1953

Colby College Catalogue 1953 - 1954

Colby College

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This issue of The Colby College Bulletin has been published for the purpose of setting forth information relating to formal requirements and regulations, the curriculum and personnel.

For general and descriptive information about the purpose and history of the college, extra-curricular life, and similar matters including photographs, the reader is referred to the illustrated booklet "About Colby" and to the Colby Gray Book.
The Sloop Hero, in which Jeremiah Chaplin sailed from Boston in 1818 to become Colby’s first president.

A LIBERAL ARTS COLLEGE
LIBRARY
COLLEGE PLANT
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General Information

Corporate Name: The President and Trustees of Colby College.

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

Independent College of Liberal Arts for Men and Women (women first admitted, 1871); non-sectarian, founded under Baptist auspices.

Degree Conferred: Bachelor of Arts. No other degrees in course and no graduate courses.

Enrollment: 600 men, 450 women. Faculty: 80.

Endowment: $4,600,000. Library: 153,000 volumes.

Member of Association of American Colleges, New England Association of Colleges and Secondary Schools, College Entrance Examination Board. Approved by Association of American Medical Schools, American Association of University Women, Phi Beta Kappa Society.

A LIBERAL ARTS COLLEGE

Colby is avowedly an undergraduate college of liberal arts. It confers only the Bachelor of Arts degree, has no graduate courses and no professional schools. Colby is dedicated to the aims of unrestricted inquiry and to the task of seeking the truth wherever it may be found. Because life is more important than a living, the Colby student is subjected to the broad fields of knowledge and inquiry which affect not only his vocational career, but also all phases of his life.

Colby does not, however, ignore the career motive which prompts so many students to attend college. The truth, as sought in the liberal arts, cannot be detached from what men call "practical" and "useful". It is not enough for a college to turn out graduates who know something well; they must also be able to do something well. Hence, within the framework of a liberal arts curriculum, the student may prepare for business, for teaching, for study of medicine, dentistry, law, or engineering, but he may not narrowly so prepare. Every candidate for the Colby degree must meet the same broad requirements, demanding that he shall have taken courses in literature, foreign language, science, and the social sciences. Only in his field of concentration is he given direct opportunity to prepare for intended life work. Even here he finds the study general and basic, and not confined to detailed vocational topics.

DIVISIONS OF INSTRUCTION

For purposes of administration, the subjects in the Colby curriculum are divided into five divisions: Languages, Literature and Fine Arts; Social Science; Science; Air Science; Health and Physical Education. All male students are required to do some work in each of the five divisions; women students must distribute their courses among all the divisions except Air Science.
Within each division are several allied departments. In the first are the departments of Classics, English, Fine Arts and Music, and Modern Foreign Languages. In the second are Business Administration, Economics and Sociology, Education and Psychology, History and Government, Philosophy and Religion. In the science division are Biology, Chemistry, Geology, Mathematics and Physics. The division of Health and Physical Education not only offers courses in that field, but also administers the program of intra-mural sports for both men and women, as well as the intercollegiate athletic program for men. The division of Air science gives instruction in courses provided by the AFROTC.

**METHODS OF INSTRUCTION**

The recitation method, so long used in American college classrooms is no longer the predominant means of instruction. Nor does its successor, the lecture method, in which the student is a passive listener, prevail. Recitations and lectures are still used, but always accompanied by newer methods.

In large courses at Colby, especially in the social sciences, the entire class frequently meets once or twice a week for lectures, then is broken up into small groups for weekly or more frequent sessions. These group meetings are not recitations, but are free discussions of points raised by lectures or reading. In the sciences, lectures are supplemented not only by laboratory experiments in small sections, but also by weekly discussion sections. In the foreign languages, the classes (though never more than thirty in size) are still further broken into smaller weekly sections for oral instruction. In the classes in speech, in literature and in foreign languages much use is made of phonograph records, tape recorders, and other modern devices. In all departments use is made of slides, motion pictures, and other visual aids. A feature of several departments is the senior seminar.
THE STUDENT'S PROGRAM

In each of the four years of his Colby courses the student takes five subjects to which is added physical education in the first two years. In order to assure distribution among the several divisions mentioned above, every freshman must take English composition, a foreign language (unless covered by exemption examination), mathematics or one of the four sciences offered, a social science, and physical education. For the fifth academic subject men must take ROTC; women have an elective.

In sophomore year the requirements are a course in literature, one in foreign language unless that requirement has been previously met, a second science or mathematics, a second social science, and ROTC or an elective. Either one of the required subjects or the elective must be in the field which, at the end of freshman year, the student has selected for concentration or major.

In both junior and senior years, three of a student's five courses are expected to be in his major or in closely related fields.

As a freshman each student is assigned to an individual adviser for his first year. At the end of that year, some member of the staff in the student's major field becomes his adviser for the remainder of his college course.

SUPPLEMENTING THE CURRICULUM

Education at Colby is not limited to the classroom. Visiting lecturers and artists come frequently to the campus. The Averill Lecture series is unique in that it brings noted scholars not merely for one lecture, but for a visit of two or three days, during which they hold informal meetings with faculty and students interested in his field. The Gabrielson Lectures are given weekly during the second semester by persons prominent in public life, and are closely correlated with a course in government. Other lecturers and
artists come under the auspices of the International Relations Club, the department of Fine Arts and Music, and the department of Business Administration.

Musical life at Colby is enriched by the Colby-Community Symphony Orchestra and by the Chorus, choirs, and smaller singing groups. The Colby Eight, a double quartet of male singers, and the Colbyettes, a group of female singers, have won wide renown. The Walcker Organ, gift of Dr. Matthew Mellon, is not only played regularly by the college organist, but also gives opportunity for recitals by organists of national and international repute. The Department of Music has a large collection of records to which students are welcome to listen at any time.

Religion has always played a prominent and wholesome part in Colby life. Though founded by the Baptists, Colby has never been narrowly sectarian. The original charter forbade that any applicant should be refused admission because of his religious belief. Today Colby is not controlled by any religious denomination, but is completely independent.

By every means consistent with this belief in religious freedom, Colby seeks to develop the religious character of each student. Attendance at services is not required; rather those services are made so attractive that many students attend them. In the Lorimer Chapel, either the chaplain or a visiting preacher conducts a weekly Sunday morning service, at which attendance frequently exceeds four hundred. Four times a week, a brief devotional service is held at noon, led by the chaplain, a faculty member, or a student.

The interfaith Association and the various denominational groups which comprise it offer many opportunities for participation in religious activities. A notable event of the year is Religious Emphasis Week, when the association brings to the campus prominent religious leaders, who take
up residence in the student houses, and conduct informal discussions.

The vitality of religious life at Colby is shown by the fact that every year several graduating seniors enter theological school. The missionary tablet on a wall of the Rose Memorial Chapel testifies to the interest of Colby men and women in foreign missions for more than a hundred years.

Many activities in which students and faculty both participate enrich the campus life. Dramatics, debating, campus publications, student government bodies, and many departmental clubs offer opportunity for varied interests. Because of unusual facilities for winter sports and outdoor recreation besides organized athletics, an organization of special prominence is the Colby Outing Club.

The athletic program includes intercollegiate contests in football, basketball, baseball, track, hockey, tennis, golf, and winter sports. For both men and women there is a complete and varied program of intra-mural sports.

GUIDANCE

The guidance program for men students is directed by the Dean of Men, for women students by the Dean of Women. Upon arrival at the college, each student is assigned to one of a selected corps of freshman advisers, who helps the student select his academic program and make needed adjustments to college life. The adviser holds frequent conferences with the student throughout the freshman year, and is available at all times to help the student meet problems as they arise.

A special feature of the Colby program is the Orientation Week for freshmen at the beginning of their college career.

When the student selects his field of concentration, his adviser for the remainder of his college enrollment is a member of the department in which the concentration or major is taken. In the case of a pre-professional or a com-
bined major, the adviser is the faculty member who heads the specified program.

A valuable member of the guidance staff is the College Chaplain, who is available for the same sort of advice for which the student would go to his own home pastor. The dormitory counselors for men and the head residents for women also act as guidance workers.

Under the Committee on Standing, sub-committees counsel with students who are in academic difficulty.

Employment placement for graduating seniors is handled by a committee under the direction of the alumni secretary. This committee informs students about employment opportunities, arranges for interviews, and keeps a personnel file on each student. An annual Career Conference focuses attention on various vocations.

Information concerning graduate work both in the professions and the arts and sciences is available at the office of the Dean of the Faculty, under whose direction the various tests demanded for admission to graduate and professional schools are conducted.

**THE LIBRARY**

Because the liberal arts college must be a reading college, the library is the focus of the academic program. At Colby the library building, the Miller Library, is literally at the focal point of the campus. Here are spacious reading rooms, private study carrels, and six tiers of stacks, housing more than 153,000 books and manuscripts, all in charge of a competent and highly trained staff.

The library does not merely supply the materials for reference, required reading, and research papers. It also compiles bibliographies, prepares exhibits, publishes a quarterly journal, and stimulates interest in reading. It receives regularly more than 300 periodicals, including many from foreign countries; it is a depository for publications of the
U. S. Government; and it is one of a few libraries in the nation designated as a depository for the Army Map Service.

The Colby Library has achieved international distinction through its special collections. These are housed in the Edwin Arlington Robinson Treasure Room, so named because the Library has been made the custodian of the books, manuscripts, and personal papers of that American poet. Here also is the world’s most comprehensive collection of works by and about Thomas Hardy. Other noteworthy collections concern Sarah Orne Jewett, Jacob Abbott, Henry and William James, A. E. Housman, Mathew and Henry Carey, Elijah Parish Lovejoy, James Brendan Connolly, and the local community. The book Arts Collection contains examples from famous book designers and printers in many parts of the world.

The Colby Library Associates is an organization of alumni and friends who have particular interest in the library. Membership dues are devoted to the purchase of books and other materials outside the scope of the Library’s regular budget. The organization holds regular meetings with programs devoted to topics of interest to book lovers, and it awards annually the Library Associates Book Prize.

COLLEGE PLANT

In 1952, Colby College completed its move from a hundred-year-old campus in downtown Waterville to its new 600-acre site two miles west of the city. Here are housing and dining facilities for all resident students, library, chapel, classrooms, laboratories, student unions, gymnasium, and playing fields. In addition to the present buildings, a large classroom building for languages, literature, and social sciences will soon be erected; and still other buildings are contemplated.
The housing units include four dormitories for women and four for men, as well as six fraternity houses. The Roberts Union supplies a variety of meeting and recreational facilities, offices for student organizations, dining service for men, and in one wing houses the College Infirmary. The Women’s Union affords facilities for women’s physical education, for dramatics, for meetings and recreation, and has rooms especially set aside for the several sororities. Each union is in charge of a resident director. Dining service for women is in the women’s dormitories.

