Pi Lambda Phi. The sororities are Sigma Kappa (founded at Colby), Chi Omega, and Alpha Delta Pi. The sororities maintain chapter rooms in Runnals Union.

The board of trustees requires that fraternities and sororities select members without regard to race, religion, or national origin. Hazing of any kind is prohibited.

STUDENT ORGANIZATIONS

More than seventy student organizations are active on campus. Academic societies are Sigma Delta Pi (Spanish honor society), Chi Epsilon Mu (chemistry), Delta Phi Alpha (German), Pi Sigma Alpha (political science), and the Premedical Society. Student publications include the weekly newspaper, *The Colby Echo*; the yearbook, *The Oracle*; as well as occasional journals devoted to art, literature, and photography.

Service organizations are the Blue Key Society, Big Brother/Big Sister Program, and the Panhellenic Council.

Other groups include the American Guild of Organists—student chapter, Archaeology Club, Baroque Society, Chess Club, Coffee House, Colby Environmental Council, Colby Graphic Arts Workshop, Colby Weaving Club, Crafts Shop, Eidos, Film Direction, Gymnastics Club, International Relations Club, Madrigal Singers, Modern Dance Club, Outing Club, Photography Club, Powder and Wig Dramatic Society, Public Interest Research Group (PIRG), Radio Colby (WMHB-FM), Student International Meditation Society, and Student Organization for Black Unity.

There are other clubs and societies described under appropriate catalogue headings. In addition, each class acts as an organization, with elected officials. All organizations, clubs, and many of the campus activities, including film, lecture, and concert series, are funded through the Student Association. In addition, students are appointed by the Student Association to serve on college committees.

GENERAL REGULATIONS

All students are responsible for knowledge of the regulations in the *Student Handbook*, and in the annual catalogue. The handbook rules concern student residences, organizations, social activities, and intercollegiate athletics.

The college reserves the right to dismiss any student whose presence its officers believe to be detrimental to the general welfare of the college.

Although authority regarding discipline is the ultimate responsibility of the dean of students, most cases requiring discipline of students are turned over by him to the proper judicial board. A student judiciary board consisting of

twelve members, including a chief justice and sub-judiciaries affiliated with the various living units, assists in the enforcement of nonacademic rules and regulations of the college. A student may appeal a finding of the student judiciary board to a faculty appeals board, which also hears appeals stemming from disciplinary action for academic infractions.

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

Official excuses for absence are granted only by the deans of students, and only for (1) critical emergencies, (2) athletic or other organizational trips, or (3) illness certified by the college physician or his authorized representative.

Medical excuses are issued only to students who fall within one of three classifications: (1) those confined to the college infirmary or hospital because of illness or surgery, (2) students treated by the medical staff at the dispensary, infirmary, or hospital, (3) 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.

All excuses from hour exams must come from the infirmary or, in cases of critical emergency, from the deans of students.

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

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

BEHAVIOR The administrative officers of the college have a responsibility for maintaining and encouraging an atmosphere on campus consonant with the college's function as a community of students and teachers.

The trustees have delegated to various sectors of the college, including the Student Association, extensive autonomy in the conduct of student affairs. Colby College assumes that those who accept admission to the student body are able and willing to conduct themselves with the maturity consistent with this responsibility. Each student retains the right to organize his own personal life and behavior within the standards agreed upon by the college community, so long as he does not interfere with the rights of others or with the educational process.

The college respects the laws and ordinances of the civil jurisdictions within which it lies. The college does not stand *in loco parentis* for its students, nor is the campus to be considered a sanctuary from civil law.

The college has always encouraged temperance in the use of alcoholic beverages. The laws of the State of Maine forbid possession of alcoholic beverages by any person under the age of eighteen. Where drinking leads to disruptive behavior, a student faces sanctions.

The college does not tolerate violations of federal or state drug laws. Such violations may result in dismissal.

HEALTH POLICY Physicians in the Colby College health services treat students on the same basis as community physicians treat the patients under their care.

The college feels that the best interests of students are served by having full medical counseling and treatment from physicians thoroughly informed about personal medical history.

The college respects the rights of these physicians to use their professional judgment in meeting the health needs of students.

Upon recommendation of the college physician, the college reserves the right to require a student to withdraw for

medical reasons. If, in the doctor's opinion, a student becomes unable to carry on normal student functions, or when his presence is or may become a hazard to himself or others, withdrawal will be required. Following any medical withdrawal, recommendations from an attending physician may be required before the student is readmitted to the college.

The officers, faculty, and medical staff of the college reserve the right to refuse to divulge information regarding a student's psychological or psychiatric condition, or matters of an intimate nature without the student's authorization.

SPECIAL DIETS Short-term arrangements are made for special diets at the request of the college physician. A vegetarian alternate is available at all meals.

AUTOMOBILES For a number of reasons, including the desire to preserve the natural quality of the campus environment, parking lots are limited in number and size. Having a car at Colby therefore has its inconveniences as well as conveniences.

Students, faculty, and staff are assigned lots according to their place of residence or work, and are discouraged from using their cars simply to move about campus.

Penalties for illegal parking or operation on campus are necessarily severe, and, after a small number of violations, a student may lose his privilege to have a car on campus. The annual registration fee for a car is \$10. An adjustment is made in the financial aid package of aid recipients who choose to register a car on campus.

Details of rules relating to the use of motor vehicles may be found in the *Student Handbook*.

HOUSING AND STUDENT LIVING Students are housed in twenty-six living units: eighteen college residences (some of them coeducational) and eight fraternity houses. All freshmen not living at home or with relatives are required to live in college housing. Individual dormitories have broad social autonomy, including control over such matters as parietal hours, quiet hours, and judicial systems. These regulations are reviewed by each residence unit in the fall. The college has charge of the maintenance and security of its buildings.

In special circumstances, some upperclass students are permitted to live off campus, with permission from their parents and the dean of students.

The Campus

In 1952 Colby completed the move from its original campus in downtown Waterville to Mayflower Hill, two miles west of the city. Today thirty-nine buildings stand on a campus of 900 acres, one of the most modern and beautiful in the nation.

The first building was Lorimer Chapel. The main chapel, in early New England style, contains an organ built in the classical tradition by Walcker of Ludwigsburg, Germany. Its specifications were drawn up by Albert Schweitzer. The Rose Chapel adjoins the main building.

At the center of the campus is Miller Library, described on following pages.

The Keyes and Life Sciences buildings provide facilities for science programs, with special collections, a seismograph, reference libraries, laboratories, and conference rooms. The Webster Chester Teaching Museum contains collections of birds, shells, mammalian skulls, and various invertebrates and plants.

The humanities and social sciences are centered in the Elijah Parish Lovejoy Building, named for the Colby graduate who was one of America's earliest martyrs for freedom of the press. Here are classrooms, faculty offices, laboratories for modern languages and psychology, and an auditorium.

Administration offices are housed in the Eustis Building.

The Bixler Art and Music Center has classrooms, studios, an art and music library, auditorium, rehearsal hall, and practice and listening rooms. The center was expanded in 1973 with the opening of a new Museum of Art and the Lenk Building, housing studios for painting and design as well as workshops for wood and metal sculpture. Emphasis in the college's permanent collection is clearly in the American field, but the British Isles and Europe are represented by paintings, sculpture, prints, and drawings.

Colby is a residential college where students are expected to live on campus. Classes are distributed equally through all eighteen dormitories, some of which are coeducational (men and women on separate corridors). In addition to these dormitories, there are eight fraternity houses on

campus. In special circumstances, some students have the option of living off campus. There are four coeducational dining halls as well as two student unions. Roberts Union houses the Sherman M. Perry Infirmary, the campus radio station WMHB-FM, crafts rooms, lounges, and the Seaverns Bookstore. The Ninetta M. Runnals Union contains lounges, offices for student organizations, a gymnasium with stage for dramatics and lectures, and the student-operated Coffee House.

Indoor sports facilities are contained in the new physical education and athletic complex and consist of the Wadsworth Gymnasium (badminton, volleyball, and four basketball courts), Alford Ice Arena, the fieldhouse (an eighth-of-a-mile track, a baseball diamond, and three tennis courts), the Dunaway Squash and Handball Courts (consisting of seven singles and one doubles), the swimming pool, and a weight training room.

Outdoors there are some fifty acres of playing fields: two football fields, two baseball diamonds, two soccer fields, fourteen tennis courts, and space for field hockey, archery, and informal games. Community facilities include bowling lanes and riding stables. Approximately three miles from campus, the college owns a ski area, which has a T-bar lift, lighted slope, jump, lodge, and snowmaking equipment.

The entire Mayflower Hill campus has been designated by the Maine legislature as a State Wildlife Management Area.

Part of the woodland surrounding the campus has been set aside as a wildlife sanctuary, The Perkins Arboretum and Bird Sanctuary, and includes 128 acres.

In the Belgrade Lakes area near Waterville the college owns the Colby-Marston Preserve, a thirty-four-acre tract containing a kettle-hole bog. The preserve, which is considered a classic example of a northern sphagnum bog, has been classified a Registered Natural Landmark by the United States National Park Service. It is used for teaching and research in the fields of biology, ecology, and geology.

The Library

The Miller Library, focal point of the campus, furnishes printed and audiovisual materials for assigned and recreational reading, reference, research, and independent study. Reading rooms and individual carrels provide study areas for more than a quarter of the student body. The building is open from early morning until late at night each day during the academic year.

An open-stack system allows browsing through the collection of 322,000 volumes. The microfilm collection is extensive, and the library has subscriptions to more than 1,100 journals. The federal government supplies many of its publications, and a regional document library provides easy access to other government publications. The library is a member of the New England Library Information Network and is affiliated with the Health Services Library Cooperative of Maine.

Special collections of first editions and manuscripts in the Colby library have achieved international recognition. The Edwin Arlington Robinson Memorial Room, named for the famous Maine poet, contains his books, manuscripts, letters, and memorabilia. The Thomas Hardy collection, also in the room, is the most extensive in this country. Other authors represented in the Robinson Room include E. A. Housman, Sarah Orne Jewett, Kenneth Roberts, Henry James, Willa Cather, John Masefield, William Dean Howells, and Thomas Mann. The John and Catherine Healy Memorial Room contains the James Augustine Healy Collection of Modern Irish Literature. This includes numerous inscribed copies, manuscripts, and holograph letters of William Butler Yeats, Sean O'Casey, James Joyce, George Bernard Shaw, and many others.

The Academy of New England Journalists has established its archives in Miller Library. The Academy Room also contains current issues of some thirty-five daily newspapers.

The Colby Library Associates is an organization of friends of the library, many of long standing, representing both students and faculty. Dues are used to purchase books and manuscripts that the library could not otherwise acquire. Members receive the *Colby Library Quarterly*.

Colby Yesterday and Today

HISTORY OF COLBY COLLEGE

In 1813, when Maine was still a part of Massachusetts, a group of Baptists secured a charter for the Maine Literary and Theological Institution, and in 1815 received a grant of land on the Penobscot River. Permitted subsequently to erect the institution on a site other than the land grant, they chose a tract in Waterville on the west bank of the Kennebec, where in 1818 the Reverend Jeremiah Chaplin began instruction of seven theological students.

The first legislature of Maine in 1820 granted the institution the right to confer degrees, and in 1821 changed the name to Waterville College, with Jeremiah Chaplin as the first president. William King, Maine's first governor, had been instrumental in securing the original charter, and was himself for many years a member of the board of trustees.

Though founded by Baptists, the college, even in its earliest days, was not narrowly sectarian. The Maine charter decreed that no applicant should be denied admission on grounds of religious belief. By 1830 the theological course had been abandoned, and the institution became, and remains today, distinctly a nonsectarian college of liberal arts. Though without official ties to any denomination, the college is proud of its Baptist heritage and support.

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 antislavery articles led to his death at the hands of a mob in Alton, Illinois, at the age of thirty-four.

Colby first admitted women in 1871, when Mary Low was the lone female student. By 1890 the number had so in-

creased that President Albion Woodbury Small proposed, and the trustees adopted, a system of coordination, providing for men's and women's divisions with separate classes. In time coordination changed to coeducation, and Colby is now officially a coeducational college.

After the First World War, Colby found its campus confined to thirty crowded acres hemmed in by the tracks of the Maine Central Railroad. On the campus were ten buildings, while six others sprawled into the downtown area. In 1930 the trustees voted that "as soon as feasible" the college must move to a new site.

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 the 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.

In 1942 Dr. Johnson was succeeded by President J. Seelye Bixler, who for eighteen years extended and solidified the program on the new campus, securing national acclaim. Since 1960 President Robert E. L. Strider has brought Colby further renown, both for its physical plant and the significant strengthening of faculty and program.

The growth of Colby since the transfer to Mayflower Hill has been striking. On 900 acres there are now thirty-nine buildings and several playing fields. Enrollment has risen from 600 to 1,600, and students come from two-thirds of the states and many foreign countries. The faculty, numbering fifty-six in 1940, now is 134. Endowment has increased from three million to twenty-four million dollars. The physical expansion has been accompanied by growth in variety and quality of the curriculum.

In 1963 Colby College observed its 150th anniversary with a series of events emphasizing the college's heritage and its responsibility for the future. That academic year was a milestone, but no event had more significance for the college than its selection by the Ford Foundation for development as a "regional center of excellence." Colby received in June 1962 a challenge grant of \$1.8 million in the

foundation's Special Program in Education, which was successfully matched on a two-to-one basis in three years. Officials of the Ford Foundation chose a select number of liberal arts colleges to be included in the program "because of the importance of the liberal arts—the humanities, natural sciences, and social sciences—in cultivating the thoughtful leadership and independent opinion essential in a free society." Colby has continued to explore the possibilities of the liberal arts, experimenting with educational innovations—enriching the traditional liberal arts program while remaining responsive to a changing universe.

PRESIDENTS

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

COLBY TODAY

Colby is a coeducational undergraduate college of liberal arts committed to 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 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.

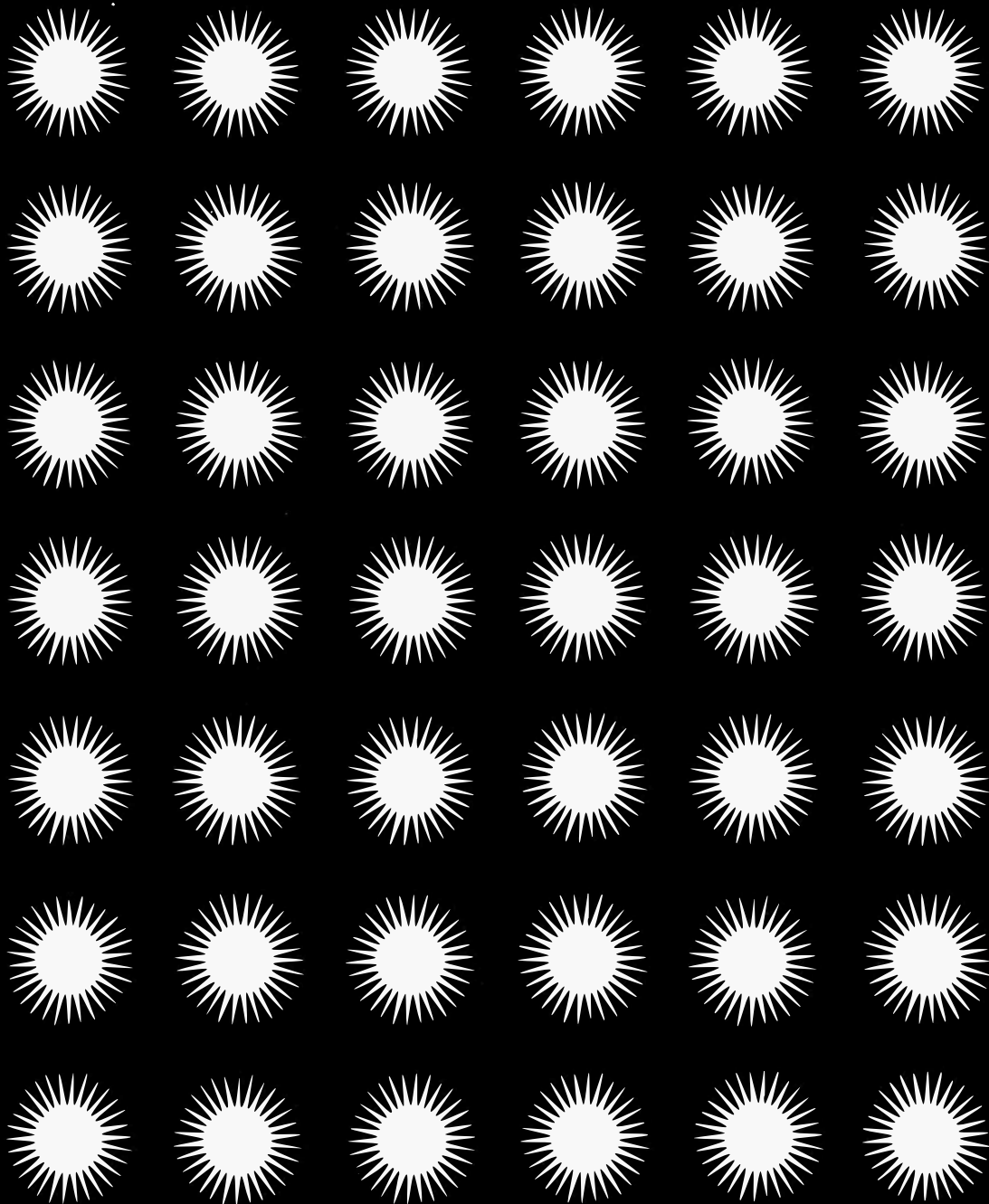
Consistent with the philosophy of the college, responsibility is given each student in the determination of the academic program and in the regulation of social life and daily living. Toward this end, advising, guidance, and counseling are available. The recommendations of the Constitutional Convention in 1969, adopted by the board of trustees, and of a similar convention reconvened in the spring of 1972, revised the governmental structure of the college to make possible a productive sharing of responsibility in the reaching of decisions. Through work on committees at both the faculty and board levels, this process involves students, faculty, alumni, and parents, as well as the administration and trustees.

Emphasis on independent thought and enterprise by students is nothing new. Colby's January Program of Independent Study, initiated in 1962, encourages the student to acquire 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.

Students are strongly advised to consider graduate study in further preparation for the professions. Each year a number of Colby graduates enter divinity, law, and medical schools, and graduate schools of arts and sciences, business, education, and engineering.

On the occasion of the college's 150th anniversary, in connection with a convocation dedicated to the general subject *The Heritage of Mind in a Civilization of Machines*, President Strider wrote: "Colby and other colleges were founded upon ideals that have not changed. A center for sound learning in the quiet wilderness of Maine in 1813 was something to be desired. The quiet wilderness almost everywhere is gone, and the cacophonous megalopolis that stretches the length of our Atlantic coast has crept to the margins of the forests to the North. But the need for sound learning remains, and the human race, wherever it is found, still faces the fundamental questions that are prompted by man's perennial curiosity." In the 1970's Colby College maintains this commitment.

II Divisions, Departments, and Courses of Study



II DIVISIONS, DEPARTMENTS, AND
COURSES OF STUDY

57 DIVISIONS, DEPARTMENTS

HUMANITIES, 58

SOCIAL SCIENCES, 62

NATURAL SCIENCES, 68

INTERDISCIPLINARY STUDIES, 73

PHYSICAL EDUCATION AND ATHLETICS, 82

SPECIAL PROGRAMS, 84

86 COURSES OF STUDY

162 PREPARATION FOR GRADUATE AND PROFESSIONAL SCHOOLS

Divisions, Departments, and Courses of Study

Descriptions of major programs can be found as follows: (1) *departmental*, with the appropriate department; (2) *those combining two departments*, with the division of the first-named department; (3) *interdivisional*, in separate section on interdisciplinary programs, page 73.

Courses are offered within four divisions:

DIVISION OF HUMANITIES

Courses in the departments of *Art*; *Classics*, including classics in English translation, Greek, and Latin; *English*; *Modern Foreign Languages*, including French, German, Italian, Japanese, Portuguese, Russian, and Spanish; and *Music*.

DIVISION OF SOCIAL SCIENCES

Divisional courses in *Education* and courses in the departments of *Administrative Science*; *Economics*; *History and Government*; *Philosophy and Religion*; *Psychology*; and *Sociology*.

DIVISION OF NATURAL SCIENCES

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

DIVISION OF PHYSICAL EDUCATION AND ATHLETICS

Courses in *Physical Education* and *Dance*.

In the departmental statements following, members of the active faculty for the academic year 1974-75 are listed.

Division of Humanities

Chairman, PROFESSOR BENBOW

INTERDEPARTMENTAL MAJORS

Interdepartmental majors are offered in classics-English and classics-philosophy. Attention is also called to interdisciplinary majors in American studies, East Asian studies, and studies in western civilization.

Requirements for the major in classics-English:

In classics: either three years of Latin in courses numbered 200 or higher or three years of Greek.

In English: six semester courses approved by the departments.

Requirements for the major in classics-philosophy:

In classics: either three years of Latin in courses numbered 200 or higher or three years of Greek, subject to departmental approval.

In philosophy: Philosophy 112; 133 or 211; 331, 332; 491 or 492.

For each of the above majors, at least one upper-division January program is required to be taken in the major.

The point scale for retention of each of the above majors applies to all courses that may be credited toward the major. All requirements for the major must be met in conventionally graded courses.

ART

Chairman, PROFESSOR CARPENTER

Professors Carpenter and W. Miller; Assistant Professors Matthews and Higgins; Mrs. M. Miller¹.

Requirements for the major in art:

Art 121, 122, 161; at least nine credit hours chosen from 271, 311, 312, 314, 316, 317, 352, 356, 358; additional courses in art to bring the total to 29 semester hours; at least six semester hours chosen from other fields of study related to the individual student's interests within the major (e.g., history, philosophy, music, English). These courses should be selected with the advice and approval of the student's adviser in the sophomore or junior years.

The point scale for retention of the major applies to courses taken in the department. All requirements for the major must be met in conventionally graded courses. A departmental examination is to be passed in the senior year.

Attention is called to the interdisciplinary major in American studies and studies in western civilization.

¹Part-time.

CLASSICS

Chairman, ASSOCIATE PROFESSOR D. KOONCE

Associate Professors D. Koonce and Westervelt; Mr. Bratt.

Requirements for the major in classics:

Two courses numbered 200 or higher in Greek or Latin. Six additional courses selected from at least two of the following categories: two or more courses numbered 300 or higher in the ancient language elected above; two or more courses in ancient history; two or more courses numbered 200 or higher in the other ancient language; two or more courses elected from Classics 232, Classics 234, Art 311, Philosophy 331.

Attention is called to interdepartmental majors in classics-English and classics-philosophy, and to the interdisciplinary major in studies in western civilization.

At least one upper-division January program is required to be taken in the major.

The point scale for retention of the major applies to all courses in the department. All requirements for the major must be met in conventionally graded courses.

ENGLISH

Chairman, PROFESSOR ARCHIBALD

Professors Strider, Benbow, Cary, Sutherland, Curran, MacKay, Suss, and Archibald; Associate Professors Witham¹, Brancaccio², W. Wyman, H. Koonce, Sweney, Mizner, Kenney², and Basset; Assistant Professors R. Gillespie, J. Wyman³, E. Pestana³, Hall, Ferster, and Onion³; Messrs. Martin, Harris, Lee, McClane, and Neinstein.

Requirements for the major in English and American literature:

For the class of 1976: 10 courses in literature, at least six of which must be numbered 300 or higher. Students should consult with their advisers to ensure a reasonable distribution of courses among the various periods, topics, and methods of inquiry.

For the class of 1977 and after: English 221, 222, 251, and eight courses numbered 300 or higher. At least three of these must be courses in which the major focus is upon literature written before 1800, and at least three must be courses in which the major focus is upon literature written after 1800.

At least one upper-division January program must be taken in the major.

The point scale for retention of the major applies to all English courses that may be used to fulfill major requirements. All requirements for the major must be met in conventionally graded courses.

Students planning to continue the study of English in graduate school should confer with their advisers to be sure that they have planned a substantial and adequate curriculum. They should be proficient in at least one foreign language. Most universities require two languages, and some require a classical language as well. Work in classical or foreign literature, history, philosophy, art, music, and some of the social sciences reinforces preparation in the major and enhances one's chances of success in graduate study.

The department encourages interdepartmental and interdisciplinary studies, offers some courses in conjunction with the Center for Coordinated Studies, and supports programs in American studies, Black studies, and studies in western civilization.

¹On leave second semester 1974-75.

²On leave 1974-75.

³Part-time.

MODERN FOREIGN LANGUAGES

Chairman, PROFESSOR HOLLAND

Professors Kellenberger, Bundy, Holland, Biron, and Schmidt; Associate Professors Kempers¹, Cauz, Kueter, Elison, and Filosof; Assistant Professors F. Pérez, C. Ferguson², P. Doel, L. Ferguson, Weiss, and Nelson²; Messrs. Reiter and Villemont.

Achievement 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 take the placement test during freshman week.

Note: In addition to the following major programs, the department also offers instruction in the Japanese, Portuguese, and Russian languages and in Italian and Japanese literatures in translation. Work can be done in some of the less commonly taught languages through the critical language program.

Requirements for the major in French:

OPTION 1, emphasis on French literature: 30 credit hours in courses numbered 125 or higher.

OPTION 2, emphasis on a background in French language, literature, history, and culture, and the exploration of relationships between France and other western European countries: 21 credit

hours in French courses numbered 125 or higher, including French 223, 224 (normally taken during the sophomore year), plus 12 credit hours, all selected from one of the following areas. *Area 1*, social sciences: History 231, 232, 323, 324, 351, 353, 354; Government 234, 321, 322, 357; Economics 333, 372, 381, 382, 392. *Area 2*, humanities: Art 314, 316, 317; History 351; Music 132, 213, 232; Philosophy 236, 374.

The following statements apply to both options: French 131 (required unless exempted) and 499 may not be counted toward the major; no more than 12 credits of foreign study (15 if the student has earned the *troisième degré*) may be counted toward the major; a student returning from foreign study must take at least one French literature course each semester until graduation.

Requirements for the major in German:

Twenty-four semester hours in courses numbered above 118 with the exception of 499.

Requirements for the major in Spanish:

Eight semester courses in Spanish numbered above 126 with the exception of 499.

In French, German, and Spanish, a maximum of six hours of pass/fail course work in courses numbered below 300 may be counted toward the major requirement.

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

Teacher certification: Students desiring certification for teaching any of the above languages must take Modern Foreign Languages 411, and may in some cases be required to take other specified courses.

¹On leave second semester 1974-75.

²Second semester only.

MUSIC

Chairman, ASSOCIATE PROFESSOR ARMSTRONG

Professor Ré; Associate Professor Armstrong; Assistant Professors Heinrich and D. Reuman¹; Mr. Machlin.

Requirements for the major in music:

Music 123, 124, 163, 164, 263, 264, 493; at least 12 additional hours in music history or theory courses. Majors are urged to complete Music 123, 124, 163, 164 no later than the end of the sophomore year. Some skill at the keyboard is required of all majors; consult the department. Students wishing to pursue graduate study in musicology are advised that a reading knowl-

edge of French and German is a general requirement for such study.

At least one upper-division January program is required to be taken in the major.

The point scale for retention of the major applies to all courses in music history and theory. All requirements for the major must be met in conventionally graded courses.

Attention is called to the interdisciplinary major in studies in western civilization.

¹Part-time.

Division of Social Sciences

Chairman, PROFESSOR WEISSBERG

INTERDEPARTMENTAL MAJORS

Interdepartmental majors are offered in administrative science-mathematics, economics-mathematics, philosophy-mathematics, and psychology-mathematics. Attention is called also to interdisciplinary majors in American studies, East Asian studies, studies in human development, and studies in western civilization.

Requirements for the major in administrative science-mathematics:

In administrative science: 221, 222, 321, 322, 353, 413, 494; and Economics 141, 142.

In mathematics: at least 18 credit hours, including 113, 212; either 241, 242 or 381, 382; at least six hours must be at the 300 or 400 level. Effective with the class of 1978: 221, 222 will be required instead of 113, 212.

Psychology 111, 291, and Sociology 221, 222 are recommended but not required.

Requirements for the major in economics-mathematics:

In economics: 141, 142, 233, 234, 394, 411, plus two additional semester courses.

In mathematics: 113, 212; 241 or 381; at least six hours elected from 311, 361, 362, 382, 421; additional hours to bring the mathematics total to a minimum of 18 credit hours. Effective with the class of 1978: 221, 222 will be required instead of 113, 212.

Requirements for the major in philosophy-mathematics:

In philosophy: 112 and either 133 or 211; 257, 331, 332; and one further course in the department.

In mathematics: at least 18 credit hours, including 113, 212,

361. Effective with the class of 1978: at least 18 credit hours, including 221, 222, 361.

Requirements for the major in psychology-mathematics:

In psychology: 111, 271, 391, and nine additional hours, to include at least one laboratory course.

In mathematics: 241, 242 or 381, 382; at least 12 additional credit hours, of which six must be at the 300 or 400 level.

For each of the above majors, at least one upper-division January program is required to be taken in the major.

The point scale for retention of each mathematics combination major applies to all courses offered toward the major. All requirements for the major must be met in conventionally graded courses.

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

ADMINISTRATIVE SCIENCE

Chairman, PROFESSOR W. ZUKOWSKI

Professor W. Zukowski; Associate Professor Knight; Assistant Professor Clarey.

Requirements for the major in administrative science:

Administrative Science 221, 222, 321, 322, 413, 494; two semesters of mathematics; Economics 141, 142; Psychology 111, 291 or Sociology 221, 222 (although only one of the latter two course sequences is required, it is recommended that both be completed); and two semester courses selected from the following: Mathematics 241, 242, 243, 244; Economics 233, 234; or any additional courses in administrative science.

The point scale for retention of the major applies to administrative science courses and to Mathematics 241, 242, 243, 244, and Economics 233, 234, where these courses are used to satisfy major requirements. All requirements for the major must be met in conventionally graded courses.

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

Attention is called to the interdepartmental major in administrative science-mathematics.

ECONOMICS

Chairman, ASSOCIATE PROFESSOR HOGENDORN

Professor Pullen; Associate Professors Hogendorn and Gemery¹; Visiting Associate Professor Roehl²; Assistant Professors Cox, Hanna, and Meehan; Mr. Mills³.

Requirements for the major in economics:

Economics 141, 142, plus 24 (30 for class of 1976 and following classes) additional credit hours in economics, including Economics 234 and 411. Also required is a satisfactory percentile rating in the undergraduate program field test in economics, given in the spring of the senior year. Administrative Science 221, 222 or 321, 322, and Mathematics 241, 242 or 381, 382 may be substituted for six of the 24 (12 of the 30 for class of 1976 and following classes) semester courses in advanced economics required for the major.

Students who wish to be recommended for graduate work in economics are urged to elect Economics 233, 234, 338, 393, 394, 411, and 494. A knowledge of mathematics through calculus and elementary statistics is essential. If a student intends to be a candidate for the PH.D. degree, he should also acquire a reading knowledge of at least one of the following languages: French, German, or Russian.

At least one independent January program is required to be taken in the major during the junior or senior year.

The point scale for retention of the major applies only to courses in economics, except that Administrative Science 221, 222 or 321, 322 and Mathematics 241, 242 or 381, 382 will be counted if substituted for courses in advanced economics in fulfilling the major requirement. All requirements for the major must be met in conventionally graded courses.

Attention is called to the interdepartmental major in economics-mathematics, and to the honors program (see description under Economics 491, 492).

¹Acting chairman second semester.

²Part-time second semester only.

³Part-time.

EDUCATION

Director, ASSOCIATE PROFESSOR JACOBSON

*Associate Professor Jacobson; Assistant Professor E. Pestana*¹.

Colby offers a three-year interdepartmental program of courses and field experiences that meets the minimal requirements for secondary-school-teacher certification in the fields of English, social studies, science, mathematics, Latin, American studies, environmental studies, and modern foreign languages². Because requirements vary from state to state, however, each student must assume responsibility for obtaining the pertinent information that

he needs³. For those students who wish to defer their education courses, many graduate schools offer the Master of Arts in Teaching program, which includes a paid teaching internship and regular courses leading to not only the M.A.T. degree but a teaching certificate in the state.

Program of studies:

Sophomore year: Education 213, 253, 254; Psychology 252. *Junior year:* Philosophy 333; Education 336, 353, 354. *Senior year:* Education 441, 442, 453, 454, and full-time teaching internship during January. English 411 or Modern Foreign Languages 411 may be required of students who desire to teach those subjects.

Every prospective teacher must consult with Professor Jacobson during the freshman year. A brochure is available from the dean of admissions or from the office of education, Room 114, Lovejoy Building.

¹Part-time.

²For those students interested in elementary-school-teacher or special-education certification, the sophomore and junior courses may be taken at Colby, and the balance of the program completed elsewhere.

³Most states require a concentration of 30 hours or more in a major (a commonly taught secondary-school subject) and 18 hours or more in education courses including student teaching. (N.B.) Some states, including Maine and New Hampshire, also require a concentration of 18 hours or more in a minor (a commonly taught secondary-school subject).

HISTORY AND GOVERNMENT

Chairman, PROFESSOR MAVRINAC

Professors Mavrillac, Gillum, Raymond, Weissberg, and Foner¹; Associate Professors Berschneider and Bridgman; Assistant Professors Kany, Rosen, Maisel¹, and Sacks; Messrs. Kodama, Farr², and Sontag³. The department offers majors both in history and in government.

Requirements for the major in history:

For members of the class of 1976 and subsequent classes: 12 semester courses in history, of which up to two may be in ancient history. Majors in history planning to do professional work in history are encouraged to enroll in a senior seminar, but this is not required. A comprehensive examination is to be passed in the senior year, given on a major field in which the student has taken at least four semester-courses, at least two of which are at the 300 or 400 level, and a minor field of two different subjects, at least one of which is at the 300 or 400 level. 100-level courses may not be offered for the comprehensive examination; a two-semester sequence may be offered only in its entirety. The fields of history

from which a major or minor field may be chosen are American, Afro-American, English, European, and East Asian.

At least one January program is required to be taken in the major.

The point scale for retention of the major applies to all courses in history and government. With the exception of History 111, 112, all requirements for the major must be met in conventionally graded courses.

Requirements for the major in government:

Ten semester courses in government. Students are expected to take at least one semester course in government numbered in the 400's. A comprehensive examination is to be passed in the senior year.

The point scale for retention of the major applies to all courses in government. All requirements for the major must be met in conventionally graded courses.

¹On leave second semester 1974-75.

²Part-time lecturer.

³Visiting lecturer second semester.

PHILOSOPHY AND RELIGION

Chairman, PROFESSOR PARKER

Professors R. Reuman, Todrank, and Parker; Associate Professor Hudson¹; Assistant Professors Thorwaldsen, McArthur, and Longstaff.

Requirements for the major in philosophy:

Philosophy 112, 211, 331, 332, 353, and 12 additional hours in philosophy, only six of which may be in 100-level courses.

Requirements for the major in philosophy and religion:

Religion 223, 224, 316, 321, 322. Philosophy 112, 211, 331, 332, 372, 373.

Requirements for the major in religion:

Religion 121, 122, 223, 224, 316, 321, 322, and two additional courses in religion, at least one of which must be at the 300 level or above.

While Philosophy 372 and 373 are not required, they are highly recommended and may be used to satisfy the requirement of two additional courses in religion.

For each of the above majors, at least one upper-division January program is required to be taken in the major. Philosophy or Religion 491 or 492, of at least three hours credit, may be substituted for this requirement but cannot also be used to satisfy course requirements for the major.

A maximum of two courses may be taken on a pass/fail basis in partial satisfaction of the requirements of any of the above majors. The point scale for retention of each of the above majors applies to all other courses that count toward the major.

Attention is called to interdepartmental majors in philosophy-mathematics and classics-philosophy (see list of requirements under Division of Humanities), and to the interdisciplinary majors in studies in human development and studies in western civilization.

¹On leave second semester 1974-75.

PSYCHOLOGY

Chairman, PROFESSOR GILLESPIE

Professors Johnson, J. Gillespie, Jenson, and P. Perez; Associate Professor Zohner; Assistant Professors Lester and Skowbo.

Requirements for the major in psychology:

Biology 111, 114; Psychology 111, 114, 271, 391, and 12 additional hours in psychology, to include at least one laboratory course.

The point scale for retention of the major applies to all courses offered toward the major, as prescribed above. All requirements for the major must be met in conventionally graded courses.

Attention is called to the interdepartmental major in psychology-mathematics and to the interdisciplinary major in studies in human development.

SOCIOLOGY

Chairman, ASSOCIATE PROFESSOR GEIB

Professor Birge; Associate Professors Geib and Rosenthal; Assistant Professors R. Doel and Morrione; Mr. Kingdon.

Requirements for the major in sociology:

Sociology 221, 222, and 24 additional hours in sociology, including Sociology 411, 412; any combination of four courses selected from history, government, psychology, and economics. A written comprehensive examination is to be passed.

At least one upper-division January program is required to be taken in the major.

The point scale for retention of the major applies to all courses in sociology. At least 30 hours of sociology credit must be earned in conventionally graded courses.