The Miller Library at present contains the college offices and several classrooms, but will eventually be devoted entirely to library and seminar purposes.

The Lorimer Chapel is the center of religious life.

The Keyes Science Building accommodates the departments of Chemistry, Physics, Education and Psychology, and AFROTC.

The Life Science Building houses the departments of Biology and Geology.

The Gymnasium-Field House has a seating capacity of 2400. The main structure is surrounded by an extension containing offices, lockers, and shower rooms.

Athletic Areas include two football fields, two baseball diamonds, 14 tennis courts, areas for field hockey and archery, spacious playing fields for informal games, and a fully developed ski slope with modern tow.

The President’s Home is fittingly situated as the first building which the visitor encounters as he approaches the campus from the city.

The twenty-four buildings included in the above description bear the following names.

Women’s Dormitories: Mary Low Hall, Louise Coburn Hall, Foss Hall, Woodman Hall.
Men's Dormitories: West Hall (in three separate sections called Chaplin, Pepper, and Robbins); East Hall (in three sections called Butler, Champlin, and Small); Averill Hall, and Johnson Hall.

Fraternity Houses: Delta Kappa Epsilon, Zeta Psi, Delta Upsilon, Phi Delta Theta, Alpha Tau Omega, Tau Delta Phi.

Other buildings, as designated in the description, are Roberts Union, Women’s Union, Women’s Gymnasium, Miller Library, Lorimer Chapel, Keyes Science Building, Life Science Building, Gymnasium-Field House, President’s Home, and Superintendent’s House.

ADMISSION

The Director of Admissions is responsible for the processing of all applications for entrance into Colby College, both from men and from women. All communications about admission should be directed to him.

Acceptance of candidates for admission is determined by a selective process during which character, health and personality are considered in conjunction with academic records. Interviews with a college official or representative graduate are required whenever it is possible to arrange them. The College reserves the right to select for admission those candidates who appear most likely to profit by attendance.

Admission requirements are both quantitative and qualitative, and have been determined for the purpose of evaluating applicants’ preparatory schooling.

QUANTITY

Fifteen units (in which four years of high school English count for only three units) are required:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
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<tbody>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2</td>
</tr>
<tr>
<td>Algebra</td>
<td>1</td>
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<tr>
<td>Geometry</td>
<td>1</td>
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<td>History or Social Studies</td>
<td>1</td>
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<tr>
<td>Science</td>
<td>1</td>
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<tr>
<td>Elective</td>
<td>6</td>
</tr>
</tbody>
</table>
QUALITY

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

COLLEGE BOARD TESTS

All applicants are required to take the Scholastic Aptitude Test. In individual cases the Director may require one or more of the subject-matter examinations, called achievement tests.

The College Board Tests are given five times a year at designated centers in each state. No applicant, in whatever part of the country he may live, need travel far to take the tests. At each testing period all tests are given on a single day. The morning is devoted to the Scholastic Aptitude Test in two sections, verbal and mathematical. That is the test which Colby requires of all candidates for admission.

In the afternoon the candidate may take one, two, or three achievement tests, each one hour in length. The Board offers achievement tests in the following subjects: English Composition, Social Studies, French Reading, German Reading, Latin Reading, Spanish Reading, Biology, Chemistry, Physics, Intermediate Mathematics, Advanced Mathematics, and Spatial Relations.

Examination dates from May, 1953 to August, 1954 are as follows:

Saturday, May 16, 1953
Wednesday, August 12, 1953

Saturday, December 5, 1953
Saturday, January 9, 1954
Saturday, March 13, 1954
Saturday, May 22, 1954
Wednesday, August 11, 1954
ARRANGEMENTS FOR THE TESTS
Either from his preparatory school or from the College Entrance Examination Board, Box 592, Princeton, N. J., the applicant secures a form on which to make application for whatever examinations the Director of Admissions at Colby College has told him he must take. The application is sent directly to the Board, not to the College, and must be accompanied by the required fee. The Board publishes a detailed Bulletin of Information, which is sent to all applicants for examinations.

Most of the larger, and some of the smaller secondary schools, maintain excellent guidance service, ready to assist students in making application for the College Board tests. In some schools the applications are collected and sent to the Board by a guidance officer. In any event, it is well for the student to consult his principal or guidance officer before submitting his formal application for Board tests.

WHEN TO TAKE THE TESTS
An applicant should take the Scholastic Aptitude Test not later than March of the senior year in secondary school, and Colby College approves the increasing tendency in large high schools and boarding schools to have their college preparatory students take the test in May of junior year as a trial. Students who defer the test until May of senior year can be accepted only if the entering class has not been filled or if vacancies occur later.

ADMISSION PROCEDURE
1. Write to the Director of Admissions for an application form.
2. Fill out the form carefully and return it according to instructions. No payment is required with the application.
3. Await a letter of further instructions from the Director. If that letter instructs you to take any of the achievement tests, in addition to the Scholastic Aptitude test,
you must arrange to take them, as stated in the foregoing section on College Board Tests

4. As soon as selection can be made, the Director will send you a letter of preliminary acceptance or of rejection. "Preliminary acceptance" means simply that you must complete your final year in secondary school with at least as good a record as you have maintained up to the time of your application. Final acceptance will be sent you after that satisfactory record is received.

5. If accepted, you must make the required deposit of $25. No admission acceptance is validated until that deposit is received. It is not an extra charge, but is merely an advance payment on college expenses. It is not refundable.

6. Read carefully all notices which you receive from various college offices between the time of your validated acceptance and your actual matriculation in September. These notices will cover such matters as board, room, details of registration, selection of freshman courses, health insurance, equipment, and finances.

BY TRANSFER

Admission by transfer from other colleges, including junior colleges, is limited to a few carefully selected students. A student wishing to transfer to Colby from another college should request and file a formal application for admission. After this application has been received, the student will be instructed to proceed as follows:

1. Make arrangements to take the College Transfer Test, given by the College Entrance Examination Board at centers throughout the nation on the same dates as the Board's regular admission tests.

2. Request the Registrar of his present or previously attended college to send an official transcript of his academic record at that college.
3. Request the Dean of that college to write a letter of personal recommendation.

4. Send to the Director of Admissions at Colby College a catalog of the college which he attended or is attending with the courses taken or in progress clearly marked. Transfer students cannot be accepted for less than two years of residence at Colby.

GRADUATION REQUIREMENTS

The degree of Bachelor of Arts is the only degree-in-course conferred at Colby College. To qualify for this degree a candidate must meet certain specifications in quantity, quality, distribution and concentration.

QUANTITY

Twenty year-courses, or their equivalent in semester courses, regardless of the number of credit hours in excess of three for each semester course.

Two years of Physical Education.

QUALITY

A total of 26 quality points. For each half-course (or semester course) a mark of A entitles the student to three quality points, a mark of B to two quality points, and a mark of C to one quality point. No quality points are given for marks of D, E, or F.

DISTRIBUTION

1. English Composition (English 101, 102) in the freshman year.

   Any student whose average in English 101, 102 is passing, but below 70, and whose low mark, in the opinion of the instructor is caused by deficiency in English usage, is required to take a course in corrective English Composition (English 205, 206) and must pass this course as a requirement for graduation.

2. Literature (English 201, 202) in sophomore year.

3. One year-course, or two sequence semester courses, in each of two of the following: Biology, Chemistry, Geology (not including Geography), Mathematics, Physics.
4. Three year-courses, or equivalent in sequence semester courses, selected from three different subjects in the Division of Social Sciences, provided that not more than one of the following courses may be counted toward this requirement: Air Science 121, 122; Business Administration 121, 122; History 121, 122; Religion 101, 102; Social Science 101, 102; or any other course in the Division of Social Sciences which is open to freshmen. Short-hand and Typewriting may not be included in the Social Science requirement.

5. A basic knowledge of one of the foreign languages taught at Colby. This requirement may be met in one of the two following ways:

   (a) Passing an achievement examination designed to test the student's ability to read the foreign language proficiently.

   (b) Successful completion of any year-course numbered above 101, 102 in a foreign language taken at Colby College.

6. For men students only: two years of Basic AFROTC (Air Science 121, 122; 221, 222).

   All candidates for the degree are required to have been resident students at Colby College for at least two years, one of which must have included the senior year.

CONCENTRATION

Near the end of the freshman year each student must elect a major, the field of study to which he wishes to devote his chief attention during subsequent college years. The major may be chosen in a single subject, such as English, Chemistry, History, or in one of a few designated combinations.

The respective academic departments specify those courses constituting a major in the department. Prior to selecting a major each student should acquaint himself thor-
oughly with the requirements of the proposed field. These requirements are stated immediately preceding the description of courses offered in each department.

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

Each student is required to maintain a cumulative average of at least C in his major. Any student whose cumulative average in courses completed toward the major falls below C at the end of sophomore year or at the end of junior year is not permitted to continue with that major. Such a student may change to another major, provided, however, that at the end of junior year a student can be accepted into a new major only if he has completed, with an average not lower than C, at least the equivalent of two year-courses which may be applied toward fulfillment of the new major. If, at the end of junior year, a student finds no department in which he can be accepted as a major, he cannot continue in college. If the work of senior year results in the cumulative average in courses completed toward the major falling below C, the major requirement shall be considered as not fulfilled and the degree shall be withheld.

Each department designates those courses to which the “C” rule applies for a major in that department.

In order to offer a subject major, a department is obligated by faculty regulation to require at least four year-courses or their equivalent in semester courses in a single subject.

**COMBINED MAJORS**

At present the only combined majors are those in American Civilization and in History-Government-Economics.
In order to offer a combined major, permitting a student to divide his concentration between two subjects, or among more than two subjects, a department must have each proposed combination approved by vote of the faculty. The following general regulations must be complied with:

1. A combined major in two subjects shall consist of a minimum of three year-courses or their equivalent in semester courses in each of the two subjects.

2. A combined major in three subjects shall consist of a minimum of three year-courses or their equivalent in semester courses in each of two of the subjects, and two year-courses or their equivalent in semester courses in the third subject.

3. A combined major in more than three subjects, built around an approved central theme, shall consist of a minimum of eight year-courses or their equivalent in semester courses, at least three of them being in one subject.

REGULATIONS

The rules respecting student residence, organizations, social activities and intercollegiate athletics are published in the Colby Gray Book and Women’s Handbook. All students are held responsible for knowledge of those regulations as well as for those which are published in the following paragraphs and in other sections of the catalog.

The Administration of the College is concerned fully as much with the social habits and character of the students as with academic standing. Students who are persistently negligent in their academic and social obligations, or who consistently violate regulations of the college or community, may be required to terminate their attendance. The College reserves the right to dismiss any student whose presence its officers believe to be detrimental to the general welfare, and such dismissal may be effected without the preferment of specific charges.
Possession or use of alcoholic beverages in any college building is not permitted.

REGISTRATION

Students must register on assigned days at the beginning of each academic year, and at any other time of original entrance.

Registration consists of preparing and filing with the Recorder certain records in accordance with specific instructions issued at each registration period. For registration later than the date specified for a particular student for any registration period a fine of one dollar for each day of delay is charged on the student’s semester bill, provided, however, that the maximum fine shall not exceed five dollars.

Normally no student will be permitted to register later than the tenth day after the first day of classes. The Recorder may permit registration later than the tenth day only if the Dean of Men or the Dean of Women certifies in writing that exceptional circumstances justify such registration.

Preceding registration for any year a student must secure from the Treasurer’s office a receipt for the required tuition fee and any other required advanced payments, and to gain permission to register he must present that receipt at the Recorder’s office.

The Treasurer is not authorized to permit deferred payment of any fees concerning which the Board of Trustees requires advanced payment before registration. It is important that students shall understand the distinction between payment of fees and registration. These are two distinct procedures administered by two different offices of the College. Each student must complete the financial procedures preliminary to registration, as laid down by the Treasurer, before he can perform the act of registration at the Recorder’s office.
ELECTION OF COURSES

In the spring of each year all students except seniors elect tentatively, with approval of advisers, programs of study for the ensuing year. These elections with approved revisions are confirmed during the two registration periods of the following year. A student's academic program must bear his adviser's approval and be properly filed with the Recorder, since credit will be suspended for work in a course for which a student is not correctly registered. A continuing student registering in the fall without election in the previous spring is fined $2.00 for failure to make spring election.

With the approval of the adviser, voluntary changes in a student's program may be made during the first eleven calendar days of a semester, the first day of classes being considered the first day of the semester, and a fee of $1.00 is charged on the semester bill for each such voluntary change. After the eleventh day no students will be permitted voluntarily to change from one course or section to another, but during a semester a student may drop a course and receive a mark of "Dr." provided both his adviser and dean consent. If the adviser and dean agree that a course may be dropped, but that it must be considered as having been taken and failed, the mark shall be "F." If a course is dropped without permission the student shall, in addition to receiving an "F" in the course, be placed on probation. A course dropped after receipt of a major mid-semester warning shall necessitate a mark of "F" instead of "Dr" for that course; likewise a course dropped within thirty calendar days before last class.

With the consent of his adviser a student may elect one, but only one course in excess of the usual five courses, provided his over-all average in all courses taken in the previous semester is at least 70. Under no circumstances is a student permitted to pursue more than six courses in any one semester.
If, on the insistence of his adviser or of the department concerned, a student repeats, as an extra course, any course which he has already passed, he shall not be charged an extra course fee; but such a student shall not be permitted to carry such a course in addition to six courses.

A student who has failed a year-course may not secure credit for it by repeating merely the second semester of the course, even if his tentative mark at the end of the first semester was passing. He must repeat the entire year if he is to get credit for that particular course. By definition a year-course is one which has no finally recorded mark until the end of the year and no credit until the final mark is recorded. The tentative mark, showing the student's progress in a year-course at the end of the first semester, is not a permanent record and carries no credit toward graduation.

For year-courses a mark of "E" is never used. If the tentative mark at the end of the first semester in a year-course is below 60, the reported mark is "F".

WITHDRAWAL

Voluntary withdrawal from the College may be effected officially only by filing with the Recorder a "Notice of Withdrawal," a form which may be obtained from the office of one of the deans. No refund will be paid by the Treasurer until he has received from the Recorder the formal "Notice of Withdrawal" and in computing refund the date on the official withdrawal notice shall be considered the date of withdrawal. A student who withdraws from college and neglects to effect official withdrawal until later cannot collect refund for the elapsed interval.

SPECIAL STUDENTS

Subject to limitation of enrollment in individual courses and the consent of the instructors thereof, the College permits adult persons to enroll as special students to take not more than three courses. Such persons must present evi-
dence that they are qualified to pursue the intended courses, and they must pay the regular per-course tuition fee. They are not required to pay the Student Activities Fee.

AUDITING COURSES

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

Adults who are not students of the College are permitted to audit courses at a fee of $5.00 each semester for each audited course, provided they obtain the consent of the instructor and of the Dean of the Faculty. Members of the college staff and their families may audit courses without charge.

Permission to audit courses will usually be withheld if the class is already too large and if auditing applications for it are numerous.

An auditor is not permitted to participate in class discussion, submit papers, or perform any other function for which course credit is usually given.

When entering the course the person must decide whether he is to be an auditor or is to take the course for credit. Under no circumstances can academic credit be given to an auditor, nor can he later convert an audited course into an accredited course merely by paying the regular course fee.

ACADEMIC STANDING

A student’s class standing is determined by the number of half-courses (or semester courses) he has passed. Freshman standing, from none to eight half-courses; sophomore, from nine to eighteen; junior, from nineteen to twenty-eight; senior more than twenty-eight.

At the end of the first half of each semester the faculty issues, through the Recorder’s office, mid-semester warnings. A major warning means that a student’s standing at
that time is below passing; a minor warning that, while passing, it is so low as to indicate that final failure of the course is possible.

At the end of each semester the faculty issues, through the Recorder's office, course marks. These marks are reported to students in letters according to the following scale:

A—90 to 100  B—80 to 89  C—70 to 79  D—60 to 69  E—50 to 59 (for first semester of designated "E" courses.)  F—Failure.

There is no fixed method of computing the final mark in a course; the final examination must, however, count not more than half in the total computation.

The first semester mark in a course designated as a year-course is only a tentative mark. For designated year-courses no credit is given until completion of the full year's work, and there is only one final mark for the entire year.

A mark of "F" means that a course has been failed and that the credit hours thus lost must be made up by an additional course in some subsequent term. If the failed course is specifically required for the degree, it must be repeated.

A mark of "E" does not apply to all courses, but only to the first semester of courses specifically designated by the department as "E" courses. The mark means that the student's numerical mark in the course is below 60 but not lower than 50. It signifies temporary failure, which may be made up by improved work in the second semester. In the case of semester course designated as an "E" course by a department, the passing of the second semester entitles the student to have the first semester "E" changed to 60, but not higher.

A mark of "Abs." indicates that a student has been absent from final examination. Such mark must be made up as soon as possible after the beginning of the following term, and before the close of such term. After the expiration of one term a mark of "Abs." is changed to "F."
A mark of "Cr." indicates that a student has been awarded credit but no specific mark for a course.

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

A mark of "Inc." indicates that a course has not been finished for some other reason than failure to take the final examination when scheduled. For the latter the mark of "Abs." is used, as explained above. The uncompleted work must be made up within limits prescribed by the instructor; otherwise the mark will be changed to "F." In any event, after the expiration of one term, any remaining mark of "Inc." will be changed to "F."

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

Whenever a student's academic record shows serious deficiency, the question of a student's retention or dismissal is decided by the Committee on Standing, in which the faculty has vested complete power to deal with such cases.

HONORS

The degree of Bachelor of Arts with Distinction is awarded in three grades; cum laude to those who attain an average mark between 88 and 92 per cent throughout their college course; magna cum laude to those whose average mark is between 92 and 95; and summa cum laude to those whose average mark is 95 or above.

In American colleges it is generally considered that the highest honor an undergraduate can receive is election to Phi Beta Kappa. This nationally famous society, founded in 1776, restricts its chapters to leading colleges and universities, and it maintains very high scholastic standards. The Beta Chapter of Maine was organized in 1895. Election to membership is based upon academic record at the end of seven semesters and on recommendations then made by instructors.
A student who has not obtained a cum laude grade but who has done work of marked distinction in one department may, upon recommendation of that department and by vote of the faculty, be mentioned on the Commencement Program for honors in that particular subject.

An important annual event of the late spring is Recognition Assembly, when a general assembly with a prominent guest speaker is held for the purpose of recognizing those students who, during the year, have earned honors. Among those recognized are the following: newly elected members of Phi Beta Kappa; winners of College Prizes; recipient of the Condon Medal; newly elected members of Blue Key and Cap and Gown, the honor societies for Senior men and Senior women respectively; recipients of certificates from Phi Beta Kappa, awarded to members of the three lower classes for distinction in scholarship.

**PARTIAL CREDITS**

The faculty has voted that students called into military service before the end of a semester shall receive partial credit as follows:

1. Withdrawal before the end of the fifth week of the semester, no credit.

2. Withdrawal between the end of the fifth week and the official date of mid-semester, credit of one semester course, provided the student is passing in five courses; otherwise no credit.

3. Withdrawal between mid-semester and the end of the fourth week preceding the last day of classes, two semester courses if the student is passing in five courses; one semester course if passing in four courses only; otherwise no credit.

4. Withdrawal between the end of the fourth week preceding the last day of classes and the last day of classes itself, three semester courses if the student is passing in five courses; two semester courses if passing in four courses only; one
semester course if passing in three courses only; otherwise
no credit.

5. All such partial credit is "blanket," not allotted to
any particular course. Partial credit, under the regulations
listed above, is limited solely to students called and actually
inducted into the Armed Services of the United States.

COLLEGE PRIZES

American Association of University Women's Membership
Award. The State of Maine Division of the A.A.U.W.
awards a national membership in the Association for one
year to a senior girl of outstanding scholarship, citizenship,
and campus leadership.

In 1952 the award was made to Susan Jayne Campbell,
'52.

Condon Medal. The gift of the late Randall J. Condon,
of the class of 1886, awarded to the member of the Senior
class who, by vote of his classmates and with the approval of
the Faculty, is deemed to have been the best college citizen.

In 1952 the medal was awarded to Donald Cameron
Silverman, '52.

Delta Delta Delta Scholarship Award. Given annually
by the sorority for scholastic ability and school participation
to a well-deserving girl at Colby.

In 1952 equal awards were made to Alice Jane Tyler,
'53, and Susan Squire Johnson, '54.

Adelaide True Ellery Scholarship. Given in memory of
Adelaide True Ellery, graduate of Colby in the class of
1890; granted to a woman student at Colby College for her
junior and senior years.

The recipient to be selected by the President of the Col-
lege; the College Chaplain, and the Dean of Women, and
the scholarship given in recognition of outstanding religious leadership in the life of the college.

**Lelia M. Forster Prizes.** From the income of the Lelia M. Forster Fund awards are made annually “to the young man and the young woman of the preceding entering class who have shown the character and ideals the most likely to benefit society.”