Attention is called to the interdisciplinary major in studies in human development.

Division of Natural Sciences

Chairman, PROFESSOR TERRY

INTERDEPARTMENTAL MAJORS

Interdepartmental majors are offered in geology-biology, geology-chemistry, and physics-mathematics. Attention is also called to the interdisciplinary major in environmental studies.

Requirements for the major in geology-biology:

In geology: 121, 122 or 141, 142 or 161, 162; 211, 281; six additional credit hours numbered 200 or higher.

In biology: 111, 114, 271; 12 additional credit hours. Substitutions may be made for 111 and 271 with departmental approval.

Other courses: Chemistry 141, 142; Mathematics 121 and one additional mathematics course numbered above 121. Physics 121, 122 is recommended.

A comprehensive examination is to be passed in the senior year in either geology or biology.

At least one upper-division January program is required to be taken in the major.

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

Requirements for the major in geology-chemistry:

In geology: beginning in the sophomore year, 241, 242, 281, 282, 321, 322.

In chemistry: 141, 142, 331, 332, 341, 342; Physics 121, 122; Mathematics 121, 122.

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

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

Requirements for the major in physics-mathematics:

In physics: 121, 122, plus four additional semester courses as approved. Most physics courses have prerequisites or corequisites in mathematics.

In mathematics: 113, 121, 122, 212, 311, and one additional semester course as approved. Effective with the class of 1978: 221, 222 will be required instead of 113, 212.

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

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

BIOLOGY

Chairman, PROFESSOR BENNETT

Professors Terry and Bennett; Associate Professor Easton¹; Assistant Professors Fowles², Gilbert, Champlin, Kestner¹, Newton, and Firmage³.

Requirements for the major in biology:

Two semesters of mathematics, including 121 (students who enter with Mathematics 121 or equivalent are required to take one semester of mathematics); Chemistry 141, 142; 32 hours in biology, including 111, 114, 271, 272, 301, 302 (substitutions may be made with departmental approval); one additional year of science. Chemistry 447 or 467 may be credited towards the biology major. The comprehensive examination in the major is administered near the middle of the senior year.

The point scale for retention of the major applies to Chemistry 141, 142; the required course(s) in college mathematics; and all courses in biology. All requirements for the major must be met in conventionally graded courses.

Biology 111, 114, 271, and 272 constitute a core program and are normally prerequisite to all higher-numbered biology courses. With special permission of the department, a student may arrange to take Biology 271 or 272 and higher-numbered biology courses concurrently. The inclusion of geology is advised for majors preparing for teaching or for work in the field aspects of biology. Students preparing for dental, medical, or veterinary schools must take Mathematics 122, Physics 121, 122, and Organic Chemistry; students preparing for graduate study in the biological sciences should also elect these courses. For most of these students, at least one further course in mathematics should be elected with the advice of the major department. Requirements for the PH.D. degree in areas of biological science usually include a reading knowledge of two modern foreign languages.

Students are encouraged to take courses at approved summer laboratories, and such courses may be approved for credit toward the major requirement.

Attention is called to the interdepartmental major in geology-biology and the interdisciplinary majors in environmental studies and studies in human development.

¹On leave 1974-75.

²On leave second semester 1974-75.

³Second semester only.

CHEMISTRY

Chairman, PROFESSOR REID

Professors Reid, Machemer, and Ray; Associate Professor Maier; Assistant Professors Smith¹ and Wakefield.

The department offers two major programs for the liberal arts student: the basic major and the ACS major (accredited by the American Chemical Society). Both majors involve the same core curriculum, but the basic allows more opportunity for study outside the chemistry department. The ACS major is more sharply focused toward further work in university graduate schools; a student graduating in this program receives official certification from the American Chemical Society.

Requirements for the basic major in chemistry:

Chemistry 141, 142, 241, 242, 331, 341, 342; Mathematics 121, 122; Physics 121, 122. Other courses or substitutions should be selected in consultation with the chairman of the chemistry department.

Requirements for the ACS accredited major in chemistry:

All courses required for the basic major, plus Chemistry 332, 411, 431. Two other semester courses may be taken as electives.

Both upper-division January programs should be taken in the major.

The point scale for retention of the major applies to all chemistry courses. All prospective chemistry majors should meet with the chairman as early as possible during the freshman year in order to plan their full chemistry programs. With the exception of Chemistry 432 and 434, all requirements for the major must be met in conventionally graded courses.

It should be noted that recently the ACS accredited program has been modified by the American Chemical Society, with the elimination of any particular required modern foreign language.

A sound program in the basic major meets most of the objectives of the ACS accredited one and will prepare a student to enter many professional or graduate schools, e.g., dental, medical, or veterinary schools (for these, certain biology courses should be included in the students' programs), as well as law, biochemistry, chemistry, environmental science, oceanography, and other schools. Students who plan careers in high-school science teaching should add courses in education.

Completion of either chemistry major with Biochemistry provides an excellent basis for graduate work in biochemistry, the medical sciences, and pharmacology.

At the end of their junior year, chemistry majors are encour-

aged to obtain summer employment in industrial or professional laboratories.

Seminars for the chemistry department are held on Tuesday evenings. Important topics are developed and discussed; chemistry majors are expected to attend, and seniors are required to participate.

Attention is called to the interdepartmental geology-chemistry major.

¹On leave 1974-75.

GEOLOGY

Acting Chairman, ASSOCIATE PROFESSOR H. PESTANA
Professor Koons¹; Associate Professor H. Pestana; Assistant Professors
Coleman and Allen.

Requirements for the major in geology:

Geology 121, 122 or 141, 142 (the preferred sequence) or 161, 162; 211; 214; 221 or 271; 242; 251; 281; 352; one year of college mathematics; and Chemistry 141, 142. Geology 321, 322 may be substituted for 214, and are recommended for professional preparation, as is one semester of Geology 491, 492.

At least one upper-division January program is required in the major. A comprehensive examination is to be passed in the senior year.

Students planning to teach in the secondary schools may select the *earth science option*; the requirements are: Geology 141, 142, 211, 214, 221, 222, 251, 281, 292; Chemistry 141. A comprehensive examination is to be passed in the senior year.

At least one upper-division January program is required to be taken in the major.

The point scale for retention of the major applies to all courses taken in the department. All requirements for the major must be met in conventionally graded courses.

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

Attention is also called to interdepartmental majors in geology-biology and geology-chemistry and the interdisciplinary major in environmental studies.

¹On leave 1974-75.

MATHEMATICS

Chairman, PROFESSOR L. ZUKOWSKI

Professors Combella and L. Zukowski; Associate Professor Small¹; Assistant Professors Hayslett, Lieberman, Shepardson, and Schnare; Mrs. Bassett².

Requirements for the major in mathematics:

Classes of 1976, 1977: Mathematics 113, 121, 122, 212, 361, 362, 421, 431, plus 12 credit hours selected from the following: 311, 314, 316, 332, 352, 372, 381, 382, 422, 432. Mathematics 221, 222 may be substituted for 113, 212.

Effective with class of 1978: Mathematics 121, 122, 221, 222, 361, 362, 401, 402, 421, 431, and 12 additional hours in mathematics selected from the following: 332, 352, 372, 381, 382, 422, 432.

At least one upper-division January program is required to be taken in the major.

The point scale for retention of the major applies to all courses taken in the department. All requirements for the major must be met in conventionally graded courses with the exception of Mathematics 401, 402, which will be nongraded.

Freshmen planning to major in mathematics or the physical sciences should elect in the sequence Mathematics 121, 122, 221, 222. Advanced placement or high-school background would determine exactly where a student should enter the sequence.

Freshmen planning to major in the life sciences or social sciences might plan to elect from the set Mathematics 113 (Linear Algebra); Mathematics 121, 122 (Calculus); Mathematics 241 (Elementary Statistics); Mathematics 243 (Finite Mathematics). Elementary Statistics has a prerequisite of Mathematics 121 or equivalent. Mathematics 243 is offered in alternate years and has a prerequisite of 113 or 121, or equivalent.

A brief introduction to the use of the computer terminals will be required in all 100- and 200-level mathematics courses. For students electing more than one such course, the work will be graduated accordingly.

Attention is called to the interdepartmental majors in administrative science-mathematics, economics-mathematics, philosophy-mathematics, physics-mathematics, and psychology-mathematics.

¹On leave first semester 1974-75.

²Part-time first semester only.

PHYSICS AND ASTRONOMY

Chairman, ASSISTANT PROFESSOR METZ

Associate Professor Dudley; Assistant Professors Metz and Briggs.

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:

Twenty-four credit hours in physics, including 121, 122, 211, 232, 321; Mathematics 121, 122, 221, 222; three additional credit hours in natural science. A comprehensive examination is normally required in the senior year.

Students preparing for graduate work in physics, a related science, or engineering should plan to elect eight additional hours of physics, including Physics 441, and six additional hours of mathematics, including Mathematics 311. Mathematics 121, 122 should be taken during the freshman year. It is strongly recommended that Chemistry 141, 142 be taken during the sophomore year, and that the college language requirement be fulfilled in French, German, or Russian.

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 the Division of Natural Sciences. All requirements for the major must be met in conventionally graded courses.

Attention is called to the interdepartmental major in physics-mathematics.

Interdisciplinary Studies

Interdisciplinary studies at Colby are coordinated through the interdisciplinary studies council, composed of the director, or a representative, from each interdisciplinary area plus three students and a member of the administration:

Chairman, PROFESSOR D. KOONCE

MEMBERS: Professors Bassett, Brancaccio, Elison, Gilbert, Johnson, Kingdon, D. Koonce, and H. Koonce; three students.

Interdisciplinary majors are offered in American studies, East Asian studies, environmental studies, studies in human development, and studies in western civilization. In addition, there are courses in Black studies and coordinated courses. Each area is

administered by an advisory committee and utilizes courses in several departments of the college.

AMERICAN STUDIES

Director, PROFESSOR BASSETT

ADVISORY COMMITTEE: *Professors Bassett (English), Bridgman (History), Foner (History), Gemery (Economics), Harris (English), Longstaff (Philosophy and Religion), Maisel (Government), Martin (English), Merideth (American Studies), W. Miller (Art), Neinstein (English), and W. Wyman (English); six students majoring in American studies elected by fellow majors.*

A student majoring in American studies at Colby is taught—in single courses and through a combination of courses—the subject matter of America's past and present, with special effort devoted to the integration and knowledge of more than one academic discipline. Built around a core of courses in American history and American literature, the American studies program strives for genuinely interdisciplinary insights into the complexities of American thought and culture.

Requirements for the major in American studies:

Five courses, to include, if possible, a senior seminar, in an area of concentration in either American literature or American history. These courses must demonstrate adequate chronological breadth, and include offerings at the 200, 300, and 400 levels.

Three courses in the area, American literature or history, not chosen as the area of concentration.

One senior seminar or independent study course with an American emphasis in a department other than the area of concentration.

Additional courses with an American emphasis to bring the total to at least 14 courses. These may be selected from a list available from the major adviser, and include offerings in art, biology, economics, education, geology, government, music, philosophy, psychology, religion, and sociology.

No courses numbered below 200 may be used to satisfy major requirements.

An oral comprehensive examination to be passed in the senior year, with examiners from the disciplines of American literature and American history.

At least one upper-division January program is required to be taken in the major.

The point scale for retention of the major applies to all courses offered toward the major. All requirements for the major must be met in conventionally graded courses.

Courses approved for the major:

AMERICAN STUDIES: 491, 492 Independent Study.

ART: 271 American Art; 356 Twentieth-Century Art; 491, 492 Independent Study.

BIOLOGY: 352 Ecological Theory.

ECONOMICS: 321, 322 Government Regulation; 338 Money and Banking; *351 Public Finance; *352 Fiscal Policy; †[353] Public Labor Relations and Manpower Policy; †[374] American Economic History; 411 History of Economic Thought; 491, 492 Independent Study.

EDUCATION: 336 History of American Education.

ENGLISH: 251d Major American Authors; 252d Introduction to American Studies; 338 Contemporary Literature; 351 Early American Authors; 352 The American Renaissance; 353 Realism and Naturalism; 354 Modern American Literature; 355 Black American Literature; 375 Modern Drama I; 376 Modern Drama II; 491, 492 Independent Study; 493, 494 Seminars in British and American Literature (when appropriate).

GEOLOGY: *221, 222 Map Interpretation and Geomorphology of the United States.

GOVERNMENT: 257 American Government and Politics; 314 American Constitutional Law; 321, 322 Political Theory; *356 Parties and the Electoral Process; †[391] The American Bureaucrat; 393 State and Local Government; 435d2 Seminar in American National Government and Politics; [436] American Politics Seminar: Voting Behavior; 457 Foreign Policy of the United States; 491, 492 Independent Study.

HISTORY: 223, 224 Survey of United States History; 273 The Industrial Revolution; 277 Black History I; 278 Black History II; 371 Modern American Elections; 374 Contemporary America, 1929 to Present; [375] American Colonial History; [376] The Era of the American Revolution, 1763-1789; 377 Historical Introduction to American Studies: The United States 1824-1850; 378 The United States, 1850-1880; 379 Black History III; 391d2 The American Civil War; *392 American Diplomatic History, 1775-1917; 393 Europe and the American Revolution; 394 The American South, 1819-1861; [416] Seminar in American History; 432 Seminar in Black History; 491, 492 Independent Study.

MUSIC: 491, 492 Independent Study.

PHILOSOPHY: 278 Philosophical Perspectives on America; 352 American Philosophy; 353 Contemporary Analytic Philosophy; 491, 492 Independent Study.

PSYCHOLOGY: 291d Social Psychology; 491, 492 Independent Study.

RELIGION: †[217] Religion in America; 281 Cultural Euthenics; 316d1 Contemporary Western Theology; 491, 492 Independent Study.

SOCIOLOGY: 222 Principles of Sociology; †[312] Short Courses in Sociology; 318 Contemporary Theory; 331 Contemporary Social Problems; †[333] Delinquency and Crime; 352 Race and Minorities; †[353] Urban Sociology; *361, 362 Cultural Anthropology; 374 Social Stratification; 391 Social Change; †[394] Collective Behavior; 491, 492 Independent Study.

BLACK STUDIES

Director, PROFESSOR BRANCACCIO

ADVISORY COMMITTEE: Professors Brancaccio (English), Foner (History), Gemery (Economics), Johnson (Psychology), and W. Wyman (English).

Activities in the area of Black studies began in 1969 with the formation of a Black studies subcommittee of the educational policy committee. The work of this committee has involved the encouragement of curriculum development, scholarly exchanges through visiting lecturers, faculty attendance at professional meetings such as the one held annually in Atlanta at the Center for Afro-American Studies, exchanges of students, and faculty visits to other colleges to keep abreast of developing programs. The committee also encourages the development of January program topics in this area. The history courses listed below may be offered as a field of concentration within the history major.

Courses offered in Black studies include:

ENGLISH: 355 Black American Literature.

HISTORY: 277 Black History I; 278 Black History II; 379 Black History III; 432 Seminar in Black History.

CENTER FOR COORDINATED STUDIES

Director, PROFESSOR JOHNSON

Acting Director, 1974-75, PROFESSOR H. KOONCE

Faculty Chairman, PROFESSOR BASSETT

FACULTY ASSOCIATES: Professors Bassett (English), Easton (Biology), Gilbert (Biology), Johnson (Psychology), Kenney (English), and D. Koonce (Classics).

FACULTY AFFILIATES: Professors Bassett (English), Benbow (English), Bratt (Classics), R. Doel (Sociology), Easton (Biology), Elison (Modern Foreign Languages), Ferster (English), Gilbert (Biology), Hudson (Philosophy), D. Koonce (Classics), H. Koonce (English), MacKay (English), Maisel (Government), Rosen (History), Sacks (Government), and Westervelt (Classics).

The concept and conduct of the Center for Coordinated Studies, which works in close liaison with other interdisciplinary programs, is as described on page 25 of this catalogue. Its offerings, reflecting the needs and experience of the participants, are subject to frequent modification. A separate brochure, outlining the center's function in greater detail and describing current programs, is available on request.

EAST ASIAN STUDIES

Director, PROFESSOR ELISON

ADVISORY COMMITTEE: *Professors Carpenter (Art), Elison (Modern Foreign Languages), Kodama (Government), Rosen (History), and Thorwaldsen (Philosophy and Religion).*

The program of East Asian studies contributes a new dimension to the traditional liberal arts curriculum by exposing the student to rich cultures beyond the scope of western civilization. The academic major in East Asian studies is in addition meant to be preparation for further specialized studies in graduate school. Study abroad during the junior year is encouraged; see FOREIGN STUDY section for information about Colby's participation in the Associated Kyoto Program and exchange agreement with Kansai University of Foreign Studies.

Requirements for the major in East Asian studies:

A minimum of two years of training in an East Asian language, and 21 additional credit hours obtained from courses in East Asian studies, selected with the approval of the program director.

The point scale for retention of the major applies to all courses offered toward the major. All requirements for the major must be met in conventionally graded courses.

Courses approved for the major:

EAST ASIAN STUDIES: 491, 492 Independent Study.

GOVERNMENT: 135 Imperialism and Nationalism in East Asia; 138 Japan and the United States in East Asia; 231 Contemporary Japanese Politics; 478 Seminar in Japanese Politics.

HISTORY: 133, 134 Introduction to the History of East Asia; 221, 222 History of East Asian Civilization; 359 Modern Japanese History; [363, 364] Cultural History of Japan; †[414] Seminar in Japanese History.

JAPANESE: 111, 112 Elementary Japanese; 113, 114 Intermediate Japanese; 131, 132 Introduction to Japanese Culture; 337, 338 Readings in Contemporary Japanese; 491, 492 Independent Study.

RELIGION: 321, 322 East Asian and Indian Religions; †[391, 392] Religion Seminars (when appropriate).

ENVIRONMENTAL STUDIES

Director, PROFESSOR GILBERT

STEERING COMMITTEE: *Professors Bennett (Biology), Chairman; Gilbert (Biology); Vice-President Jenson (Dean of Faculty); Professors Metz (Physics); H. Pestana (Geology); Reid (Chemistry); and L. Zukowski (Mathematics).*

ADVISORY COMMITTEE: *Professors R. Doel (Sociology); Gilbert (Biology), Chairman; Hayslett (Mathematics); H. Pestana (Geology); and Weissberg (Government); two students representing the Colby Environmental Council; Mr. T. Gordon (Cobbossee Watershed District); Mr. E. Keene (North Kennebec Regional Planning Commission); Dr. D. Koons (Maine Department of Conservation); Mrs. R. Strider (Waterville Conservation Commission); and Mr. M. Wiebe (Keep Maine Scenic Committee).*

A multidisciplinary major in environmental studies, based primarily on the natural sciences, was instituted in March 1971. Academic aims are to provide an understanding of ecosystems, an appreciation for contributions which different disciplines make to the field, an awareness about the roles of institutions that affect the environment, and a working experience with some aspect of the local, regional, or state environment.

Requirements for the major in environmental studies:

In biology: one semester course selected from 117, 138, or 271; one semester course selected from 111 or 118; and 352.

In chemistry: two semester courses selected from 111, 112 or 121, 122 or 141, 142.

In geology: two semester courses selected from 121, 122 or 141, 142 or 161, 162; one semester course selected from 172, 174, or 292; and 483, 484.

In mathematics: 241 or 381.

In physics: Physics 121 or Astronomy 131 (for the class of 1977 and after).

From the science areas, a student is urged to take at least two courses with laboratory.

An additional 10 credit hours from the approved list of courses in astronomy, biology, chemistry, geology, mathematics, and physics (for the class of 1977 and after, this requirement will be for an additional seven credit hours). Attention is called to a four-credit summer course in Applied Marine Ecology, offered in conjunction with TRIGOM.

Nine credit hours selected from the approved list of courses in administrative science, economics, government, and sociology.

At least one January program in environmental studies.

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

offered toward the major. All requirements for the major must be met in conventionally graded courses.

Courses approved for the major:

ASTRONOMY: 131 Descriptive Astronomy.

BIOLOGY: 111 The Cell, Mendelian Genetics, Mechanism of Evolution; 117 Ecology and Field Biology; 118 Ecology and Population; 138 Plant Biology; 271 Introduction to Ecology, Introduction to Plants; 352 Ecological Theory.

CHEMISTRY: 111 Studies in Environmental Biochemistry; 112 Topics in Chemistry; 121, 122 General Chemistry; 141, 142 General Chemistry and Elementary Analysis.

GEOLOGY: 121, 122 Introduction to Geological Science I; 141, 142 Introduction to Geological Science II (with laboratory); 161, 162 Problems in Geology; †[172] Oceanography I; †[174] Oceanography II (with laboratory); †[292] Meteorology; 483, 484 Environmental Geology.

MATHEMATICS: 241d Elementary Statistics; 381 Mathematical Statistics.

PHYSICS: 121 General Physics.

Approved courses from the Division of Natural Sciences include those listed above and the following:

BIOLOGY: *311 Taxonomy of Flowering Plants; †[313] Invertebrate Zoology; 318 Microbiology; †[319] Biology of the Lower Plants; 333 Chordate Evolution; *354 Marine Ecology; †[356] Inland Ecology; 358 Ecology Field Study; 376 Problems in Comparative Animal Physiology.

CHEMISTRY: 241, 242 Organic Chemistry.

GEOLOGY: 211 Sedimentation; *214 Rocks in Hand Specimen; *221, 222 Map Interpretation and Geomorphology of the United States; †[241, 242] Geologic Structures and Field Methods; 251 Invertebrate Paleontology; †[252] Micropaleontology; †[254] Advanced Invertebrate Paleontology.

MATHEMATICS: 242 Elementary Statistics; 382 Mathematical Statistics.

PHYSICS: 122 General Physics.

Approved courses from the Division of Social Sciences:

ADMINISTRATIVE SCIENCE: 354 Law; 413 Organizational Behavior.

ECONOMICS: 141, 142 Principles of Economics; †[374] American Economic History.

GOVERNMENT: 314 American Constitutional Law; 338 International Law; 393 State and Local Government.

SOCIOLOGY: 332 Human Ecology; †[353] Urban Sociology; 393 Complex Social Organizations.

STUDIES IN HUMAN
DEVELOPMENT

Director, MR. KINGDON

STEERING COMMITTEE: *Professors Bennett (Biology), Geib (Sociology), J. Gillespie (Psychology), and Parker (Philosophy).*

ADVISORY COMMITTEE: *Professors Birge (Sociology), Easton (Biology), Jacobson (Education), Kingdon (Sociology), P. Perez (Psychology), R. Reuman (Philosophy), and Todrank (Philosophy).*

A multidisciplinary study of the origin and development of man. Academic aims of the program are to provide an understanding of the development of man as a biological and psychological organism; an appreciation of the relationship between the individual and his social environment; an opportunity to consider possible future directions for both the individual and society; and working experience with a local, state, or regional agency involved in some aspect of human development.

Requirements for the major in studies in human development:

In biology: either 131, 132 or 111, 114.

In human development: 293, 294, 393, 394, 494.

In philosophy: one semester course selected from 211, 236, 281.

In psychology: 111 and two semester courses selected from 213, 252, 261, 262, 291.

In sociology: 221, 222 and two semester courses selected from 332, 337, 353, 361, 362, 373, 374, 391.

An additional nine credit hours above the introductory level in biology, economics, English or American literature, government, history, philosophy, psychology, religion, and sociology.

At least one January program in human development.

The point scale for retention of the major applies to all courses offered toward the major. All requirements for the major must be met in conventionally graded courses.

STUDIES IN WESTERN
CIVILIZATION

Director, PROFESSOR D. KOONCE

ADVISORY COMMITTEE: *Professors Benbow (English), Berschneider (History), Bundy (Modern Foreign Languages), Carpenter (Art), H. Koonce (English), Parker (Philosophy and Religion), and Westervelt (Classics).*

Each student majoring in studies in western civilization will draw up a provisional plan of study with his major adviser before choosing courses. This plan will be reviewed and can be revised by the adviser and the student before registration each semester. Since in a civilization program it is desirable to respond to a culture in its own terms, students in the western civilization major will be expected to pursue at least one classical or modern lan-

guage for at least one year beyond the all-college language requirement. The exact extent of this requirement, and the language involved, will be part of the plan agreed on by the student and his adviser. As a major of this kind offers students a rich opportunity for contributing to the education of one another, residence in the Center for Coordinated Studies is strongly recommended, although not required. The advisory committee for the studies in western civilization major encourages students to take advantage of opportunities for off-campus study currently available through the committee on foreign study and student exchange and the committee on special programs. Plans for off-campus study, which include provisions for meeting the requirements for the major, will be accepted in lieu of portions of the requirements below.

Requirements for the major in studies in western civilization:

Eighteen hours from courses listed in and counting toward a major in one of the following disciplines: art, classics, English, history, modern foreign languages, philosophy, religion. Nine of these credit hours must be concentrated in no more than two of the following periods of western culture: Greece, Rome, the Middle Ages, the Renaissance, the Enlightenment.

At least six hours in courses in two other disciplines that are in the same period(s) of concentration selected above, and which appear in the list of approved courses below.

Western Civilization 493 and 494. Western Civilization 297, 298, 397, and 398—one-credit coordinating seminars led by instructors who are advisers for the major.

Eight additional credit hours selected from the list of approved courses below.

Courses approved for the major:

ANCIENT HISTORY: *252d1 Greek History; †[254] Roman History; †[352] Athens in the Fifth Century; *353d2 Greece in the Fourth Century.

ART: 121, 122 Introduction to Art; †[311] The Art of Ancient Greece and Rome; †[312] Art of the Renaissance in Italy; *314d1 Baroque Art; *316 Art of the Renaissance in Northern Europe; 358 Medieval Art.

CLASSICS: 133 Myth and Literature; *232 Greek Tragedy; †[234] The Heroic Ideal in Early Greek Poetry.

ECONOMICS: †[372] European Economic History.

ENGLISH: 221, 222 Major British Writers; 331 Medieval Literature; 332 The Renaissance; †[333] The Seventeenth Century; 334d1 The Eighteenth Century; 351 Early American Authors;

371 Fiction I; [373] The Development of Dramatic Art I; [374] The Development of Dramatic Art II; *378 History of the English Language; 383, 384 Studies in Shakespeare; 391 d2 Chaucer; 392 Spenser; [393] Introduction to Shakespeare; *394 Milton; [431] Drama and Society; [432] Elizabethan London; 433d2 Restoration Literature; 493, 494 Seminar in English Literature (when appropriate).

FRENCH: 223 French Civilization; 355 Topics in Seventeenth-Century French Literature; 356 Topics in Eighteenth-Century French Literature.

GOVERNMENT: 321 Political Theory.

GREEK: all courses listed.

HISTORY: *231 Medieval Civilization, 476-1300; *232 Renaissance and Reformation, 1300-1648; 318 The Age of the Baroque; 335 A Constitutional and Legal History of Medieval England; *337d2 Tudor-Stuart England; 418 Seminar in Medieval History.

ITALIAN: †[211] Dante; †[212] Italian Literature of the Renaissance.

LATIN: all courses numbered above 112.

MUSIC: 123, 124 Introduction to Music; †[213] Medieval Music; *232 Music of the Renaissance; †[234] Baroque Music; †[237] Classical Music.

PHILOSOPHY: 331 History of Ancient Philosophy; 332 History of Modern Philosophy; *373d2 History of Medieval Philosophy; 392 Philosophy Seminar.

RELIGION: 223, 224 Biblical Literature; †[319] Primitive Religion; †[351] The Book of Job; [352] The Theology of Paul; *353 The Great Prophets of Israel; *358 Jesus of Nazareth; 391 Religion Seminar.

SPANISH: 351 El Siglo de Oro.

Division of Physical Education and Athletics

Acting Chairman, ASSISTANT PROFESSOR MCGEE

Associate Professor Bither; Assistant Professors McGee, Covell, Nelson, Hodsdon¹, Hodges, and Whitmore; Mr. Mukai, Ms. Mitchell, Messrs. Dulac and Cone.

The department of physical education and athletics offers required physical education classes, intramural sports, intercol-

legiate athletics (varsity and junior varsity), and informal recreational activities.

¹On leave first semester 1974-75.

PHYSICAL EDUCATION

Coordinator, ASSOCIATE PROFESSOR BIERER

Physical Education 1, 2: one year of physical education is required of all Colby students for graduation. Waivers are available for skilled students who do well in the screening tests in swimming, leisure-time sports, fitness, and posture, or who are members of varsity teams. An additional graduation requirement is to demonstrate ability to bob, float, and keep oneself above water.

A program of instruction in a wide variety of activities is offered on a coeducational basis. Activities presently in the program are *aquatics*: swimming, life saving, water-safety instructors' course, synchronized swimming, recreational swimming, canoeing; *leisure-time sports*: tennis, golf, squash, handball, racquet ball, skating, figure skating, archery, skiing, cross-country skiing, fencing, badminton, hiking and outdoor education, riding, bowling; *dance*: modern, folk, ballet, jazz ballet; *team sports*: touch football, basketball, volleyball, softball, field hockey, lacrosse; *other activities*: judo, gymnastics, body mechanics, Pounds Away Club, yoga, weight lifting, jogging.

INTRAMURALS

Coordinator, ASSISTANT PROFESSOR COVELL

Programs in intramurals are on a coeducational basis; each student is free to engage in the activities of his choice. Competition is organized in touch football, soccer, basketball, ice hockey, volleyball, skiing, track, squash, swimming, softball, tennis, cross-country, golf, and basketball free-throw. Teams are divided into fraternity and independent divisions, with a point system determining winners of each divisional trophy.

INTERCOLLEGIATE ATHLETICS

Athletics for men include varsity teams in indoor and outdoor track, cross-country, golf, lacrosse, tennis, skiing, squash, and swimming, and both varsity and junior varsity teams in football, soccer, basketball, hockey, and baseball.

Teams for women are in field hockey, tennis, gymnastics, fencing, women's ice hockey (club), basketball, bowling, badminton, and skiing.

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

Colby is a member of the New England Small College Athletic Conference, which also includes Amherst, Bates, Bowdoin, Hamilton, Middlebury, Trinity, Tufts, Union, Wesleyan, and Williams. The college is likewise a member of the National Collegiate Athletic Association, the Eastern College Athletic Conference, the New England Small College Athletic Conference, the Maine Intercollegiate Athletic Association, the Association for Intercollegiate Athletics for Women, the Eastern Association for Intercollegiate Athletics for Women, and the Maine Association for Physical Education and Intercollegiate Athletics for Women.

Division of Special Programs

Recognizing the fact that diverse interests exist in every community, and that even the most technically trained individual has a need to continue his education, Colby College maintains a division of special programs with a full-time director.

During the academic year, this division arranges such annual conferences as the Colby Institute for Management and the Sloan Institute on Hospital and Health Administration. Each summer, nearly 3,000 individuals from throughout the nation and other countries are on campus for courses and seminars ranging from Great Books to Occupational Hearing Loss.

Continuing-education programs in medicine and allied health fields constitute a significant portion of summer activities. Approximately 150 doctors enroll in the 10-week Lancaster Course in Ophthalmology. Three- to five-day seminars in Nuclear Medicine, Neurosurgical Techniques, Otolaryngology, Hematology, Forensic Medicine, Pulmonary Diseases, and Surgical Techniques are offered. New medical programs for 1975 include seminars in oncology and ophthalmology. Colby's medical programs are fully accredited by the American Medical Association's Council on Medical Education. In addition, some of the medical seminars are cosponsored by nationally recognized organizations, such as the American College of Physicians, the American Thoracic Society, and the American Society of Hematology.

Other summer programs include the Estate Planning and Tax Institute, Church Music, Industrial Hearing Testing, the Maine Methodist Conference, and various youth retreats.

Continuing education, adult courses, and Colby telecourses,

although not offered every year, are maintained in special programs, as is the use of Colby facilities by outside groups.

Information may be obtained by writing to the director, Robert H. Kany.

Courses of Study

KEY TO SYMBOLS AND METHODS 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;

400—ordinarily restricted to seniors.

The second digit may be:

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

an even number—either member of a pair of closely related semester courses (special permission of the department is required to take the second without the first);

an odd number—an independent semester course.

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

Thus *Art 271* may be elected no earlier than the sophomore year (as it is a 200 course); it is an independent one-semester course (shown by the 7, an odd number); and it is given in the first semester (since the final digit is also odd).

The letter *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 *D*. 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 1975-76.

* An asterisk indicates that the course will probably not be offered in 1976-77.

† A dagger indicates that the course will probably be offered in 1976-77.

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

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

Credit hours shown are per semester unless otherwise noted. Courses listing variable credit are offered basically for the smaller number of credits. Students can earn augmented credit in these courses by completing such extra work as the instructor may specify.

Administrative Science

<p>221e, 222 ACCOUNTING MRS. KNIGHT</p>	<p>The underlying theory and analytical aspects of accounting as a control device and tool of management, including an examination of the role of accounting in modern society—its relationship to law, economics, and social policy. <i>Three credit hours.</i></p>
<p>321, 322 FINANCE MR. ZUKOWSKI</p>	<p>An analytically structured approach to decision making in the financial area. Money and capital markets are considered. <i>Prerequisite:</i> Administrative Science 221, 222 and Economics 141, 142 or special permission. <i>Three credit hours.</i></p>
<p>341, 342 ADVANCED ACCOUNTING MR. ZUKOWSKI AND MRS. KNIGHT</p>	<p>Advanced study of accounting theory, with stress on analytical, interpretative, and managerial aspects of the subject. Concepts relating to major current accounting questions are examined. <i>Prerequisite:</i> Administrative Science 221, 222. <i>Three credit hours.</i></p>
<p>343, 344 MARKETING MR. CLAREY</p>	<p>Development of the broad concept of marketing as an all-pervasive organizational and societal function. The analytical and decision-making processes involved are studied through an introduction to quantitative techniques and the application of the social and behavioral sciences. <i>Prerequisite:</i> Administrative Science 221, 222 or Economics 141, 142. <i>Three credit hours.</i></p>
<p>353 MANAGERIAL ECONOMICS MR. ZUKOWSKI</p>	<p>The decision-making process examined in an economic context. <i>Prerequisite:</i> Administrative Science 221, 222 and Economics 141, 142 or special permission. <i>Three credit hours.</i></p>
<p>354 LAW MR. CLAREY</p>	<p>The processes of law that underlie personal and institutional relationships. <i>Four credit hours.</i></p>
<p>411 THE CONSUMER IN SOCIETY MRS. KNIGHT</p>	<p>Consumer behavior is examined within the framework of the financial and social institutions that comprise our complex society. Emphasis is given to those aspects related to financial goals, alternatives, and decisions. <i>Three credit hours.</i></p>
<p>412d1 INVESTMENTS STAFF</p>	<p>Traditional concepts of investment analysis and an examination of recent scientific research on securities markets and other investments. Aberrations in market behavior due to crowd psychology are considered.</p>

Prerequisite: Administrative Science 221, 222, 321, 322. *Three credit hours.*

413
ORGANIZATIONAL BEHAVIOR
MR. CLAREY

This course utilizes an historical and sociological orientation as it examines the existing empirical data and theoretical concepts dealing with the behavior of people in business and other organizations.

Prerequisite: Sociology 221, 222 or permission of the instructor. *Three credit hours.*

Note: This course may be offered cooperatively with Sociology 393. A student may not receive credit for both Administrative Science 413 and Sociology 393.

491, 492
INDEPENDENT STUDY
STAFF

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

Prerequisite: Permission of the instructor. *One to four credit hours.*

494
SENIOR SEMINAR
MR. ZUKOWSKI

Topics concerned with the broad administrative spectrum. Choice depends upon the interest and needs of the particular class.

Prerequisite: Administrative Science 221, 222, 321, 322, 413, and two additional semester courses in administrative science or from the approved group (see major requirements). *Four credit hours.*

American Studies

491, 492
INDEPENDENT STUDY
STAFF

Individual study of special problems in American studies in areas where the student has demonstrated the interest and competence necessary for independent work.

Prerequisite: Permission of the instructor and the program director. *One to four credit hours.*

Ancient History

IN THE DEPARTMENT OF CLASSICS

*252d1
GREEK HISTORY

Greece from the neolithic period to the sixth century, with emphasis on the Bronze Age generally and the Mycenaean period in

TAYLOR LECTURER	particular. Open to freshmen with permission of the instructor. <i>Three or four credit hours.</i>
†[254] ROMAN HISTORY	Topics in Roman history. Open to freshmen with permission of the instructor. <i>Three or four credit hours.</i>
†[352] ATHENS IN THE FIFTH CENTURY	The forces that shaped Athenian democracy and the cultural and political life distinctive of Periclean Athens. <i>Prerequisite:</i> Permission of the instructor. <i>Three or four credit hours.</i>
*353d2 GREECE IN THE FOURTH CENTURY MRS. KOONCE	The history of Greece from the death of Socrates to the rule of Alexander, drawing largely upon contemporary sources. <i>Prerequisite:</i> Permission of the instructor. <i>Three or four credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work. <i>Prerequisite:</i> Permission of the instructor. <i>One to three credit hours.</i>

Art

121, 122 INTRODUCTION TO ART STAFF	First semester: an analytical approach to the visual arts and the historical development of European art through the Middle Ages. Second semester: the history of western art from the Renaissance to the present. <i>Four credit hours.</i>
141, 142 DRAWING MISS MATTHEWS	Presents the fundamentals of representational drawing. Out-of-class drawing is very important. No previous drawing experience is needed. Enrollment limited. <i>Three credit hours.</i>
161d, 162d PRINCIPLES OF DESIGN I AND II MR. HIGGINS	Art 161: introduction to practical studio design problems in two-dimensional art, with some attention given to the third dimension. Art 162: further exploration into two-dimensional design problems, using watercolor as the principal medium, with emphasis on color and pictorial composition. Students must supply their own materials; out-of-class work is essential. Enrollment limited. Formerly listed as Art 221, 222. <i>Three credit hours.</i>

211d INTRODUCTION TO PAINTING PROBLEMS MR. HIGGINS	Problems in two-dimensional image making, using oils. Emphasis on principles of composition and representation, and characteristics of materials. Required for students anticipating further work in painting. Enrollment limited. <i>Prerequisite:</i> Art 141 and 161 (or 221); Art 142 is recommended. <i>Three credit hours.</i>
261, 262 BEGINNING SCULPTURE MISS MATTHEWS	Designed to help the student to acquire a foundation in the sculptural techniques of wood and stone carving and welding. It is recommended that the student take both semesters. Enrollment limited. <i>Prerequisite:</i> Art 141, 142. <i>Three credit hours.</i>
271 AMERICAN ART MR. MILLER	Architecture, sculpture, and painting from colonial times to the present. Lectures and problems make use of the original material in the Colby collections. <i>Three credit hours.</i>
†[311] THE ART OF ANCIENT GREECE AND ROME	Architecture, sculpture, and painting from the archaic period into Roman times. <i>Prerequisite:</i> Art 121 or permission of the instructor. <i>Three credit hours.</i>
†[312] ART OF THE RENAISSANCE IN ITALY	The art of the fifteenth and sixteenth centuries in Italy, with emphasis on the major painters and sculptors. <i>Prerequisite:</i> Art 121, 122 or permission of the instructor. <i>Three credit hours.</i>
*314d1 BAROQUE ART MR. MILLER	The art of Europe in the seventeenth and eighteenth centuries, with emphasis on the major painters. <i>Prerequisite:</i> Art 121, 122 or permission of the instructor. <i>Three credit hours.</i>
*316 ART OF THE RENAISSANCE IN NORTHERN EUROPE MR. CARPENTER	The art of France, Germany, and the Lowlands in the fifteenth and sixteenth centuries, with emphasis on the major painters from Van Eyck to Brueghel. Special attention is given to the graphic arts (woodcuts and engravings) in Germany. Formerly listed as Art 313. <i>Prerequisite:</i> Art 121, 122 or permission of the instructor. <i>Three credit hours.</i>
317 EUROPEAN ART SINCE 1800 MR. CARPENTER	Emphasis on French painting of the neoclassic, romantic, realist, impressionist, and postimpressionist movements. Formerly listed as Art 318.

	<i>Prerequisite:</i> Art 121, 122 or permission of the instructor. <i>Three credit hours.</i>
331d INTERMEDIATE PAINTING MR. HIGGINS	An opportunity for further study in painting, using either oils or acrylics. Enrollment limited. <i>Prerequisite:</i> Art 211d. <i>Three credit hours.</i>
335, 336 ADVANCED SCULPTURE MISS MATTHEWS	Further use of the techniques acquired in Beginning Sculpture in developing the student's own visual ideas. Enrollment limited. <i>Prerequisite:</i> Art 261, 262. <i>Three credit hours.</i>
†[352] THE GRAPHIC ARTS	History and criticism of drawing and print making, with emphasis on European art since the Renaissance. <i>Prerequisite:</i> Art 121, 122 or permission of the instructor. <i>Three or four credit hours.</i>
356 TWENTIETH-CENTURY ART MR. MILLER, MR. CARPENTER, AND MR. HIGGINS	The architecture, painting, and sculpture of the present century in Europe and America. Attention to particular problems in the art of the past 50 years will take precedence over a survey-like approach. <i>Prerequisite:</i> Three semesters of art, including Art 121, 122. <i>Two or three credit hours.</i>
358 MIEVIAL ART MR. AND MRS. MILLER	Architecture, sculpture, and painting of western Europe from the mid-sixth to the mid-thirteenth centuries. <i>Prerequisite:</i> Art 121. <i>Two credit hours.</i>
371d ADVANCED PAINTING MR. HIGGINS	A tutorial painting situation. Open to students who have shown capability in Art 331. Enrollment limited. <i>Three credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Individual study of special problems in the practice, history, or theory of the visual arts. <i>Prerequisite:</i> Permission of the instructor. <i>One to four credit hours.</i>
493 SEMINAR IN ART CRITICISM MR. CARPENTER	Primarily for senior art majors. Practice in employing critical method, reading, and discussion of various approaches to art criticism are directed toward study of the present state of knowledge in this field. Nongraded. <i>Three credit hours.</i>
499d ART TEACHING STAFF	Directed practice in conduct of discussion sections in art history. Open to a limited number of upperclass art majors. May not be included in basic 105 graded hours by students with 120-hour graduation requirement. Nongraded.

Prerequisite: Permission of the department chairman. *Two credit hours.*

Astronomy

IN THE DEPARTMENT OF PHYSICS AND ASTRONOMY

112
WORLD SYSTEMS
MR. DUDLEY

Major turning points in man's understanding of the physical universe. The course examines the history and content of revolutionary changes of thought about motion from Copernicus to Einstein, and provides an introduction to special relativity. Occasional laboratory work is designed to illustrate the concepts discussed. Permission of the instructor required for students who have completed Physics 121. Lecture and laboratory. Enrollment limited. *Three credit hours.*

131
DESCRIPTIVE ASTRONOMY
MR. BRIGGS

The earth, solar system, stars, galaxies, and universe. The course begins with a survey of what we know about our own planet, and progresses to a study of more complex systems. Some discussion of current theories of stellar evolution, the origin of the universe, and the observational evidence will be included. Lecture. *Three credit hours.*

Biology

111
THE CELL, MENDELIAN
GENETICS, MECHANISM OF
EVOLUTION
MR. NEWTON

An introduction to concepts of cell structure and function, Mendelian genetics, and the mechanism of evolution. Lecture and laboratory. *Four credit hours.*

114
VERTEBRATE BIOLOGY
MR. NEWTON

An introduction to the anatomy, embryology, and functions of the vertebrates. Lecture and laboratory.

Prerequisite: Biology 111 or equivalent. *Four credit hours.*

115, 116
CONCEPTS IN BIOLOGY
STAFF

Primarily designed for students majoring in the social sciences or humanities. Each course examines a few biological concepts in some depth. The relative amounts of time spent in the field, in the

laboratory, or in discussion of theory vary according to the topic covered. Satisfies the laboratory science distribution requirement. Cannot be counted toward the biology major. Enrollment limited. *Three credit hours.*

<p>117 ECOLOGY AND FIELD BIOLOGY MR. GILBERT</p>	<p>Natural patterns of the New England landscape are studied through field trips to selected habitats. Lectures relate these patterns to various environmental factors. Ecological concepts underlying the philosophy of "Spaceship Earth" are discussed. Satisfies the laboratory science distribution requirement. Cannot be counted toward the biology major. Enrollment limited. <i>Three credit hours.</i></p>
<p>118 ECOLOGY AND POPULATION MR. GILBERT</p>	<p>Population dynamics, topics in evolution, and animal behavior. The human "Population Bomb" and its ecological consequences are discussed. Does not satisfy the laboratory science distribution requirement. Cannot be counted toward the biology major. Enrollment limited. <i>Three credit hours.</i></p>
<p>[131] HUMAN EVOLUTION</p>	<p>The evolutionary origin of Man through study of selected original papers and short publications. Attention is given to the basic theory of evolution and the forces that are effective in the process. Does not satisfy the laboratory science distribution requirement. Cannot be counted toward the biology major. Enrollment limited. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>
<p>132 HUMAN EMBRYOLOGY AND REPRODUCTION MR. EASTON</p>	<p>Human reproduction, from germ cell formation through the gestation period, with attention to physiological and anatomical changes in mother and fetus as they occur during the process. Satisfies the laboratory science distribution requirement. Cannot be counted toward the biology major. Enrollment limited. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>
<p>138 PLANT BIOLOGY MR. FOWLES</p>	<p>An introduction to the principles of biology as illustrated by plants, with emphasis on structure, activities, and reproduction of green plants. Satisfies the laboratory science distribution requirement. Cannot be counted toward the biology major. Enrollment limited. Formerly listed as Biology 135. <i>Three credit hours.</i></p>
<p>271 INTRODUCTION TO ECOLOGY; INTRODUCTION TO PLANTS MR. GILBERT AND MR. FOWLES</p>	<p>Part I: introduction to ecological principles: structure and function of natural ecosystems, patterns of distribution, energy flow, nutrient cycling, and population dynamics. Field trips are taken to sites representative of terrestrial, fresh-water, and marine</p>

habitats. Part II: introduction to the biology of plants, with emphasis on the structure, activities, and reproduction of the green plants. Lecture and laboratory.

Prerequisite: Biology 111 or equivalent. *Four credit hours.*

272
CELL BIOLOGY
MR. CHAMPLIN

An introduction to the study of cellular and molecular biology: an examination of the structure and function of nuclear and cytoplasmic components, with emphasis on experimental findings. Instruction in basic histological and cytochemical techniques is included, in addition to studies of selected cellular properties. Lecture and laboratory.

Prerequisite: Biology 111 or equivalent and Chemistry 141, 142 (may be taken concurrently), or permission of the instructor. *Four credit hours.*

301, 302
BIOLOGY SEMINAR
STAFF

Discussion of contemporary topics in biology. Nongraded.

Prerequisite: Junior standing as a biology or geology-biology major. *One credit hour for the year.*

*311
TAXONOMY OF FLOWERING
PLANTS
MR. FIRMAGE

An introduction to the study of variation, evolution, and classification of flowering plants, and the techniques used by systematists in establishing relationships among plants. Identification of specimens that characterize the major families of flowering plants represented in the local flora is stressed. Lecture and laboratory.

Prerequisite: Biology 111, 114, 271, and 272, or permission of the instructor. *Four credit hours.*

†[313]
INVERTEBRATE ZOOLOGY

The morphology, physiology, and classification of the invertebrates. Lecture and laboratory.

Prerequisite: Biology 111, 114, 271, and 272, or permission of the instructor. *Four credit hours.*

314
PLANT PHYSIOLOGY
MR. FIRMAGE

The essential mechanisms of plant functions. Lecture and laboratory.

Prerequisite: Biology 111, 114, 271, and 272, or permission of the instructor. *Four credit hours.*

315
CELLULAR PHYSIOLOGY
MR. TERRY

An introduction to physiological processes, with emphasis on the functional organization of the cell, the cellular environment, membrane exchange mechanisms, excitability, and contractility. Lecture and laboratory.

Prerequisite: Biology 111, 114, 271, and 272, or permission of the instructor. *Four credit hours.*

317 ANIMAL HISTOLOGY MR. NEWTON	The structure of cells, tissues, and organs, principally of vertebrates, with aspects of function. Lecture and laboratory. <i>Prerequisite:</i> Biology 111, 114, 271, and 272, or permission of the instructor. <i>Four credit hours.</i>
318 MICROBIOLOGY MR. TERRY	The biology of bacteria and viruses. The aims of the course are to develop general knowledge in this area and to give practical experience in techniques. Lecture and laboratory. <i>Prerequisite:</i> Biology 111, 114, 271, and 272, or permission of the instructor. <i>Four credit hours.</i>
†[319] BIOLOGY OF THE LOWER PLANTS	Comparative studies of the morphology, development, physiology, and significance of algae, fungi, and bryophytes. Lecture and laboratory. <i>Prerequisite:</i> Biology 111, 114, 271, and 272, or permission of the instructor. <i>Four credit hours.</i>
332 DEVELOPMENTAL BIOLOGY MR. CHAMPLIN	A study of development, with emphasis on the experimental findings that have led to present ideas of the morphological and chemical processes underlying the development and growth of organisms. Lecture and laboratory. <i>Prerequisite:</i> Biology 111, 114, 271, and 272, or permission of the instructor. <i>Four credit hours.</i>
333 CHORDATE EVOLUTION MR. EASTON	Origin of vertebrate form through consideration of homologies in extinct and living organisms. Lecture and laboratory. <i>Prerequisite:</i> Biology 111, 114, 271, and 272, or permission of the instructor. <i>Four credit hours.</i>
352 ECOLOGICAL THEORY MR. GILBERT AND MR. FIRMAGE	Opposing views regarding the regulation of population abundance and the nature of the biotic community; analyses of mathematical models of the ecological niche, life tables, population dispersion, and species diversity; perspectives concerning the basis of our environmental crisis. Readings from contemporary sources will be discussed. Lecture only. <i>Prerequisite:</i> Biology 111, 114, 271, and 272, or permission of the instructor. <i>Two credit hours.</i>
*354 MARINE ECOLOGY MR. GILBERT	Field and laboratory studies on estuarine and coastal organisms; quantitative sampling methods and analysis of data will be accomplished through group and individual projects that include occasional weekend trips to the coast. Laboratory and discussion.

Prerequisite: Biology 352 (may be taken concurrently). *Two credit hours.*

†[356]
INLAND ECOLOGY

Field and laboratory studies on terrestrial and fresh-water organisms; quantitative sampling methods and analysis of data will be accomplished through group and individual projects. Laboratory and discussion.

Prerequisite: Biology 352 (may be taken concurrently). *Two credit hours.*

358
ECOLOGICAL FIELD STUDY
STAFF

A trip to a south temperate or tropical area during the spring recess. Students must cover travel expenses. Planned for the spring of 1976 is a trip to the Bermuda Biological Station, where aspects of sediment-organism relationships are to be studied.

Prerequisite: Biology 352 (may be taken concurrently) or permission of the instructor. *One credit hour.*

371
GENETICS
MR. CHAMPLIN

The mechanisms of inheritance, with emphasis on experimental findings. The physical and chemical bases for the behavior of genes in individuals and populations are examined.

Prerequisite: Biology 111, 114, 271, and 272, or permission of the instructor. Lecture only: *three credit hours*; lecture and laboratory: *four credit hours.*

376
PROBLEMS IN COMPARATIVE
ANIMAL PHYSIOLOGY
MISS BENNETT

Studies of the manners in which animals of major phyla cope with their functional problems. Both ecological and evolutionary correlations are stressed. Lectures only. Augmented credit of one hour based on the addition of laboratory studies emphasizing the methods of comparative physiology.

Prerequisite: Biology 111, 114, 271, and 272, or permission of the instructor. *Three or four credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Normally open only to senior biology majors whose work in the department has been of better-than-average quality.

Prerequisite: Permission of the department. *One to four credit hours.*

Chemistry

111
STUDIES IN ENVIRONMENTAL
BIOCHEMISTRY

A few situations in which polluting and ultimately toxic chemicals intrude upon the proper functioning of biochemical systems will be studied in great detail. Intended for environmental studies

MR. MAIER	majors or as a nonlaboratory course for nonscience majors. Enrollment limited. <i>Three credit hours.</i>
112 TOPICS IN CHEMISTRY MR. SMITH	Chemistry is treated as a subdivision of natural philosophy rather than of technology. Subjects covered will include atomic structure, nuclear energy, radioactivity, energy relationships, and environmental problems. Intended for nonscience majors; does not satisfy the laboratory science distribution requirement. <i>Three credit hours.</i>
121e, 122 GENERAL CHEMISTRY MR. MACHEMER	Fundamental principles, with examples selected from inorganic chemistry; stoichiometry; atomic theory; chemical bonding; thermochemistry; gases, liquids, and solids; solutions; chemical equilibria; electrochemistry; chemistry of certain important elements; radioactivity. Lecture. <i>Three credit hours.</i>
141e, 142 GENERAL CHEMISTRY AND ELEMENTARY ANALYSIS MR. MACHEMER	Lectures and text the same as 121e, 122 but with four hours of discussion-laboratory added. The first-semester laboratory is concerned with gravimetric analysis, the second with volumetric analysis and qualitative analysis. <i>Four credit hours.</i>
221e, 222 ORGANIC CHEMISTRY MR. REID	The chemistry of carbon compounds, aliphatic, aromatic, and heterocyclic, from the point of view of synthesis, structure, properties, and uses. Lecture. <i>Prerequisite: Chemistry 122. Three credit hours.</i>
241e, 242 ORGANIC CHEMISTRY MR. REID	Lecture and text material the same as 221e, 222 but with laboratory sessions added: separations, purifications, syntheses, determination of important properties, elementary analysis. Lecture, discussion, and laboratory. <i>Prerequisite: Chemistry 142. Five credit hours.</i>
331 QUANTITATIVE ANALYSIS MR. RAY	A theoretical and practical study of fundamentals of gravimetric and volumetric methods of analysis. Laboratory work emphasizes the acquisition of manipulative skills. Lectures are devoted to principles underlying chemical analysis, literature of analytical chemistry, precision, and sources of error. Lecture and laboratory. <i>Prerequisite: Chemistry 142. Four credit hours.</i>
332 INSTRUMENTAL ANALYTICAL CHEMISTRY	Theoretical and practical instruction in special instrumental methods. Laboratory work involves potentiometric determinations, atomic, ultra-violet, infra-red, and nuclear magnetic reso-

MR. MACHEMER	nance studies, polarography, gas chromatography, and radio chemistry. Lecture, discussion, and laboratory. <i>Prerequisite:</i> Chemistry 331, 342, and Mathematics 122 (may be taken concurrently with Chemistry 342). <i>Four credit hours.</i>
341, 342 PHYSICAL CHEMISTRY MR. RAY	The laws governing the physical and chemical behavior of substances, emphasizing the theories and methods of physical chemistry and the application of physical chemical principles to the solution of problems. Lecture, discussion, and laboratory. <i>Prerequisite:</i> Chemistry 331, Mathematics 122 (may be taken concurrently with Chemistry 341), and Physics 122. <i>Five credit hours.</i>
411 INORGANIC CHEMISTRY MR. SMITH	Current models and concepts of inorganic chemistry, with emphasis on both reaction and structural aspects, including nuclear chemistry, acid-base theory, chemical bonding, periodic properties, and coordination compounds. Lecture. <i>Prerequisite:</i> Chemistry 342. <i>Four credit hours.</i>
431 QUALITATIVE ORGANIC ANALYSIS MR. REID	The systematic identification of organic compounds. Lecture and laboratory. <i>Prerequisite:</i> Chemistry 332, 342. <i>Four credit hours.</i>
432 ADVANCED ORGANIC CHEMISTRY MR. REID	Advanced topics, varied to suit the needs of the students: alicyclics, heterocyclics, natural products, reaction mechanisms, molecular rearrangements. Lecture. <i>Prerequisite:</i> Chemistry 242. <i>Two credit hours.</i>
434 ADVANCED PHYSICAL CHEMISTRY MR. SMITH	Important topics in molecular structure and behavior are discussed from a rigorous point of view. The material can be varied to suit the needs of the student in areas of elementary quantum mechanics, symmetry and group theory, molecular spectroscopy, and statistical mechanics. Lecture. <i>Prerequisite:</i> Chemistry 342. <i>Three credit hours.</i>
447, 448 BIOCHEMISTRY MR. MAIER	Chemical components of living matter and of the major processes of cellular metabolism, including the fundamental chemical characteristics of biological compounds and enzymatic reactions. Biology 111 and 114 are recommended as preparation. Lecture. <i>Prerequisite:</i> Chemistry 242 and 342 or permission of the department. <i>Four credit hours.</i>

467, 468
BIOCHEMISTRY
MR. MAIER

Lecture and text material the same as 447, 448 but with laboratory sessions added.
Prerequisite: Chemistry 242 and 342 or permission of the department. *Five credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Laboratory work of a special (semiresearch) nature may be arranged with the instructor. Three to nine hours per week. *One to three credit hours.*

494
SEMINAR IN BIOCHEMISTRY
MR. MAIER

Reading and discussion of current literature, emphasizing a common theme in an emerging area of biochemistry.
Prerequisite: Chemistry 447 or 467 or permission of the department. *Two credit hours.*

Classics (IN TRANSLATION)

IN THE DEPARTMENT OF CLASSICS

These courses require no knowledge of Latin or Greek. Attention is called also to courses in ancient history.

133
MYTH AND LITERATURE
MR. WESTERVELT

While the plots and characters of Greek literature are from the beginning drawn almost invariably from the realm of Greek mythology, the treatment of mythic material depends on the literary form to which it is adapted and the age for which it is written. Readings will focus on the development of a few well-known myths from the archaic age through the fifth century, and will include Homer's *Odyssey*, selections from the lyric poets, Pindar, and Bacchylides, and representative tragedies of Aeschylus, Sophocles, and Euripides. *Three or four credit hours.*

*232
GREEK TRAGEDY
MR. WESTERVELT

The development of tragedy as a dramatic form and its relationship to the contemporary changes in Athenian democracy. Readings will include major plays of Aeschylus, Sophocles, and Euripides, and the parody of tragedy in the *Frogs* of Aristophanes. *Three or four credit hours.*

‡[234]
THE HEROIC IDEAL IN EARLY
GREEK POETRY

Particular emphasis on Homer's *Iliad* and the odes of Pindar, with some attention to modifications of the heroic ideal that appear in Attic tragedy. *Three or four credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

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

Prerequisite: Permission of the instructor. *One to three credit hours.*

East Asian Studies

491, 492
INDEPENDENT STUDY
STAFF

Individual study of special problems in East Asian civilization, offered in the departments which participate in the program.

Prerequisite: Permission of the instructor and the program director. *One to four credit hours.*

Economics

141, 142
PRINCIPLES OF ECONOMICS
STAFF

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

231d
ECONOMIC ANALYSIS AND
PUBLIC POLICY
STAFF

The methods of economic analysis studied in the first-year course will be applied to various matters of current economic policy. Each section will consider different policy problems, examples of which might include the economics of warfare, welfare, population growth, the mystique of growth, economics of ecology and the environment, urban economics, poverty and discrimination, tax inequities, and the economics of education and medicine. A description of the topics offered by section will be available at registration.

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

233
MACROECONOMIC THEORY
MR. HANNA

Aggregate economic analysis, with emphasis upon the Keynesian theory of the determination of income and employment. Examination of recent post-Keynesian developments and critical analysis of historical development of the theory and policies associated with it.

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

234
MICROECONOMIC THEORY

Theoretical concepts involved in the determination of price and output in a market economy. Analysis of both commodity and

MR. MEEHAN	factor markets will be undertaken. Required of all majors. <i>Prerequisite:</i> Economics 141, 142. <i>Three credit hours.</i>
321, 322 GOVERNMENT REGULATION MR. MEEHAN	The role of government in a private-enterprise economy. First semester: industrial organization and antitrust economics, with reference to specific industries and antitrust cases. Second semester: examination of specific regulated markets and the rationale for regulation. <i>Prerequisite:</i> Economics 141, 142. <i>Three or four credit hours.</i>
*333 ECONOMIC DEVELOPMENT MR. HOGENDORN	The developing areas and their prospects for economic betterment. Analysis of the techniques involved and the problems to be encountered in the growth process. Formerly listed as Economics 343. <i>Prerequisite:</i> Economics 141, 142. <i>Three or four credit hours.</i>
338 MONEY AND BANKING MR. HANNA	The money market: supply models of money creation, and alternative approaches to the demand for money. The role of money, credit, and banking in the American economy, and the applicability of monetary policy to the problems of economic stability. <i>Prerequisite:</i> Economics 141, 142. <i>Three or four credit hours.</i>
*351 PUBLIC FINANCE INSTRUCTOR	The economic rationale of the public sector. The supply and demand of public goods, welfare criteria for optimal resource allocation, and the need for political action. Principles of efficient and equitable taxation. Cost-benefit analysis and the evaluation of public activities. <i>Prerequisite:</i> Economics 141, 142. <i>Three or four credit hours.</i>
*352 FISCAL POLICY INSTRUCTOR	The theory and policy of economic stabilization, the goals of stabilization policy and the use of the federal budget to achieve them. The Phillips curve and the use of direct controls. The role of intergovernmental fiscal relations will also be considered. <i>Prerequisite:</i> Economics 141, 142. <i>Three or four credit hours.</i>
†[353] PUBLIC LABOR RELATIONS AND MANPOWER POLICY	Development of public policy toward unions and collective bargaining. Some critical issues of manpower policy—minority group problems, discrimination in employment and in unions, national manpower needs and resources, investment in human capital. <i>Prerequisite:</i> Economics 141, 142. <i>Three credit hours.</i>
†[355] WAGES, EMPLOYMENT, AND COLLECTIVE BARGAINING	Wage determination and manpower allocation in union and nonunion labor markets. Implications of collective bargaining for such current issues as employment, inflation, national wage policy, and nonwage conditions of work.

Prerequisite: Economics 141, 142. Three credit hours.

†[372]
EUROPEAN ECONOMIC
HISTORY

The framework of economic analysis applied to European historical patterns and trends. Aspects of industrialization, capital accumulation, technology change, trade and migration, and effects of entrepreneurial and government decisions.

Prerequisite: Economics 141, 142. Three or four credit hours.

†[374]
AMERICAN ECONOMIC
HISTORY

The framework of economic analysis applied to American historical patterns and trends. Aspects of industrialization, capital accumulation, technology change, trade and migration, and effects of entrepreneurial and government decisions.

Prerequisite: Economics 141, 142. Three or four credit hours.

[376]
ECONOMICS OF
TRANSPORTATION

The role of transportation in its contribution to the economy. Descriptions and comparisons of different modes and their required resources; the effect on the economy of transportation-related problems, now and in the future.

Prerequisite: Economics 141, 142. Three credit hours.

†[381, 382]
INTERNATIONAL ECONOMICS

The nature of international economic relations, including the theory of international trade, international monetary analysis, monetary reform, capital movements and unilateral transfers, commodity agreements and cartels, international economic organizations.

Prerequisite: Economics 141, 142. Three or four credit hours.

*392
COMPARATIVE ECONOMIC
SYSTEMS
MR. HOGENDORN

The basic types of economic systems, with special attention to problems of economic management, planning, and development. Emphasis is on western Europe, Japan, the Soviet Union, and China. Formerly listed as Economics 344.

Prerequisite: Economics 141, 142. Three or four credit hours.

393
INTRODUCTION TO
ECONOMETRICS
MR. HANNA

Applications of basic mathematical and statistical concepts to economic analysis. Model building: specifications, estimations, tests, and forecasting. Quantitative tools and the links between economic prior and posterior decisions.

Prerequisite: Economics 141, 142. Three credit hours.

394
ECONOMETRICS
MR. HANNA

Introduction to the empirical testing of economic relationships. Regression theory, multiple regression, the least-squares assumptions, errors in the variables, serial correlation, and other problems. Simultaneous equations, identification, various estimating techniques.

Prerequisite: Economics 141, 142 and either Economics 393, Mathematics 241, or Mathematics 381. *Three credit hours.*

411
HISTORY OF ECONOMIC
THOUGHT
INSTRUCTOR

An examination and appraisal of the development of economic theory. Major writing from the mercantilist period through the Keynesian is included. Extensive use of source material. Required of all majors.

Prerequisite: Economics 141, 142 and senior standing. *Three credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Independent study devoted to a topic chosen by the student with the approval of the department. Students may be invited by the department to prepare a thesis in the second term, successful completion and defense of which will result in the degree being awarded "with honors in economics."

Prerequisite: Senior standing as economics major. *One to four credit hours.*

494
SENIOR SEMINAR
INSTRUCTOR

Advanced topics in economic analysis and policy will be considered in a seminar held once weekly. Students will be expected to prepare and deliver seminar papers on advanced topics in economic analysis and policy.

Prerequisite: Senior standing as economics major. *Three credit hours.*

Education

213
SOCIOLOGY OF EDUCATION
MR. JACOBSON

The interaction between education and schooling, and school and society; school roles, functions, governance and control, and conflicts. From the viewpoint of the school: learning and teaching, curriculum, and innovations; from that of the teacher: motives, characteristics, preparation, certification, professional organizations, and problems. The goal is attainment of a personal viewpoint on teaching. Open to prospective teachers. Prerequisite to Education 441. See also Education 253.

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

252
DEVELOPMENTAL PSYCHOLOGY
MR. ZOHNER

Listed as Psychology 252 (*q.v.*). Prerequisite to Education 441. See also Education 254. *Three credit hours.*

<p>253, 254 FIELD EXPERIENCE IN EDUCATION MRS. PESTANA</p>	<p>Five hours weekly to be served as an assistant teacher in a local elementary school. Education 253 or 254 prerequisite to Education 441. May not be included in basic 105 graded hours required for graduation. Nongraded. <i>Prerequisite:</i> Permission of the instructor. <i>Two credit hours.</i></p>
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<p>333 PHILOSOPHY OF EDUCATION MR. HUDSON</p>	<p>Listed as Philosophy 333 (<i>q.v.</i>). Prerequisite to Education 441. See also Education 353. <i>Three credit hours.</i></p>
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<p>336 HISTORY OF AMERICAN EDUCATION MR. JACOBSON</p>	<p>American public elementary and secondary schools: a study of continuity and change, with special attention given to governance and control. Prerequisite to Education 441. See also Education 354. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>
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<p>352 AMERICAN PHILOSOPHY MR. HUDSON</p>	<p>Listed as Philosophy 352 (<i>q.v.</i>). <i>Three credit hours.</i></p>
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<p>353, 354 FIELD EXPERIENCE IN EDUCATION MRS. PESTANA</p>	<p>Five hours weekly to be served as an associate teacher in a local junior high school. Education 353 or 354 prerequisite to Education 441. May not be included in basic 105 graded hours required for graduation. Nongraded. <i>Prerequisite:</i> A major commonly taught in secondary school, and permission of the instructor. <i>Two credit hours.</i></p>
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<p>411 THE TEACHING OF ENGLISH OR MODERN FOREIGN LANGUAGES STAFF</p>	<p>Listed as English 411 or Modern Foreign Languages 411 (<i>q.v.</i>). Required of majors who desire the Maine secondary-school-teaching certificate. <i>Three credit hours.</i></p>
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<p>441, 442 INTERNSHIP MR. JACOBSON</p>	<p>Secondary-school curricula, materials, media, and methods; basic models of teaching, learning environments, and planning. Professionalization of teachers: organizations, power, collective bargaining, constraints, and opportunities. Full-time teaching required in January. See also Education 453, 454. Nongraded. <i>Prerequisite:</i> A major commonly taught in secondary school, and permission of the instructor. <i>Three credit hours.</i></p>
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453, 454
FIELD EXPERIENCE IN
EDUCATION
MR. JACOBSON

Five hours weekly to be served as a student teacher in a local high school. 453 required of those students who will teach locally in January. May not be included in basic 105 graded hours required for graduation. Nongraded.

Prerequisite: A major commonly taught at the senior high school level, and permission of the instructor. *Three credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Independent study of advanced topics and areas of individual interest in research and development.

Prerequisite: Permission of the instructor. *One to three credit hours.*

English

111, 112
ENGLISH FUNDAMENTALS
MR. HARRIS AND STAFF

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

Prerequisite: Recommendation of the department. A student may be passed to English 115 at the end of any term of English 111 or 112. *Three credit hours.*

115
ENGLISH COMPOSITION
MS. FERSTER AND STAFF

Frequent practice in expository writing to foster clarity of organization and expression in the development of ideas. The assigned reading will vary from section to section, but all sections will discuss student writing. Required for freshmen unless exempted. *Three credit hours.*

117, 118
CREATIVE WRITING
MR. MIZNER AND MR. SWENEY

Introduction to the writing of poetry and fiction, with emphasis on student manuscripts.

Prerequisite: English 115 or exemption. *Three credit hours.*

152d
INTRODUCTION TO
LITERATURE
MR. MACKAY AND STAFF

Poetry, prose, and drama from different times and cultures. Topics and texts will vary from section to section, but all sections will emphasize close reading and detailed analysis of imaginative literature and careful critical writing.