In 1952 the prize for the Men’s Division was awarded to John Austin Dutton, '55; the prize for the Women’s Division was awarded to Anne Orter Mandelbaum, '55.

**Students League Scholarship.** Awarded annually to the Junior girl who best fits these requisites: average scholarship, leadership, participation in extra curricular activities, friendliness—and who has contributed toward her college expenses by her own efforts.

In 1952 this scholarship was awarded to Carolyn Ann English, '53.

**Carrie M. True Award.** Given in memory of Carrie M. True, graduate of Colby in the class of 1895; presented annually to a woman undergraduate of Colby selected by the President, the College Chaplain, and the Dean of Women for pronounced religious leadership and influence in the life of the college.

**BUSINESS ADMINISTRATION**

**Ernest L. Parsons Prize.** Awarded to a senior in Business Administration who in the opinion of the faculty of this department combines high quality of scholarship, personality and extra-curricular interests.

In 1952 this prize was awarded to Raymond Francis Keyes, '52.

**CLASSICS**

**Foster Memorial Prizes in Classics.** One or more prizes of $50 each, in memory of the late Professor John B. Foster,
are awarded to students from either Division for marked excellence in advanced Greek or Latin courses.

In 1952 awards in Latin to Alice Mary Colby, '53, and Theodore Elliot Johnson, '53.

**ENGLISH**

**Mary Low Carver Prize for Poetry.** A prize of $50 is offered annually to a student in the Women's Division for an original poem of merit in the English language. The limitation to the Women's Division is by the terms of the gift made by the donor of this prize. No limitation is placed upon the form or nature of the poems submitted.

In 1952 the award was made to Anne Orter Mandelbaum, '55.

**Solomon Gallert English Prize.** A prize of $20, given by Mrs. Joseph L. B. Mayer in memory of Solomon Gallert of the class of 1888, is awarded yearly for excellence in English.

In 1952 the award was made to Sarah Evelyn Packard, '53.

**Library Associates' Book Prize.** Under the auspices of the Colby Library Associates, a book prize is annually awarded to the senior who has, during his or her four years in college, assembled the best collection of books. This prize has been partially endowed by the class of 1941.

In 1952 this prize was divided equally between Raymond Stevens Grant, Jr., '52, and Wendell Oscar Peabody, '52.

**HISTORY**

**Lampert History Prize.** To the senior who is the highest ranking major in the fields of History and Government; a fund is provided for books of the winner's choosing.

In 1952 equal prizes were awarded to Margaret Joan Blagys, '52, and Margaret Donovan Pierce, '52.
**MODERN LANGUAGES**

**French Consulate Prize.** Offered by the French Consulate in Boston for excellence in French studies.

In 1952 the prize was awarded to Barbara Eilene Hamlin, '52.

**German Prizes.** A first prize of $10 and a second prize of $5 are awarded to members of the Men’s Division for excellence in German courses. Similar prizes are awarded in the Women’s Division.

In 1952 the first prizes were awarded to Robert Lewis Stevens, '52, and Alice Mary Colby, '53; second prize to Catherine Ellis, '53.

**Delta Phi Alpha German Prize.** For scholarship in German language and literature, and for initiative in fostering an interest in the various activities of the German clubs.

In 1952 this was awarded to Paul Ellis White, '53.

**Music**

**Louise Colgan Award.** A prize of $10 is given to the senior man and senior woman who have been members of the Glee Club for at least three years and who have the highest academic standing of those who meet this three-year requirement.

In 1952 these prizes were awarded to Norma Ann Berquist, 52, and Joseph Henry Unobskey, '52.

**Symphony Orchestra Awards.** Two prizes offered by the Colby Community Symphonic Society to seniors who have been members of the Symphonic Orchestra during their college career and have shown unusual interest and improvement.

In 1952 the first prize was awarded to Anne C. Plowman, '52; the second prize equally to Katharine Olcott Parker, '52, and Anne Barbara Weare, '52.
PUBLIC SPEAKING AND DRAMATICS

Goodwin Public Speaking Prizes. Special prizes aggregating $85, given by the late Mattie E. Goodwin of Skowhegan in memory of her husband, Honorable Forrest Goodwin of the class of 1887, are awarded for excellence in the delivery of original addresses.

In 1952 the first prize was awarded to Joseph Augustus Perham, '55; second to John Henry Megquier, '54; third to John Huai-Tsu Lee, '53.

Hamlin Prizes. Prizes of $10 and $5 are awarded to freshmen in the Men’s Division and Women’s Division for excellence in public speaking.

In 1952 the first prize winner was Barbara Ann Restall, '55; second was Herbert Randolph Keech, '55; and third was Rodney Hardy McFarlin, '55.

Julius and Rachel Levine Speaking Prizes. Special prizes aggregating $100 given by Lewis Lester Levine of the class of 1916, in memory of his father and mother, are awarded for excellence in extemporaneous speaking.

In 1952 the first prize was awarded to Donald Cameron Silverman, '52; second to John Henry Megquier, '54; third to Joseph Henry Unobskey, '52; and fourth to John Huai-Tsu Lee, '53.

Montgomery Interscholastic Public Speaking Prizes. In addition to the prizes offered to students in the college, special prizes, the gift of the late Job H. Montgomery of Camden, Maine, are awarded to youth attending secondary schools in New England for general excellence in declamation in a public contest held at Colby College.

In 1952 the first prize winner was Maryellen Fullam of Mount Merici Academy, Waterville, Maine; second was Joan Whitecage of Litchfield High School, Litchfield, Connecticut; third was Peter Poole, Holderness School, Plymouth, New Hampshire.
Murray Debating Prizes. The sum of $100 is available each year to the college through a bequest of the late George Edwin Murray of the class of 1879, for the best arguments presented at a public exhibition.

In 1952 the first prizes were awarded to Barbette Blackington, '53, and Joseph Augustus Perham, '55; second prizes to Virginia Mae Zimmerman, '55, and Joseph Henry Unobsky, '52.

Powder and Wig Awards. Made by Powder and Wig (the dramatics society) for exceptional achievement in dramatic enterprises of Colby College.

In 1952 one award was made to Caroline Stearns Wilkins, '52.

SCIENCE

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

In 1952 equal honors were given to Harold Ralph Jurgens, '55, and Sandra Ruth Smith, '55.

SOCIOLOGY

Chi Omega Prize in Sociology. Awarded annually to the highest ranking woman in sociology.

In 1952 this prize was awarded to Sylvia Lois Rice, '52.

Albion Woodbury Small Prizes. Prizes totaling $100, derived from a fund given by Lina Small Harris of Chicago in memory of her father, Albion Woodbury Small of the class of 1876, former President of Colby and late Professor of Sociology and Dean of the Graduate School of the University of Chicago, are available for students pursuing work in the field of economics and sociology. These prizes will be given to the students in the Men’s or Women’s Division who present the best essays on some subject to be announced by the Department of Economics and Sociology.
In 1952 the first prize was awarded to Nancy Alice MacDonald, '52; second to Sylvia Lois Rice, '52; third to Jeanne Elizabeth D'Wolf, '52.

ATTENDANCE

1. Students are expected to be regular in attendance at all classes, and absence is regarded as an unfulfilled obligation. Each student is, however, allowed at least two unexcused absences from each course in any semester. The maximum number allowed, if beyond two, is determined for each course by the individual instructor.

2. Excuses for absence including infirmary excuses, must be made to and secured from the Dean of Men or the Dean of Women. Individual instructors are not permitted to excuse students from classes.

   The Dean of Men or the Dean of Women may grant excuses only for the following reasons:
   (a) Critical emergencies.
   (b) Athletic or other organizational trips.
   (c) Illness certified by the College Physician or his authorized representative.

   The Health Service has announced that medical excuses will be issued only to students who fall within one of three classifications:
   (1) Students 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 dormitory or other place of residence.

   Medical excuses will not be granted on a retroactive basis unless one of the three classifications is satisfied.

3. Each instructor shall explain at the first meeting of every semester what constitutes unsatisfactory attend-
ance in that class, and shall record at the offices of the Deans of Men and Women how many cuts are allowed in each of his courses.

4. Any student whose attendance is unsatisfactory shall be warned by the Dean. Upon receipt of a second attendance warning in one course in one semester, the student shall be dropped from that course with no credit and with a mark of “F”. No warning shall be issued unless the excessive absence is reported to the Dean within 72 hours of its occurrence.

5. In order that a student may have fair notice, the Dean shall not issue more than one warning in any one course to the same student for absence in any seven-day period. However, vacation warnings shall be issued regardless of the interval of time since any previous warning.

6. Any student absent without excuse from the last meeting of any class before a vacation or the first meeting of any class after a vacation shall receive a vacation warning for each such class absence. If any such warning shall constitute a second vacation warning in any course, the student shall be dropped from that course with no credit and with a mark of “F”. The word vacation is interpreted to mean the Thanksgiving recess, the Christmas recess, the spring recess, and the period between the last classes of the first semester and the first classes of the second semester, but not single holidays. Each vacation cut shall count as one of the minimum cuts allowed, and a vacation warning shall constitute also an attendance warning if allowed cuts have all been taken before the vacation absence occurs.

7. Students on the Dean’s List shall receive unlimited cuts for the following semester, but such cuts shall not include announced tests, and Dean’s List students are not exempt
from the provisions of Section 6 governing vacation absences.

8. More restrictive attendance requirements for students who are on probation, or who have received a major or a minor warning, shall be at the discretion of each instructor.

EXAMINATIONS

At the close of each semester a period of ten days is set aside for a schedule of three-hour examinations in all courses except those which the Committee on Examinations has specifically exempted. The exact proportion given to the examination mark in computing the course mark is left to the decision of each instructor.

No student may be excused from any semester examination except for illness or emergency so grave as to justify excuse, in judgment of the Dean of Men or Dean of Women. A student thus excused may be examined at a later date convenient to the instructor, but under no circumstances is a student permitted to take a semester examination earlier than the date on which it is scheduled. The schedule of semester examinations, both as to time and place, is fixed by the Director of Schedule.

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

Hour examinations and shorter quizzes are given as frequently as the individual instructor wishes. Short quizzes may be given without notice, but each instructor is expected to give one week’s notice of any hour examination.
Cheating in an examination is a serious offense. The instructor may dismiss the offender from the course with a mark of "F," or he may refer the case to the Dean of Men or the Dean of Women for more drastic action.

A student is entitled to only one semester examination in any course; failed examinations cannot be repeated.

**Graduate Examinations**

It is becoming increasingly common for graduate and professional schools to require formal, objective examinations for admission. Hence a center has been established at Colby College for administering the Graduate Record Examination, the Medical College Admissions Test, and the Law School Admissions Test. These tests are administered by the Dean of the Faculty, at whose office interested students may secure complete information about them.