Prerequisite: English 115 or exemption. *Three credit hours.*

171
GENERAL SPEECH
MR. WITHAM

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

<p>216 EXPOSITORY WRITING MR. KOONCE</p>	<p>A writing workshop for further practice in expository prose, coordinated with other courses, in which student papers will be presented for criticism in order that they may be revised for final submission. An optional meeting each week will examine the style of modern nonfiction prose by such writers as E. M. Forster, Virginia Woolf, and James Baldwin.</p> <p><i>Prerequisite:</i> English 115, permission of the instructor, and concurrent enrollment in at least one of the following courses: Art 122, Classics 234, English 152, or Philosophy 124. <i>One to three credit hours.</i></p>
<p>217 INTERMEDIATE FICTION WORKSHOP MR. GILLESPIE</p>	<p>Practice in the writing of short stories, with major emphasis on student manuscripts.</p> <p><i>Prerequisite:</i> English 117 or 118 or permission of the instructor. <i>Three credit hours.</i></p>
<p>218 INTERMEDIATE POETRY WORKSHOP MR. GILLESPIE</p>	<p>Practice in the writing of poetry, with major emphasis on student manuscripts.</p> <p><i>Prerequisite:</i> English 117 or 118 or permission of the instructor. <i>Three credit hours.</i></p>
<p>221, 222 MAJOR BRITISH WRITERS MR. ARCHIBALD AND OTHERS</p>	<p>An introduction to British literature, with emphasis on detailed analysis and comparative readings, and some attention to the various methods of inquiry and attempts at understanding. First semester: Beowulf through Milton; second semester: Dryden to the beginnings of the modern movement. <i>Three credit hours.</i></p>
<p>251d MAJOR AMERICAN AUTHORS MR. BRANCACCIO AND MR. SWENEY</p>	<p>An introduction to American literature, with emphasis on detailed analysis and comparative readings, and some attention to the various methods of inquiry and attempts at understanding. <i>Three credit hours.</i></p>
<p>252d INTRODUCTION TO AMERICAN STUDIES MR. BRANCACCIO AND OTHERS</p>	<p>A selected aspect of American thought and culture, employing tools of other academic disciplines to supplement the basic literary orientation of the course. May be repeated once for added credit with permission of the department. <i>Three credit hours.</i></p>
<p>271 ARGUMENTATION AND DEBATE MR. WITHAM</p>	<p>Principles of argumentation, with application in extended persuasive speeches and formal debate.</p> <p><i>Prerequisite:</i> English 171 or permission of the instructor. <i>Three credit hours.</i></p>

297, 298 SELECTED TOPICS STAFF	Subjects and inquiries not otherwise offered by the department, mostly in response to student initiative and varying in method and format. Students wishing to initiate such a course should formulate a coherent proposal at least one semester in advance, secure the approval of an instructor, and see the chairman of the department. <i>One to three credit hours.</i>
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†[315] ADVANCED EXPOSITION	Rhetorical principles and characteristics of style in the works of major prose writers. Frequent exercises in imitation will supplement a considerable amount of original composition. Formerly listed as English 215. <i>Three credit hours.</i>
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331 MEDIEVAL LITERATURE MR. MACKAY	<i>Beowulf</i> and other Old English elegiac and heroic poetry, <i>Sir Gawain and the Green Knight</i> , Old and Middle English religious and secular lyrics, and <i>The Canterbury Tales</i> . <i>Three credit hours.</i>
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332 THE RENAISSANCE MR. BENBOW	The influence of Renaissance and Reformation thought on the literature of the English Renaissance. Readings will be drawn from the intellectual backgrounds, Spenser, selected plays of the early sixteenth century and of Marlowe, Kyd, Shakespeare, Tourneur, and Webster. <i>Three credit hours.</i>
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†[333] THE SEVENTEENTH CENTURY	Poetic and intellectual traditions in the late sixteenth and seventeenth centuries as represented by Shakespeare, Donne, Milton, Dryden, and selected minor poets. <i>Three credit hours.</i>
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334d1 THE EIGHTEENTH CENTURY MR. SUTHERLAND	Selected works by Pope, Swift, Johnson, Blake, and other poets, essayists, novelists, and dramatists of the century. <i>Three credit hours.</i>
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335 THE ROMANTIC PERIOD MR. MIZNER	Representative poems of the major romantic poets, with ancillary readings in the novel and the drama designed to explore and test the political, conceptual, and imaginative coherence of romanticism and its relationship to earlier literature. <i>Three credit hours.</i>
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336 THE VICTORIAN PERIOD MISS CURRAN	The world of early and mid-Victorian England—roughly 1832-70—and of the poetry, fiction, and nonfiction through which it reflected and interpreted itself. Authors will include Carlyle, Tennyson, Browning, Thackeray, Dickens, and Arnold. <i>Three credit hours.</i>
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337 MODERN BRITISH LITERATURE MR. ARCHIBALD	The origins, nature, and achievements of the modern movement in England and Ireland. The major authors in 1975-76 will be Hardy, Yeats, Eliot, and Joyce. <i>Three credit hours.</i>
338 CONTEMPORARY LITERATURE MR. GILLESPIE	A survey of poetry written in English from 1940 to the present, emphasizing poets who best represent the kinds of poetry of the period—objectivism, projectivism, confessional poetry, the deep image, etc. <i>Three credit hours.</i>
351 EARLY AMERICAN AUTHORS MR. HARRIS	Selected prose and poetry from the Puritan period, the Age of Reason, and the preromantic movement in American literature. <i>Three credit hours.</i>
352 THE AMERICAN RENAISSANCE MR. BRANCACCIO	The major works of Emerson, Thoreau, Hawthorne, Melville, and Whitman. <i>Three credit hours.</i>
353 REALISM AND NATURALISM MR. KENNEY	The major works of Twain, James, Crane, and others in the context of traditions of the novel, and critical theories of the art and purpose of fiction. <i>Three credit hours.</i>
354 MODERN AMERICAN LITERATURE MS. WYMAN	Studies in major twentieth-century American authors, including Fitzgerald, Hemingway, Faulkner, Bellow, Barth, and other writers of fiction and poetry who represent significant trends in modern literature. <i>Three credit hours.</i>
355 BLACK AMERICAN LITERATURE MR. BRANCACCIO	The writings of Black Americans, with emphasis on autobiography, fiction, and poetry of the twentieth century. <i>Three credit hours.</i>
371 FICTION I MR. SWENEY	Representative British novels of the eighteenth and early nineteenth centuries by such writers as DeFoe, Richardson, Fielding, Smollett, Sterne, Lewis, and Peacock. <i>Three credit hours.</i>
372 FICTION II MR. KENNEY	The British novel from Jane Austen through the 1930's. <i>Three credit hours.</i>
[373] THE DEVELOPMENT OF DRAMATIC ART I	Discussion of typical plays of the western world in the context of conditions and conventions of performance from Greek and Roman times through the Middle Ages and the early Renaissance. <i>Three credit hours.</i>

[374] THE DEVELOPMENT OF DRAMATIC ART II	A sequel to English 373, from the later Renaissance through the neoclassic and romantic periods to the beginnings of realism in the nineteenth century. There will be a brief collateral examination of the theatre of the Orient. <i>Three credit hours.</i>
375 MODERN DRAMA I MR. SUSS	Discussion of typical plays of Europe and America in the context of conditions and conventions of performance, emphasizing the works of Ibsen, Chekhov, and Strindberg. <i>Three credit hours.</i>
376 MODERN DRAMA II MR. SUSS	A sequel to English 375, emphasizing plays of the contemporary American and French theatres. The concepts of modern theatre theoreticians and practitioners like Antonin Artaud and Jerzy Grotowski will be examined collaterally. <i>Three credit hours.</i>
377 LITERARY CRITICISM MS. FERSTER	A range of modern critical methods will be examined in order to understand their assumptions and their implications for the nature and function of literary art. It will include the study of critical schools, such as new criticism and Marxist criticism; major figures, such as Kenneth Burke and Erich Auerbach; and topics that can be seen from several perspectives, such as literary realism. Critical readings will be paired with works of literature, and members of the class may try out various approaches to works of their own choosing. <i>Three credit hours.</i>
*378 HISTORY OF THE ENGLISH LANGUAGE MR. MACKAY	A brief study of the mechanism of speech—primarily to explain the connections between western European Romance and Germanic languages—followed by an examination of the major historical, social, literary, and linguistic reasons for changes in the sound, grammar, spelling, inflection, syntax, and vocabulary of the language from the Anglo-Saxon period to modern American English. <i>Three credit hours.</i>
379 BLAKE MR. SUTHERLAND	Close reading of a wide selection of Blake's illuminated poems. Facsimiles and slides will be used in order to emphasize visual aspects of Blake's work. Special interests in such matters as archetypal symbolism and literary criticism, Jungian psychology, political satire and history, Neoplatonism and mystical religion, and the visual arts, may be emphasized separately, by different students, within the framework of the common examination of Blake's poems. Formerly listed as English 395. <i>Three credit hours.</i>

383, 384 STUDIES IN SHAKESPEARE MR. BENBOW	Selected plays, with special attention to the intellectual background and to Shakespeare's development as a dramatist. English 383 and 393 may not both be taken for credit. <i>Prerequisite:</i> English 221. <i>Three credit hours.</i>
391d2 CHAUCER MS. FERSTER	The works of Chaucer, ranging from some of the early dream visions to <i>Troilus and Criseyde</i> and some of the <i>Canterbury Tales</i> , emphasizing the relationship between his ideas and the various poetic forms and techniques he used to develop them. <i>Three credit hours.</i>
392 SPENSER MR. MACKAY	The poetry of Spenser, with particular attention to <i>The Faerie Queene</i> and the problem of Renaissance epic. <i>Three credit hours.</i>
[393] INTRODUCTION TO SHAKESPEARE	Lectures on the major comedies, histories, and tragedies selected to cover Shakespeare's career and to illustrate the nature of Shakespearean drama. English 383 and 393 may not both be taken for credit. <i>Three credit hours.</i>
*394 MILTON MR. KOONCE	The poetry and major prose of John Milton. <i>Three credit hours.</i>
411 THE TEACHING OF ENGLISH MRS. PESTANA AND STAFF	Tutorials with individual members of the department about current issues, problems, and methods in the teaching of English. Students and tutors will plan each student's practice teaching, and the tutor will occasionally visit his or her classroom. Nongraded. <i>Prerequisite:</i> Concurrent enrollment in Education 441 or permission of the instructor. <i>Three credit hours.</i>
417 ADVANCED POETRY WORKSHOP MR. GILLESPIE	Practice in the writing of poetry, with major emphasis on student manuscripts. <i>Prerequisite:</i> English 217 or 218 or permission of the instructor. <i>Three credit hours.</i>
418 ADVANCED FICTION WORKSHOP MR. GILLESPIE	Practice in the writing of short stories and longer fiction, with major emphasis on student manuscripts. <i>Prerequisite:</i> English 217 or 218 or permission of the instructor. <i>Three credit hours.</i>

[431] DRAMA AND SOCIETY	Relationships between social realities and dramatic expression during two periods of rapid social and artistic change—the later Renaissance and the first half of the twentieth century. Major emphasis will be on the development of Renaissance comedy and tragedy and the development of the theatre of the absurd. <i>Three credit hours.</i>
[432] ELIZABETHAN LONDON	Elizabethan urban society, its economic, political, and social structures, with an attempt to see how literature responded to the concerns of preindustrial England. Readings will include primary historical and literary documents as well as secondary studies such as Laslett's <i>The World We Have Lost</i> and Tawney's <i>Acquisitive Society</i> . <i>Three credit hours.</i>
433♦ RESTORATION LITERATURE MR. SWENEY	The prose, poetry, and drama of 1660-1700, with special emphasis on the works of John Dryden. <i>Three credit hours.</i>
435 COMEDY MR. KOONCE	Relationships among literary works in classical languages and in English. For 1975-76: English comedy in the Roman tradition, using such authors as Ben Jonson and William Congreve as writers of English comedies in the tradition of Plautus and Terence. <i>Prerequisite:</i> Latin 113 or 251, and permission of the instructor. <i>Three credit hours.</i>
437 THE LITERATURE OF EXISTENTIALISM MR. MIZNER	Readings in the novels and the drama of Russia, Germany, France, and the United States, from Dostoevski to Walker Percy. <i>Three credit hours.</i>
439 LITERATURE AND THE VISUAL ARTS MISS CURRAN	From gothic revival to art nouveau: the nineteenth-century's visual arts, from high art to applied design, together with its literature in order to define its expectations and practices in viewing and creating art. In the literature, considerable attention will be given to Ruskin, Morris, the Pre-Raphaelites, and Pater. <i>Three credit hours.</i>
472 ORAL INTERPRETATION MR. WITHAM	Principles of selection, analysis, and preparation of poetry, prose, and drama for oral presentation before an audience. <i>Three credit hours.</i>

491, 492
INDEPENDENT STUDY
STAFF

Individual projects exploring topics for which the student has demonstrated the interest and competence necessary for independent work.

Prerequisite: Consent of a project adviser and permission of the chairman. *One to three credit hours.*

493, 494
SEMINARS IN BRITISH AND
AMERICAN LITERATURE
STAFF

Topics will change each semester, and a complete description will be published before registration. In 1975-76 the major writers will include Hardy, Yeats, Lawrence, Woolf, Faulkner, and O'Neill; the topics will include "Literary Criticism," "Romantic Vision," "Contemporary European Theatre," and "Relationships between Fiction and Film." *Three credit hours.*

497, 498
SELECTED TOPICS
STAFF

See the description for English 297, 298. This course is for more advanced work. *One to three credit hours.*

Environmental Studies

491, 492
INDEPENDENT STUDY
STAFF

Individual study of special problems in environmental studies in areas where the student has demonstrated the interest and competence necessary for independent work.

Prerequisite: Permission of the instructor and the program director. *One to four credit hours.*

Field Experience

-95, -96
FIELD EXPERIENCE

Noncurricular experience with direct, demonstrated relationship to the student's curricular program. May not be included in the basic 105 graded hours required for graduation. Nongraded, credit or no entry, unless otherwise stipulated in project proposal.

Prerequisite: Approval of department committee. *One to fifteen credit hours.*

French

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

Unless otherwise specified, all courses numbered above 114 are conducted in French.

111, 112
ELEMENTARY FRENCH
STAFF

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

113, 114
INTERMEDIATE FRENCH
STAFF

First semester: an intensive review of the fundamentals of the language. Practice in the oral-aural skills, supplemented by work in the language laboratory; composition based on short readings. Second semester: a variety of topics and approaches to reading materials in French. Descriptions of each section will be published each year prior to spring registration.

Prerequisite: French 112 or appropriate score on the CEEB achievement test. Permission of department required to take 114 without 113. *Three credit hours.*

115d
PRACTICAL PHONETICS
MR. FERGUSON

Phonetic analysis and transcription, using the international phonetic alphabet as applicable to French. Taped and printed exercises will focus on individual handicaps. The goal of the course is correct oral interpretation of prose text in French. Enrollment limited to ten. Nongraded.

Prerequisite: Concurrent enrollment in any-level French course or previous training equivalent to one year of college French; preference given to the former. *Two credit hours.*

125, 126
INTRODUCTION TO FRENCH
LITERATURE
STAFF

Introduction to French literature through the reading of selected masterpieces illustrative of the major genres. Intensive reading and *analyse de texte*.

Prerequisite: French 114 or three years of high-school French and appropriate score on the placement test. Qualified students may be admitted to the second semester without the first. *Three credit hours.*

131d
ADVANCED FRENCH
STAFF

An advanced review of grammar with practice in oral expression and written composition. Required for French majors unless exempted by examination. Enrollment limited.

Prerequisite: French 114 and permission of the instructor. *Three credit hours.*

223, 224
FRENCH CIVILIZATION
MR. BIRON

A history of French society and its culture from the Middle Ages to the present. Supplementary readings in French literature as examples of social or intellectual attitudes.

Prerequisite: French 126. *Three or four credit hours.*

241, 242
CONTEMPORARY FRENCH
LITERATURE
MR. WEISS AND MR. FERGUSON

An introduction to modern literature through some of the themes that have inspired novels, poetry, and drama. Non-French majors may choose to write papers and examinations in English.

Prerequisite: French 126 or permission of the instructor. *Three or four credit hours.*

*338d1
BAUDELAIRE AND THE
SYMBOLISTS
MR. BUNDY

Study of *Les Fleurs du mal* and some of the critical writings of Baudelaire, as well as the poetry of Verlaine, Rimbaud, Mallarmé, and Valéry.

Prerequisite: A 200-level French literature course or permission of the instructor. *Three or four credit hours.*

†[347, 348]
THE NINETEENTH-CENTURY
NOVEL

The major novelists of the nineteenth century, with special emphasis on Stendhal, Balzac, Flaubert, and Zola.

Prerequisite: A 200-level French literature course. *Three or four credit hours.*

*351d2
FRENCH-CANADIAN
LITERATURE
MR. WEISS

The literature of the province of Québec, with principal emphasis on the contemporary novel. Additional reading in the history and civilization of French Canada.

Prerequisite: A 200-level French literature course or permission of the instructor. *Three or four credit hours.*

355
TOPICS IN SEVENTEENTH-
CENTURY FRENCH
LITERATURE
MR. FILOSOFF

In 1975-76: "The Classical Theatre." Close reading of tragedies by Corneille and Racine, comedies by Molière. Supplementary readings in the social and intellectual background of the period. Non-French majors may choose to write papers and examinations in English.

Prerequisite: A 200-level French literature course or permission of the instructor. *Three or four credit hours.*

356
TOPICS IN EIGHTEENTH-
CENTURY FRENCH
LITERATURE
MR. KELLENBERGER

In 1975-76: "Literature of the Enlightenment." Study of literature as a vehicle for the propagation of radical ideas of the French Enlightenment, using selected works of Montesquieu, Voltaire, Diderot, Rousseau, and Beaumarchais. Non-French majors may choose to write papers and examinations in English.

Prerequisite: A 200-level French literature course or permission of the instructor. *Three or four credit hours.*

375
TOPICS IN TWENTIETH-
CENTURY FRENCH
LITERATURE
MR. REITER

In 1975-76: the modern French novel from Proust and Gide to the experiments of the fifties and sixties.

Prerequisite: A 200-level French literature course or permission of the instructor. *Three or four credit hours.*

412
ADVANCED COMPOSITION AND
STYLISTICS
MR. BIRON

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

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

491, 492
INDEPENDENT STUDY
STAFF

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

Prerequisite: Permission of the instructor. *Two to four credit hours.*

[493], 494
SEMINAR IN FRENCH
LITERATURE
MR. BUNDY

Topics, which change each semester, may cover an author, a genre, or a literary movement. In the spring of 1976 the topic will be Musset.

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

499d
LANGUAGE TEACHING
STAFF

Directed practice in conduct of introductory language courses. Open to a limited number of students enrolled in Modern Foreign Languages 411. May not be included in basic 105 hours required for graduation. Nongraded. *Two credit hours.*

Geology

121e, 122
INTRODUCTION TO
GEOLOGICAL SCIENCE I¹
INSTRUCTOR

The physical and biological evolution of the earth, with emphasis on mechanisms and processes. Lecture. *Three credit hours.*

141e, 142
INTRODUCTION TO
GEOLOGICAL SCIENCE II¹
INSTRUCTOR

The physical and biological evolution of the earth, with emphasis on mechanisms and processes; laboratory and field sessions. Enrollment limited to one laboratory section of 25 to 30 students; recommended for those planning to major in geology or environmental studies. Lecture and laboratory. *Four credit hours.*

161e, 162 PROBLEMS IN GEOLOGY ¹ STAFF	A study of selected major problems under active investigation, about which there is disagreement among competent scholars. At least one problem each semester involves extensive individual laboratory or field investigation. Not an introduction to geologic mechanisms and processes, and not for students planning to major in geology. One section deals with environmental problems; enrollment limited to 20 to 25 students per section. Satisfies the laboratory science distribution requirement. <i>Three credit hours.</i>
†[172] OCEANOGRAPHY I	A descriptive introduction to physical, dynamical, and biological oceanography. Topics will include: the structure and composition of the ocean and its floor; tides, currents, and other important dynamic features; the nature of ocean life. The value of the oceans for food and physical resources will be discussed. Lecture. <i>Three credit hours.</i>
†[174] OCEANOGRAPHY II	Course 172, supplemented by laboratory experience and by a field trip to the seashore. Enrollment limited to 25 students. <i>Four credit hours.</i>
211 SEDIMENTATION MR. PESTANA	Processes of sedimentation, methods of analysis of sediments, the description and interpretation of environments of deposition, and the classification and description of sedimentary rocks. Lecture and laboratory. <i>Prerequisite:</i> Geology 122 or 142 or 161, 162 or permission of the instructor. <i>Four credit hours.</i>
*214 ROCKS IN HAND SPECIMEN MR. ALLEN	Identification and description of rocks in hand specimen, and study of the modes of formation. Igneous, sedimentary, and metamorphic rocks are considered systematically. Field occurrences will be emphasized whenever possible. May not be taken for credit in addition to Geology 321, 322. Lecture and laboratory. <i>Prerequisite:</i> Geology 122 or 142 or 161, 162 (may be taken concurrently). <i>Four credit hours.</i>
*221, 222 MAP INTERPRETATION AND GEOMORPHOLOGY OF THE UNITED STATES INSTRUCTOR	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. Lecture and laboratory. <i>Prerequisite:</i> Geology 122 or 142 or 161, 162. <i>Three credit hours.</i>
†[241, 242] GEOLOGIC STRUCTURES AND FIELD METHODS	Analysis of rock structures and their significance, and techniques of field mapping. Lecture and laboratory. <i>Prerequisite:</i> Geology 122 or 142 or 161, 162. <i>Four credit hours.</i>

<p>251 INVERTEBRATE PALEONTOLOGY MR. PESTANA</p>	<p>Morphology of invertebrates and general principles, including nomenclature, taxonomy, paleoecology, evolution, correlation, and techniques of identification. Lecture and laboratory. <i>Prerequisite:</i> Geology 122 or 142 or 162 or one year of biology. <i>Four credit hours.</i></p>
<p>†[252] MICROPALEONTOLOGY</p>	<p>A laboratory course covering one or more of the major microfossil groups. Emphasis will be on identification, age determination, and environmental interpretation. <i>Prerequisite:</i> Geology 251 or permission of the instructor. ●<i>One to three credit hours.</i></p>
<p>†[254] ADVANCED INVERTEBRATE PALEONTOLOGY</p>	<p>A laboratory course involving a detailed investigation of one or more invertebrate groups. Emphasis will be on identification, age determination, and environmental interpretation. <i>Prerequisite:</i> Geology 251 or permission of the instructor. ●<i>One to three credit hours.</i></p>
<p>†[271] GLACIAL GEOLOGY</p>	<p>The origin and development of glaciers, with special attention to the Pleistocene of New England. An extended field mapping problem will be assigned. Lecture and laboratory. <i>Prerequisite:</i> Geology 122 or 142 or 162. <i>Three credit hours.</i></p>
<p>281d2, †[282] MINERALOGY MR. ALLEN</p>	<p>Physical properties and chemical structure of minerals leading to investigation of the chemical composition and optical properties of minerals with the petrographic microscope and emission spectrograph. Lecture and laboratory. <i>Prerequisite:</i> Chemistry 141 (may be taken concurrently) or permission of the instructor. <i>Four credit hours.</i></p>
<p>†[292] METEOROLOGY</p>	<p>Physical properties of the atmosphere, the origin and classification of weather types, air mass analysis and principles of prediction, and meteorology of air quality. Does not satisfy the science requirement. Lecture. <i>Two credit hours.</i></p>
<p>*321d2, [322] IGNEOUS AND METAMORPHIC PETROLOGY MR. ALLEN</p>	<p>Hand-specimen and thin-section examination of igneous and metamorphic rocks to determine structure, composition, and origin. May be taken for credit in addition to Geology 214. Lecture and laboratory. <i>Prerequisite:</i> Geology 282. <i>Four credit hours.</i></p>
<p>†[352] STRATIGRAPHY</p>	<p>Principles of stratigraphy. Includes a study of the relationships and correlation of sedimentary rocks. Laboratories include work</p>

with index fossils and a detailed analysis and correlation of well samples. Lecture and laboratory.

Prerequisite: Geology 211, and Geology 251 or Biology 313. *Four credit hours.*

483, 484
ENVIRONMENTAL GEOLOGY
MR. KOONS

Selected topics dealing with environmental quality. Extensive individual investigation.

Prerequisite: Senior standing as an environmental studies major. *One to four credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Field and laboratory problems in geology or environmental problems, with regular reports and a final written report.

Prerequisite: Permission of the instructor. *One to four credit hours.*

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

German

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

Unless otherwise specified, all courses numbered above 118 are conducted in German.

111, 112
ELEMENTARY GERMAN
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. *Four credit hours.*

113, 114
INTERMEDIATE GERMAN
STAFF

Continued practice in the oral-aural skills; increasing emphasis on reading and writing through use of modern prose and poetry. These studies, and the review of grammar, are supplemented with drill work in the laboratory.

Prerequisite: German 112 or two years of high-school German and appropriate score on the placement test. *Three credit hours.*

117, 118
INTENSIVE INTERMEDIATE
GERMAN
MR. KUETER

Review of basic grammar, with continued practice in recognizing and using German patterns. Intensive reading of short stories, with emphasis on vocabulary building, supplemented with laboratory drills. German 117 alone does not satisfy the college language requirement. Not open to students with credit for German 113, 114.

Prerequisite: German 111, 112 with grade of B or higher, or equivalent. *Four credit hours.*

231
DIE NOVELLE
MRS. FERGUSON

An introduction to representative *Novellen* of the last 200 years, emphasizing short analytical papers and class discussions.
Prerequisite: German 114 or equivalent. *Three or four credit hours.*

232
COMPOSITION AND
CONVERSATION
MR. SCHMIDT

A study of German grammatical patterns and idioms based on contemporary German publications, practice in written and oral German, required listening assignments in language laboratory. Formerly listed as German 141, 142.
Prerequisite: German 114 or equivalent. *Three credit hours.*

331
GERMAN NEWSPAPERS AND
MAGAZINES
MR. KUETER

Articles dealing with politics, science, cultural events, sports, economics, etc., will be read and studied as a basis for written and oral work. Publications will include *der Spiegel*, *Frankfurter Allgemeine*, *Kosmos*, *Bunte Illustrierte*.
Prerequisite: A 200-level German literature course. *Three or four credit hours.*

†[343, 344]
GERMAN LITERATURE OF THE
EIGHTEENTH CENTURY

The literature of the classical period: Klopstock, Wieland, Herder, Lessing, Goethe, and Schiller. Emphasis on a detailed study of the masterpieces of Goethe and Schiller.
Prerequisite: A 200-level German literature course. *Three or four credit hours.*

†[345, 346]
GERMAN LITERATURE OF THE
NINETEENTH CENTURY

The first semester will concentrate on two major literary movements, idealism and romanticism, and the theme of "Man's Awareness of Self." The second semester continues the theme as it deals with realism and the growing national consciousness.
Prerequisite: A 200-level German literature course. *Three or four credit hours.*

*347, 348
THE METAPHYSICAL
ESTRANGEMENT OF MAN IN
MODERN GERMAN LITERATURE
MR. SCHMIDT

Selections from the era of Gerhart Hauptmann's naturalism to that of Heinrich Böll's social criticism will be read and discussed in an attempt to discover the effects that man's metaphysical estrangement has produced upon the individual and upon the society in which he lives. The readings may consist of drama, prose, and poetry, or the semester may be spent entirely on one specific genre.
Prerequisite: A 200-level German literature course or permission of the instructor. *Three or four credit hours.*

354 THE MODERN NOVEL MRS. FERGUSON	Three representative novels of the twentieth century. <i>Prerequisite:</i> A 200-level German literature course. <i>Three or four credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work. <i>Prerequisite:</i> Permission of the instructor. <i>Two to four credit hours.</i>
493, 494 SEMINAR IN GERMAN LITERATURE MR. SCHMIDT AND MR. KUETER	Topics may vary from year to year; Goethe's <i>Faust</i> is given in alternate years. Fall semester 1975: "The Drama of Social Consciousness"—Buchner's <i>Wozzek</i> , Hauptmann's <i>Die Webber</i> and <i>Florian Geyer</i> , with special emphasis on the drama of Bertolt Brecht. Spring semester 1976: the production of a polished English translation of a German literary work; the rendering of an English translation of a German literary work back into German, with subsequent study of and comparison with the original; and the translation of an English literary work, or parts thereof, into literary German. <i>Prerequisite:</i> A 300-level German literature course. <i>Three or four credit hours.</i>
499d LANGUAGE TEACHING STAFF	Directed practice in conduct of introductory language courses. Open to a limited number of students enrolled in Modern Foreign Languages 411. May not be included in basic 105 hours required for graduation. Nongraded. <i>Two credit hours.</i>

Government

IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

131, 132 INTRODUCTION TO THE STUDY OF THE POLITICAL ORDER STAFF	An introduction to thought about the art and science of politics and to diverse forms of political action. Each instructor approaches politics in terms of a different problem. A description of the work for each section is available at registration. Students may not study with the same instructor more than one semester. Open to freshmen only. <i>Three credit hours.</i>
135 IMPERIALISM AND NATIONALISM IN EAST ASIA	Nineteenth- and twentieth-century international activity in East Asia and the Pacific basin. Particular attention is given to relations between China, Japan, and the United States, and to an

MR. KODAMA	understanding of these relationships in terms of the concepts of imperialism and nationalism. <i>Three credit hours.</i>
138 JAPAN AND THE UNITED STATES IN EAST ASIA MR. KODAMA	United States-Japan relations from the Meiji restoration to the present. Emphasis will be on the consequences for Japan of American policies in the Pacific, especially in terms of political reforms designed and implemented by the Allied occupation. <i>Three credit hours.</i>
231 CONTEMPORARY JAPANESE POLITICS MR. KODAMA	A survey of the political process in postwar Japan, with emphasis on some of the major institutions of political life. <i>Three credit hours.</i>
234 EUROPEAN POLITICS INSTRUCTOR	Britain, France, and West Germany viewed in terms of the relationship between political culture and political structure. <i>Three credit hours.</i>
257 AMERICAN GOVERNMENT AND POLITICS: THE EXECUTIVE-LEGISLATIVE CONFLICT MR. MAISEL	The relationship between the executive and legislative branches from theoretical and historical perspectives as well as in the light of current discussion, centering around assertions of presidential powers and prerogatives and congressional efforts to exercise effective control over governmental decision making. <i>Three or four credit hours.</i>
314 AMERICAN CONSTITUTIONAL LAW MR. MAVRINAC	The United States Supreme Court and constitutional litigation as part of the American political process. <i>Four credit hours.</i>
321, 322 POLITICAL THEORY MR. MAVRINAC	Some of the principal western approaches to the nature of the political order, with emphasis on the historical delineation of the fundamentals of constitutional theory. <i>Three credit hours.</i>
332 POLITICAL DEVELOPMENT MR. KODAMA	The process of political change and modernization in the Third World. The course will include an introduction to contemporary theories of political development, followed by an examination of the problems of integration, leadership, and stability. <i>Three credit hours.</i>
*333 TOTALITARIAN GOVERNMENT AND POLITICS MR. MAVRINAC	The ideological framework, organization, operation, and evolution of such political institutions as those of the Communist world, Nazi Germany, and Fascist Italy, with major attention given to the USSR. <i>Three credit hours.</i>

334 CONTEMPORARY FORMS OF POLITICAL ANALYSIS INSTRUCTOR	The principal approaches to political analysis used by contemporary political scientists. Particular attention is given to the application of these approaches to the study of comparative political institutions. Government 321 is recommended as a preliminary to this course. <i>Three credit hours.</i>
335 INTERNATIONAL RELATIONS MR. WEISSBERG	Principles of international politics, stressing such topics as the balance of power, collective security, diplomacy, and nationalism. <i>Three credit hours.</i>
†[336] INTERNATIONAL ORGANIZATION	The structure, politics, and current operation of international organizations within the nation-state system, with particular emphasis on the United Nations. <i>Three credit hours.</i>
338 INTERNATIONAL LAW MR. WEISSBERG	The body of rules and principles of behavior that govern states in their relations with each other, as illustrated in cases and texts. <i>Three credit hours.</i>
†[352] GERMAN POLITICS	The political institutions of the German Federal Republic (West Germany). The course will also deal with politics during the Weimar and Hitler periods but will emphasize contemporary Germany. <i>Three credit hours.</i>
353 COMPARATIVE POLITICAL PARTIES MR. KODAMA	Political parties as organizations in political systems. An introduction to some theories and approaches in the study of parties, and a study of instances, or cases, of party ideology, policy, and structure in several nations. <i>Three credit hours.</i>
†[355] POLITICAL BEHAVIOR	The relationship between citizens and their government, emphasizing the behavior of interest groups and others who organize to affect governmental action. <i>Three credit hours.</i>
*356 PARTIES AND THE ELECTORAL PROCESS MR. MAISEL	An analysis of partisan politics and elections in the United States, emphasizing the role of parties, and dealing with candidates, their staffs, the electorate, and the media. <i>Three credit hours.</i>
*357 FRENCH POLITICS INSTRUCTOR	An analysis of the fundamentals of French politics. <i>Three credit hours.</i>
[358] BRITISH POLITICS	An analysis of the political institutions of Great Britain and Northern Ireland, with some attention to current problems, such

as entry into the common market, the racial issue, and unrest in Ulster.

Prerequisite: Government 234 or permission of the instructor.
Three credit hours.

<p>[377] SPECIAL PROBLEMS IN LOCAL GOVERNMENT</p>	<p>Problems vary from year to year, but the general orientation is to a theoretical consideration of the local government process as a part of the general political process in a society. Generally, the constitutional society is the point of reference, and the comparative experience of America, England, and France is emphasized. From time to time, consideration is given to the analogous problem in the totalitarian society. <i>Three credit hours.</i></p>
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<p>†[391] THE AMERICAN BUREAUCRAT</p>	<p>The context within which the professionals staffing the executive branch of the American national government work: personnel policies, operating codes, and operating techniques in the national bureaucracy. An analysis will be made within an understanding of the bureaucratic phenomenon as such. <i>Three credit hours.</i></p>
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<p>393 STATE AND LOCAL GOVERNMENT MR. FARR</p>	<p>The evolution of the federal system, with particular emphasis on current intergovernmental programs together with a comparative analysis of state and local governments, their organizational patterns and political climates. <i>Three credit hours.</i></p>
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<p>414 SEMINAR IN COMPARATIVE POLITICS INSTRUCTOR</p>	<p>Analysis of a contemporary political phenomenon viewed in cross-cultural, cross-system perspectives. <i>Three credit hours.</i></p>
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<p>435d2 SEMINAR IN AMERICAN NATIONAL GOVERNMENT AND POLITICS MR. MAISEL</p>	<p>The American national government as organization and process, and the elements of national political life. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>
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<p>[436] AMERICAN POLITICS SEMINAR: VOTING BEHAVIOR</p>	<p>An intensive examination of the social and psychological determinants of voting behavior. <i>Three credit hours.</i></p>
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<p>[438] SEMINAR IN CONTEMPORARY POLITICAL PROBLEMS</p>	<p>An examination of the relationship between the government and the press in the United States today. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>

457 FOREIGN POLICY OF THE UNITED STATES MR. WEISSBERG	Problems of planning and executing American foreign policy. <i>Prerequisite:</i> Government 335 or equivalent or permission of the instructor. <i>Three credit hours.</i>
*458 SEMINAR ON THE UNITED NATIONS MR. WEISSBERG	Conducted in the form of a political or judicial organ of the United Nations. Case studies will be presented and analyzed, each participant assuming the role of a representative of the nation-state that is involved in the dispute. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i>
478 SEMINAR IN JAPANESE POLITICS MR. KODAMA	An advanced seminar on the policy-making process in postwar Japan. <i>Prerequisite:</i> Government 231 or permission of the instructor. <i>Three credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	A study of government through individual projects. <i>Prerequisite:</i> Government major and permission of the department chairman. <i>Three credit hours.</i>

Greek

IN THE DEPARTMENT OF CLASSICS

111 INTRODUCTORY GREEK MRS. KOONCE	Introduction to Homeric Greek. <i>Four credit hours.</i>
112 INTERMEDIATE GREEK * MR. WESTERVELT	Readings in Homer's <i>Iliad</i> . Does not satisfy college language requirement. <i>Four credit hours.</i>
131 INTRODUCTION TO GREEK LITERATURE MR. WESTERVELT	<i>The Odyssey of Homer. Three credit hours.</i>
232 ATTIC PROSE MRS. KOONCE	Plato: <i>Apology, Crito, Euthyphro</i> . <i>Three or four credit hours.</i>

†[254] ATTIC POETRY	Euripides. <i>Three or four credit hours.</i>
*351d2 GREEK LITERATURE TAYLOR LECTURER	Thucydides. <i>Three or four credit hours.</i>
*352 GREEK LITERATURE TAYLOR LECTURER	Sophocles. <i>Three or four credit hours.</i>
*353 GREEK LITERATURE MRS. KOONCE	Demosthenes. <i>Three or four credit hours.</i>
[355] GREEK LITERATURE	Herodotus. <i>Three or four credit hours.</i>
[356] GREEK LITERATURE	Plato. <i>Three or four credit hours.</i>
†[414] SEMINAR	Aristophanes. <i>Three or four credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Reading in a field of the student's interest, with essays and conferences. <i>One to three credit hours.</i>
*493 SEMINAR MR. WESTERVELT	Aeschylus. <i>Three credit hours.</i>

History

IN THE DEPARTMENT OF HISTORY AND GOVERNMENT

111
THE RISE OF EUROPE
MR. GILLUM

A survey of principal developments and trends in European history from about 1450 to about 1890. The expansion of Europe, Renaissance, Reformation, Age of Reason, Revolutionary Epoch,

romanticism, liberalism, nationalism, socialism, and imperialism are all given brief attention in an introductory course designed for students who have not already studied this subject. Enrollment is restricted to freshmen and may be limited. *Three credit hours.*

112
THE DECLINE OF EUROPE
MR. GILLUM

The diplomatic backgrounds of World War I and World War II and the period of the cold war, with some attention to the causes and consequences of the Suez crisis of 1956, the conflict in Indo-China, and the wars in the Middle East. Enrollment is restricted to freshmen and may be limited. *Three credit hours.*

133, 134
INTRODUCTION TO THE
HISTORY OF EAST ASIA
MR. ELISON

Selected problems in the premodern and modern history of China and Japan, which may include: continuity and change in a traditional society, the intellectual dimension of culture, the integrative factors of a period in history, cross-cultural encounters, reform and revolution. *Three credit hours.*

221, 222
HISTORY OF EAST ASIAN
CIVILIZATION
MR. ELISON

The interaction of cultures in East Asia. First semester: the traditional civilization in China and Japan, with some attention to peripheral areas. Second semester: Chinese and Japanese reactions to western stimuli in the nineteenth and twentieth centuries, the problems of wealth and power, and the trials of revolution and war. May not be repeated for additional credit by students who took History 297, 298 in 1974-75. *Three credit hours.*

223, 224
SURVEY OF UNITED STATES
HISTORY
MR. BRIDGMAN

United States history from the age of discovery to the present. Although chronological symmetry is maintained, an effort is made to demonstrate the particular value of political, economic, and constitutional interpretations. Open to a limited number of freshmen. *Three credit hours.*

*231
MEDIEVAL CIVILIZATION,
476-1300
MR. BERSCHNEIDER

Medieval civilization from the decline of Roman unity to the beginnings of the Renaissance. Emphasis will be placed on both western and nonwestern (Byzantine and Moslem) influences in the development of the "first Europe" of Christendom. *Three or four credit hours.*

*232
RENAISSANCE AND
REFORMATION, 1300-1648
MR. BERSCHNEIDER

Intellectual and cultural history of the period of transition from the "first Europe" of Christendom to the "second Europe" of sovereign, independent states. *Three or four credit hours.*

<p>237 THE EMERGENCE OF MODERN BRITAIN, 1688-1867 MR. GILLUM</p>	<p>England during the American, French, and Industrial revolutions. <i>Three credit hours.</i></p>
<p>238 BRITAIN SINCE 1867 MR. GILLUM</p>	<p>Britain from the age of imperialism through the era of world wars and to the dissolution of the empire. <i>Three credit hours.</i></p>
<p>273 THE INDUSTRIAL REVOLUTION MR. BRIDGMAN</p>	<p>The economic and social impact on the United States of the Industrial Revolution. Focus is upon the twin emergent giants, the factory and the city, from 1865 to 1915. Topics include unionism, income scaling, occupational diversity, city manners, social Darwinism, and political unrest. <i>Three credit hours.</i></p>
<p>277 BLACK HISTORY I MR. FONER</p>	<p>The history of the Black American and race relations from the African background to the 1830's. Open to freshmen. <i>Three credit hours.</i></p>
<p>278 BLACK HISTORY II MR. FONER</p>	<p>The history of the Black American and race relations from the 1830's through the Progressive Era, stressing emancipation, reconstruction, the New South, the Du Bois-Washington conflict, the Niagara Movement, and the rise of the NAACP. Open to freshmen. <i>Three credit hours.</i></p>
<p>311 TUTORIAL IN HISTORY MR. RAYMOND</p>	<p>Individual work in history, especially for juniors, built around weekly one-hour tutorial sessions between each tutee and the instructor. Enrollment limited to six students. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>
<p>315d2 MODERN REVOLUTION MR. RAYMOND</p>	<p>Differing historical explanations of the nature and origin of political revolution, 1500 to 1970. Theories of revolution will be related to a number of specific case studies presented at class meetings and developed through individual student research studies. <i>Three credit hours.</i></p>
<p>318 THE AGE OF THE BAROQUE MR. ELISON</p>	<p>Ideas, institutions, and representational forms of Europe in the early modern era: the sixteenth-century background, the age of the religious wars, the crisis of the seventeenth century, and the preliminary shaping of eighteenth-century conflict. <i>Three or four credit hours.</i></p>

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- †[323, 324]
EUROPEAN DIPLOMATIC
HISTORY
- Diplomacy, its methodology and history. The first semester will examine the development of the modern European state system and the diplomatic relations that existed among the major powers from 1815 to *ca.* 1875. The second semester will emphasize the extension of this system throughout the world in the development and waning of European hegemony from *ca.* 1875 to *ca.* 1945. Comparisons will be drawn between what purports to be the “old diplomacy” and the “new diplomacy” in the establishment of “concerts of power” for the maintenance of “peace.” *Three or four credit hours.*
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- †[331]
THE BRITISH EMPIRE AND
COMMONWEALTH
- A history of the British empire and its evolution into the modern commonwealth of nations. *Three credit hours.*
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- †[333]
MIEVEAL ENGLAND
- A political, cultural, and social survey of English history in the Celtic, Roman, Saxon, Norman, Angevin, Lancastrian, and Yorkist periods. *Three credit hours.*
-
- 335
A CONSTITUTIONAL AND
LEGAL HISTORY OF
MIEVEAL ENGLAND
MR. GILLUM
- English governmental and legal principles in the Saxon period, in the time of Henry II, and in the thirteenth century. Developments since 1307 will be considered briefly. Formerly listed as History 334. *Three credit hours.*
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- *337d2
TUDOR-STUART ENGLAND
MR. GILLUM
- The contest of religious doctrines and the conflict of political concepts, from the Renaissance monarchy of Henry VII to the “Glorious Revolution” of 1688. *Three credit hours.*
-
- 341, 342
HISTORY OF RUSSIA AND THE
USSR
MR. RAYMOND
- The expansion of the Russian state and the political and social development of the Russian people under the Tsarist and Soviet regimes. *Three credit hours.*
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- *351
INTELLECTUAL AND CULTURAL
HISTORY OF MODERN EUROPE
MR. BERSCHNEIDER
- The changing ideas of history expressed by representative speculators from Hegel to Heidegger, and the effect of these ideas on the development of modern ideologies and the conflict in cultural values that might explain what has often been called “the crisis of our age.” *Three or four credit hours.*
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- †[353]
MODERN FRANCE, 1815-1958
- The theme of “Liberalism and the Challenge of Fascism” will be presented in analyzing and evaluating the currents of thought

and action that have given character to republicanism in modern France. *Three or four credit hours.*

354d1 THE FRENCH REVOLUTION AND NAPOLEON MR. RAYMOND	European history from 1789 to 1815, with emphasis on political and social developments in France. <i>Three credit hours.</i>
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†[356] MODERN GERMANY	The political and economic development and the international influence of Germany from 1806 to the present time. <i>Three credit hours.</i>
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359 MODERN JAPANESE HISTORY MR. ELISON	The history of Japan from <i>ca.</i> 1800 to the present day, concentrating on problems of historiography and ideology. Open to freshmen with permission of the instructor. <i>Three or four credit hours.</i>
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[363, 364] CULTURAL HISTORY OF JAPAN	First semester: from the origins of the Japanese people to the collapse of the Ashikaga Shogunate at the end of the fifteenth century. Second semester: the period of the Country at War, the reunification of Japan at the end of the sixteenth century, and Japan's progress in the Tokugawa realm of peace and seclusion. Institutional history is not neglected, but concentration is on the literary, religious, and artistic manifestations of Japanese culture. Much emphasis is placed upon such special topics as the history of medieval Buddhism, the confrontation of Japanese and Jesuit, and the history of the Tokugawa popular theatre. Augmented credit possible, with permission of the instructor, for students with reading knowledge of Japanese. <i>Three or four credit hours.</i>
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371 MODERN AMERICAN ELECTIONS MR. BRIDGMAN	Recent American elections in historical perspective, as illustrated by selected campaigns at the local, state, and national levels. Emphasis is on social and cultural interpretations. <i>Three credit hours.</i>
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374 CONTEMPORARY AMERICA, 1929 TO PRESENT MR. BRIDGMAN	The United States from the onset of the Great Depression to the present, integrating social, economic, and political interpretations of this period. <i>Three credit hours.</i>
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[375] AMERICAN COLONIAL HISTORY	The period of European colonization of North America and of the emergence of the American social and political "system" of 1776 and 1787 that prefigures the United States of the nineteenth and twentieth centuries. <i>Three credit hours.</i>
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- [376]
THE ERA OF THE AMERICAN
REVOLUTION, 1763-1789
- Interpretations of the coming of the Revolution, the Declaration of Independence, the War, the Articles of Confederation, and the Constitution. Foundations of American institutions and traditions are viewed. *Three credit hours.*
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- 377
HISTORICAL INTRODUCTION
TO AMERICAN STUDIES: THE
UNITED STATES, 1824-1850
MR. FONER
- Jacksonianism, the rise of the Whig party, the plantation system, the institution of slavery, abolitionism, women's rights, urbanism, and manifest destiny. Social and intellectual developments will be examined together with political and economic issues. Changing interpretations of historians will also be investigated. *Three credit hours.*
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- 378
THE UNITED STATES,
1850-1880
MR. FONER
- Political, economic, and social developments, including such subjects as disunion and reunion, the Gilded Age, the intellectual and social responses to industrialization and urbanization. *Three credit hours.*
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- 379
BLACK HISTORY III
MR. FONER
- The history of the Black American and race relations from World War I to 1955, stressing the great migration, the Red Summer of 1919, the Garvey Movement, the Harlem Renaissance, Blacks and the New Deal and World War II, and events in the Truman and Eisenhower administrations.
Prerequisite: History 277, 278 or permission of the instructor.
Three credit hours.
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- 391d2
THE AMERICAN CIVIL WAR
MR. RAYMOND
- The origins and the military and political history of the Civil War from about 1850 to 1865. *Three credit hours.*
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- *392
AMERICAN DIPLOMATIC
HISTORY, 1775-1917
MR. BERSCHNEIDER
- The diplomacy conducted by the United States from the time of its war of independence to the time of its specific involvement in world politics and world war. *Three or four credit hours.*
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- 393
EUROPE AND THE AMERICAN
REVOLUTION
MR. BERSCHNEIDER
- The interaction of the European Enlightenment and the American colonial scene, as background for understanding the American Revolution, and the impact of the American Revolution on the development of European preromanticism. *Three or four credit hours.*
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- 394
THE AMERICAN SOUTH,
1819-1861
MR. BRIDGMAN
- The American south and its peculiar institutions. An effort is made to illustrate how this area accomplished a partial transition from agrarianism to industrialism. *Three credit hours.*

†[414] SEMINAR IN JAPANESE HISTORY	Special topics in Japanese history. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i>
[416] SEMINAR IN AMERICAN HISTORY	Special topics in American history. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i>
418 SEMINAR IN MEDIEVAL HISTORY MR. BERSCHNEIDER	The Crusades, 1095-1274: a critical study of the history and historiography of the holy wars. Readings in both the medieval chronicles and secondary accounts of the Crusades. <i>Prerequisite:</i> Permission of the instructor. <i>Three or four credit hours.</i>
432 SEMINAR IN BLACK HISTORY MR. FONER	Group discussion and individual reports based on readings and research on selected topics in Black history from 1955 to the present, including current ideologies and activities in the Black community. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i>
†[433] SEMINAR IN ENGLISH HISTORY	Reading and research on various topics in English history, with special attention devoted to political history in the nineteenth or twentieth century. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	A study of history through individual projects. <i>Prerequisite:</i> History major and permission of the department chairman. <i>Two to four credit hours.</i>

Human Development

293, 294 SEMINAR STAFF	An introduction to problems in interdisciplinary integration. Nongraded. <i>One credit hour.</i>
393, 394 SEMINAR STAFF	Application of multidisciplinary perspectives to problems in human development. Nongraded. <i>One credit hour.</i>

491, 492
INDEPENDENT STUDY
STAFF

Individual study of special problems in human development in areas where the student has demonstrated the interest and competence necessary for independent work.

Prerequisite: Permission of the instructor and the program director. *One to three credit hours.*

494
SEMINAR IN HUMAN
DEVELOPMENT
STAFF

An interdisciplinary seminar conducted by at least two members of the human-development advising faculty. Required of all senior majors in human development. *Three credit hours.*

Italian

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

†[211]
DANTE

La Vita nuova, the *Inferno*, extensive selections from the *Purgatorio*, and the *Paradiso*, in English translation. No knowledge of Italian required.

Prerequisite: One semester of literature at the college level or permission of the instructor. *Three credit hours.*

†[212]
ITALIAN LITERATURE OF THE
RENAISSANCE

Readings in English translation from works of Italian Renaissance literature, including selections from *Il Canzoniere* of Petrarch, *Il Filostrato* and *Il Decamerone* of Boccaccio, *Il Cortegiano* of Castiglione, the *Orlando furioso* of Ariosto, the *Gerusalemme liberata* of Tasso, and *Mandragola* of Machiavelli. No knowledge of Italian required.

Prerequisite: One semester of literature at the college level or permission of the instructor. *Three credit hours.*

Japanese

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

111, 112
ELEMENTARY JAPANESE
INSTRUCTOR

Introduction to the modern language, with practice in reading, conversation, and writing. Use of taped materials in the language laboratory is a regular part of the class work. *Four credit hours.*

113, 114 INTERMEDIATE JAPANESE INSTRUCTOR	Continued practice in the oral-aural skills. This and the review of grammar are supplemented by language laboratory and language tables. <i>Prerequisite: Japanese 112 or equivalent. Four or five credit hours.</i>
131, 132 INTRODUCTION TO JAPANESE CULTURE INSTRUCTOR	An introduction to Japanese culture through critical reading, in translation, of selected literary works of a given period. No knowledge of Japanese required. <i>Three credit hours.</i>
337, 338 READINGS IN CONTEMPORARY JAPANESE INSTRUCTOR	Selections from modern Japanese literature, journalism, and criticism. <i>Prerequisite: Japanese 114. Three or four credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work. <i>Prerequisite: Permission of the instructor. Two to four credit hours.</i>

Latin

IN THE DEPARTMENT OF CLASSICS

111 INTENSIVE ELEMENTARY LATIN TAYLOR LECTURER	An intensive course in Latin grammar and syntax. <i>Four credit hours.</i>
112 INTERMEDIATE LATIN MR. WESTERVELT	Selected readings from Latin authors. Does not satisfy college language requirement. <i>Three credit hours.</i>
113 INTRODUCTION TO LATIN LITERATURE MRS. KOONCE	Readings in Plautus. Does not satisfy college language requirement. <i>Three credit hours.</i>
232 INTRODUCTION TO LATIN POETRY TAYLOR LECTURER	Readings in Virgil's <i>Aeneid</i> . <i>Three or four credit hours.</i>

[251] LATIN LITERATURE	Roman drama. <i>Three or four credit hours.</i>
[351] LATIN LITERATURE	Lucretius. <i>Three or four credit hours.</i>
*352 LATIN LITERATURE MRS. KOONCE	Livy. <i>Three or four credit hours.</i>
*353 LATIN LITERATURE TAYLOR LECTURER	Roman elegy. <i>Three or four credit hours.</i>
†[354] LATIN LITERATURE	Cicero: selected speeches. <i>Three or four credit hours.</i>
[355] LATIN LITERATURE	Roman satire. <i>Three or four credit hours.</i>
[356] LATIN LITERATURE	Cicero: letters. <i>Three or four credit hours.</i>
[357] LATIN LITERATURE	Horace: <i>Odes</i> and <i>Ars Poetica</i> . <i>Three or four credit hours.</i>
[358] LATIN LITERATURE	Tacitus. <i>Three or four credit hours.</i>
†[359] LATIN LITERATURE	Virgil: <i>Eclogues</i> and <i>Georgics</i> . <i>Three or four credit hours.</i>
[371] LATIN LITERATURE	Terence. <i>Three or four credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Reading in a field of the student's interest, with essays and conferences. <i>One to three credit hours by prior arrangement.</i>
†[494] SEMINAR	Virgil: <i>Aeneid</i> . <i>Three or four credit hours.</i>

Literature in Translation

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

133
MYTH AND LITERATURE
MR. WESTERVELT

Listed as Classics 133 (q.v.). *Three credit hours.*

†[211]
DANTE

Listed as Italian 211 (q.v.). *Three credit hours.*

†[212]
ITALIAN LITERATURE OF THE
RENAISSANCE

Listed as Italian 212 (q.v.). *Three credit hours.*

*232
GREEK TRAGEDY
MR. WESTERVELT

Listed as Classics 232 (q.v.). *Three or four credit hours.*

†[234]
THE HEROIC IDEAL IN EARLY
GREEK POETRY

Listed as Classics 234 (q.v.). *Three or four credit hours.*

[373]
THE DEVELOPMENT OF
DRAMATIC ART I

Listed as English 373 (q.v.). *Three credit hours.*

[374]
THE DEVELOPMENT OF
DRAMATIC ART II

Listed as English 374 (q.v.). *Three credit hours.*

375
MODERN DRAMA I
MR. SUSS

Listed as English 375 (q.v.). *Three credit hours.*

376
MODERN DRAMA II
MR. SUSS

Listed as English 376 (q.v.). *Three credit hours.*

437
THE LITERATURE OF
EXISTENTIALISM
MR. MIZNER

Listed as English 437 (q.v.). *Three credit hours.*

Mathematics

113d
LINEAR ALGEBRA
STAFF

Basic concepts and techniques of higher algebra that will be useful in further applications of mathematics. Systems of equations and matrices are used as vehicles for this study. Effective with the class of 1978, this course will not count toward the major requirements in mathematics. *Three credit hours.*

121d
CALCULUS I
STAFF

Elementary differential and integral calculus. *Three credit hours.*

122d
CALCULUS II
STAFF

Further study of differential and integral calculus, with selected applications.
Prerequisite: Mathematics 121. Four credit hours.

[212]
CALCULUS III

A continuation of Calculus II.
Prerequisite: Mathematics 122. Four credit hours.

221d
CALCULUS III
STAFF

An introduction to linear algebra, with applications to differential equations.
Prerequisite: Mathematics 122. Four credit hours.

222d2
CALCULUS IV
STAFF

Topics in multivariable calculus and a continuation of work in differential equations.
Prerequisite: Mathematics 221. Four credit hours.

241d, 242
ELEMENTARY STATISTICS I
AND II
STAFF

Statistics I: descriptive statistics, elementary probability theory, binomial and normal distributions, elementary sampling theory, tests of hypotheses, confidence intervals, nonparametric statistics, correlation. Applications are emphasized. Offered each semester. Statistics II: a continuation, including regression, analysis

of variance, and time series. Offered second semester only. Neither course open to mathematics majors.

Prerequisite: Mathematics 121. Mathematics 241: four credit hours; 242: two credit hours.

*243, 244
FINITE MATHEMATICS
MRS. ZUKOWSKI

Selected topics from modern mathematics useful in the biological and social sciences, including probability, elements of modern algebra, and an introduction to linear programming and the theory of games. Statistics is not treated but is offered in other courses. Not open to mathematics majors.

Prerequisite: Mathematics 113 or 121. Three credit hours.

311d
DIFFERENTIAL EQUATIONS
MR. SHEPARDSON

Solutions of elementary differential equations and an introduction to partial differential equations.

Prerequisite: Mathematics 222. Three credit hours.

[314]
TOPICS IN ANALYSIS

Solutions of differential equations, including Bessel's, by series; Fourier series; the vibrating string problem; the operator Δ and the integral theorems; and finite differences.

Prerequisite: Mathematics 311. Two credit hours.

[316]
THE LAPLACE TRANSFORM

Theory and applications of the Laplace transform.

Prerequisite: Mathematics 311. One credit hour.

332
INTRODUCTORY NUMERICAL
ANALYSIS AND PROGRAMMING
MR. SHEPARDSON

Solution by numerical methods of linear and nonlinear equations, systems of equations, and differential equations; numerical integration; polynomial approximation; matrix inversion; error analysis. A time-sharing computer system will be used to solve problems.

Prerequisite: Some programming experience, Mathematics 113 and 212 or 222, or permission of the instructor. Three credit hours.

352
COMPLEX VARIABLES
MR. COMBELLACK

The arithmetic and calculus of complex numbers. The basic properties of analytic functions, including an introduction to residues and conformal mapping.

Prerequisite: Mathematics 212 or 222. Three credit hours.

361, 362
HIGHER ALGEBRA
MR. SMALL

Introduction to algebraic structures such as groups, rings, integral domains, fields, and related topics; further study of linear algebra.

Prerequisite: Mathematics 113 and 212 or 222. Three credit hours.

372 DISCRETE MATHEMATICS STAFF	Selected topics in modern mathematics and operations research that have applications in current societal problems. The content will vary from year to year, but topics such as graph theory, combinatorics, game theory, linear programming, optimization techniques, and Markov chains would be considered. <i>Prerequisite:</i> Mathematics 212 or 222. <i>Three credit hours.</i>
381, 382 MATHEMATICAL STATISTICS MR. HAYSLETT	Random variables, special probability distributions, moment generating functions, maximum likelihood estimators, sampling distributions, regression, tests of hypotheses, confidence intervals, linear models, analysis of variance. Although applications are discussed, emphasis is on theory. <i>Prerequisite:</i> Mathematics 212 or 222. <i>Three credit hours.</i>
[401, 402] MATHEMATICS SEMINAR	Discussion of topics in pure and applied mathematics. Non-graded. <i>Prerequisite:</i> Senior standing in the mathematics major or a combined major including mathematics. <i>One credit hour for the year.</i>
421, 422 ADVANCED CALCULUS INSTRUCTOR	More advanced topics of one-variable calculus and an introduction to real analysis. Some of the topics included are equivalence and countability, uniform continuity, summability, limit superior and limit inferior, sequences and series of functions, Weierstrass approximation theorem, Lebesgue measure and integration. <i>Prerequisite:</i> Mathematics 212 or 222 and senior standing, or permission of the instructor. <i>Three credit hours.</i>
431 INTRODUCTION TO TOPOLOGY MR. SHEPARDSON	General topology, including such topics as elementary point set topology, mappings, and metric spaces. <i>Prerequisite:</i> Mathematics 212 or 222 and senior standing, or permission of the instructor. <i>Three credit hours.</i>
432 HIGHER GEOMETRY MR. LIEBERMAN	Properties of various geometries, with emphasis on axiomatic development. <i>Prerequisite:</i> Mathematics 361, 362. <i>Three credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Independent study in an area of mathematics of particular interest to the student. <i>Prerequisite:</i> Mathematics major and permission of the department. <i>Two to four credit hours.</i>

Modern Foreign Languages

191, 192
INDEPENDENT STUDY IN
CRITICAL LANGUAGES
STAFF

Independent study of a critical language, involving weekly tutorial sessions with a native speaker of the language. Final course evaluation made by resident faculty member or by visiting faculty member from a college or university where the language is taught regularly. In 1974-75 Chinese and Swahili were offered. Possible offerings for 1975-76, depending upon demand, include Chinese and Swahili.

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

193, 194
CRITICAL LANGUAGES:
SECOND LEVEL
STAFF

The continued independent study of one of the critical languages as described above. The successful completion of 194 satisfies the college requirement in foreign language. Credit varies depending on level of attainment.

Prerequisite: Modern Foreign Languages 191, 192 and permission of the department chairman. *Three or four credit hours.*

411
TEACHING OF MODERN
FOREIGN LANGUAGES
MR. BIRON

Problems and methods of teaching modern foreign languages. 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-school-teaching certificate. Conducted in English. Nongraded.

Prerequisite: Two 200-level foreign literature courses. *Three credit hours.*

491, 492
INDEPENDENT TOPICS IN
MODERN LANGUAGES
STAFF

Individual projects in language or literature in which the student has demonstrated the interest and competence necessary for independent work.

Prerequisite: Permission of the department chairman. *Two to four credit hours.*

Music

123, 124
INTRODUCTION TO MUSIC

Introduction to the western musical tradition and development of perceptive listening through the study of selected works from the

MR. MACHLIN AND STAFF	Middle Ages to the present. No previous knowledge of music assumed. <i>Three credit hours.</i>
†[132] CHANSONS AND LIEDER	A detailed study of art songs, French chansons, and German lieder, with emphasis given to the songs and song cycles of Schubert, Schumann, Brahms, Mahler, Wolf, Debussy, and contemporary composers. <i>Three or four credit hours.</i>
163, 164 THEORY AND PRACTICE OF MUSIC STAFF	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. <i>Three credit hours.</i>
191, 192 APPLIED MUSIC: INDIVIDUAL STUDY STAFF	Instruction in voice and instruments for qualified students. Possible offerings in 1975-76, depending upon demand, include bassoon, clarinet, classical guitar, flute, oboe, organ, piano, trombone, trumpet, violin, violoncello, and voice. For additional information concerning fees and related matters, see the applied music statement following Music 499. Interested students should consult the department before registering. May be repeated for additional credit; may not be included in basic 105 graded hours required for graduation. Nongraded. <i>Prerequisite:</i> Music 163, 164 (may be taken concurrently) and permission of the department. <i>One or two credit hours.</i>
193, 194 APPLIED MUSIC: ENSEMBLE STAFF	Optional credit for participation in musical organizations and ensembles, for students of applied music. In addition to the college band, glee club, and symphony orchestra, the department will undertake to form small ensemble groups as the need arises. Interested students should consult the department for additional information before registering for credit. May be repeated for additional credit; may not be included in basic 105 graded hours required for graduation. Nongraded. <i>Prerequisite:</i> Concurrent enrollment in Music 191, 192 and permission of the department. <i>One credit hour.</i>
†[213] MIEVEAL MUSIC	Music in Europe through the Romanesque and Gothic Middle Ages, the <i>Ars Nova</i> , and Burgundian school. Analyses of such forms as Gregorian chant, liturgical drama, mass, motet, and early secular forms. Studies of transcription of musical manuscripts. Reading knowledge of music required. <i>Prerequisite:</i> Music 123, 124. <i>Three or four credit hours.</i>

*232 MUSIC OF THE RENAISSANCE MISS HEINRICH	Music of western Europe in the late fifteenth and sixteenth centuries (Ockeghem to Giovanni Gabrieli), with particular attention to the mass, the motet, the chanson, the madrigal, and instrumental music. <i>Prerequisite:</i> Music 123, 124. <i>Three credit hours.</i>
†[234] BAROQUE MUSIC	Music in western Europe from Monteverdi to Bach and Handel. <i>Prerequisite:</i> Music 123, 124. <i>Three credit hours.</i>
†[237] CLASSICAL MUSIC	Music of the classical period, with special reference to the works of Haydn, Mozart, and Beethoven. <i>Prerequisite:</i> Music 123, 124. <i>Three credit hours.</i>
*251 ROMANTIC MUSIC MR. MACHLIN	Studies in nineteenth-century music, with emphasis on works by Schubert, Schumann, Chopin, Wagner, and Mahler. Formerly listed as Music 252. <i>Prerequisite:</i> Music 123, 124. <i>Three credit hours.</i>
*254d1 CONTEMPORARY MUSIC MR. RÉ	Trends in the art of music following the time of Wagner and the late romantics. Consideration of varied techniques of twentieth-century composers. <i>Prerequisite:</i> Music 123, 124. <i>Three credit hours.</i>
263, 264 HARMONY MR. RÉ AND MRS. REUMAN	Harmonization of given and original melodies, analysis of compositions selected from major composers, and keyboard harmony. Second semester: special emphasis on chromatic chord formations. <i>Prerequisite:</i> Music 163, 164 and keyboard proficiency test. <i>Three credit hours.</i>
†[272] COUNTERPOINT	A study of the principles of sixteenth-, seventeenth-, and eighteenth-century polyphony. Composition of canons, inventions, and fugues. Analysis of representative works. <i>Prerequisite:</i> Music 163, 164. <i>Three credit hours.</i>
*332 OPERA MR. MACHLIN	Representative operas will be examined in detail, noting the individual stylistic tendencies of the composer, as well as the various ways in which the music reflects aesthetic trends of the age in which it was composed. Formerly included in Music 325, 326. <i>Prerequisite:</i> Music 123, 124 and 163, 164 or permission of the instructor. <i>Three credit hours.</i>

†[371]
COMPOSITION

Creative writing for students who wish to apply skills acquired in the study of theory and harmony to the solution of problems of form and style.

Prerequisite: Music 263, 264. *Three or four credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Individual topics in areas where the student has demonstrated the interest and competence necessary for independent work. Primarily for senior music majors.

Prerequisite: Permission of the department. *One to four credit hours.*

493
SEMINAR IN MUSIC HISTORY
MR. ARMSTRONG

Research and critical analysis in various areas of western music history. Primarily for senior music majors.

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

499d
MUSIC TEACHING
STAFF

Directed practice in conduct of introductory music courses. Open to a limited number of upperclass music majors. May not be included in basic 105 hours required for graduation. Nongraded.

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

APPLIED MUSIC

Private lessons in voice and a variety of instruments are available, with or without academic credit, at additional cost. Students of applied music are invited to participate in the college band, glee club, and symphony orchestra, with or without academic credit; small ensembles are also formed from time to time. For information concerning academic credit, see the statements for Music 191, 192 and 193, 194. In the case of Music 191, 192, a fee of \$100 is charged for each semester of instruction in a two-credit course; for a one-credit course the fee is \$60. Fees are payable on the semester bill. Students are not charged for membership in musical organizations or small ensembles.

All majors are expected to demonstrate some skill at the keyboard; consult the department. Students not already proficient are urged to remedy this deficiency as soon as possible by enrolling for piano study.

The department reserves some scholarship money to aid talented students of applied music; consult the chairman.

Philosophy

IN THE DEPARTMENT OF PHILOSOPHY AND RELIGION

<p>112d LOGIC MR. MCARTHUR</p>	<p>The techniques of formal reasoning and their application to argumentation in ordinary language. <i>Three credit hours.</i></p>
<p>133 INTRODUCTION TO WESTERN PHILOSOPHY I MR. HUDSON AND STAFF</p>	<p>Some typical problems in western philosophy: ethics, socio-political philosophy, and philosophy of religion. Formerly listed as Philosophy 123. <i>Three credit hours.</i></p>
<p>134 INTRODUCTION TO WESTERN PHILOSOPHY II MR. HUDSON AND STAFF</p>	<p>Some typical problems in western philosophy: theory of knowledge, metaphysics, and philosophy of science. Formerly listed as Philosophy 124. <i>Three credit hours.</i></p>
<p>211 MORAL PHILOSOPHY MR. REUMAN</p>	<p>The bases of judgment on questions of good and bad, right and wrong; the application of ethical principles to questions of political obligations and social values. <i>Three credit hours.</i></p>
<p>*236 SOCIAL PHILOSOPHY MR. REUMAN</p>	<p>Readings from Plato, Locke, Rousseau, and Marx; their relevance to contemporary problems. <i>Three credit hours.</i></p>
<p>†[258] PHILOSOPHICAL PROBLEMS IN LOGIC AND MATHEMATICS</p>	<p>A treatment of philosophical problems arising from logic and mathematics, e.g., the nature of axiomatic theories, the limitations of the axiomatic method, the nature of logical and mathematical truth, nominalism and realism, and the relation of logic to philosophy. <i>Prerequisite:</i> Philosophy 112 or permission of the instructor. <i>Three credit hours.</i></p>
<p>[277], 278 PHILOSOPHICAL PERSPECTIVES MR. HUDSON AND OTHERS</p>	<p>Interdisciplinary considerations of various topics, involving lecturers from several departments. In 1974-75 the topic was "St. Thomas Aquinas." In 1975-76, "Philosophical Perspectives on America": lectures and discussions of philosophical issues related to the birth of the United States and the development of the American national character. Coordinated with the college's celebration of the national bicentennial. <i>Three credit hours.</i></p>

281, 282 CULTURAL EUTHENICS: A NEW ADAM AND A NEW EDEN MR. TODRANK	Listed as Religion 281, 282 (<i>q.v.</i>). <i>Three or four credit hours.</i>
[313] AESTHETICS	Problems that arise in analyses and criticisms of the arts. <i>Prerequisite:</i> Three hours of philosophy or permission of the instructor. <i>Three credit hours.</i>
*316d1 METAPHYSICS MR. HUDSON	A contemporary approach to the problem of reality or being and such metaphysical topics as time, space, substance, and causality. Attention also to methods for dealing with metaphysical problems and of validating metaphysical claims. <i>Three credit hours.</i>
†[317] PHILOSOPHY OF SCIENCE	Inductive logic and problems in the philosophy of science. Observation, law, explanation, theory, and associated concepts in the sciences will be considered. <i>Three credit hours.</i>
†[318] ETHICS AND GENERAL THEORY OF VALUE	Philosophic approaches to the nature of value, especially ethical judgments. Among the views considered will be intuitionism, emotivism, "good reasons" theory, and those relating to scientific findings. <i>Prerequisite:</i> Philosophy 211 or permission of the instructor. <i>Three credit hours.</i>
331 HISTORY OF ANCIENT PHILOSOPHY MR. PARKER	Comparative study of the philosophical systems of Plato and Aristotle, with secondary attention to the pre-Socratics, Socrates, Epicurus, the Stoics, and Plotinus. <i>Three or four credit hours.</i>
332 HISTORY OF MODERN PHILOSOPHY MR. REUMAN	European philosophy from Descartes to the nineteenth century, with special attention to the works of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. <i>Four credit hours.</i>
333 PHILOSOPHY OF EDUCATION MR. HUDSON	Philosophical positions held by theorists from Plato to Dewey; primarily for teacher candidates majoring in subjects commonly taught in high schools. Other students may elect this course with permission of the instructor. <i>Three credit hours.</i>
352 AMERICAN PHILOSOPHY	Representative thinkers in each major period and movement in American philosophical thought, and an attempt to relate the

MR. HUDSON	teachings of these thinkers to contemporary philosophical, educational, and social issues. <i>Three credit hours.</i>
353 CONTEMPORARY ANALYTIC PHILOSOPHY MR. MCARTHUR	Major figures in the analytic tradition from 1900 to the present, with particular emphasis on Russell, Wittgenstein, and Quine. <i>Prerequisite:</i> Two semester courses in philosophy or permission of the instructor. <i>Three credit hours.</i>
[355] INDIAN THOUGHT	Types of Indian philosophy of the ancient period. <i>Prerequisite:</i> Two semester courses in philosophy and/or religion; no previous Indian thought. <i>Three credit hours.</i>
*356 INDIAN THOUGHT INSTRUCTOR	Types of Indian philosophy of the modern period. <i>Prerequisite:</i> Two semester courses in philosophy and/or religion. <i>Three credit hours.</i>
†[359] NINETEENTH-CENTURY PHILOSOPHY	Post-Kantian thinkers such as Hegel, Kierkegaard, Schopenhauer, Nietzsche, and Bergson. Special attention to the revolt against reason, evolution, and alienation. <i>Prerequisite:</i> Philosophy 331 and 332, or permission of the instructor. <i>Three or four credit hours.</i>
*372 PHILOSOPHY OF RELIGION MR. PARKER	Some of the principal philosophical problems concerning the nature and justification of religious belief and experience, problems such as the nature of God, arguments for the existence of God, the problem of evil, mysticism, and the relation of faith and reason. <i>Prerequisite:</i> One course in philosophy and one course in religion, or permission of the instructor. <i>Three credit hours.</i>
*373d2 HISTORY OF MEDIEVAL PHILOSOPHY MR. MCARTHUR	History of philosophy from Augustine to Ockham. The principal issue studied is the problem of the reconciliation of faith and reason in the work of the scholastics. <i>Prerequisite:</i> Philosophy 331. <i>Three or four credit hours.</i>
*374 EXISTENTIALISM AND PHENOMENOLOGY MR. REUMAN	A survey of the principal thinkers of twentieth-century existential philosophy, with minor attention to phenomenology. Readings will be from some of the following: Heidegger, Sartre, Jaspers, Marcel, Buber, and Merleau-Ponty. Philosophy 359 is a desirable background but is not required. <i>Prerequisite:</i> Two semester courses in philosophy or permission of the instructor. <i>Three credit hours.</i>

391, 392
PHILOSOPHY SEMINAR
STAFF

Seminars in selected areas of philosophy. In 1975-76 the topics will be: 391, "Nonviolence" (Mr. Reuman—enrollment limited); 392, "Topics in Greek Philosophy" (Mr. Parker—either the pre-Socratics or Plato's later dialogues, depending on student interest). Open to majors and nonmajors.

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

491, 492
INDEPENDENT STUDY
STAFF

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

Prerequisite: Permission of the instructor. *One to four credit hours.*

Physical Education

241, 242
INTRODUCTION TO THE
ART OF DANCE
MS. MITCHELL

An historic survey of the art of dance from its primitive ritual beginnings to its development as an art form in western civilization. The course includes lectures, films, an introduction to basic theory, composition, and movement experience. No dance experience necessary.

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

311, 312
ORGANIZATION AND
ADMINISTRATION OF
ATHLETICS AND PRINCIPLES
OF ATHLETIC COACHING
MR. MCGEE AND MR. NELSON

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

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

323, 324
PRINCIPLES AND METHODS OF
PHYSICAL EDUCATION FOR
SECONDARY SCHOOLS
MRS. BITHER

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

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

341, 342
MODERN DANCE
COMPOSITION AND THEORY
MS. MITCHELL

Compositional problems relating to the theories of various modern dance artists, an introduction to dance notation, a study of the modern dance repertory through films and direct movement experience. May not be included in the basic 105 graded hours required for graduation.

Prerequisite: Service class in modern dance or movement and permission of the instructor. *Three credit hours.*

491, 492
INDEPENDENT STUDY
MS. MITCHELL

Individual dance problems in areas where the student has the interest and competence to work independently. May not be included in the basic 105 graded hours required for graduation.

Prerequisite: Physical Education 341, 342 and permission of the instructor. *One to three credit hours.*

Physics

IN THE DEPARTMENT OF PHYSICS AND ASTRONOMY

121, 122
GENERAL PHYSICS
MR. METZ AND MR. BRIGGS

A quantitative introduction to the interpretation of theoretical and experimental problems in the fields of mechanics, electricity and magnetism, relativity, and the physics of atoms and nuclei. Physics 211 may serve as prerequisite for Physics 122. Lecture and laboratory. *Four credit hours.*

211
INTERMEDIATE MECHANICS
MR. DUDLEY

An introduction to analytical Newtonian mechanics, emphasizing the application of calculus to the analysis of mechanical systems. Lecture and laboratory.

Prerequisite: Physics 121 or permission of the department, and Mathematics 122 (may be taken concurrently). Open to freshmen with advanced standing in calculus who have had a strong preparation in physics. *Four credit hours.*

232
ATOMIC AND NUCLEAR
PHYSICS
MR. METZ

An intermediate treatment of quantum physics, illustrated by topics in atomic, nuclear, and solid-state physics, and emphasizing the experimental evidence for modern theories of the structure of matter. Lecture and discussion.

Prerequisite: Physics 122 and Mathematics 122. *Four credit hours.*

311
ADVANCED MECHANICS
MR. DUDLEY

The dynamics of rigid bodies, special relativity, Lagrangian and Hamiltonian dynamics, and systems with many degrees of freedom. The techniques of linear algebra and of differential equations will be applied. Lecture and discussion.

Prerequisite: Physics 211 and Mathematics 311 (may be taken concurrently). *Four credit hours.*

321, 322
ELECTRICITY AND MAGNETISM
MR. BRIGGS

First semester: a theoretical treatment of electromagnetic phenomena through Maxwell's equations. Lecture and discussion. Second semester: electrodynamics and modern optics. Lecture and laboratory.

Prerequisite: For 321, Physics 122 and Mathematics 221 (may be taken concurrently); for 322, Mathematics 222 (may be taken concurrently). *Four credit hours.*

331d
THERMODYNAMICS
MR. METZ

Concepts of temperature, energy, entropy, heat, and work, and their thermodynamic relations as developed from a microscopic point of view. Single and multicomponent systems are discussed, using both classical and quantum statistics. Lecture and discussion.

Prerequisite: Physics 211, 232, and Mathematics 222 (may be taken concurrently). *Four credit hours.*

[351d]
ELECTRONICS

A semi-independent-study laboratory course in electronic principles, circuits, and instrumentation. Open each semester to the limit of available equipment.

Prerequisite: Physics 122, Mathematics 121, and permission of the department. *Two or three credit hours.*

441, 442
THEORETICAL PHYSICS
MR. METZ AND MR. DUDLEY

First semester: an introduction to the mathematical formulations of nonrelativistic quantum mechanics, including Schroedinger wave mechanics, operator algebra, perturbation techniques, and electron spin. Applications to one-dimensional and simple three-dimensional systems are developed. Second semester: a continuation of the first semester, with applications to selected topics in solid-state physics, nuclear physics, and quantum optics, as interests dictate. Lecture.

Prerequisite: Physics 232 and 311 or permission of the department. *Three credit hours.*

451, 452
SENIOR LABORATORY
MR. METZ AND MR. BRIGGS

Experiments drawn from classical and modern physics, with emphasis on precision and experimental technique.

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

491, 492
INDEPENDENT STUDY
STAFF

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

Prerequisite: Permission of the instructor. *Two to five credit hours.*

Portuguese

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

*121, 122

PORTUGUESE AS A SECOND
ROMANCE LANGUAGE

MS. DOEL

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.
Four credit hours.