**Selective Service Examinations**

Used by the Selective Service System in partial determination of a registrant’s permission to continue in college, these are administered at the College on dates fixed by Selective Service.

**Veterans**

Colby College is fully approved by Veterans Administration to supply education and training under government benefits allotted to veterans by virtue of several federal laws. The Dean of the Faculty is Coordinator of Veterans’ Affairs, and all inquiries about registration under veterans’ benefits should be addressed to him. Each veteran must submit a certificate of eligibility issued by Veterans Administration,
GENERAL INFORMATION

AIR FORCE RESERVE OFFICERS’ TRAINING CORPS

GENERAL

In July 1951 the United States Air Force, at the request of the College, activated an AFROTC unit at Colby. The Department of Air Science and Tactics, staffed by Air Force officers and airmen, conducts the instruction prescribed by the Air Force and operates the ROTC program.

This program is designed to provide the student with a balanced course of officer training, both theoretical and practical, which in conjunction with his academic curriculum will provide him with the background necessary to become a commissioned officer in the US Air Force.

All physically qualified male freshmen and sophomores are required to take two years of ROTC. Selected students may take four years, qualifying them for commissions as second lieutenants in the US Air Force upon graduation.

Distinctive Air Force Blue uniforms, ROTC insignia and textbooks are loaned to students enrolled in the program. A deposit of $15.00 is made with the Treasurer upon registration to cover loss of, or damage to, this property.

Students who take these courses are not members of the Air Force, but civilians in the AFROTC corps of cadets.

PROGRAM OF INSTRUCTION

Full academic credit is given for each of the AFROTC courses, called Air Science courses. The program is divided into two phases, Basic and Advanced.

The Basic phase consists of Air Science 121, 122 taken during freshman year and Air Science 221, 222 taken during sophomore year. Three classroom hours and one field laboratory hour per week are scheduled for each course. (See Curriculum Section for course content outline). The basic courses, or their equivalent, are a prerequisite for the Advanced Phase.
This phase consists of two generalized courses, Air Science 321, 322 taken during junior year, and Air Science 421, 422 in senior year. These courses will have four classroom hours and one field laboratory hour per week. A special course, Air Science 423, 424 will be offered for seniors in 1953-54 only.

Advanced course students must attend a six weeks summer camp between junior and senior years. During this period they are paid approximately $75 per month, plus travel, quarters, food, uniforms and medical care.

During the advanced phase, cadets receive approximately $27.00 per month and are issued an individually tailored Air Force officer’s uniform worth $100.00. This uniform is given to the student upon satisfactory completion of the AFROTC and college requirements.

**Deferments from Selective Service**

A large percentage (85% in 1952-53) of Air Science 121, 122 students are eligible for deferment from active military service, providing: (1) they are selected by a deferment board, (2) they indicate their intentions of completing the four-year course, (3) they sign a deferment agreement. This agreement is to: (1) accept a commission upon completion of the requirements, (2) serve in active commissioned status for two years following graduation, (3) keep a reserve commission until the eighth anniversary of their date of commission. Once awarded, a deferment is continuous as long as the student is in good standing in the AFROTC and his other college courses. Academic failure and/or certain other conditions will result in deferment cancellation.

**Enrollment in the Basic Courses**

Male students accepted for enrollment at Colby will be sent an application form for AFROTC. This should be returned at once so that uniforms, etc., can be ordered. A
physical examination form, to be filled out by the family physician, will also be sent and should be returned as soon as possible. Applicants who have reached their 23rd birthday will be ineligible for the basic course.

**Enrollment in the Advanced Courses**

Students who have successfully completed the Basic courses or their equivalent may apply for the third year course. If acceptable to the President of the College and the Professor of Air Science they may be enrolled upon signing a contract agreeing to: (1) complete the advanced courses, and, (2) attend the summer camp.

Completion of the advanced courses, once the contract is signed, is a prerequisite for graduation from the College unless the student is discharged from the AFROTC for sufficient reasons. Students may not have reached their 25th birthday at the beginning of this phase.

**Veterans and Members of Reserve Components**

Veterans may receive credit for part or all of the basic phase of AFROTC. The amount will be determined on an individual basis by the Professor of Air Science and Tactics. Exemption from these courses will be determined by the Dean of Men for veterans and active members of reserve components of the Armed Forces.

Further details, in regard to specific inquiries, may be obtained from the Professor of Air Science and Tactics.
The School was opened in 1948 as the Colby-Swarthmore Summer School of Languages. During the first five years of its operation it was sponsored by Colby College at Waterville, Maine, and Swarthmore College at Swarthmore, Pennsylvania. For practical reasons Colby College has now assumed full responsibility for the School, but the general policies and standards already established by the two colleges will be maintained as in the past. The School recognizes the increasing need in our country for more men and women with a sound knowledge of foreign languages. It has faith that linguistically trained citizens can help to further international understanding and good will among nations. The School is organized especially for the training of the capable and ambitious young man or woman who is looking forward to graduate or foreign study, positions or travel in foreign lands, translation work, foreign language teaching, or government service.

The sixth session of the School opens on Colby’s Mayflower Hill campus on June 26 and closes on August 14, 1953. The seventh session is expected to be held between corresponding dates in the summer of 1954. Courses are offered at the elementary, intermediate, and advanced levels in French, German, Italian, Russian, and Spanish. All courses are of the intensive type, covering in seven weeks one full year’s work at the college level, with no less than one hundred and five hours of classroom instruction, and with a credit of six semester hours. The faculty, drawn from many colleges, is composed of native or bilingual instructors who have had wide experience and interest in teaching American students. They are chosen not only for their scholarly attainments but for their personalities and their ability to teach and handle students informally.
At this School the student will find an atmosphere that is particularly conducive to rapid progress in learning a foreign language. The School insists upon the exclusive use of the foreign language outside the classroom in so far as circumstances and previous training permit. The use of the spoken language is encouraged by grouping the students in the dormitories according to the language they study. Teachers live in the dormitories, conduct the language tables in the dining halls, and participate in leisure-time activities such as sports, group singing, folk dancing, and various excursions. Special stress is laid upon this close association of instructor and student because these friendly contacts outside as well as in the classroom develop a feeling of genuine comradeship, which makes the student’s use of the foreign language natural and spontaneous. Instruction is given in small classes so that each student can participate constantly in the classroom exercises and can receive frequent and individual attention. Mechanical aids, such as records which are prepared by instructors for individual classes, phonographs, and recorders, supplement special classroom techniques and individual conferences. Through this carefully integrated program of personalized teaching and planned recreation the student is offered a unique opportunity for the acquisition of a foreign language.

All correspondence concerning the School should be addressed to Professor John F. McCoy, Director, Colby College Summer School of Languages, Waterville, Maine.
FINANCES 1953-1954

The charges tabulated below constitute a student’s major items of expense for one semester. In addition to these there are the various expenses of a personal nature and the Student Activities Fee.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
<th>Payable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition, 5-course program</td>
<td>$300.00</td>
<td>Before registration</td>
</tr>
<tr>
<td>Room, dormitory</td>
<td>110.00</td>
<td>Semester Bill*</td>
</tr>
<tr>
<td>†Board, College dining hall</td>
<td>200.00</td>
<td>$50 payable before registration, balance on Semester Bill.*</td>
</tr>
</tbody>
</table>

$610.00

*The Semester Bill is issued four to five weeks after registration and is due approximately two weeks after the date of issue.
†In view of uncertainty regarding the trend of food costs, the College reserves the right to change the charge for Board on thirty days notice.

ADVANCE PAYMENTS

No formal bills are issued for any of the following items.

ADMISSION

Non-returnable deposit of $25.00. This payment is due when applicants for admission are accepted. This deposit is later credited on the tuition due prior to registration.

BOARD DEPOSIT

Prior to the start of each semester all students who board at the college are required to make an advance payment of $50.00.

ROOM DEPOSIT

All students attending College in any given year must, in order to reserve a room for the following College year, make a $10.00 deposit on or before May first. This deposit is paid to the Treasurer and is later credited on the Semester Bill for the fall semester. Refund of room deposit will be made if the request for a room reservation is withdrawn not later than thirty days before the following registration period.
Tuition

$300.00 a semester payable prior to the opening of each semester. The semester per course charge is $60.00.

Activities Fee

At the request of the students themselves a Student Activities Fee is collected annually, and is used for financing various student activities. This fee is charged on the first semester bill except in the case of students in attendance for the second semester only, who will be charged a proportionate fee on their second semester bill. The Student Activities Fee is compulsory and no items are deductible. The organizations supported and the amount of the fee may change from year to year. The Student Activities Fee for 1953-54 will be $13.50 for men and $15 for women, distributed as follows: Colby Echo $2.50, Colby Oracle $5, Class Dues $1.25, Inter-Faith Association $.75, Music $2.75, Student Government $1.25, and for women, Student League $1.50.

Board

Dining halls are maintained in Roberts Union and in the Women's dormitories. All resident women students are required to board at the College. Resident freshman men are likewise required to have their meals at the College, and upperclass men electing to board at the college dining hall are obligated to pay the board charge for an entire semester.

Room

All students must live in college housing facilities unless excused by the Dean of Men or the Dean of Women. The deans may grant excuses only for students living at home or who work in families for their rooms. In the latter case the plan must be specifically approved by the dean.

Dormitory reservations for men students are made at the office of Dean of Men. Women's housing is in charge of the
Director of Residence for Women, but reservations for new students in the Women's Division may be made directly at the office of Dean of Women.

HEALTH SERVICE
Each student receives annually a thorough physical and medical examination, as many visits to the daily sick call as may be necessary, use of infirmary in accordance with established regulations and all necessary attendance by the college physician and resident nurses. It is important that students and parents understand that the college health service does not entitle a student to the services of a surgeon or specialist, such laboratory procedure as X-ray photographs, blood count, prescription medication, glasses, or dentistry, or other specialized diagnostic techniques. It is further emphasized that a student or his family must assume financial responsibility for the services of a specialist or surgeon.

Free service in the college infirmary is restricted to a total of two weeks in any college year. Infirmary meals are charged at reasonable rates. Whenever students are regularly boarding at the College there is no additional charge for meals.

Group accident and sickness insurance is available to students through an arrangement with the Union Mutual Life Insurance Company. This insurance is supplementary to the college health service and details concerning it are published prior to the opening of each fall semester.

The health services are described in detail in the Colby Gray Book.

MISCELLANEOUS
Shorthand and typewriting when elected concurrently, are considered as one full course for which the regular single course fee of $60 per semester is charged; when either shorthand or typewriting is elected singly the semester charge is $30.00.
In Chemistry courses, students are required to pay for all apparatus broken or lost. A chemistry breakage deposit of $5.00 per course is required. The unused balance of this deposit is refunded.