Psychology

111d

INTRODUCTION TO
PSYCHOLOGY

STAFF

An overview of contemporary psychology, introducing concepts, theories, and methods current in the field. This course is prerequisite to any further work in the department. *Three credit hours.*

114

QUANTITATIVE METHODS

MR. JOHNSON

Quantitative methods in psychology, with emphasis on basic statistical principles and techniques of data gathering, processing, and analysis. Introduction to computing and programming as applied to psychology.

Prerequisite: Psychology 111. *Four credit hours.*

*234

PSYCHOLOGICAL TESTS AND
MEASUREMENTS

MR. LESTER

The theory and problems of psychological measurement, with special emphasis on the construction and application of psychological tests.

Prerequisite: Psychology 111 and 114. *Three credit hours.*

252

CHILD AND ADOLESCENT
PSYCHOLOGY

MR. ZOHNER

The psychological processes of the child and adolescent, with special emphasis on their practical importance for education, emotional stability, and parenthood. May not be taken for credit by psychology majors, whose attention is called to Psychology 311.

Three credit hours.

261, 262

PERSONALITY AND ABNORMAL
PSYCHOLOGY

MR. LESTER AND MR. PEREZ

Problems, theories, and research concerned with the dynamics of behavior. First semester: major systematic interpretations and current research in personality. Second semester: the dynamics of abnormal behavior.

Prerequisite: Psychology 111. Three credit hours.

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- 271
EXPERIMENTAL PSYCHOLOGY
MR. ZOHNER
- Discussion of the planning, execution, and interpretation of research in psychology.
Prerequisite: Psychology 111, Psychology 114 or Mathematics 242, and permission of the instructor. Three credit hours.
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- 272
PHYSIOLOGICAL PSYCHOLOGY
MS. SKOWBO
- The study of neural processes underlying experience and behavior; the ways in which the nervous system codes perception, movement, hunger, sleep, attention, motivation, memory, and learning.
Prerequisite: Two semester courses in psychology, two semester courses in biology, and permission of the instructor. Three credit hours.
-
- 273
VISION AND VISUAL PERCEPTION
MS. SKOWBO
- The capabilities of the human visual system as related to the physical aspects of the seen world and to the physiological mechanisms involved. Topics include: color vision; night vision; perception of brightness, depth, and form; and visual illusions. Formerly listed as Psychology 274.
Prerequisite: Two semester courses in psychology, one semester of a laboratory science, and permission of the instructor. Four credit hours.
-
- 291d
SOCIAL PSYCHOLOGY
MR. GILLESPIE
- Representative topics in contemporary social psychology: methodological problems, the self, attitudes, social motivation, person perception, and group influence.
Prerequisite: Psychology 111. Three credit hours.
-
- 311
DEVELOPMENTAL PSYCHOLOGY
MR. ZOHNER
- Principles of development from conception through adolescence, examined from biological, sociocultural, and psychodynamic perspectives.
Prerequisite: Psychology 271. Three credit hours.
-
- *314
MOTIVATION
MR. ZOHNER
- A theoretical and historical analysis of current research in motivation, focusing on such topics as drive, reinforcement, consummatory behavior, aggression, emotion, sleep, and imprinting. Formerly listed as Psychology 213.
Prerequisite: Psychology 271. Four credit hours.
-
- 317
SEMINAR IN DEVELOPMENTAL PSYCHOLOGY
MR. ZOHNER
- Historical, theoretical, and empirical aspects of the development of the individual. Special attention will be given to a critical analysis of existing research and methodology.
Prerequisite: Permission of the instructor. Three credit hours.

†[332] LEARNING	A consideration of the principles of learning and the empirical evidence underlying them. Formerly listed as Psychology 331. <i>Prerequisite:</i> Psychology 271 and permission of the instructor. <i>Four credit hours.</i>
391 HISTORY AND SYSTEMS OF PSYCHOLOGY MR. PEREZ	The historical background of modern psychology and the development of such systematic viewpoints as behaviorism, Gestalt psychology, and psychoanalysis. <i>Prerequisite:</i> Three semester courses in psychology. <i>Three credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work. <i>Prerequisite:</i> Permission of the department. <i>One to four credit hours.</i>

Religion

IN THE DEPARTMENT OF PHILOSOPHY AND RELIGION

121, 122 INTRODUCTION TO WESTERN RELIGION MR. TODRANK	The Judaeo-Christian tradition in historical perspective: basic beliefs, institutions, and movements characteristic of successive epochs, and their influence on western culture. <i>Three credit hours.</i>
†[217] RELIGION IN AMERICA	The beliefs and practices of Protestantism, Catholicism, and Judaism as examined against the background of an historical survey of religion in American life, leading to an exploration of selected issues of current interest in American religion. <i>Three or four credit hours.</i>
†[218] THE SCIENTIFIC STUDY OF RELIGION	Methodologies and classical studies in the disciplines of anthropology, sociology, psychology, history of religions, economics, art history, and theology. Enrollment limited. <i>Three credit hours.</i>
223, 224 BIBLICAL LITERATURE MR. LONGSTAFF	Biblical literature in terms of its historical and cultural context, its original meaning, and its relevance to the contemporary world. The first semester deals with the Old Testament; the second, with the Apocrypha and the New Testament. <i>Three or four credit hours.</i>

<p>281, 282 CULTURAL EUTHENICS: A NEW ADAM AND A NEW EDEN MR. TODRANK</p>	<p>First semester: the relationship between the life-style of modern man and the current environmental crisis, and the resulting urgent need for a new "Adam" and a new "Eden." Second semester: an analysis of some of the economic, political, ethical, and religious aspects of essential reforms to achieve a new era for a new earth. Faculty members from other departments will participate in panel discussions of the basic issues. <i>Three or four credit hours.</i></p>
<p>*316d1 CONTEMPORARY WESTERN THEOLOGY MR. THORWALDSEN</p>	<p>A survey of modern methods and styles in theological discourse, including examples of the use of poetry, drama, art, and music. <i>Prerequisite:</i> Permission of the instructor. <i>Three credit hours.</i></p>
<p>†[319] PRIMITIVE RELIGION</p>	<p>Archaic and primitive religious life. The religion of aborigines, Polynesians, African and Latin-American tribes, and North American Indians. <i>Prerequisite:</i> One course in philosophy or religion. <i>Three credit hours.</i></p>
<p>321, 322 EAST ASIAN AND INDIAN RELIGIONS MR. THORWALDSEN AND INSTRUCTOR</p>	<p>History and characteristics of Indian and Oriental religions and Islam. Special attention is given to the Vedanta tradition of Hinduism, Theravada Buddhism, Zen in China and Japan, Sufism in Islam. <i>Prerequisite:</i> One course in philosophy, religion, East Asian studies, or permission of the instructor. <i>Three credit hours.</i></p>
<p>†[351] THE BOOK OF JOB</p>	<p>The main themes of the narrative and the speeches will be explored with reference to the genre, the original context, and the relevance of the book to contemporary events and problems. <i>Prerequisite:</i> Religion 121 or 223. <i>Three credit hours.</i></p>
<p>[352] THE THEOLOGY OF PAUL</p>	<p>Paul's letters, and the controversies that prompted them, will be studied as a basis for understanding Pauline theology, its relation to other elements of first-century Christianity, and its influence on later western thought. <i>Prerequisite:</i> Religion 224. <i>Three credit hours.</i></p>
<p>*353 THE GREAT PROPHETS OF ISRAEL MR. LONGSTAFF</p>	<p>An intensive study of several of the Old Testament prophets, their lives, and messages. The course will consider each prophet's impact on his own times, and will raise the question of the importance of prophecy in ancient and modern times. <i>Prerequisite:</i> Religion 223. <i>Three credit hours.</i></p>

*358
JESUS OF NAZARETH
MR. LONGSTAFF

A critical study of the Gospel materials dealing with the life and teaching of Jesus. Giving attention to method, the course will examine some of the recent literature on the topic.
Prerequisite: Religion 224 and permission of the instructor. *Three credit hours.*

*372
PHILOSOPHY OF RELIGION
MR. PARKER

Listed as Philosophy 372 (*q.v.*). *Three credit hours.*

*373d2
HISTORY OF MEDIEVAL
PHILOSOPHY
MR. MCARTHUR

Listed as Philosophy 373 (*q.v.*). *Three or four credit hours.*

391, 392
RELIGION SEMINAR
STAFF

Seminars in selected areas of religion. In 1975-76 the topics will be: 391, "Archaeology and the Bible" (Mr. Longstaff); 392, "Varieties of Judaism, Ancient and Modern" (Mr. Longstaff). Open to majors and nonmajors.
Prerequisite: Permission of the instructor. *Three credit hours.*

491, 492
INDEPENDENT STUDY
STAFF

Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work.
Prerequisite: Permission of the instructor. *One to four credit hours.*

Russian

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

111, 112
ELEMENTARY RUSSIAN
MR. KEMPERS

Introduction to the language by a modified audio-lingual method, with emphasis on understanding spoken Russian and on reading. Use of taped materials in the language laboratory is a regular part of the class work. *Four credit hours.*

113, 114
INTERMEDIATE RUSSIAN
MR. KEMPERS

Continued study of grammar, with emphasis on understanding spoken Russian and on reading, through the study of short stories and plays. Use of taped materials in the language laboratory continues as an integral part of the course.
Prerequisite: Russian 112 or two years of high-school Russian and appropriate score on the placement test. *Four credit hours.*

225, 226
ADVANCED RUSSIAN
MR. KEMPERS

Continued work on the language, intensive study of selected works of Russian literature.
Prerequisite: Russian 114 or permission of the instructor. *Three or four credit hours.*

491, 492
INDEPENDENT STUDY
MR. KEMPERS

Individual readings in areas of the student's major interest.
Prerequisite: Permission of the instructor. *Two to four credit hours.*

Selected Topics

-97, -98
STUDY OF SELECTED TOPICS

Each department and interdisciplinary major may from time to time offer special courses not otherwise included in its regular course listing. When such a course is offered, it will be listed under the appropriate subject heading. The first digit of its number will depend on the level at which it is offered. Titles, descriptions, prerequisites, and number of credits will be determined by the department or interdisciplinary major offering the course, and will be available at registration.

Sociology

112
INTERACTION PROCESS
ANALYSIS
MR. ROSENTHAL

Theories and methods of understanding interpersonal behavior as it occurs in small groups. An attempt to synthesize concepts, theory, and observation of the group. A student may not be concurrently enrolled in Sociology 222. Enrollment limited.
Prerequisite: Freshman standing and permission of the instructor. *Three credit hours.*

221e, 222
PRINCIPLES OF SOCIOLOGY
STAFF

Human society: its growth, institutions, activities, and problems. The course attempts to synthesize the available knowledge and concepts necessary for a scientific understanding of our complex modern society. In 1975-76 three sections will be reserved for freshmen only. *Three credit hours.*

†[312]
SHORT COURSES IN
SOCIOLOGY

Several topics will be considered over varying time segments throughout the semester. Each short course is autonomous, and a student may elect any or all. Topics for 1974-75 included "The

Thirties, a Time for Remembrance” and “Native American Cultures.”

Prerequisite: Sociology 221, 222 and permission of the instructor. *One to three credit hours per topic.*

313
HISTORY OF SOCIAL
THOUGHT
MR. DOEL

Survey of man’s ideas about human nature and the social order, centered on social thinkers prior to the development of sociology. Selected social thoughts of civilized man from Hammurabi to Comte, contrasted with selections from folklore, myths, stories, songs, proverbs, and riddles of nonliterate peoples.

Prerequisite: Sociology 221, 222 or permission of the instructor. *Three credit hours.*

314
SOCIOLOGY OF RELIGION
MR. DOEL

The relationship between religion and society. Major world religions and those of primitive peoples, analyzed in terms of origin, development, and function within social systems. Modes of human adjustment to the natural world, myth and ritual, mana and taboo, totemism, magic, witchcraft, and divination. Particular attention given to classical studies of religious phenomena by sociologists and anthropologists.

Prerequisite: Sociology 221, 222 or permission of the instructor. *Three credit hours.*

318
CONTEMPORARY THEORY
MR. MORRIONE

An analysis of the contemporary state of sociology as a discipline, with focus on problems of theory building, utilization of data collection methods, reformulation of the scope and subject matter of the field, and development of converging and diverging points among current schools of thought.

Prerequisite: Sociology 221, 222 and permission of the instructor. *Three credit hours.*

331
CONTEMPORARY SOCIAL
PROBLEMS
MR. DOEL

Analysis of selected problems in contemporary society. Attention given to areas such as urbanization, population, poverty, and the depletion of natural resources. Programs for the alleviation of social problems will be reviewed and evaluated. *Three credit hours.*

332
HUMAN ECOLOGY
MR. DOEL

The spatial distribution of people and institutions from early societies to the present day. Consideration will be given such topics as natural regional areas, urban zone and map theory, individual and institutional competition in space, and factors related to population concentration and environmental relationships.

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

†[333] DELINQUENCY AND CRIME	Delinquency and crime in social and cultural perspective, conditions and situations that encourage antisocial conduct, the philosophy and practice of punishment, and programs for reducing or eliminating delinquency and crime. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
337 THE SOCIOLOGY OF CHILD DEVELOPMENT MR. ROSENTHAL	The family as transmitter of the culture, relationships between social forces acting upon the family and the socialization process, and relationships between family characteristics, transmission, and socialization. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
352 RACE AND MINORITIES MR. ROSENTHAL	Major problems of race and minority groups in the modern world. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
†[353] URBAN SOCIOLOGY	An eclectic study of the city as a sociological phenomenon: the historical and ecological development of the city, population and selective migration, group life and personality, and organization and disorganization of urban areas. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
†[354] COMPARATIVE SOCIAL SYSTEMS	Contemporary societies as they relate to ideal-typical models of western technological development. Analysis of social processes effected by the transition from traditionalism to industrialism in newly developing nations. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
*361, 362 CULTURAL ANTHROPOLOGY MR. BIRGE	Introductory anthropology, with special emphasis on the implications of the social and cultural experiences of primitive people for modern society. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
373 THE FAMILY MR. KINGDON	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. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.
374 SOCIAL STRATIFICATION MR. KINGDON	Social classes of North America, as portrayed through the literature of community studies. Emphasis will center on the culture of the middle class. <i>Prerequisite:</i> Sociology 221, 222. Three credit hours.

<p>381, †[382] INTRODUCTION TO RESEARCH AND METHODOLOGY IN SOCIOLOGY MR. MORRIONE</p>	<p>The variety of basic research methods and techniques employed by sociologists. The reciprocal relation between theory and research, research design, sampling, scaling, and techniques for data collection are among the major topics studied. Second semester: prime focus directed at analysis and evaluation of existing sociological research. Students will also have the opportunity to design and execute a limited piece of individual research. <i>Prerequisite:</i> Sociology 221, 222; permission of the instructor required for 382. Sociology 381: <i>three credit hours</i>; 382: <i>three or four credit hours</i>.</p>
<p>391 SOCIAL CHANGE MR. MORRIONE</p>	<p>Although an historical approach is used at times, this course is primarily theoretical. The mechanisms, functions, and the consequences of social change. Particular attention is given to the relevance of social change for the social order. <i>Prerequisite:</i> Sociology 221, 222. <i>Three credit hours</i>.</p>
<p>393 COMPLEX SOCIAL ORGANIZATIONS MR. ROSENTHAL</p>	<p>Utilizing an historical perspective and sociological orientation, this course will examine the existing and empirical data and theoretical concepts dealing with the behavior of people in business and other organizations. <i>Prerequisite:</i> Sociology 221, 222. <i>Three credit hours</i>. <i>Note:</i> This course may be offered cooperatively with Administrative Science 413. A student may not receive credit for both Sociology 393 and Administrative Science 413.</p>
<p>†[394] COLLECTIVE BEHAVIOR</p>	<p>A course that seeks to shed light on the plight of contemporary man through the examination of the various instances of collective behavior—crowds, masses, publics, and social movements—and the forces which mold each. Consideration is given also to public opinion, propaganda, communication and the major mass media, and their functions in modern society. Formerly listed as Sociology 396. <i>Prerequisite:</i> Sociology 381 or permission of the instructor. <i>Three credit hours</i>.</p>
<p>401, 402 SOCIOLOGY SEMINAR MR. GIB</p>	<p>Major problems of sociology as a science. Much of the work is devoted to individual projects developed from group discussions. <i>Prerequisite:</i> Senior standing and permission of the instructor. <i>Three credit hours</i>.</p>
<p>411 NORMATIVE SOCIAL THEORY MR. BIRGE</p>	<p>Normative social theory, with special emphasis upon such works as Plato's <i>Republic</i>, Owen's <i>A New View of Society</i>, and Bellamy's <i>Looking Backward</i>.</p>

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

412
HISTORY OF SOCIOLOGICAL
THEORY
MR. BIRGE

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

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

416
SPECIAL TOPICS
MR. MORRIONE

Topics in selected areas of sociology. For 1975-76: "Social Deviance." The definitions of deviance and theories of explanation and analysis of deviant behavior. Readings and discussions will focus on the history and development of contemporary perspectives and attempts to synthesize them.

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

491, 492
INDEPENDENT STUDY
STAFF

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

Prerequisite: Senior standing and permission of the department. *Two to four credit hours.*

INTERDEPARTMENTAL COURSE

Psychology 291d, Social Psychology, is also applicable toward fulfillment of the major in sociology (see psychology listings for description of this course). *Three credit hours.*

Spanish

IN THE DEPARTMENT OF MODERN FOREIGN LANGUAGES

Unless otherwise specified, all courses numbered above 114 are conducted in Spanish.

111, 112
ELEMENTARY SPANISH
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. *Four credit hours.*

113, 114
INTERMEDIATE SPANISH
STAFF

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

Prerequisite: Spanish 112 or two years of high-school Spanish and appropriate score on the placement test. *Three credit hours.*

[115] SPANISH PRONUNCIATION	The theory and practice of Spanish pronunciation. Supplementary drills and exercises in the language laboratory. Does not fulfill language requirement. Nongraded. <i>Prerequisite:</i> Spanish 112 or equivalent. <i>Two credit hours.</i>
125, 126 INTRODUCCIÓN AL MUNDO HISPÁNICO STAFF	The Hispanic tradition reflected in the works of major figures of Spain and Latin America. In-depth study of selected works with collateral readings. <i>Prerequisite:</i> Spanish 114. <i>Three credit hours.</i>
131 ADVANCED SPANISH MR. PÉREZ	An advanced review of grammar, with practice in written composition. <i>Prerequisite:</i> Spanish 114 or equivalent. <i>Three credit hours.</i>
261, 262 LATIN-AMERICAN LITERATURE MR. HOLLAND AND MS. DOEL	First semester: Latin-American literature from the colonial period through the nineteenth century. Second semester: literature from the <i>Modernistas</i> through Rómulo Gallegos. <i>Prerequisite:</i> Spanish 126. <i>Three or four credit hours.</i>
†[332] CONTEMPORARY LATIN- AMERICAN LITERATURE	Authors to be studied will include Borges, Neruda, García Márquez, and Vargas Llosa. <i>Prerequisite:</i> Spanish 126. <i>Three or four credit hours.</i>
†[337] MIEVIAL SPANISH LITERATURE	Medieval Spanish classics: <i>El Cid</i> , <i>El Libro de Buen Amor</i> , <i>La Celestina</i> , and <i>El Romancero</i> . <i>Prerequisite:</i> Spanish 126. <i>Three or four credit hours.</i>
351 EL SIGLO DE ORO MR. CAUZ	The Spanish classical theatre, the picaresque novel, and selected works of Cervantes. <i>Prerequisite:</i> Spanish 126. <i>Three or four credit hours.</i>
†[352] DON QUIJOTE	Study and analysis of <i>Don Quijote de la Mancha</i> . <i>Prerequisite:</i> Spanish 126. <i>Three or four credit hours.</i>
†[355] NINETEENTH-CENTURY SPANISH LITERATURE	The principal works of romanticism and realism. <i>Prerequisite:</i> Spanish 126. <i>Three or four credit hours.</i>
†[356] THE GENERATION OF 1898	The principal figures of this generation: Unamuno, Azorín, Baroja, Valle-Inclán, and Machado. <i>Prerequisite:</i> Spanish 126. <i>Four credit hours.</i>

[357] MODERN SPANISH LITERATURE	The literature of twentieth-century Spain through Federico García Lorca. <i>Prerequisite:</i> Spanish 126. <i>Four credit hours.</i>
*358 THE CONTEMPORARY SPANISH NOVEL MR. CAUZ	The Spanish novel from Camilo José Cela through the 1960's. <i>Prerequisite:</i> Spanish 126. <i>Four credit hours.</i>
*397 THE POST-MEXICAN- REVOLUTION NOVEL MR. PÉREZ	A study of contemporary Mexico as revealed in the Mexican novel of the years 1935-75. Emphasis will be on Yáñez, Rulfo, Fuentes, and Mojarro. <i>Prerequisite:</i> At least one 300-level Spanish literature course. <i>Three or four credit hours.</i>
491, 492 INDEPENDENT STUDY STAFF	Individual projects in areas where the student has demonstrated the interest and competence necessary for independent work. <i>Prerequisite:</i> Permission of the instructor. <i>Two to four credit hours.</i>
[493, 494] SEMINAR IN SPANISH AND LATIN-AMERICAN LITERATURE	Topics, which change each semester, may cover an author, a genre, or a literary movement. <i>Prerequisite:</i> Permission of the instructor. <i>Three or four credit hours.</i>
499d LANGUAGE TEACHING STAFF	Directed practice in conduct of introductory language courses. Open to a limited number of students enrolled in Modern Foreign Languages 411. May not be included in basic 105 hours required for graduation. Nongraded. <i>Two credit hours.</i>

Western Civilization

491, 492 INDEPENDENT STUDY STAFF	Individual study of special problems in western civilization in areas where the student has demonstrated the interest and competence necessary for independent work. <i>Prerequisite:</i> Permission of the instructor and the program director. <i>One to three credit hours.</i>
493, 494 SEMINAR IN WESTERN CIVILIZATION STAFF	Interdisciplinary seminars conducted by at least two members of the western civilization advising faculty, leading to the composition of a major essay. Required of all senior majors in western civilization. <i>Three credit hours.</i>

Preparation for Graduate and Professional Schools

The director of career counseling advises on matters related to graduate study; information on graduate programs is available in his office. He works closely with department chairmen, major advisers, and members of faculty committees to inform students of opportunities for fellowships and scholarships in graduate schools. From this office, students may obtain information on admission 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 and their major advisers.

LAW AND GOVERNMENT SERVICE

The committee on professional preparation for law and government service advises students preparing for careers in these areas. The prelaw 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.

MEDICINE AND DENTISTRY

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. It is strongly advised that mathematics be pursued at least through the first year of calculus. Organic and general chemistry are required.

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

Although some dental schools admit applicants after three years, and sometimes after only two years, of college work, the leading schools prefer students with a college degree. Each applicant, regardless of his major, must meet the specific requirements in biology, chemistry, physics, and English, which differ with different dental schools.

The dental-college admission test is ordinarily taken in the spring of the junior or fall of the senior year.

Each interested student should consult a member of the com-

mittee on professional preparation for medicine and dentistry early in his freshman 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 and two at Rochester. 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 that 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.

Members of the mathematics and physics departments serve as advisers 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, in cooperation with the college chaplain, serves as adviser to students who plan to enter seminaries.

Students preparing for the ministry are assisted in attending seminary conferences by grants from the Clarence R. Johnson Conference Fund.

SECONDARY SCHOOL TEACHING

Because education is an eclectic, interdisciplinary study that draws heavily upon philosophy, history, sociology, and psychology, Colby does not offer a major in education *per se*. Instead, relevant subjects are offered by appropriate departments to enable the student to qualify for regular secondary-school-teacher certification in Maine and most other states in the fields of English, social studies, science, mathematics, Latin, American studies, environmental studies, and commonly taught modern foreign languages. Because certification requirements are in a state of flux, the student must assume the responsibility for obtaining the necessary

information and planning a program with the office of education that will meet his needs.

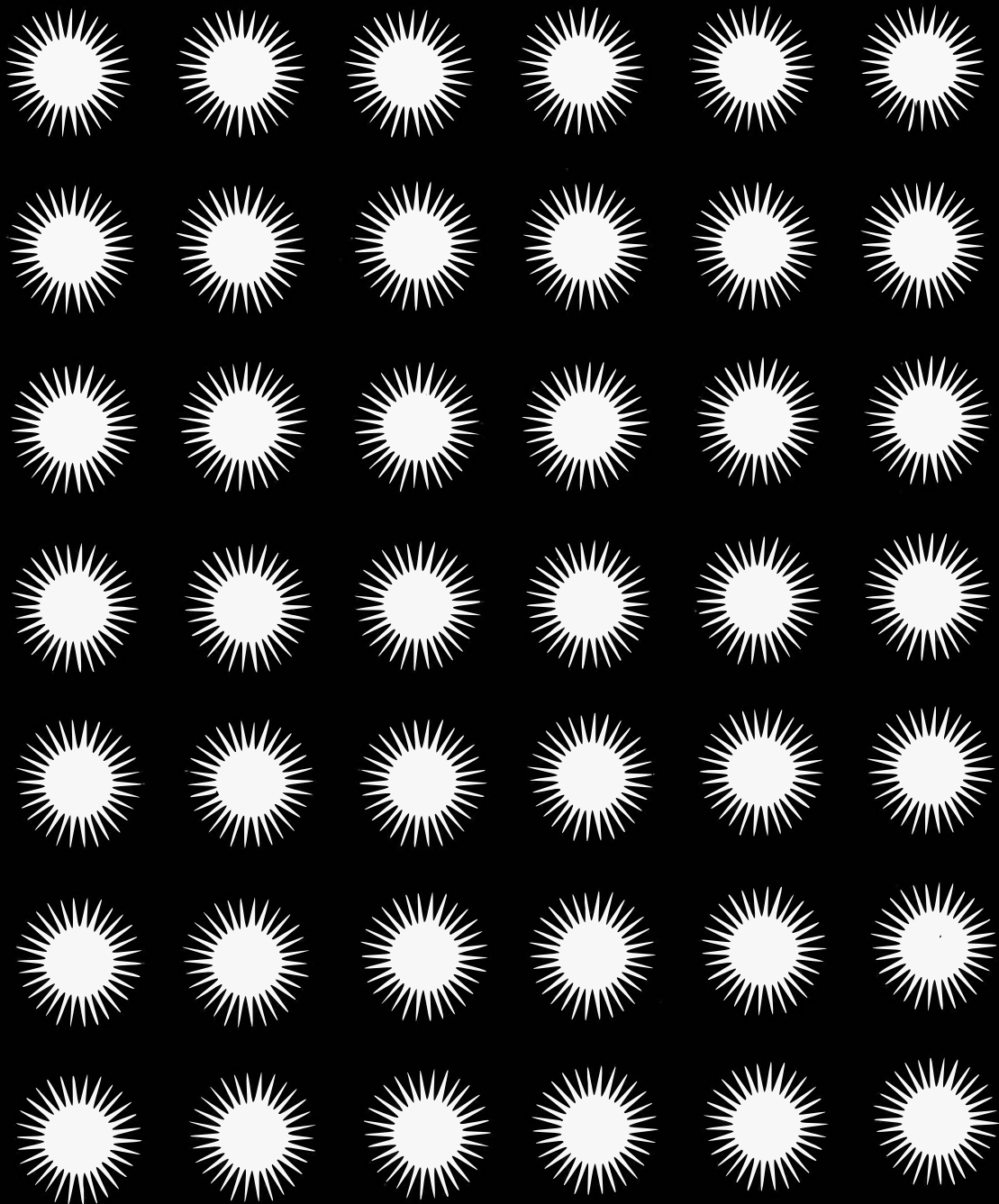
Candidates for preschool and elementary teaching, special education, guidance, administration, and special subjects such as art and music may take the sophomore- and junior-level courses only and complete their certification requirements elsewhere.

Students are urged to take all the field experiences open to them in the program.

BUSINESS

Graduate programs in the administrative sciences at such schools as Harvard, Chicago, Cornell, the Wharton School of the University of Pennsylvania, and the Amos Tuck School of Dartmouth College continue to attract many Colby College graduates. Interested students should, early in their college careers, seek counsel from members of the department of administrative science. Seniors are urged to take the admissions test for graduate study in business.

III Directories and Appendices



III DIRECTORIES AND APPENDICES

- 167 THE CORPORATION
- 170 FACULTY
- 184 ADMINISTRATIVE STAFF
- 188 ENROLLMENT BY STATES AND COUNTRIES
- 189 DEGREES AND HONORS
 - DEGREES AWARDED AT COMMENCEMENT, 190
 - HONORS, 194
- 199 COLLEGE PRIZES
- 206 INTERVIEWERS FOR ADMISSION
- 213 THE RESEARCH INSTITUTE OF THE GULF OF MAINE
- 214 WCBB-TV
- 215 INDEX
- 220 COLLEGE CALENDAR

The Corporation

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Roberts Professor of English Literature
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Dana Professor of Biology
- KINGSLEY HARLOW BIRGE, PH.D. (Dartmouth, Yale)
Professor of Sociology
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Dana Professor of French Literature
- JAMES MORTON CARPENTER, PH.D. (Harvard)
Jetté Professor of Art

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Professor of History
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Professor of Modern Languages (Spanish)
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Director of Dramatics

MARSHA TEITELBAUM, M.S.L.S. (Barnard, Case Western Reserve)
Reference Librarian

¹On leave full year 1974-75.

²On leave first semester 1974-75.

³On leave second semester 1974-75.

⁴First semester only 1974-75.

⁵Second semester only 1974-75.

⁶Part-time.

⁷Part-time first semester 1974-75.

⁸Part-time second semester 1974-75.

⁹Deceased February 1, 1975.

COLLEGE COMMITTEES
1974-75

The president of the college, and in his absence the vice-president for academic affairs, shall be a member *ex officio* of all committees of the college. The first-named member of each committee is its chairman. Names with numerals following in parentheses are elected members; the numerals indicate the year of expiration of the term on the committee.

- ADMINISTRATIVE** President Strider; Vice-Presidents Jenson, Pullen; Dean Wyman; Professors Cauz ('75), Todrank ('76), Allen ('77); Assistant to the President Smith; Professor Hall (secretary, nonvoting); three students (Miss Oken; Messrs. Muller, Taylor).
- ADMISSIONS** Vice-President Jenson; Dean Wyman; Vice-President Pullen; Professors Terry ('75), Curran ('76), Meehan ('77), Berschneider ('77); Dean of Admissions Carroll (nonvoting); four students (Miss McPherson; Messrs. North, Gliwa, Wechsler); one nonvoting alumnus (Mr. Demong).
- ATHLETICS** Professors Machemer ('77), R. Gillespie ('75), Hogendorn ('76), McGee, Bither; three students (Miss Conant; Messrs. S. Smith, Richardson); one nonvoting alumnus (Mr. Jabar).
- BOOKSTORE** Professors D. Reuman ('76), Knight ('75), Dudley ('77); Bookstore Manager Fair; two students (Mr. Parks; Miss Nist).
- EDUCATIONAL POLICY** Vice-President Jenson; Professors Armstrong, Geib, R. Reuman ('75), Shepardson ('75), L. Ferguson ('75), Archibald ('76), Maisel ('76), H. Pestana ('76); three students selected by the Student Association (Messrs. Huebner, North, Parks); two students appointed by the president (Miss Dekker; Mr. E. Snyder); without vote: Dean of Students Wyman; Professor Hall (secretary); alumni representative (Mrs. Abbott).
- FINANCIAL AID** Vice-President Pullen; Deans Wyman, Carroll, Seitzinger; Treasurer Cox; Director of Financial Aid Farr; Professors Thorwaldsen ('75), Fowles ('76), Geib ('77), Mizner ('77); four students (Misses Lindsay, Frutchy; Messrs. P. Brown, Rabin); one nonvoting alumnus (Mr. Bither).
- FINANCIAL PRIORITIES** Vice-Presidents Pullen, Jenson; Professors Hogendorn ('75), Champlin ('76), Carpenter ('77); three students (Miss Barnes; Messrs. Boghossian, Perkins); one nonvoting alumnus (Mr. Eustis).
- FOREIGN STUDIES AND STUDENT EXCHANGE** Professors Cauz, Biron, Champlin, Elison, Filosof, Longstaff, P. Perez; Registrar Coleman; Assistant Dean of Students Seitzinger; Assistant to the Dean of Faculty Downing; four students (Misses Breslin, Bastron, Field, Patten).
- LIBRARY** Director of Library Curran; Audiovisual Librarian Girardin; Professors Elison ('75), Armstrong ('75), J. Wyman ('76), H. Pestana ('77); one student (Mr. Khan).
- RIGHTS AND RULES** H. Friedman (student); Deans Sweney, Seitzinger; Professor J. Gillespie ('75); Ms. Girardin ('76); four additional students (Misses Brox, Hall; Messrs. C. Snyder, Boghossian).

- SENIOR SCHOLARS Professors Maier ('77), Raymond ('75), W. Miller ('76), Westervelt; one student (Mr. Kraft).
- SPECIAL PROGRAMS Professors Bundy ('75), McArthur ('76), Combellack ('77); Assistant to the Dean of Faculty Downing; three students (Messrs. Casto, Foster, Hubbe).
- STANDING Professors Benbow, Knight, Bennett; Vice-President Jenson; Dean Wyman; Registrar Coleman; two students (Miss Bispham; Mr. Stubner).

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1974-75

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- GRADUATE SCHOLARSHIP Director of Career Counseling Farr; Professors Bassett, Bundy, D. Reuman, Sweney, Terry, Todrank, Weissberg, W. Zukowski.
- GRIEVANCE Professors Suss ('75), Gemery ('76), C. Ferguson ('77).
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- RESEARCH, TRAVEL, AND SABBATICAL LEAVES Vice-Presidents Jenson, Pullen; Professors Armstrong, Reid, Weissberg.

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Pauline Wing (Mrs.)
Secretary, Natural Science

John Jenkins
Manager, Dana Dining Hall

Russell W. Colvin
Manager, Roberts Union Dining Hall

MAINTENANCE STAFF DEPARTMENT HEADS

J. Norman Poulin
Sanitation Foreman

Robie F. Bickmore
Heating Foreman

Fernand J. Michaud
Outside Foreman

Roy Brackett
Electrical Foreman

MEDICAL STAFF

Clarence E. Dore, M.D.
College Physician

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

Carl E. Nelson, M.E.D.
Director of Health Services

Normand Sylvestre, B.A.
Assistant Head Trainer

Priscilla Sargent, R.N.
Head Nurse in Residence

NURSES

Terry Borman (Mrs.), R.N.

Marion Collins (Mrs.), R.N.

Elizabeth Frost (Mrs.), R.N.

Jeanne Harfoush (Mrs.), R.N.

Jean Palmer, R.N.

Lita Poulin (Mrs.), Nurse's Aide

Mildred Richardson (Mrs.), R.N.

DIETARY STAFF

Inza T. Foster (Mrs.)
Manager, Foss Dining Hall

Enrollment by States and Countries

CLASSIFIED ACCORDING TO GEOGRAPHICAL
LOCATIONS OF STUDENTS' HOMES 1974-75

	<i>Men</i>	<i>Women</i>	<i>Total</i>		<i>Men</i>	<i>Women</i>	<i>Total</i>
ALL AREAS	937	692	1629	South Carolina	1	2	3
				Texas	4	3	7
				Utah	1	0	1
				Virginia	9	13	22
NEW ENGLAND	603	435	1038	Washington	2	1	3
Connecticut	100	66	166	Wisconsin	1	4	5
Maine	126	103	229				
Massachusetts	307	200	507	FOREIGN COUNTRIES	34	17	51
New Hampshire	35	33	68	Bahamas	2**	0	2
Rhode Island	27	20	47	Bangladesh	1	0	1
Vermont	8	13	21	Brazil	1*	0	1
				Canada	12***	2*	14
OUTSIDE NEW ENGLAND	300	240	540	Costa Rica	1	0	1
Alabama	1	1	2	Ecuador	1	0	1
California	10	7	17	England	0	3	3
Colorado	3	6	9	Ethiopia	1	0	1
Delaware	1	2	3	France	1*	2**	3
District of Columbia	1	4	5	Germany	1*	0	1
Florida	2	5	7	Greece	0	1*	1
Georgia	1	3	4	Holland	0	1	1
Idaho	1	0	1	Honduras	0	1	1
Illinois	10	9	19	Hong Kong	3	0	3
Indiana	3	2	5	Iceland	0	1	1
Iowa	0	1	1	Indonesia	1	0	1
Kansas	0	1	1	Iran	0	1*	1
Louisiana	2	1	3	Japan	5****	0	5
Marshall Islands	0	1	1	Korea	1	0	1
Maryland	13	13	26	Malaysia	0	1	1
Michigan	4	6	10	Morocco	0	1*	1
Minnesota	9	7	16	Philippines	1*	2**	3
Missouri	5	2	7	Tanzania	1	0	1
Nebraska	1	1	2	Turkey	0	1	1
New Jersey	68	48	116	Venezuela	1*	0	1
New Mexico	1	1	2				
New York	99	71	170				
North Carolina	2	4	6				
Ohio	11	5	16				
Pennsylvania	32	16	48				
Puerto Rico	2	0	2				

Each * denotes one American citizen.

Degrees and Honors

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

A second category of honors, entitled *distinction in the major*, is awarded to a student on the specific recommendation of the department. To be eligible, the student must have at least an average of 3.25 in the major and recommendation of the major department. The department recommends *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 society, founded in 1776, restricts its chapters to leading colleges and universities, and maintains high scholastic standards. The Beta Chapter of Maine was organized at Colby in 1895.

Each spring, the college recognizes student achievement with the announcement of various honors and awards. Among those recognized are: members of Phi Beta Kappa; Senior Scholars for the ensuing year; winners of college prizes; newly elected members of Blue Key, honor society for senior men and senior women; and recipients of Phi Beta Kappa certificates, awarded to members of the three lower classes for distinction in scholarship.

Academic excellence is also recognized at a convocation each fall for the Julius Seelye Bixler and Charles A. Dana scholars. Bixler Scholars are the top-ranking students as determined by the academic records of the preceding year. Dana Scholars are selected on the basis of a strong academic performance and potential leadership.

The Dean's List, recognizing high academic standing, and announced at the conclusion of each semester, includes the name of every student whose average of all marks in the previous semester has been at least 3.2 in a minimum of twelve graded credit hours for upperclassmen, 3.0 in a minimum of twelve graded credit hours for freshmen.

Degrees Awarded at Commencement

Sunday, June 2, 1974

BACHELOR OF ARTS

- Susan Carolyn Alexander, *Farmington, Me.*
 Elizabeth Jean Allan, *Howey-in-the-Hills, Fla.*
 Priscilla Hope Allen, *Plymouth, Mass.*
 John DeKoven Alsop, *Avon, Conn.*
 Peter Vincent Amato, *Middletown, Conn.*
 Jennifer Jo Andrews, *Camden, Me.*
 Martha Jean Arey, *Manchester, Conn.*
 Charles Hopkins Ashton, *Princeton, N.J.*
 Carol Marie Auskelis, *Atlanta, Ga.*
 Barbara Badger, *Portsmouth, N.H.*
 Andrew Chauvin Baglev, *Ridgewood, N.J.*
 David Hill Bailev, *Hanover, N.H.*
 Alice Rutledge Tillman Baird, *Wilmington, Del.*
 Nicholas Anthony Ballas, *Waterville, Me.*
 Margaret Nena Barnes, *Suffolk, Va.*
 Mary Wadsworth Barnev, *Portland, Me.*
 Paul Francis Barresi, *Cranston, R.I.*
 Sean Patrick Barry, *Trenton, N.J.*
 Jeffrey Clark Barske, *North Haven, Conn.*
 Judith Helen Bassett, *Rumson, N.J.*
 Sandra Wood Bates, *Montpelier, Vt.*
 Martin Gerard Battcock, *Hampton, N.H.*
 Mariellen Ruth Baxter, *Ware, Mass.*
 Brett Thomas Bavlev, *Tilton, N.H.*
 Richard Whalen Beaubien, Jr., *Canton, Mass.*
 Laurel Anne Bedig, *Belmont, Mass.*
 Arthur Lewis Bell, *Needham, Mass.*
 Elizabeth Belsky, *Franklin Square, N.Y.*
 Karen Margaret Bennett, *Manchester, N.H.*
 Martha Ware Benson, *St. Paul, Minn.*
 Martin Stuart Berk, *Portland, Me.*
 Martha Ann Bernard, *Sherborn, Mass.*
 Shelley Jan Bieringer, *Hartsdale, N.Y.*
 Beverly Wilkins Blanchard, *Worcester, Mass.*
 Reginald Glenn Blaxton, *Washington, D.C.*
 Christine Ann Bogosian, *Brockton, Mass.*
 Stephen Allen Bolduc, *Willimantic, Conn.*
 Rebecca Anne Bolton, *Sherborn, Mass.*
 Cheryl Lynne Booker, *Wellesley, Mass.*
 Eric Francis Boonstra, *Sharon, Mass.*
 Tova Botwinik, *Brooklyn, N.Y.*
 Leo Clayton Bowers, *Carrsville, Va.*
 James Otis Brace, *Beltsville, Md.*
 Judith Ann Bradeen, *Cincinnati, Ohio*
 Denise Alice Bradley, *Farmington, Me.*
 James Watt Bradshaw IV, *Harrisonburg, Va.*
 James Michael Brennan, *Marlboro, Mass.*
 Lisa Marie Brinkman, *Presque Isle, Me.*
 Clifton Rea Brittain, *Glenshaw, Pa.*
 Carroll Wayne Brower, *Plaquemine, La.*
 Phyllis Ann Brown, *Hudson, N.H.*
 Susan Baker Brown, *Swampscott, Mass.*
 Remi Justin Browne, *Sudbury, Mass.*
 Pamela Eve Brownstein, *New Haven, Conn.*
 Lois Kyle Buck, *Middleborough, Mass.*
 Gerald Peter Buckley, *Hyde Park, Mass.*
 Robert Anthony Burgess, *Boca Raton, Fla.*
 Candace Hope Burnett, *Milford, N.H.*
 Anne Taylor Callaghan, *Montclair, N.J.*
 William Maklev Callahan, *Brockton, Mass.*
 Stephen James Capaldo, *Boston, Mass.*
 Anne Marie Caponetto, *Pleasantville, N.Y.*
 Lawrence Anthony Cappellico, *Rahway, N.J.*
 Christopher Pozzy Carlisle, *Bangor, Me.*
 Bruce William Carmichael, *Manlius, N.Y.*
 Francine Denise Carr, *Portsmouth, Va.*
 Edward Joseph Cavazuti, Jr., *Hamden, Conn.*
 John Richard Chamberlain, *Bothell, Wash.*
 Dianne Elizabeth Chaplin, *Topsfield, Mass.*
 Joseph Michael Chapuk, Jr., *Trenton, N.J.*
 Gail Marie Chase, *Pawtucket, R.I.*
 Su-Hin Chee, *Kota Kinabalu, Malaysia*
 Lynette Frances Cillev, *Lincolnton, Me.*
 Catherine Clark, *Norfolk, Va.*
 William Louis Clay, *North Easton, Mass.*
 Jeffrey Louis Cohen, *Oradell, N.J.*
 Stephen Paul Colella, *North Reading, Mass.*
 Stephen Brian Collins, *Arlington, Va.*
 Henry Neal Conolly, *Darien, Conn.*
 Lynn Stockton Coody, *Point Pleasant, N.J.*
 Marcia Leslie Cook, *Melrose, Mass.*
 Linda Jean Cooper, *Manlius, N.Y.*

- Ann Louise Copley, *Stoughton, Mass.*
 Elizabeth Jane Corydon, *Schoten, Belgium*
 Beverly Anne Crockett, *Weston, Mass.*
 Michael Robert Currie, *Cranford, N.J.*
 Mark Edward Curtis, *Marblehead, Mass.*
 Sarah Jane Dailey, *Oquossoc, Me.*
 Linda Adair Day, *Brussels, Belgium*
 Virginia Lee Day, *Bradford, Mass.*
 Robert Eugene DeCosta, Jr., *Waterville, Me.*
 Philip Henry DeFord, *New York, N.Y.*
 Dennis Delehanty, *South Weymouth, Mass.*
 Katherine Eugenie Dew, *Boston, Mass.*
 David George DiCola, *Providence, R.I.*
 Anita Sherwood Dillon, *Annapolis, Md.*
 Stephen Roger Dolan, *Cape Elizabeth, Me.*
 Claudia Jennifer Dold, *Oyster Bay, N.Y.*
 Douglas Earl Dorfman, *Newton, Mass.*
 Lynn D'Orlando, *Needham, Mass.*
 Catherine Mary Downes, *Melrose, Mass.*
 Bruce Conrad Drouin, *Montreal, Quebec*
 Susan Mary Dugdale, *Branford, Conn.*
 Helena Lai-Nam Dunn, *Hong Kong*
 Yvan Emilien Dupuy, *Greenwich, Conn.*
 Carolyn Dusty, *Wrentham, Mass.*
 Jane Eagar Dutton, *Wayland, Mass.*
 S. Ann Earon, *Barrington, R.I.*
 Mary Andrea Eckhoff, *Oyster Bay Cove, N.Y.*
 Medhane Gebre Egziabher, *Addis Abeba, Ethiopia*
 Bruce Timothy Eisenhut, *Westford, Mass.*
 Stephen Adam Etzel, *Farmington, Me.*
 F. David Famulari, *Nahant, Mass.*
 Brigid Ann Farrell, *Norwich, Vt.*
 John Edward Faulkner, *Alfred, Me.*
 Karen Rhodes Fellows, *South Hamilton, Mass.*
 Ralph Frederick Field, *Fairfield, Me.*
 David Joseph Finger, *Chelsea, Mass.*
 Francis Albert Fiore, Jr., *Warwick, R.I.*
 George A. Fleury III, *Hillsdale, N.Y.*
 Dean Michael Florian, *Wilbraham, Mass.*
 Toinette Helen Fontrier, *Albertson, N.Y.*
 Barbara Dale Forney, *Wilmington, Del.*
 Margaret Blair Fox, *Ewa Beach, Hawaii*
 Susan Byers Francis, *Kansas City, Mo.*
 Cheryl Alison Fraser, *Amesbury, Mass.*
 Robert Guy Freeman, *Windsor, Conn.*
 David Scott French, *West Hartford, Conn.*
 Thomas Lewis Gallant, *Bath, Me.*
 Mark Kenneth Garfield, *Arlington, Mass.*
 Christopher Karl Germer, *Wayne, N.J.*
 Thomas George Gill, *Warwick, R.I.*
 Jill Anne Gilpatric, *Lexington, Mass.*
 Kevin Arthur Glenn, *Cold Spring Harbor, N.Y.*
 William Townsend Glidden, Jr., *Manchester, Mass.*
 James Ernest Glover, *Long Island City, N.Y.*
 Howard Mark Goldstein, *Boston, Mass.*
 Sten Christian Goodhope, *Seattle, Wash.*
 Anne Cooley Graves, *Dubuque, Iowa*
 Nancy Claire Greer, *Potomac, Md.*
 Robert Charles Grelotti, *Framingham, Mass.*
 Thomas Grizzard, Jr., *Waterville, Me.*
 Elliot James Gruen, *New Haven, Conn.*
 Nancy Elaine Haden, *Warwick, R.I.*
 Steven Richard Hake, *Laurel, Md.*
 Elaine Christine Halberg, *Natick, Mass.*
 Robin Jane Hamill, *Bernardsville, N.J.*
 Janis Wood Hampshire, *Worcester, Mass.*
 Jeffrey Marshall Hancock, *Wenham, Mass.*
 Gail Lynn Hansen, *West Redding, Conn.*
 Kenneth Russell Hardigan, *Concord, Mass.*
 Paul Thomas Harrington, *Chelmsford, Mass.*
 Russell Wayne Harwood, *Middletown, Conn.*
 Phyllis Lynn Hasegawa, *St. Louis, Mo.*
 Edward Thomas Hatch, *Lexington, Mass.*
 James Alan Heald, *Chicago, Ill.*
 Karen Louise Heck, *Orchard Park, N.Y.*
 Barbara Joy Henwood, *Christmas Cove, Me.*
 George Dee Herbert, *Avon, N.J.*
 Louise McTigue Hessert, *Bangor, Me.*
 Andrea Leslie Hicks, *Boca Raton, Fla.*
 Douglas James Hill, *Marblehead, Mass.*
 Scott Cooper Hobden, *Hingham, Mass.*
 John Frederick Hoering, *West Newbury, Mass.*
 Prudence Margaret Hoerter, *Chatham, N.J.*
 Stephen Maurice Horan, *Weston, Mass.*
 Gail Monica Howard, *Gouverneur, N.Y.*
 William Raymond Howe, *Chelmsford, Mass.*
 Harriet Graham Hults, *Richmond, Vt.*
 Robert Hugh Huxster, *Bala-Cynwyd, Pa.*
 Rachel Vida Hyman, *Buffalo, N.Y.*
 Deborah Haruko Ikehara, *Waimea, Hawaii*
 Susan Marie Illingworth, *Smithfield, R.I.*
 Shigefumi Inagaki, *Tokyo, Japan*
 David Duke Inglehart, *Alexandria Bay, N.Y.*
 Alan Edward Jaffa, *Warwick, R.I.*
 Ann Maureen Jason, *Wakefield, Mass.*
 Charles Walter Jenks III, *Scituate, Mass.*

- Charles Fredrick Jewitt, *South Euclid, Ohio*
 Bruce Winter Jones, *Ross, Calif.*
 Donald Alton Joseph, *Waterville, Me.*
 Stephen Martien Kelsey, *Grand Isle, Vt.*
 Edward Arthur Kemp, *Auburn, Mass.*
 George Knauer III, *Hillside, N.J.*
 Laurence Richard Kominz, *Bethesda, Md.*
 Claudia Joan Kraehling, *Minneapolis, Minn.*
 Laurence Wilmer Kranich, *Worcester, Mass.*
 Diana S. Krauss, *Pittsfield, Mass.*
 Beverly Ruth Kraut, *Little Silver, N.J.*
 Linda Anne Krohn, *River Falls, Wis.*
 Karen Lillian Kruskal, *Princeton, N.J.*
 John C. Ladky, *Milwaukee, Wis.*
 Herbert Samuel Landsman, Jr., *Cincinnati, Ohio*
 Michael Charles LaPenna, *Beverly, Mass.*
 Warren Peter Lawson, *North Reading, Mass.*
 Howard Allan Lazar, *Plainview, N.Y.*
 James Robert Lazour, *Brockton, Mass.*
 Ann Marie LeBlanc, *Waterville, Me.*
 Donald Bruce Levis, *Belmont, Mass.*
 Tina Marie Lindegren, *Riverside, Conn.*
 Andrew Seth Lipton, *Teaneck, N.J.*
 Rebecca Sue Littleton, *Monkton, Md.*
 Thomas Kenney Lizotte, *Waterville, Me.*
 Theodore F. Logan, *Scarborough, Me.*
 Ronda Fay Luce, *Readfield, Me.*
 Ricardo Lujan Lunsford, *Guatemala, Guatemala*
 Katharine Helen Lyon, *Houston, Tex.*
 Glenn Stephen MacPherson, *Rehoboth, Mass.*
 Brian Scott MacQuarrie, *Norwood, Mass.*
 Thomas Henry MacVane, *South Portland, Me.*
 James Edward Mahoney, *Wellesley, Mass.*
 Deborah Ann Marden, *Wilmington, Del.*
 Joseph Mattia, *Westfield, Mass.*
 Raymond Allan Mazurek, *Lawrence, Mass.*
 Susan Greer McBratney, *South Dartmouth, Mass.*
 Jane Bradford McIntire, *Hamilton, Mass.*
 Julia Edwards McNagny, *Columbia City, Ind.*
 Michael George McNamara, *North Bergen, N.J.*
 Kevin James McNeil, *Melrose, Mass.*
 H. Jefferson Megargel II, *Bronxville, N.Y.*
 Kenneth Ronald Melvin, *Portsmouth, Va.*
 Thomas Newell Metcalf III, *Boston, Mass.*
 Gary David Millen, *Lynnfield, Mass.*
 Kristen Lynn Miller, *Fanwood, N.J.*
 Richard Gardella Miller, *Haverhill, Mass.*
 Jeremiah Francis Minihan, *North Andover, Mass.*
 Marjorie Ann Moore, *Falmouth, Mass.*
 Pauline Norma Morin, *Skowhegan, Me.*
 Catherine Ann Morris, *Newburyport, Mass.*
 Jane Morris, *Bridgton, Me.*
 Frank Delzell Muhler, *Upper Montclair, N.J.*
 Robin Antony Nichols Mycock, *Sydney, Australia*
 William Henry Narwold, *Brookfield Center, Conn.*
 Lynne Hart Neikirk, *Springfield, Pa.*
 Wilford Harold Neptune, *Newton, Mass.*
 Leslie Renee Nickerson, *Chicago, Ill.*
 Bonnie Lowe Nielson, *Stockbridge, Mass.*
 Mark Matthew O'Connell, *Norwood, Mass.*
 Jacqueline Anne Olivet, *Kingston, N.Y.*
 Vicki Anne Parker, *Concord, N.H.*
 Harold Conant Payson II, *Falmouth, Me.*
 Charles Clifton Penney III, *Orlando, Fla.*
 Mark Stephen Pestana, *Waterville, Me.*
 Emme-King Peterson, *Worcester, Mass.*
 Catherine Mary Phillips, *Damariscotta, Me.*
 John Steven Noyes Phipps, *South Windsor, Conn.*
 James Douglas Pierson, *Pennington, N.J.*
 Margaret Elizabeth Pinette, *Millinocket, Me.*
 Peter John Plasse, *Lexington, Mass.*
 Betty Ann Pomerleau, *Waterville, Me.*
 Christiana Sheldon Pope, *Ridgewood, N.J.*
 Sonja Anne Powers, *Skowhegan, Me.*
 Robert Allan Preble, *North Monmouth, Me.*
 Peter Mace Prime, *Lake Placid, N.Y.*
 Twila Christine Purvis, *Princeton, N.J.*
 Patricia Rachal, *Lowell, Mass.*
 Daniel Rapaport, *Sharon, Mass.*
 Norman James Rattey, Jr., *Westborough, Mass.*
 Michael Ready, *Belmont, Mass.*
 Ann McDonald Reiman, *Yarmouth, Me.*
 R. Anne Richards, *Orchard Lake, Mich.*
 Donald George Richardson, *Dudley, Mass.*
 John Frederick Robbins, *Concord, Mass.*
 Beth Louise Roberts, *Farmington, Me.*
 Albert Dean Rosellini, *Seattle, Wash.*
 Brian Ralph Rothberg, *Philadelphia, Pa.*
 David Richmond Roulston, *Milton, Mass.*
 Michael Joseph Roy, *Waterville, Me.*
 Nancy Gibson Rump, *West Chester, Pa.*
 Barbara Foster Ryder, *Batesville, Va.*
 Scott Davis Ryerse, *Edina, Minn.*
 Jody St. Hilaire, *West Yarmouth, Mass.*
 Maryann Elizabeth Sartucci, *Meriden, Conn.*
 Karen Dee Sawitz, *Fayetteville, N.Y.*

Steven George Schlerf, *Cinnaminson, N.J.*
 Peter Philip Schultz, *Teaneck, N.J.*
 Jeffrey Adams Seip, *Arlington, Va.*
 Malinda Lee Selby, *Whittier, Calif.*
 Ursula Marie Senenky, *Augusta, Me.*
 Edward Sewall III, *Bath, Me.*
 Donald Richard Sheehy, *Shelton, Conn.*
 Michael Sherrill, *Rumford, R.I.*
 Judith Taylor Balise Sidell, *West Hartford, Conn.*
 James Vincent Signorile, *Ridgewood, N.J.*
 Robert Jay Silverman, *Holbrook, Mass.*
 Rodger Harris Silverstein, *Passaic, N.J.*
 Beatriz Simonis, *Barquisimeto, Venezuela*
 Carol Christine Smart, *Setauket, N.Y.*
 Deborah Lynn Smith, *Springfield, Mass.*
 Gregory LeBaron Smith, *Bay Village, Ohio*
 Scott Palmer Smith, *Waterville, Me.*
 Nancy Lynn Snow, *Farmingdale, N.J.*
 Mary Ann Soursourian, *Melrose, Mass.*
 Nancy Louise Spangler, *Drexel Hill, Pa.*
 Sandra Jane Spurr, *Lynn, Mass.*
 Mark Edward Standen, *Closter, N.J.*
 Edmund Bruce Stanton, *Petersburg, N.Y.*
 Jonathan Mason Stapleton, *New York, N.Y.*
 Mary Lenhardt Steffey, *Pittsburgh, Pa.*
 Richard David Steinberg, *Lower Merion, Pa.*
 Susan Ruth Steinberg, *Hollywood, Fla.*
 Jeffrey Robert Stone, *Milton, Mass.*
 Susan Diana Stork, *Chevy Chase, Md.*
 Rosemary Stowell, *West Bethel, Me.*
 Michael Jonathan Strone, *New York, N.Y.*
 Ellen Frances Suchow, *Union, N.J.*
 Thomas S. Sullivan, *Manchester, Conn.*
 Linden Dulaney Summers III, *Hamilton, N.Y.*
 Scott Henry Surdut, *Cranston, R.I.*
 Robin Riley Sweeney, *Shaker Heights, Ohio*
 Michael Anthony Taglieri, *Groveland, Mass.*
 Joanne Tankard, *Weymouth, Mass.*
 Barbara Marshall Thayer, *Concord, Mass.*
 Robert Charles Theberge, *Brunswick, Me.*
 Laurice Diane Thompson, *Marshfield Hills, Mass.*
 Katherine Ann Tibbetts, *South Orrington, Me.*
 Carol Jean Todd, *Chebeague Island, Me.*
 Robert Charles Tommasino, *Stoneham, Mass.*
 Robert Morgan Tonge, Jr., *Waterville, Me.*
 Donald R. Toussaint, *Somersworth, N.H.*
 Ann Hoffman Traver, *Barrington, R.I.*
 Alfred Alan Traversi, *Watertown, Mass.*

Lynn Dianne Urban, *Portland, Me.*
 Kathleen Elizabeth Vadillo, *Westwood, N.J.*
 Emilie Louise van Eeghen, *Montclair, N.J.*
 Richard Alan Vann, *Wayland, Mass.*
 Cynthia Stewart Vietor, *Houston, Tex.*
 Russell Edward Wahl, *Manila, Philippines*
 Jean Louise Wahlstrom, *Bernardston, Mass.*
 Barry Wayland Walch, *Manchester, Conn.*
 Tara Melissa Wallace, *Dover, Mass.*
 Beatrice Ward, *Portsmouth, Va.*
 Richard Arthur Warn, Jr., *Pembroke, Mass.*
 Diana Elizabeth Waterous, *Jefferson, N.H.*
 Deborah Lee Wathen, *Chester, N.J.*
 Rochelle Anne Weiner, *Brooklyn, N.Y.*
 Arlene Gail Weinrauch, *New York, N.Y.*
 Gordon Edward Welch, Jr., *Wickford, R.I.*
 Jeffrey L. Werner, *Randolph, Mass.*
 Craig Lawrence Weston, *East Meadow, N.Y.*
 Marvin Herbert White, *Sharon, Mass.*
 Sharon Anne White, *Middlebury, Conn.*
 Joan Gerd Wiese, *Bethel, Me.*
 Keith Robert Wilder, *New Haven, Conn.*
 Neal Earl Williams III, *Salem, Conn.*
 Lucieta Ruth Willsie, *Philadelphia, Pa.*
 Janice Ava Wilson, *New York, N.Y.*
 Emily Anne Wingate, *Missoula, Mont.*
 Kenelm Edward Winslow, *Wallingford, Conn.*
 Carol Joyce Wood, *New Canaan, Conn.*
 Robert Spencer Wright, *Natick, Mass.*
 D. Omar Wynn, *Portsmouth, Va.*
 Carol Danan Wynne, *Wayland, Mass.*
 Michael Joseph Wynne, *Braintree, Mass.*
 Andrew Martin Zeller, *Westport, Conn.*
 Michelle Ione Ziff, *Longmeadow, Mass.*

As of the Class of 1973

Barbara Higgins Bowen, *Northboro, Mass.*
 Eugene S. Boyles, Jr., *Woburn, Mass.*
 Edward Lloyd Hathaway III, *South Portland, Me.*
 David Raymond Lane, *Saco, Me.*
 Julie Claire Meisner, *Stamford, Conn.*
 Robert Kenneth Sewall, *Waterville, Me.*
 John E. Wentworth, *Monson, Me.*

As of the Class of 1972

David Joseph Belton, *Hamilton, Mass.*
 David Joel Cohen, *Medford, Mass.*
 David Roy Collins, *Kittery, Me.*

*As of the Class of 1967*Gail Robbins Henningsen, *Bay Head, N.J.*

MASTER OF SCIENCE IN TEACHING

Tommy Paris Adkins, *Tallmadge, Ohio*Robert George Boyer, *Ogdensburg, N.Y.*Ted A. Brewer, *Dover, N.H.*Norman Harvey Bridge, *Parkman, Me.*Wayne Eugene Brophy, *Lehighton, Pa.*Sr. Clarice Althea Bucci, *Hammonton, N.J.*Daniel Joseph Chanofsky, *Lake Peekskill, N.Y.*Gerald L. Cool, *Little Falls, Minn.*Edward Winston Davies, *Utica, N.Y.*Merl Ben Davis, *Kent, Ohio*Joseph V. Dobbins, *Patten, Me.*Henry Aloysius Fischer, Jr., *Caldwell, N.J.*John Raymond Fogler, *Eastchester, N.Y.*David Leon Gorsich, *San Diego, Calif.*Audrey B. Green, *Beaver Falls, Pa.*Benjamin Allen Hawkins, *Tampa, Fla.*Philip Dean Hitchingham, *Edgewood, Md.*Sally Baines Howard, *Fremont, Calif.*Phillip Harold Jupp, *Franklin Park, Ill.*Robert Allen Kindt, *Allentown, Pa.*Allen Albert Larson, Jr., *Millinocket, Me.*Sr. Ave Maria McCusker, *Drexel Hill, Pa.*Alfred James Murray, Jr., *Holliston, Mass.*Christopher J. O'Keefe, *Atlantic City, N.J.*Calvin Hayes Parham, *Riverdale, N.Y.*Thomas Marshall Parsnick, *Union Springs, N.Y.*Richard Joel Stolper, *White Plains, N.Y.*Carl Christopher Swanson, *Coventry, R.I.*Donald Raymond Tibbitts, *Valley City, Ohio*Peter Anthony Tuozzolo, *Wilbraham, Mass.*

HONORARY DEGREE RECIPIENTS

Lawrence Mark Cutler

Doctor of Laws

Clarence Everlyn Dore

Doctor of Science

Edward Thaxter Gignoux

Doctor of Laws

William Dodd Hathaway

Doctor of Laws

Gordon Parks

Doctor of Fine Arts

Roger Tory Peterson

Doctor of Science

Richard C. Sewell

Master of Arts

Frances Elizabeth Thayer

Master of Arts

Paul Ellis White

Doctor of Humane Letters

Honors

BACHELOR'S DEGREE WITH HONORS

Summa Cum Laude

Patricia Rachal

Barbara Foster Ryder

Karen Dee Sawitz

Magna Cum Laude

Martin Gerard Battcock

Shelley Jan Bieringer

Edward Joseph Cavazuti, Jr.

Gail Marie Chase

Su-Hin Chee

Philip Henry DeFord

Mary Andrea Eckhoff

David Joseph Finger

Nancy Claire Greer

Thomas Grizzard, Jr.

Steven Richard Hake

Kenneth Russell Hardigan

James Alan Heald

Stephen Martien Kelsey

Laurence Richard Kominz

Karen Lillian Kruskal

Tina Marie Lindegren

Ronda Fay Luce

Raymond Allan Mazurek

Richard Gardella Miller

Jane Morris

R. Anne Richards
 Maryann Elizabeth Sartucci
 Mark Edward Standen
 Richard David Steinberg
 Donald R. Toussaint
 Alfred Alan Traversi
 Diana Elizabeth Waterous
 Gordon Edward Welch, Jr.
 Craig Lawrence Weston
 Michael Joseph Wynne

Cum Laude

Elizabeth Jean Allan
 Lisa Marie Brinkman
 Phyllis Ann Brown
 Pamela Eve Brownstein
 Robert Anthony Burgess
 Lynn Stockton Coody
 Ann Louise Copley
 Michael Robert Currie
 Dennis Delehanty
 Katherine Eugenie Dew
 David George DiCola
 Lynn D'Orlando
 Catherine Mary Downes
 Yvan Emilien Dupuy
 Bruce Timothy Eisenhut
 Toinette Helen Fontrier
 Christopher Karl Germer
 William Townsend Glidden, Jr.
 Anne Cooley Graves
 Robin Jane Hamill
 Louise McTigue Hessert
 Andrea Leslie Hicks
 Deborah Haruko Ikehara
 Alan Edward Jaffa
 Edward Arthur Kemp
 Donald Bruce Levis
 Theodore F. Logan
 Brian Scott MacQuarrie
 Julia Edwards McNagny
 Michael George McNamara
 Pauline Norma Morin
 Wilford Harold Neptune
 Peter John Plasse
 Daniel Rapaport
 Norman James Rattey, Jr.
 Ursula Marie Senenky

James Vincent Signorile
 Carol Christine Smart
 Deborah Lynn Smith
 Michael Jonathan Strone
 Thomas S. Sullivan
 Scott Henry Surdut
 Robin Riley Sweeney
 Barbara Marshall Thayer
 Robert Charles Tommasino
 Russell Edward Wahl
 Barry Wayland Walch
 Jeffrey L. Werner
 Emily Anne Wingate
 Carol Danan Wynne
 Andrew Martin Zeller
 Michelle Ione Ziff

DISTINCTION IN THE MAJOR

Administrative Science

Lynnette Frances Cilley
 Philip Henry DeFord
 Thomas George Gill
 Maryann Elizabeth Sartucci
 Donald R. Toussaint
 Alfred Alan Traversi

American Studies

Edward Joseph Cavazuti, Jr.
 Brian Scott MacQuarrie
 Daniel Rapaport
 Deborah Lynn Smith
 Robert Charles Tommasino
 Emily Anne Wingate

Art

Rachel Vida Hyman
 Claudia Joan Kraehling
 Jane Morris
 Margaret Elizabeth Pinette

Biology

Robin Jane Hamill
 Kenneth Russell Hardigan
 Russell Wayne Harwood
 Ronda Fay Luce
 Richard Gardella Miller
 Peter John Plasse
 R. Anne Richards
 Rodger Harris Silverstein
 Richard David Steinberg

Thomas S. Sullivan

Chemistry

Mark Kenneth Garfield
Robert Hugh Huxster
Theodore F. Logan
Peter John Plasse
Richard David Steinberg
Barry Wayland Walch
Craig Lawrence Weston

East Asian Studies

Elizabeth Jean Allañ
Steven Richard Hake
Laurence Richard Kominz
Karen Dee Sawitz
Carol Christine Smart

Economics

John Richard Chamberlain
Su-Hin Chee
Michael Robert Currie
Donald Bruce Levis
Alfred Alan Traversi

English

Lisa Marie Brinkman
Gail Marie Chase
Thomas Grizzard, Jr.
James Alan Heald
Andrea Leslie Hicks
Edward Arthur Kemp
Raymond Allan Mazurek
Michael George McNamara
Jane Morris
Mark Edward Standen
Robin Riley Sweeney
Barbara Marshall Thaver
Ann Hoffman Traver

Environmental Studies

Lynn Stockton Coody
William Townsend Glidden, Jr.
Deborah Haruko Ikehara

French

Stephen James Capaldo
Yvan Emilien Dupuy
Karen Lillian Kruskal
Barbara Foster Ryder
Andrew Martin Zeller

Government

Andrew Chauvin Bagley
Pamela Eve Brownstein
Robert Anthony Burgess
David Joseph Finger
Barbara Dale Forney
Prudence Margaret Hoerter
Patricia Rachal
Russell Edward Wahl
Arlene Gail Weinrauch

Greek

Mary Andrea Eckhoff
Nancy Claire Greer

History

Martin Gerard Battcock
Judith Ann Bradeen
David George DiCola
David Scott French
Julia Edwards McNagyn
Brian Ralph Rothberg
David Richmond Roulston
Edmund Bruce Stanton
Diana Elizabeth Waterous

Mathematics

Phyllis Ann Brown
Catherine Mary Downes

Music

Shelley Jan Bieringer
Louise McTigue Hessert
Karen Lillian Kruskal

Philosophy

Raymond Allan Mazurek
Wilford Harold Neptune
Mark Stephen Pestana
Peter Mace Prime
Albert Dean Rosellini
Russell Edward Wahl
Gordon Edward Welch, Jr.

Physics

Carolyn Dusty
Alan Edward Jaffa

Psychology

Lynn D'Orlando
Christopher Karl Germer
Charles Walter Jenks III
Tina Marie Lindgren

Ursula Marie Senenky
 Scott Henry Surdut
 Michael Joseph Wynne

Sociology

Martha Ware Benson
 Ralph Frederick Field
 Stephen Martien Kelsey
 Andrew Seth Lipton
 Robert Charles Tommasino

PHI BETA KAPPA

Elected in Junior Year

Lynn D'Orlando
 Ronda Fay Luce
 Patricia Rachal
 Michael Joseph Wynne

Elected in Senior Year

Elizabeth Jean Allan
 Martin Gerard Battcock
 Shelley Jan Bieringer
 Edward Joseph Cavazuti
 Su-Hin Chee
 Ann Louise Copley
 Michael Robert Currie
 Philip Henry DeFord
 Mary Andrea Eckhoff
 David Joseph Finger
 Christopher Karl Germer
 Nancy Claire Greer
 Thomas Grizzard, Jr.
 Steven Richard Hake
 Robin Jane Hamill
 Kenneth Russell Hardigan
 James Alan Heald
 Deborah Haruko Ikehara
 Stephen Martien Kelsey
 Laurence Richard Kominz
 Karen Lillian Kruskal
 Tina Marie Lindegren
 Raymond Allan Mazurek
 Richard Gardella Miller
 Jane Morris
 Wilford Harold Neptune
 Peter John Plasse
 Daniel Rapaport
 Ruth Anne Richards
 Barbara Foster Ryder

Maryann Elizabeth Sartucci
 Karen Dee Sawitz
 Ursula Marie Senenky
 Richard David Steinberg
 Thomas Stephen Sullivan
 Donald Raymond Toussaint
 Alfred Alan Traversi
 Russell Edward Wahl
 Diana Elizabeth Waterous
 Gordon Edward Welch, Jr.
 Craig Lawrence Weston
 Michelle Ione Ziff

SENIOR SCHOLARS

Lawrence Anthony Cappiello
Painting and Drawing

Michael Robert Currie
The Environmental Problem: An Economic Approach and Humanistic Solution

S. Ann Earon
Verdi's Settings of Shakespeare: From Play to Libretto to Opera

Toinette Helen Fontrier
Aspects of the Immunological Response to Ehrlich Carcinoma in Mice

Theodore F. Logan
Nitrogen Fixation, A Problem in Inorganic Synthesis

Susan Diana Stork
Prose Fiction

JULIUS SEELYE BIXLER SCHOLARS

Class of 1974
 Patricia Rachal
 Karen Dee Sawitz

Class of 1975
 Sandra Lou McGowan
 Barbara Lynn Miller
 Sharon Marden Rapp
 Prudence Elizabeth Reed

Class of 1976
 Diane Susan Szymkowicz

CHARLES A. DANA SCHOLARS

Class of 1974
 Martin Gerard Battcock
 Lisa Marie Brinkman

Stephen James Capaldo
Lynn D'Orlando
Catherine Mary Downes
Mary Andrea Eckhoff
Stephen Martien Kelsey
Laurence Richard Kominz
Ronda Fay Luce
Ricardo Lansford Lujan
Harold Jefferson Megargel II
Ruth Anne Richards
Barbara Foster Ryder
Marvann Elizabeth Sartucci
Craig Lawrence Weston
Michael Joseph Wynne

Class of 1975

Deidre Lynne Ballentine
Mary Jo Bastron
Joseph Whitney Bowen II
Robin Dekker
Carolyn Theresa Deuringer
Craig Alan Houston
Celeste Christie Keefe
Jennifer Mustard
George Leonard Neuberger
Deborah Ann Seel
Robin Lee Urner
Edwin David Walczak
George Roland Watts III
Laurie Annbridget White
Robert Patrick Wood

Class of 1976

Thomas Edward Angers
Ann Wilson Beadle
Martha McDowell Bell
Toby Elaine Bobbitt
Scott Dale Butchart
Ambrose Lin-Yau Cheung
Christine Foster
Carrie Louise Getty
Robert Earl Gray
Virginia Amanda Jaschke
John McKinstry Maull
Joanna Roberts Pease
Esther Mac Smith
Julia Elizabeth Stewart

College Prizes 1973-74

GENERAL *George F. Baker Scholarships.* Awarded to sophomores (and usually reawarded to juniors) demonstrating high qualities of character and motivation, a high degree of recognition by their contemporaries, and superior mental competence.

KATHLEEN VIRGINIA ANDERSON '76, PETER KENT ASHTON '76, BRADLEY SCOTT BELANGER '76, KENNETH CLIFTON JOHNSON '76, EDWARD BUCK LIPES '76, RICHARD JOHN OPAROWSKI '76, JOSEPH LOUIS SHAKER '76, DIANE SUSAN SZYMKOWICZ '76.

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

Not awarded.

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.

Frederick F. Brewster Honor Scholarships.

CHARLENE MARIE FOSTER '78, ALICE MOORE JELLEMA '78, LEE CHARLES ROBERTS '78.

Colby Library Associates Book Prize.

THOMAS GRIZZARD, JR. '74.

Condon Medal. Gift of the late Randall J. Condon '86, 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."

ROBERT ANTHONY BURGESS '74.

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. Each year, approximately sixty new Dana Scholars are selected.

Adelaide True Ellery Scholarship. Awarded to a woman for outstanding religious leadership.