For the use of electrical facilities beyond those installed in dormitory rooms extra charges will be levied in accordance with rates established by the Superintendent of Buildings.

Financial Aid awards, other than for work or loans, are creditable against tuition.

Unless an exception has been made by the College Treasurer, no student other than transfer students will be granted a degree until he has paid to the College the equivalent of eight semesters full tuition.

**PAYMENT OF BILLS**

Regulations under which college bills must be paid are established by the Board of Trustees, and the College Treasurer is charged with the duty of impartially enforcing these regulations. Unless payment is made in exact accordance with the Treasurer’s specific understanding with the student, the regulations require that the student be excluded from classes until payment is made and that a fine of two dollars be imposed for neglecting to arrange with the Treasurer prior to the date due for a plan of payment. Students excluded from classes under this rule for longer than ten days will be suspended from College for the remainder of the semester. Concerning college bills students and parents must deal directly with the College Treasurer. No other officer of the College has any authority over collection of student bills.

The tuition fee and the board deposit must be paid in advance. No student is permitted to register or attend classes until these charges have been paid. Students permitted to take less than a full program must make advanced
payment at the rate of $60 for each semester course. *No formal bill is issued for these payments. This catalog statement constitutes notice that the payments must be made in advance.* The Treasurer cannot permit deferred payment of tuition fees or board deposit.

The fee for extra courses beyond the normal load of five courses is charged on the semester bill at the rate of $60 per semester course.

Shortly after the opening of each term a bill covering various items is issued and becomes due on a designated date about two weeks later. The bill includes charges for room, board (if at a college dining hall), and the Student Activities Fee. Deduction is made for any prepayments on items charged.

While the Treasurer cannot permit deferred payment of tuition fees at the beginning of a term, he can at his discretion grant partial extension for a brief period on the semester bills. Students needing such extension must make arrangements with the Treasurer prior to the due date designated on the bill.

**REFUNDS**

To students entering the Armed Services before the end of a semester, a pro-rata refund of tuition, room rent, board and fees will be made.

To all other students, in case of voluntary withdrawal, a refund of tuition and room rent is made according to the following:

From first day of classes until the expiration of two weeks ........................................ 50% refunded
Between two and four weeks ......................... 25% refunded
After four weeks ........................................ No refund

Refund of payment made for board to a student who withdraws either voluntarily or involuntarily, will be made
at the rate of $9.00 per week for the uncompleted part of the term.

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

**FINANCIAL AID**

Colby College has traditionally taken pride in the number of its students with limited financial resources who have been assisted in receiving a college education. Not a few of the most distinguished alumni of this college received scholarship aid and worked their way through the four years. Colby annually distributes financial aid in excess of $100,000 in the form of scholarships, Woodman grants and college employment. The amount given in the first two categories represents the cash income from invested funds given for this very purpose by generous individuals and organizations throughout Colby’s long history. Recipients, therefore, are definitely under a moral obligation to fulfill the expectations of these unseen benefactors.

A student needing financial help should write to the Director of Admissions asking for a copy of the bulletin entitled *Information on Financial Aid*. This bulletin explains all our different forms of aid and outlines the procedure to be followed by the applicant.

Employment in the College consists of work in the library, in several academic departments and administrative offices, in dining room and kitchen service, in bookstore, student unions, maintenance, and other assignments. Prospective students applying for financial aid who are willing to accept employment may so designate on the financial aid application form.
USE OF AUTOMOBILES

The use of automobiles at the College is not permitted to freshmen. After the completion of freshman year, any student may have the use of an automobile at the college, subject to the following restrictions:

1. Permission of parents unless the student is of legal age.
2. Registration of the automobile at the college office of the Superintendent of Buildings and Grounds.
3. Proof that liability insurance is carried.
4. Observance of the motor vehicle regulations of the College as well as those of the State of Maine.
CURRICULUM

LANGUAGES, LITERATURES, AND ARTS

SOCIAL SCIENCES

SCIENCES

AIR SCIENCE

HEALTH AND PHYSICAL EDUCATION
Curriculum 1953-1954

The description of courses in the following pages is classified by divisions, and sub-classified by subjects in the following order:

Division of Languages, Literatures, and Arts
  Bibliography, Greek, Latin, English, Fine Arts, Music, French, German, Spanish
Division of Social Sciences
  Social Science, Business Administration, Economics, Sociology, Education, Psychology, History, Government, Philosophy, Religion
Division of Sciences
  Biology, Chemistry, Geology, Mathematics, Physics
Division of Air Science
  Air Science and Tactics
Division of Health and Physical Education
  Physical Education

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

Unless otherwise restricted any course may be elected by a student with the stated prerequisite.

NUMBERING SYSTEM

Each course is designated by a number with three digits. The first digit indicates the classes to which a course is open:

  1—open to freshmen
  2—open to no class below sophomore
  3—open to no class below junior
  4—designed primarily for seniors
The second digit indicates whether the course is a year-course or otherwise:

0—either semester of a year-course
even number (2, 4, 6, or 8)—one of two closely related semester courses
odd number (1, 3, 5, 7, or 9)—an independent semester course

The third digit indicates whether a first semester or a second semester course:
odd number—first semester course
even number—second semester course

The letter “d” after a course number indicates that the course is repeated each semester.

The letter “e” after a number indicates an “E” course.

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

Two closely related semester courses (those with an even number as the second digit) are so constructed that the second may not be taken without completion of the first, except by special permission of the department offering the courses. A mark of “E”, at the discretion of a department, may be given for the first of two related semester courses, provided the course is so designated under the course description in the current catalog. A mark of “E” designates a mark from 50 to 59, and indicates that the deficiency may be made up by satisfactory completion of the second of two related
courses in the immediately following semester. When thus made up, the second semester mark is changed to 60, not higher. An “E” course finally carries a permanent mark for each semester, whereas a year-course carries only one permanent mark at the end of the year.

[ ] Brackets indicate that the course will not be offered in 1953-54.

* An asterisk indicates that the course will not be offered in 1954-55.

† A dagger indicates that the course will probably be offered in 1954-55.

Graduation requirements at Colby are no longer in terms of semester hours, but rather in terms of courses and half-courses. In order to make it plain, however, that certain courses carry more than the usual number of semester hours, wherever that term is the unit requirement, those courses are so designated in the course descriptions.

Schedule of hours and rooms, for courses listed in this section of the catalog, is available at the Recorder’s office.
DIVISION OF LANGUAGES, LITERATURES, AND ARTS

CHAIRMAN, PROFESSOR ERMANNO COMPARETTI

BIBLIOGRAPHY

Assistant Professor Libbey

312. BIBLIOGRAPHICAL MATERIALS AND MAKING OF BOOKS

The sources and methods of library research, with the needs of the prospective graduate student especially considered. The development of alphabets and writing, of manuscripts, printing and libraries.

Prerequisite: junior standing at least; sophomores by permission Miss Libbey

CLASSICS

Assistant Professor Bliss

Major requirements: Classics, three years of Latin above 103, 104, and three years of Greek. Greek, four years in Greek and History 261, 262. Latin, four years of Latin above the level of 103, 104, and either History 261, 262, or Greek 103, 104. For all three majors special work will be required during the Junior and Senior years, to include a general study of classical philology and intensive work in a single author.

GREEK

101, 102. ELEMENTARY GREEK

Essentials of Greek grammar; reading of simple Greek stories.

Prerequisite: none.

103, 104. INTERMEDIATE GREEK

A reading course in Xenophon's Memorabilia, selections from Homer and the lyric poets; review of grammar.

Prerequisite: Greek 101, 102 or its equivalent.
[211. **Herodotus**]
Book Two, with selections from Books Seven and Eight. 
Prerequisite: Greek 103, 104.

[212. **Aristotle**]
*Nicomachean Ethics*, Books One, Two, Six, Ten. 
Prerequisite: Greek 103, 104.

213. **Hellenistic Greek**
Selections from Polybius and Epicurus; Gospels. 
Prerequisite: Greek 103, 104.

[214. **New Testament Greek**]
Selections from Acts and Epistles; selections from Justin. 
Prerequisite: Greek 103, 104.

[215. **Aristophanes**]
One play, two if possible, to be chosen by the student. 
Prerequisite: Greek 103, 104.

216. **Sophocles**
One play, two if possible, to be chosen by the student. 
Prerequisite: Greek 103, 104.

352. **Greek Literature in Translation**
The great literature of ancient Greece, together with a study of the influence of that literature on the modern world. 
Prerequisite: sophomore standing at least.

**Latin**

[101, 102. **Elementary Latin**]
Introduction to Latin by the reading-grammar method; emphasis upon the contribution of Latin to English vocabulary. 
Prerequisite: none.
103, 104. Vergil

Selections from Vergil’s *Aeneid*.
Prerequisite: Latin 101, 102 or equivalent. Students offering three or more years of high school Latin will take Latin 105, 106.

105, 106. Survey of Latin Poetry

Selected plays of Plautus and Terence in the first semester; survey of the poets from Naevius to the medieval hymnologists in the second semester.
Prerequisite: Latin 103, 104 or three or more years of high school Latin.

[211. Cicero and His Contemporaries]

Selected letters of Cicero, with a study of their political and social background.
Prerequisite: Latin 105, 106 or equivalent.

212. Horace

The *Odes*, one book of the *Satires*, and selections from the *Epistles*.
Prerequisite: Latin 105, 106 or equivalent.

[213. Tacitus]

The first four books of the *Annals*.
Prerequisite: Latin 105, 106 or equivalent.

[214. Lucretius]

The *De Rerum Natura*.
Prerequisite: Latin 105, 106 or equivalent.

[215. Pliny and Juvenal]

Selections from Pliny the Younger and from Juvenal.
Prerequisite: Latin 105, 106 or equivalent.
[216. **Suetonius and Martial**]
Selections from the *Lives of the Caesars* and from the *Epigrams*; a study of the society of the early Empire.
Prerequisite: Latin 105, 106 or equivalent.

[217. **Catullus, Tibullus, and Propertius**]
Selections from these three poets.
Prerequisite: Latin 105, 106 or equivalent.

[218. **Cicero's Philosophical Works**]
Cicero's *De Finibus* with selections from the *De Officiis*.
Prerequisite: Latin 105, 106 or equivalent.

[311. **Teaching of Latin**]
Objectives, content and methods in the teaching of secondary school Latin; critical study of Latin texts used in the schools; exercises in Latin composition.
Prerequisite: Latin 103, 104.

[313. **The Pastoral Tradition**]
Study of the principal writers in this tradition from Theocritus to Spenser, with readings in the originals and in translations. The course meets only one hour a week and carries no credit.
Prerequisite: knowledge of either Latin or Greek or French, and permission of the instructor.

351. **Latin Literature in Translation**
Roman writers from Plautus to Quintilian; lectures on the history of Latin literature, and on special aspects of the relationship of that literature to the cultural history of Rome.
Prerequisite: sophomore standing at least.
Professors Weber and Chapman; Associate Professor Rollins; Assistant Professors Alice Comparetti and Benbow; Messrs. Sutherland, Cary, Harrier, and Instructors.

Requirements for majoring in English are: in the sophomore year, English 203, 204 and History 241, 242; in the junior year, two full year period courses or their equivalent in semester courses, one year of which must be in periods before 1800; in the senior year, English 401, 402 and one full year period course or its equivalent in semester courses. Those courses classified as period courses are: 203, 204; 311, 312; 313; 314; 321, 322; 323, 324; 325, 326; 421, 422.

Attention is invited to the major in American Civilization.

101, 102. English Composition

Training in the clear, accurate, and intelligent use of the English language. Required of all freshmen. An additional (or fourth) hour is required weekly of those freshmen who show need of special help in English. Mr. Benbow and Staff

121, 122. Public Speaking

Training in orderly thinking and in methods of oral delivery in various types of public speaking. Conferences to correct individual problems.

Prerequisite: none. Mr. Rollins

201, 202. Survey of Literature: English and American

A general introduction to literature in the English language, not designated for English majors, but for the general student. Required of all sophomores who do not elect English 203, 204.

Prerequisite: English 101, 102. Mrs. Comparetti and Staff
203, 204. THE ROMANTIC REVIVAL

English literature from 1798 to 1832: Wordsworth, Shelley, Keats, and their prose contemporaries. An introductory course required of sophomores who are beginning a major in English. Not open to sophomores who are not English majors.

Prerequisite: English 101, 102. Mr. Chapman

205, 206. SOPHOMORE COMPOSITION

A course of further practice in writing, required of students who pass English 101, 102 without attaining a mark of at least "C." Mr. Sutherland and Instructor

[207, 208. JOURNALISM]

Theoretical and practical training in writing for newspapers and magazines; recommended for candidates for the Echo board.

Prerequisite: English 101, 102.

[311, 312. CHAUCER AND THE EARLY ENGLISH RENAISSANCE]

An intensive study of Chaucer, with a reading of Malory; in the second semester, a study of the poetry and prose of the sixteenth century, leading up to Shakespeare.

Prerequisite: English 201, 202; or 203, 204. Not offered in 1953-54, but to be offered in 1954-55. Mrs. Comparetti

313, 314. MILTON AND HIS CONTEMPORARIES

A study of the literature of the period of the Cavaliers and the Puritans — from the death of Shakespeare to the end of the seventeenth century — with emphasis on the poetry of John Milton.

Prerequisite: English 201, 202; or 203, 204.

Mrs. Comparetti
321, 322. **Swift, Pope, Johnson and Their Contemporaries**

English literature in the 18th century — the "neo-classical" period.
Prerequisite: English 201, 202 or 203, 204.  
Mr. Sutherland

323, 324. **From Browning to Hardy**

English literature of the Victorian period, from 1832 to 1900.
Prerequisite: English 201, 202 or 203, 204.  
Mr. Weber

325, 326. **Major American Authors**

An upper-class course in American literature, chiefly of the nineteenth century.
(A student may not receive credit for both 325, 326 and 365, 366.)
Prerequisite: English 201, 202 or 203, 204.  
Mr. Cary

361, 362. **The Drama in English**

The drama as a literary type. First semester, from Shakespeare's predecessors to Sheridan; second semester, from Ibsen to the present.
Prerequisite: English 201, 202 or 203, 204.  
Mr. Rollins

363, 364. **The English Novel**

Historical survey of the novel as a literary type. First semester, the eighteenth century novel; second semester, the nineteenth century novel.
Prerequisite: English 201, 202 or 203, 204.  
Mr. Chapman

365, 366. **Survey of American Literature**

Historical survey of American literature from Colonial times to the present. An upper-class course designed for the
non-major student interested in the study of his own literature.

(A student may not receive credit for both 325, 326 and 365, 366.)

Prerequisite: English 201, 202 or 203, 204.  Mr. Cary

381, 382. Writers' Workshop

A course for Juniors and Seniors who are eager to do original work and who desire critical analysis and disciplinary guidance of their writing. All forms of composition will be accepted — fiction, poetry, and essays.

Prerequisite: English 201, 202 or 203, 204.  Mr. Harrier

401, 402. Shakespeare

A careful study of the work of the great dramatist.

Prerequisite: English 201, 202 or 203, 204. Required of seniors majoring in English.  Mr. Benbow

421, 422. Contemporary Literature

English and American literature of the twentieth century. Open to seniors only.  Mr. Chapman

FINE ARTS AND MUSIC

Associate Professors Comparetti and Carpenter;
Assistant Professor Re

ART

Major requirements: eight semester courses in Art including two advanced semester courses in art history, Art 131, and ordinarily Art 111; two semester courses in European history.

101, 102. Introduction to Art

Methods of approach to the understanding of architecture, sculpture and painting and a general historical treatment of European art.

Prerequisite: none.
[111. Theory and Practice of Drawing]
Practice of drawing with discussions and occasional lectures. Limited to 30 students.
Prerequisite: sophomore standing; freshmen admitted by permission of instructor. General aptitude desirable.

[112. Advanced Drawing]
A continuation of the work begun in 111, with more complex problems. Limited to 15 students.
Prerequisite: Art 111.

*131. Theory and Practice of Design;
Introduction to Painting
Problems of design, with emphasis on color design. Studio course with discussions and lectures. Limited to 30 students.
Prerequisite: sophomore standing; freshmen admitted by permission of instructor. General aptitude desirable.

*132. Introduction to Painting
A continuation of 131, with more complex problems. Limited to 15 students. Though not prerequisite, Art 111 and 112 will be found valuable in this course.
Prerequisite: Art 131.

[211. Art of the Renaissance]
Painting and sculpture of the fifteenth and sixteenth centuries in Italy and North Europe with an emphasis on the major artists.
Prerequisite: Art 101, 102 or permission of instructor.

[212. Venetian and Baroque Art]
Painting of sixteenth century Venice; painting and sculpture of the seventeenth and eighteenth centuries, with an emphasis on the major artists.
Prerequisite: Art 101, 102 or permission of instructor.
* 213. MODERN ART

In this course special attention will be given to French painting of the nineteenth century. In the twentieth century architecture, painting and sculpture will be studied.
Prerequisite: Art 101, 102 or permission of instructor.

* 234. THE GRAPHIC ARTS

A study of the drawings and prints (engravings, etchings, woodcuts, etc.) of the leading masters of European Art.
Prerequisite: Art 101, 102 or permission of instructor.

321, 322. STUDIO WORK

Work in various media and on various problems. This course may be repeated in a second year with the undertaking of different problems.
Prerequisite: Art 111, 112, 131, 132, and special permission.

MUSIC

Major requirements: eight semester courses in Music including 111, 112, 211, 212; History 121, 122 and either French 103, 104 or German 103, 104. Students planning graduate work in musicology are advised to elect both languages. Credit in applied music may not be given in 1953-54. Consult Dr. Comparetti.

101, 102. HISTORY AND APPRECIATION OF MUSIC

Survey of the art of music, with particular reference to matters of style and historical and background; illustration and discussion of vocal and instrumental works. First semester, from the beginning to 1750; second semester, from 1750 to the present time.
Prerequisite: none. Staff

111. THEORY AND PRACTICE OF MUSIC

A course in musical notation, scales, intervals and chord structure, elements of musical design and harmony.
Limited to ten students.
Prerequisite: none. Mr. Re
112. **Harmony**

Harmonization of given and original melodies; analysis of compositions selected from major composers.
Prerequisite: Music 111 or equivalent.  Mr. Re

211. **Counterpoint**

A course dealing with the principles of melodic combinations. Illustrations from major works of contrapuntal art.
Prerequisite: Music 111, 112.  Mr. Re

212. **Symphonic Analysis**

The investigation of symphonic form from the early 18th century to the works of Brahms and later symphonists. Problems of instrumentation, composition, and conducting will be considered.
Prerequisite: Music 111, 112 and permission of instructor.  Mr. Re

[301, 302. **The Viennese Classicists**]

Emphasis on the instrumental works of Haydn, Mozart, Beethoven and Schubert. Study of forms and reading of scores.
Prerequisite: Music 101, 102, 111, 112.

305, 306. **Opera and Oratorio**

The history of opera and oratorio. Study of famous representative works and techniques.
Prerequisite: Music 101, 102, 111, 112.  Mr. Comparetti

**APPLIED MUSIC**

Private lessons in one of the following instruments—piano, organ, violin, viola, violoncello and bass viol—and in voice, is available at additional cost. To fulfill credit requirements, students must have one lesson and practice a minimum of six hours each week. There is no credit for the Freshman year. Thereafter one semester of course credit
for each three semesters can be applied toward requirements for the college degree.

Students desiring private instruction in piano are referred to Mr. Comparetti; in organ to Mr. Re; in voice to Mrs. Edward J. Colgan, 11 Gilman Street; and in stringed instruments to Mr. Walter Habenicht and Mr. Max Cimbollek.

For participation in the College Glee Clubs, the Symphony Orchestra and the College Band, a student may receive credit for a one year course provided he is an active member of one of the above organizations through four years in college and has by his Senior year completed requirements in any one course offered by the Department of Music. There is no credit for the Freshman year or for any period less than the four years of active participation. If this credit is applied to the requirement for graduation, as one of the twenty courses required, payment must be made on the established per course basis.

The Carnegie library of musical recordings is available to all students of the College; listening hours to be arranged.

MODERN LANGUAGES

Professor McCoy; Associate Professors Strong, Smith, Bither, and Kellenberger; Assistant Professors Gardiner and Schmidt; Messrs. Biron and Holland.

FRENCH

Major requirements: French 107, 108, 221, 222, and any two of the three French courses; 343, 344; 345, 346; 347, 348; German 225, 226; History 121, 122, or 223, 224; and two years of German or Spanish (if the student has not already had the equivalent in high school). A student desiring certification for teaching French must also include French 411 and 414.

Note: In French 101, 102, 103, 104, 105, 106, 107, 108 students are allocated on the basis of their achievement in French as indicated by placement tests, and their general ability and promise to do satisfactory work as indicated by their previous record in school or college.
101, 102. Elementary French

Introduction to the language; pronunciation; grammar; composition; conversation; vocabulary building; reading of easy French; collateral reading.
Prerequisite: none.