JEAN ALICE CROWLEY '75.

Lelia M. Forster Prizes. Awards are made to the freshman man and woman 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."

AWETU SIMESSO '77, SUSAN BARBARA ZAGORSKI '77.

Phyllis S. Fraser Scholarship. Presented by Alpha chapter of Sigma Kappa to a Colby son or daughter.

Not awarded.

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

DIANE ELIZABETH LOCKWOOD '76.

Lieutenant John Parker Holden, II, Award. For students who exemplify the ideals of citizenship, responsibility, integrity, and loyalty.

JAMES MICHAEL HAYES '76.

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

GARY DAVID MILLEN '74.

Kim Miller Scholarship and Trophy. Given by the alumni and active chapter of Lambda Chi Alpha to an outstanding junior man who exemplifies the qualities of friendship, individualism, and leadership.

ROBERT PATRICK WOOD '75.

Lorraine Morel Memorial Award. Given to a junior woman who, by her sense of purpose and service, has made significant contributions to the academic and social life of the campus.

LAURIE BETH FITTS '75.

George T. Nickerson Award. Presented by the Council of Fraternity Presidents to the fraternity that fosters to the greatest extent student, faculty, and administrative relations.

Not awarded.

Laurie Peterson Memorial Book Prize. Given to a junior government major who, through academic achievement and evidence of leadership and character, has made an outstanding contribution to the department.

DEBORAH FAY MARSON '75.

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

MARINA E. THIBEAU '76.

Scott Paper Foundation Award for Leadership. Awarded to a sophomore who has demonstrated outstanding scholarship, leadership, and participation in extracurricular activities.

KEVIN SCOTT COOMAN '75, JANET OKEN '76.

Student Government Service Awards. Presented to a senior man, a senior woman, and a college employee for service to the college.
ROBERT ANTHONY BURGESS '74, ELIZABETH JANE CORYDON '74.

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

FRANCIS JOHN EVANS '75.

Carrie M. True Award. Given to a woman selected for pronounced religious leadership and influence on the life of the college.

JEANNE ELIZABETH O'BRIEN '76.

Waterville Area Colby Alumni Association Award. Presented for scholastic and personal achievement to a senior from the Waterville area.

DONALD ALTON JOSEPH '74.

ADMINISTRATIVE SCIENCE *James J. Harris Prizes.*

ROBERT WALTER EVANS, JR. '75, RAY FRANK MERRILL '75, RICHARD CHARLES PERKINS '75, ROBIN LEE URNER '75, RICHARD DAVID WHITECAR '75.

Ernest L. Parsons Prizes.

PHILIP HENRY DEFORD '74, MARYANN ELIZABETH SARTUCCI '74, DONALD RAYMOND TOUSSAINT '74, ALFRED ALAN TRAVERSI '74.

The Wall Street Journal Award in Finance.

ROBERT WALTER EVANS, JR. '75.

ART AND ARCHITECTURE *Maine Chapter of the American Institute of Architects Prizes.*

Not awarded.

Charles Hovey Pepper Prize.

LINDA ADAIR DAY '74, WYNNE ANN WATSON.

CLASSICS *John B. Foster Prizes.*

NANCY CLAIRE GREER '74, MARIAN HARTMAN '75.

DRAMATICS *Andrew Blodgett Award.*

TOINETTE HELEN FONTRIER '74.

ECONOMICS *Departmental Prizes in Economics.*

SU-HIN CHEE '74, DONALD BRUCE LEVIS '74, ALFRED ALAN TRAVERSI '74.

ENGLISH *Mary Low Carver Prizes for Poetry.*

Women: *1st Prize:* ROBIN DEKKER '75.

2nd Prize: CAROL LORRAINE WHITE '77.

Men: *1st Prize: RAYMOND ALLAN MAZUREK '74.*

2nd Prize: DAVID ALLEN DANE '76.

Solomon Gallert Short Story Prizes.

1st Prize: GAIL MARIE CHASE '74.

2nd Prize: SUSAN DIANA STORK '74.

Elmira Nelson Jones Essay Prize.

DAVID BEECHER BOGAN '77.

HISTORY AND GOVERNMENT *The F. Harold Dubord Prize in Political Science.*

PATRICIA RACHAL '74.

Paul A. Fullam History Prize.

MARTIN GERARD BATTCKOCK '74.

Edward Lampert History Prize.

DAVID GEORGE DiCOLA '75, DIANA ELIZABETH WATEROUS '74.

William J. Wilkinson History Prize.

LISBETH FAY LAWSON '75.

MODERN LANGUAGES *Delta Phi Alpha German Prizes.*

Not awarded.

French Book Prizes.

YVAN EMILIEN DUPUY '74, DEBORAH JOYCE FIELD '75, BARBARA FOSTER RYDER '74, SUZANNE PAULINE THIVIERGE '77.

German Consulate Book Prizes.

DEBORAH JEAN COOPER '76, HOWARD MARK GOLDSTEIN '74.

Japanese Embassy Book Prizes.

ROBIN ANN SHERWOOD '76.

Harrington Putnam German Prizes.

KIMBERLEE AYER '77, DEIDRE LYNNE BALLENTINE '75, CYNTHIA LOUISE BRIDGE '77, LAURE DENISE DUCLOS '76, JOHN MCKINSTRY MAULL '76, SUSAN MARI ROHM '77.

Russian Book Prizes.

DIANE SUSAN SZYMKOWICZ '76.

Spanish Book Prizes.

DEBORAH JAN COHEN '77, VICTORIA MARIE JOHNSON '77.

MUSIC *Colby College Band Award.*

JAMES VINCENT SIGNORILE '74.

Glee Club Awards.

SHELLEY JAN BIERINGER '74, LOUISE MCTIGUE HESSERT '74,
ROBERT SPENCER WRIGHT '74.

Alma Morrisette Award.

PETER PHILIP SCHULTZ '74.

Symphony Orchestra Awards.

SHELLEY JAN BIERINGER '74, CLAUDIA JOAN KRAEHLING '74,

MICHAEL JONATHAN STRONE '74.

NATURAL SCIENCES *ACS Undergraduate Award in Analytic Chemistry.*

BARRY WAYLAND WALCH '74.

American Institute of Chemists Medal.

CRAIG LAWRENCE WESTON '74.

The Webster Chester Biology Prize.

LYNN STOCKTON COODY '74.

Chi Epsilon Mu Prize in Chemistry.

SALLY RUTH BYRD '77.

Departmental Prizes in Science.

Biology: None awarded.

Chemistry: None awarded.

Geology: NEIL MICHAEL BELT '75, RICHARD JEFFREY GLEASON '75,

MARK ROBERT HELMUS '76, MICHAEL JOSEPH ROY '74.

Mathematics: PHYLLIS ANN BROWN '74, CAROLYN THERESA

DEURINGER '75, CATHERINE MARY DOWNES '74, DIANE SUSAN

SZYMKOWICZ '76, ROBIN LEE URNER '75, GEORGE ROLAND WATTS

III '75.

Physics: None awarded.

Samuel R. Feldman Award for Premedical Studies.

CRAIG LAWRENCE WESTON '74.

Mark Lederman Prize for Study of Medicine.

RONDA FAY LUCE '74.

Mark Lederman Scholarships in Biology.

KENNETH FERDINAND BELAND '76, ROBERT PATRICK WOOD '75.

William A. Rogers Prize in Physics.

GUY HAMILTON HAYES '75.

Alan Samuel Coit Biology Prize.

ELIZABETH BELSKY '74, RICHARD GARDELLA MILLER '74.

PHILOSOPHY *Stephen Coburn Pepper Prize in Philosophy.*

WILFORD HAROLD NEPTUNE '74, GORDON EDWARD WELCH, JR. '74.

PUBLIC SPEAKING *Coburn Speaking Prizes.*

1st Prize: REGINALD GLENN BLAXTON '74.

2nd Prize: GLORIA ROSHA PAYNE '76.

3rd Prize: CYNTHIA LYNN LANNING '77.

*Goodwin Public Speaking Prizes.**1st Prize:* AWETU SIMESSO '77.*2nd Prize:* SARA ANN EARON '74.*3rd Prize:* ROBERT STANLEY DUCHESNE, JR. '75.*Hamlin Speaking Prizes.**1st Prize:* AWETU SIMESSO '77.*2nd Prize:* JOSHUA ELIAS TEICHMAN '77.*Julius and Rachel Levine Speaking Prizes.**1st Prize:* SARA ANN EARON '74.*2nd Prize:* JOHN ASHMORE LUMBARD '76.*3rd Prize:* JACKSON ALAN PARKER '76.*Herbert Carlyle Libby Prize.*

Not awarded.

Murray Debating Prizes.

Not awarded.

SOCIOLOGY *Albion Woodbury Small Prizes.*

SEAN PATRICK BARRY '74, KARIN LITTERER '75.

ATHLETICS *J. Seelye Bixler Award in Track.*

PETER MACE PRIME '74.

James Brudno Award in Track.

EHRHARDT ALDO WHITNEY GROOTHOFF '76.

*Coaches Awards.**Basketball:* WILLIAM LOUIS CLAY '74, THOMAS STEPHEN SULLIVAN '74.*Football:* DONALD ALTON JOSEPH '74, ROBERT CHARLES THEBERGE '74.*Baseball:* None awarded.*David W. Dobson Memorial Skiing Award.*

THOMAS FORREST WHITTIER '77.

Peter Doran Award in Track.

EDMUND PETER DECKER '75.

Paul F. "Ginger" Fraser Award for a Nonletterman in Football.

WILLIAM HUTCHINSON CAMPBELL '76.

Free Throw Award in Basketball.

BRADFORD ARTHUR MOORE '75.

Robert LaFleur Memorial Basketball Award.

STEVEN PAUL COLELLA '74.

Gilbert F. "Mike" Loeb's Soccer Award.

BRUCE WILLIAM CARMICHAEL '74.

*Ellsworth W. Millett Award for Outstanding Contribution to Athletics
over Four Years.*

STEVEN PAUL COLELLA '74.

Ellsworth W. Millett Hockey Award.

MARK MATTHEW O'CONNELL '74.

Cy Perkins Track Award.

RONALD SCOT PARET '77.

Edward C. Roundy Memorial Baseball Award.

DAVID BAIN POLLARD '76.

Mike Ryan Track Award.

EDMUND PETER DECKER '75.

Theodore N. Shiro Basketball Award.

WILLIAM LOUIS CLAY '74.

Herbert E. Wadsworth Football Award.

PETER JOHN GORNIEWICZ '75.

Robert "Tink" Wagner Baseball Award.

CHARLES BERNARD MURRAY '76.

Norman E. Walker Hockey Award.

PAUL PATRICK PHILBIN '76.

Norman R. White Leadership and Sportsmanship Award.

DONALD ALTON JOSEPH '74.

Matthew Zweig Award.

STEVEN PAUL COLELLA '74.

Interviewers for Admission 1974-75

ARIZONA

Tempe 85283

Dr. Randall L. Holden, Jr. '65

Mrs. Randall L. Holden, Jr.

(Pamela Harris '66)

1121 East Watson Drive

CALIFORNIA

Eureka 95501

Mrs. Sara S. Johnson

(Sara M. Stewart '58)

2140 South Street

Fountain Valley 92708

Mr. Lloyd I. Cohen '59

18524 Cottonwood

Fremont 94536

Mrs. S. Baines Howard

(Sally L. Baines '53)

4882 Richmond Avenue

Lafayette 94549

Mr. John W. E. Vollmer '60

Mrs. John W. E. Vollmer

(Janice Turner '62)

1623 Silver Dell

Los Altos 94022

Mrs. Lawrence W. Carr

(Janice Rideout '60)

24285 Summerhill

Monterey 93940

Ms. Christi Pope '74

474½ Van Buren

San Francisco 94131

Mrs. Kenneth Lane

(Robert A. L. Murrell '70)

905 Burnett Avenue, #2

Santa Maria 93454

The Rev. Robert Peale '51

500 South Concepcion

Yorba Linda 92686

Mrs. Clifford Henrickson

(Bonnie Zimmermann '66)

6491 Fairlynne Boulevard

COLORADO

Denver

Mr. Ceylon L. Barclay '63

P.O. Box 5588 T.A. 80217

Mrs. George Clymer

(Janet Kimball '57)

508 High Street 80218

Miss Martha DeCou '66

2666 South Hooker Street 80219

Ms. Faye K. Kurnick '69

1744 Jasmine Street 80220

Golden 80401

Mr. Lawrence R. Pugh '50

6 Dekker Drive

Littleton 80122

Mr. Nathaniel Butler '63

Mrs. Nathaniel Butler

(Karen Moore '63)

6838 South Elizabeth Street

CONNECTICUT

Darien 06820

Mr. H. Neal Conolly '74

10 Holly Lane

Glastonbury 06033

Mr. Larry Bigelow '72

Mrs. Larry Bigelow

(Janet Perethian '72)

17 Stoney Brook Drive, Apt. #1

Lakeville 06039

Mr. Arthur White '52

Hotchkiss School

Manchester 06040

Miss Paula McNamara '66

40 Durkin Street

Middletown 06457

Ms. Susan F. Frazer '59

6 Bellevue Place

Monroe 06468

Mr. Karl E. Decker '54

Mrs. Karl E. Decker

(Merrilyn Healy '54)

R.F.D. #5, Elm Street

New Canaan 06840

Mr. Robert E. Nielson '59

28 Park Place

Southbury 06488

Mrs. James C. Hummel

(Jean Smith '59)

White Oak

Stamford

Mr. Karl B. Ostendorf '66

196 Ridge Park Avenue 06905

Mr. Jay H. Sandak '68

Greycliff Wallachs Drive 06902

Unionville 06085

Mrs. Gerard Haviland

(Regina Foley '61)

23 Red Coat Lane

West Hartford 06107

Mr. Norman P. Lee '58

6 Paxton Road

Mr. Robert Roth '51

Mrs. Robert Roth

(Helen Palen '51)

96 Van Buren Avenue

West Redding 06896

Mr. George M. Cain '66

R.F.D. #1

Willimantic 06226

Mr. Thomas Callaghan '23

201 Lewiston Avenue

(From November 15 to April 15:

5505 North Ocean Boulevard

Delray Beach, Florida 33444)

Windsor 06095

Mr. Thomas Cleaves '72

Mrs. Thomas Cleaves

(Rosemary Lung Mei Shu '69)

85 Farmstead Lane

DISTRICT OF COLUMBIA

Washington 20002

Mr. Reginald Blaxton '74

313 19th Street, N.E.

Mr. John L. Martin '63

1108 East Capital, N.E.

FLORIDA

Boca Raton 33432

Mr. William D. Hood '61

P.O. Box 974

Jacksonville

Dr. Carl E. Reed '35
7400 San Jose Boulevard 32217
Lt. Jeremy T. Schneider '68
4949 Perrine Drive 32210

GEORGIA

Clarkston 30021

Miss Betty Ciaffone '69
3819 K Brockett Trail

ILLINOIS

Charleston 61920

Mrs. William H. Ackerman
(Mary Michelmore '63)
1019 Coolidge Avenue

Chatham 62629

Dr. James P. Dolian '63
Mrs. James P. Dolian
(Joan Richards '65)
14 Quail Run Drive
Ivy Glen Estates

Chicago 60657

Ms. Jackie Olivet '74
Sheridan Surf, Rm. 402
425 Surf Street

Darien 60559

Mrs. Eugene Ryzewicz
(Carolyn R. Welch '68)

6728 Tennessee

Glen Ellyn 60137

Mr. Robert G. Hartman '60
23W224 Cambridge Court

INDIANA

Bloomington 47401

Ms. Julia McNagny '74
Burnham Apts., Apt. #11
808 Hunter Street

Indianapolis 46256

Mrs. Albert J. Robinson
(Marcia Peterson '60)
7221 Scarborough Boulevard
East Drive

Richmond 47374

Prof. Claude Stinneford '26
404 College Avenue

IOWA

Iowa City 52242

John Adams Oaks, PH.D. '64
Assistant Professor
Dept. of Anatomy, College of
Medicine
University of Iowa

KENTUCKY

Louisville 40222

Mr. William P. Clark '58
Mrs. William P. Clark
(Nancy J. Harmon '58)
1610 Clearview Drive

MAINE

Bangor 04401

Mr. Roderick Farnham '31
Mrs. Roderick Farnham
(Margaret Davis '28)
M.R.C. Box 17

Biddeford Pool 04006

Mr. Brian Shacter '66
Fourth Street

Camden 04843

Mrs. Kenneth E. Danielson
(Roberta Stockwell '67)
Molyneaux Road

Hallowell 04347

Mr. Larry Arber '30
8 Wilder Street

Houlton 04730

Mrs. Ralph Howard
(Eleanor B. Ross '37)

R.F.D. #2

Kittery 03904

Mr. Jeffrey L. Lawrence '72
Traip Academy

Millinocket 04462

Mrs. Roland L. Russell
(Patricia Farnham '62)
184 Highland Avenue

Scarboro 04074

Mr. Thomas Skolfield '59
Oak Hills

Winterport 04496

Mrs. Gordon Bowie
(Mary Stimson '65)
Box 93

MARYLAND

Chevy Chase 20015

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

Laurel 20811

Mrs. William G. Stoy, Jr.
(Judith Kenoyer '71)
9524 Muirkirk Road, Apt. 301

MASSACHUSETTS

Andover 01810

Mr. Leland Potter '67
Mrs. Leland Potter
(Linda Mitchell '66)
10 Torr Road

Arlington 02174

Mr. Matthew Powell '73
Mrs. Matthew Powell
(Sue McBratney '74)
19 Park Avenue Ext.

Bedford 01730

Mr. Benjamin R. Sears '52
31 Sweetwater Avenue

Beverly 01915

Mr. Gerald Wolper '58
6 Berrywood Lane

Boxborough 01719

Ms. S. Ann Earon '74
Danster House, Apt. #11
Swanson

Braintree 02184

Ms. Holly A. Belmosto '73
239 Pearl Street

Brockton 02401

Mr. Herbert Nagle '52
106 Crickett Road
Mr. Ronald J. Saad '65
75 Huntington Street

Brookline 02146

Mr. Leon T. Nelson '60
77 Pond Avenue, Apt. 1507

Cambridge 02139

Mr. John McGirr '67
74 Fayette Street

Canton 02021

Miss Alison Coady '65
25 Spring Lane

Concord 01742

Mr. Clifford A. Bean '51
10 Wood Street

Mr. Russell E. Cleary '72
Alcott Road

Ms. Susan Nutter '66
1729 Wedgewood Common

Danvers 01923

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

Dover 02030

Mr. Whitford S. Bond '63
120 Centre Street

Mr. William C. Foehl '59
Centre Street

East Dennis 02641

Ms. Kathy L. Castonguay '71
36 Highcrest Avenue

Edgartown 02539

Mrs. Stephen Gentle
(Mary Ballantyne '62)
Box 331

Falmouth 02540

Mr. George H. Lebherz, Jr. '52
328 Elm Road

Fitchburg 01420

Mr. Richard Fields '61
Renauld International, Ltd.
380 River Street

Framingham 01701

Mr. Stephen Wurzel '69
15 Rolling Lane

Great Barrington 01230

Mr. Robert E. Brolli '59

Mrs. Robert E. Brolli

(Marcia Eck '62)
R.F.D. #3, Alford

Haverhill 01832

Miss Edith Emery '37
59 Chandler Street

Hingham 02043

Mr. Russell MacPherson '70
99 Tower Road

Mr. Charles A. Pearce '49
957 Main Street

Mr. Henry F. G. Wey III '56

Mrs. Henry F. G. Wey III
(Marilyn Brooks '56)
4 Boulder Glen

Lexington 02173

Mr. Benjamin C. Potter, Jr. '64
Mrs. Benjamin C. Potter, Jr.

(Hannah Sewall '64)
42 Middle Street

Manchester 01944

Mr. David Bergquist '61
4 Harrington Way

Marblehead 01945

Mrs. Richard B. Canton
(Marilyn Perkins '58)
12 Gallison Avenue

Mr. David C. Thaxter '62
13 Sagamore Road

Marshfield 02050

Mr. Fred J. Wetzel '65
Meetinghouse Lane

Medway 02053

Mr. Peter Rinaldi '73
53 Main Street, Apt. 10B

Natick 01760

Mr. J. Cary Parsons '65
Mrs. J. Cary Parsons
(Janice Wood '65)

15 Greenleaf Road

Needham 02192

Mr. Charles R. Levin '67
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Newton Highlands 02161

Mr. Marvin S. Joslow '48
74 Elinor Road

Newtonville 02160

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Mrs. David Morse, Jr.

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(Robin C. Armitage '70)
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R.F.D. #4

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Mr. Jeffrey Werner '74
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Miss Cheryl Dubois '69
9 Tennyson Road

Sherborn 01770

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Mrs. Raymond J. Billington
(Priscilla Eaton '53)
217 Pratt Avenue

South Duxbury 02374
Mr. Richard G. Lucier '60
Chestnut Street

South Hamilton 01982
Ms. Karen Fellows '74
Linden Street

South Weymouth 02190
Mr. Michael McGlynn '72
1639 Main Street

Springfield 01105
Mr. U. Cleal Cowing '27
369 Tremont Street

Stockbridge 01262
Mr. Starbuck Smith III '65
Mrs. Starbuck Smith III
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Maple Street

Topsfield 01983
Mrs. Richard L. Hampton
(Eugenie Hahlbohm '55)
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Wayland 01778
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Mrs. Alton Lamont, Jr.
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223 Glezen Lane

Miss Judith Mosedale '68
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Wellesley 02181
Mr. John T. King II '54
8 Edgehill Road

Weymouth 02188
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c/o Keene Clinic

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Miss Pamela Taylor '62
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Basking Ridge 07920
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Belle Mead 08502
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Passaic 07055

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Miss Helen Strauss '45
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(Karen Jaffe '65)

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Miss Rosemarie Carbino '62

1317 Rutledge Street 53703

Mr. Bruce Davey '65

Mrs. Bruce Davey

(Margaret Chandler '64)

518 Virginia Terrace 53705

Mr. Thomas H. Hopgood '67

62 Craig Avenue 53705

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Mrs. Andrew M. Hayashi

(Sandra J. Holler '70)

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Surrey

Mr. Douglas A. Davidson '58

Mrs. Douglas A. Davidson

(Barbara Borchers '60)

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Mr. William L. Alford '72

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The Research Institute of the Gulf of Maine (TRIGOM)

Colby College is a charter member of The Research Institute of the Gulf of Maine. This is a nonprofit corporation established as a consortium to conduct research and to provide educational and informative services relative to oceanography. TRIGOM carries out projects that involve faculty members and students, as well as the physical facilities of institutional members.

Academic members of TRIGOM, apart from Colby College, are Bates and Bowdoin colleges, Cornell University, Maine Maritime Academy, Nasson College, Southern Maine Vocational Technical Institute, St. Francis College, and the University of Maine at Farmington, at Orono, and at Portland-Gorham.

In recent years a limited-enrollment summer course in applied marine ecology, carrying college credit, has been offered. Information is available from TRIGOM, Box 2320, South Portland, Maine 04106, or from Professor Miriam Bennett, Colby's academic representative to TRIGOM.

WCBB-TV

WCBB-TV, a public television station, is licensed to the Colby-Bates-Bowdoin Educational Telecasting Corporation, formed by the three colleges in 1961. Offices and studios are in Lewiston. At the time of its founding, WCBB-TV was the first educational television station in Maine, the third in New England, and the sixth in the nation.

Index

- Absence, 22, 44
 Absence from Examinations, 31, 33
 Academic Counseling, 2
 Academic Program, 19
 Academic Standing, 32
 Accreditation, 2, 5
 Activities, Student, 38
 Activities Fee, 12
 Administrative Science, 63, 88
 Administrative Science-Mathematics Major, 62
 Administrative Staff, 184
 Admission, 2, 6
 Deposit, 10, 11
 Foreign Students, 28
 Interviewers, 206
 Interviews, 7
 Procedure, 6
 Schedule, 7
 Tests, 7
 Adult Education
 (See Special Programs)
 Advanced Payments, 10, 11
 Advanced Standing, 8
 Adviser, Faculty, 19, 29
 Alcoholic Beverages,
 Regulations, 45
 American Studies, 74, 89
 American Studies Major, 74
 Ancient History, 89
 Annual Student Charges, 10
 Application for Admission, 6
 Application for Financial Aid, 18
 Applied Music Fee, 13, 143
 Arboretum, 49
 Area Requirements:
 Humanities, 21
 Natural Sciences, 21
 Social Sciences, 22
 Art, 58, 90
 Art Activities, 40
 Arts, Preparation for, 162
 Assistants and Secretaries, 185
 Astronomy, 93
 Athletic Facilities, 49
 Athletics, 82
 Attendance, 44
 Attendance Deposits, 10, 11
 Audiovisual Center, 42
 Auditing Courses, 30
 Augmented Credit, 87
 Automobiles, 46
 Awards, 189, 199

 Band, 40, 143
 Behavior, 45
 Bills (See Fees)
 Biology, 69, 93
 Bixler Scholars, 189, 197
 Black Studies, 76
 Blue Key, 189
 Board, 10, 11, 12, 14
 Buildings, Campus, 48
 Business, Preparation for, 164
 Business Administration
 (See Administrative Science)
 Business Matters, 2

 Calendar, College, 220
 Calendar of Payments, 10
 Campus, 48
 Career Counseling, 2, 162
 Cars (See Automobiles)
 CEEB Tests, 6, 7, 8, 20, 36
 Center for Coordinated Studies,
 2, 25, 76
 Changes of Course, 29
 Chapel, 38, 48
 Chemistry, 70, 97
 Chemistry Laboratory Fee, 13
 Class Standing, 32
 Classics, 59, 100
 Classics-English Major, 58
 Classics-Philosophy Major, 58
Colby, 2
 Colby College History, 51
Colby Echo, 43
 Colby Library Associates, 50
 Colby-Marston Preserve, 49
 Colby Music Associates, 40
 Colby Music Series, 40
 College Board Tests, 7
 Commencement, June 1974, 190
 Committees:
 College, 180
 Faculty, 182
 Trustee, 168
 Comparative Literature
 (See Literature in Translation)
 Computer Resources, 26
 Concentration of Studies, 22
 Concerts, 40
 Conduct (See Behavior)
 Coordinated Studies, 2, 25, 76
 Corporation, College, 167
 Courses:
 Auditing, 30
 Changes of, 29
 E, 33, 86
 Election of, 29
 Extra, 30
 Key to Numbering, 86
 Repeated, 33, 34
 Withdrawal from, 33
 Year, 32, 86
 Courses of Study, 86
 Credits, Transferred, 34

 Dana Scholars, 189, 197
 Dean's List, 189
 Debating, 42
 Degree Conferred, 5, 189
 Degree Requirements, 20
 Degrees, June 1974:
 Bachelor of Arts, 190
 Honorary, 194
 Master of Science in Teaching,
 194
 Dentistry, Preparation for, 162
 Departments, Divisions, 19, 57
 Deposits Required, 10, 11, 12, 14
 Developmental Reading, 36
 Developmental Reading Fee, 13
 Dietary Staff, 187
 Diets, Special, 13, 46
 Dishonesty, 32
 Dismissal, 43, 45
 Distinction in the Major, 189, 195
 Distribution Requirements, 20
 Division of Humanities, 19, 57, 58
 Division of Natural Sciences, 19,
 57, 68
 Division of Physical Education

- and Athletics, 19, 57, 82
 Division of Social Sciences, 19, 57, 62
 Division of Special Programs, 84
 Dormitories, 48
 Dormitory Damage Deposit, 10, 11, 12, 14
 Dramatics, 41
 Drugs, Regulations, 45
- E* Courses, 33, 86
 Early Admission, 8
 Early Decision, 6, 7, 18
 Earth Science Option,
 Geology Major, 71
 East Asian Studies, 77, 101
 East Asian Studies Major, 77
Echo, Colby, 43
 Economics, 63, 101
 Economics-Mathematics Major, 62
 Education, 64, 104
 Educational Television Station
 (See WCBB-TV)
 Edwin Arlington Robinson
 Memorial Room, 50
 Election of Courses, 29
 Emeriti, 170
 Employment, Student, 2, 16
 Endowment, 5
 Engineering, Preparation for, 163
 English, 59, 106
 English Composition and
 Literature Requirements, 20
 Enrollment, 5, 188
 Environmental Studies, 78, 113
 Environmental Studies Major, 78
 Examinations, 31, 220
 Exchange Programs, 28, 34
 Exemption by Examination, 22
 Exhibitions, 40
 Extension Courses
 (See Special Programs)
 Extra Courses, 30
 Extra Credit Hours Fee, 13
 Extracurricular Activities, 38
- Faculty, 5, 170
 Faculty Adviser, 19, 29
 Fees, 10
 Fellows of Colby College, 168
 Field Experience, 113
 Film Societies, 42
 Finances, 10
 Financial Aid, 2, 15
 Financial Aid, Foreign Students, 28
 Foreign Language Placement
 Tests, 7, 20, 36, 60
 Foreign Language
 Requirements, 20
 Foreign Languages, 60, 140
 Foreign Students, 21, 28
 Foreign Study, 27, 34
 Fraternities, 42
 Fraternity Fee, 13
 French, 60, 114
 Freshman Orientation, 36
 Freshman Program, 19
 Friends of Art, 41
- General Fee, 10, 12, 14
 General Information, 5
 General Regulations, 43
 Geographical Distribution of
 Students, 188
 Geology, 71, 116
 Geology-Biology Major, 68
 Geology-Chemistry Major, 68
 German, 61, 119
 Glee Club, 40, 143
 Government, 65, 121
 Government Service,
 Preparation for, 162
 Grades, 20, 30, 32
 Graduate Schools,
 Preparation for, 162
 Graduation Requirements, 20
 Greek, 125
- Health Certificate for
 Admission, 9
 Health Policy, 45
 Health Services, 2
 Health Services Fee, 12
- History, 65, 126
 History, Ancient, 89
 History of Colby College, 51
 Honors, 189, 194
 Hour Examinations, 32
 Housing, 2, 10, 11, 12, 46, 48
 Human Development, 80, 132
 Human Development,
 Studies in, Major, 80
 Humanities, 57, 58
- Incomplete Work, 33
 Independent Study, 24
 Infirmary, 13, 49
 Inquiries, 2
 Intercollegiate Athletics, 83
 Interdepartmental Majors, 23, 58, 62, 68
 Interdisciplinary Majors, 23, 73
 Interdisciplinary Studies, 73
 Interviewers for Admission, 206
 Interviews for Admission, 7
 Intramural Sports, 83
 Italian, 133
- James Augustine Healy
 Collection, 50
 January Program, 2, 20, 24, 220
 Japanese, 133
 Jobs, Student, 2, 16
 Junior Year Abroad, 27
- Language Placement, 7, 20, 36, 60
 Language Requirements, 20
 Late Registration, 29
 Latin, 134
 Law, Preparation for, 162
 Lectures, 38
 Library, 5, 50
 Liquor, Regulations, 45
 Literature in Translation, 136
 Loans, 17
- Maintenance Staff, 187
 Major, 22, 57
 Marks (See Grades)
 Marshals, 185
 Mathematics, 72, 137

- Mathematics Placement Test, 36
 Medical Staff, 187
 Medicine, Preparation for, 162
 Modern Foreign Languages, 60, 140
 Museum of Art, 40, 48
 Music, 61, 140
 Musical Activities, 39
- Natural Sciences, 57, 68
 Nonmatriculated Students, 8
- Off-Campus Programs, 28
 Officers of the College, 184
 Officers of the Corporation, 167
Oracle, 43
 Orchestra, 40, 143
 Organizations, Student, 43
 Orientation for Freshmen, 36
 Overpayments, 15
- Parents' Confidential Statement, 6, 15, 18
 Pass/Fail, 30
 Payment of Bills and Fees, 14, 29
 Perkins Arboretum, 49
 Phi Beta Kappa, 189, 197
 Philosophy, 66, 144
 Philosophy-Mathematics Major, 62
 Physical Education, 57, 82, 147
 Physical Education Requirements, 22, 83
 Physics, 73, 148
 Physics-Mathematics Major, 68
 Placement, 2, 162
 Placement in Foreign Languages, 36
 Placement in Mathematics, 36
 Point Scale in Major, 23
 Points, Quality, 20
 Points, Quantity, 20
 Portuguese, 150
 Presidents of Colby College, 53
 Prizes, College, 189, 199
 Professional Schools, Preparation for, 162
 Programs of Study, 19, 57
- Psychology, 67, 150
 Psychology Mathematics Major, 63
 Public Speaking, 42
- Quality Requirements, 20
 Quantity Requirements, 20
 Quizzes, 32
- Radio Colby, 42
 Reading Period, 24, 220
 Reading Tests, 36
 Readmission, 35
 Records, 2
 Refunds, 14, 15
 Registration, 29, 220
 Regulations, 43
 Religion, 66, 152
 Religious Activities, 38
 Repeated Courses, 33, 34
 Research Institute of the Gulf of Maine, The, 213
 Residence Requirements, 22
 Room Deposit, 10, 11
 Room Fee, 10, 11, 12
 Room Reservations, 12
 Russian, 154
- SAT Scores, 6, 7
 Scholarships, 2, 16
 Scholarships, Foreign Study, 27
 Scholastic Aptitude Tests, 6, 7
 Sciences, Preparation for, 162
 Secretaries and Assistants, 185
 Selected Topics, 155
 Self-Help, 16
 Semester Examinations, 31, 220
 Semester Statements, 10, 12, 13, 15
 Senior Scholars, 25, 189, 197
 Sickness and Accident Insurance, 13
 Ski Area, 49
 Social Rules, 43, 45
 Social Sciences, 57, 62
 Sociology, 67, 155
 Sororities, 42
 Spanish, 61, 159
- Special Programs, 2, 84
 Speech and Debate, 42
 Staff, Administrative, 184
 Standing, Academic, 32
 Standing, Advanced, 8
 Student Association, 43, 45
 Student Exchange, 28, 34
Student Handbook, 43
 Student Organizations, 43
 Summer Programs (See Special Programs)
 Summer School Credits, 34
 Suspension, 14
- Teaching, Preparation for, 163
 Telephone Fee, 13
 Theology, Preparation for, 163
 Three-Two Program, 163
 Traffic Regulations, 46
 Transcripts, 2, 14
 Transfer Students Requirements, 8, 21, 34
 Transferred Credits, 34
 Travel Assistance, 16
 TRIGOM, 213
 Trustees, 167
 Tuition, 10, 11, 13, 14, 29
- Vacations, 220
 Veterans, 8
- Walcker Organ, 48
 Warnings, 32
 WCBB-TV, 214
 Western Civilization, 80, 161
 Western Civilization, Studies in, Major, 81
 Withdrawal from College, 14, 34
 Withdrawal from Course, 33
 WMHB-FM, 42
 Work-Study Program, 17
- Year Courses, 32, 86

College Calendar 1975-76

FIRST SEMESTER

Thursday, September 11	Freshman program begins
Sunday, September 14	Upperclass registration
Monday, September 15	First classes
Saturday-Sunday, September 27-28	Homecoming Weekend
Saturday-Sunday, October 11-12	Upperclass Parents Weekend
Monday, October 27	Midsemester break (no classes)
Saturday-Sunday, November 1-2	Freshmen Parents Weekend
Wednesday, November 26, at the conclusion of the 11:30 class period to	Thanksgiving recess
Monday, December 1, 8:00 a.m.	
Thursday, December 11	Last classes of the first semester
Saturday, December 13 <i>through</i>	Examinations
Friday, December 19	
Saturday, December 20	Make-up examinations
Sunday, December 21	Christmas recess begins
Monday, January 12 <i>through</i>	January Program
Friday, February 6	

SECOND SEMESTER

Tuesday, February 10	Registration
Wednesday, February 11	First classes
Friday, March 26, 5:30 p.m. to	Spring recess
Monday, April 5, 8:00 a.m.	
Monday, May 3 <i>through</i>	Spring registration
Friday, May 7	
Monday, May 3 <i>through</i>	Reading period for 300 and 400 courses
Friday, May 14	
Friday, May 14	Last classes of the second semester
Tuesday, May 18 <i>through</i>	Examinations
Monday, May 24	
Tuesday, May 25	Make-up examinations
Sunday, May 29	Commencement

The college reserves the right in its sole judgment to make changes of any nature in its program, calendar, or academic schedule whenever it is deemed necessary or desirable, including changes in course content, the rescheduling of classes with or without extending the usual academic term, cancellation of scheduled classes and other academic activities, and requiring or affording alternatives for scheduled classes or other academic activities, in any such case giving such notice thereof as is reasonably practicable under the circumstances.

1975

1976

1977

S M T W T F S

JULY

1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31

AUGUST

1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31

SEPTEMBER

1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30

OCTOBER

1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

NOVEMBER

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2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
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DECEMBER

1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
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S M T W T F S

JANUARY

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FEBRUARY

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MARCH

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APRIL

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MAY

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JUNE

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S M T W T F S

JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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21 22 23 24 25 26 27
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DECEMBER

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JANUARY

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FEBRUARY

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MARCH

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27 28 29 30 31

APRIL

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MAY

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22 23 24 25 26 27 28
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JUNE

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