103, 104. Intermediate French

Review of grammar and syntax; composition; conversation; intensive reading of prose and poetry; collateral reading; systematic study of vocabulary and idioms.
Prerequisite: French 101, 102 or two years of high school French.

105, 106. Advanced Composition, Conversation, and Reading

Practice in speaking, writing, and reading French; prose and poetry; sight and collateral reading. One hour per week of language laboratory. Conducted chiefly in French.
Prerequisite: French 103, 104 or three years of high school French.

107, 108. Readings in French Literature

A study of some of the masterpieces of French literature from the Middle Ages to the present day, with biographical sketches of the authors read. Translation, class discussion, collateral reading, composition. One hour per week of language laboratory, with emphasis on pronunciation, intonation, conversation, and development of a practical vocabulary. Conducted chiefly in French.
Prerequisite: French 103, 104 or three years of high school French.

221, 222. Great Writers of the Age of Louis XIV

A study of the works of the principal authors of the seventeenth century, with particular emphasis on Corneille, Racine, Molière, and La Fontaine. Conducted chiefly in French.
Prerequisite: French 107, 108. Mr. Smith
343, 344. French Literature of the 18th Century

Characteristic works of Montesquieu, Buffon, Voltaire, Diderot, Rousseau, Marivaux, Beaumarchais, Abbé Prévost, Chénier, and others. Conducted chiefly in French.

Prerequisite: French 221, 222. Mr. Kellenberger

† [345, 346. French Literature of the 19th Century]

A study of the various literary movements, and the major works of the leading poets, novelists, and dramatists of the nineteenth century. Conducted chiefly in French.

Prerequisite: French 221, 222.

* 347, 348. Contemporary French Literature

The sources of contemporary French literature. Outstanding prose and poetic works of the twentieth century. The development of French drama since 1900. Conducted chiefly in French.

Prerequisite: French 221, 222. Mr. Smith

411. Spoken and Written French

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

Prerequisite: French 221, 222. Mr. Strong

412. Advanced Spoken and Written French

A continuation of French 411, with more emphasis on free composition, originality of expression, and extemporary speaking. Conducted in French.

Prerequisite: French 411. Mr. Strong
414. Teaching of French and Spanish in the Secondary School

Problems and methods of teaching French and Spanish; readings, discussions, practice work, and criticisms. Conducted in English.

Prerequisite: French 221, 222 or Spanish 221, 222.

Mr. Strong

[441, 442. Comprehensive Survey of French Literature]

Rapid but intensive study of the chief movements, writers, and monuments of French literature from the earliest times to the present. Conducted chiefly in French.

Prerequisite: French 221, 222.

461, 462. French Seminar

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

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

Staff

German

Major requirements: German 105, 106 or 107, 108; 343, 344 or 345, 346 or 461, 462; 421, 422 or 441, 442; 225, 226; History 121, 122 or 223, 224; and two years of French or Spanish (if the student has not already had the equivalent in high school).

NOTE: In German 101, 102, 103, 104, 105, 106, 107, 108 students are allocated on the basis of their achievement in German as indicated by placement tests, and their general ability and promise to do satisfactory work as indicated by their previous record in school or college.

101, 102. Elementary German

Introduction to the language; pronunciation; grammar; composition; conversation; vocabulary building; reading of easy German; collateral reading.

Prerequisite: none.
103, 104. Intermediate German

Review of grammar and syntax; composition; conversation; intensive reading of prose and poetry; collateral reading; systematic study of vocabulary and idioms.

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

105, 106. Conversation, Composition, and Reading

Practice in speaking and writing German; collateral reading in prose selected to meet the individual needs of students majoring in other fields such as the sciences, social sciences, and others. One hour per week of language laboratory. Conducted chiefly in German.

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

107, 108. Readings in German Literature

Readings in eighteenth, nineteenth, and twentieth century poetry, prose, and drama. Masterpieces from some of the following: Lessing, Goethe, Schiller, the Romanticists, Hauptmann, Sudermann, the contemporary writers. One hour per week of language laboratory, with emphasis on pronunciation, intonation, conversation, and development of a practical vocabulary.

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

Mr. McCoy

225, 226. Germanic Arts and Literatures

The intellectual and artistic achievements of the Germanic peoples: Gothic, German, Austrian, Swiss, Dutch, and Scandinavian, as revealed in their arts and literatures. Beowulf, Nibelungenlied, Lessing, Goethe, Schiller, Heine, Kleist, Grillparzer, Hebbel, Hauptmann, Mann, Ibsen, Undset, and others; architecture, music, painting, customs.
Lectures, reports, and discussions; readings in English translation; no knowledge of the German language required.

Prerequisite: sophomore standing, at least. Mr. McCoy

343, 344. German Literature of the 18th 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. Additional work will be required of any student who has passed a course beyond German 107, 108.

Prerequisite: German 105, 106 or 107, 108, and junior standing at least or special permission.

345, 346. German Literature of the 19th Century

Characteristic works of representative men, including Novalis, Tieck, Schlegel Brothers, Eichendorff, Rückert, Körner, Uhland, Kleist, Heine, Ludwig, Grillparzer, Hebbel, and Hauptmann. Literary movements: Romanticism, Young Germany, Realism, Naturalism. Additional work will be required of any student who has passed a course beyond German 107, 108.

Prerequisite: German 105, 106 or 107, 108, and junior standing at least or special permission. Mr. Bither

421, 422. German Poetry

A general survey of German poetry, lyrical and dramatic, from the earliest times to the present. Additional work will be required of any student who has passed a course beyond German 107, 108.

Prerequisite: German 105, 106 or 107, 108, and 225, 226.

441, 442. Comprehensive Survey of German Literature

Intensive study of the chief movements, writers, and monuments of German literature from the earliest times to the present.

Prerequisite: German 105, 106 or 107, 108, and 225, 226.
461, 462. **German Seminar**

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

Prerequisite: German 421, 422 or 441, 442.  

**Spanish**

Major requirements: Spanish 105, 106, 221, 222, 341, 342, 347, 348; German 225, 226; History 121, 122 or 223, 224; and two years of French or German (if the student has not already had the equivalent in high school). A student desiring certification for teaching Spanish must also include French 414.

**NOTE:** In Spanish 101, 102, 103, 104, 105, 106 students are allocated on the basis of their achievement in Spanish as indicated by placement tests, and their general ability and promise to do satisfactory work as indicated by their previous record in school or college.

101, 102. **Elementary Spanish**

Introduction to the language; pronunciation; grammar; composition; conversation; vocabulary building; reading of easy Spanish; collateral reading.

Prerequisite: none.

103, 104. **Intermediate Spanish**

Review of grammar and syntax; composition; conversation; intensive reading of prose and poetry; collateral reading; systematic study of vocabulary and idioms.

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

105, 106. **Conversation, Composition, and Reading**

Practice in speaking, writing, and reading Spanish; prose and poetry; sight and collateral reading. One hour per week of language laboratory. Conducted chiefly in Spanish.

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

Mr. Holland
221, 222. **Introduction to Spanish Literature**

Readings in prose, poetry, and drama of the nineteenth and twentieth centuries from the masterpieces of the literature of Spain.

Prerequisite: Spanish 103, 104 with a mark of A or B, or Spanish 105, 106. Miss Gardiner

†[341, 342. **Spanish Literature of the Golden Age**]

A study of the chief writers and works of the Classical Period: sixteenth and seventeenth centuries. Conducted chiefly in Spanish.

Prerequisite: Spanish 221, 222.

* 347, 348. **Contemporary Literature in Spanish**


Prerequisite: Spanish 221, 222. Miss Gardiner

461, 462. **Spanish Seminar**

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

Prerequisite: Spanish 341, 342 or 347, 348. Staff
NOTE: For fulfilling the graduation requirement in social studies it is recommended that students elect a freshman-sophomore sequence of History 121, 122 and Economics 221, 222, the contents of which have been integrated.

Students may major in one of two divisional curricula or in a single department.

Combined Majors:

(a) History, Government, Economics; Adviser, Mr. Breckenridge
   Major requirements: in the sophomore year: History 223, 224 and Economics 221, 222; in the junior year: History 221, 222, Economics 321, 322, and two semester courses in government; in the senior year: Government 331, 332, two semester courses in history and two in economics.

(b) American Civilization; Adviser, Mr. Fullam
   Major requirements: History 221, 222 and Economics 221, 222 in the sophomore year; English 325, 326, Government 331, History 351, and Economics 321, 322 in junior year; History 311, 322, Philosophy 351, Art 212, and History 401, 402 in senior year.

In addition, majors in either (a) or (b) will be required to pass a general examination based largely on a selected list of about ten books; the list will be given to the student at the beginning of his junior year, and the examinations may be taken at any time during the senior year.

SOCIAL SCIENCE

101, 102. Man and His World

A study of man in relation to his physical and social environment. An introduction to the whole realm of the liberal arts, the course introduces the student to the several fields of human knowledge from the viewpoint not of the subject matter of those fields, but of man himself. Lectures by the instructor and by visitors from several departments and from outside the college. Readings, weekly discussion sections and quizzes.

Prerequisite: standing not higher than freshman.

Messrs. Marriner and Gilman
BUSINESS ADMINISTRATION

Department Chairman: Professor Bishop

Professor Eustis; Associate Professors Seepe and Bishop; Assistant Professor Williams; Mr. Lathrop; Mrs. Manning; Mr. Zukowski.

Major requirements: Business Administration 221, 222, 321, 322, 411, 414; Economics 221, 222; and one additional year-course or its equivalent in Business Administration (above the 200 level). Courses used in computing C average (see "Concentration", page 19): Economics 221, 222; and all Business Administration courses above the 100 level.

121, 122. Introduction to Business

A study of the institutions, operations, general areas, and vocabulary of business. This course aims at providing the student with a background for adequate appraisal of local, national, and international events and situations as they relate to business, together with an opportunity to prepare for his own role in the business scene.

The eight sections of the course are: The nature of business, ownership, finance, physical factors, personnel, marketing, managerial controls, government and business.

Prerequisite: standing not higher than freshman.

Mr. Lathrop, Mr. Bishop

221e, 222. Elementary Accounting

Basic principles applicable to the construction of accounting records and preparation of financial statements for the principal forms of business organization. Examination of certain aspects of accounting theory and practice in the recording of transactions and preparation of statements. Two hours of class discussion and one laboratory period per week.

Prerequisite: sophomore standing at least; 221e is an "E" course.

Mr. Zukowski, Mr. Bishop

321, 322. Corporation Finance

Study of the financing of business corporations through the promotion, organization, operation and expansion, or
failure and reorganization stages of their development. Corporate securities are studied in detail.

Prerequisite: junior standing, at least. Mr. Williams

341, 342. **ADVANCED ACCOUNTING**

Application of basic principles of accounting to special situations; intensive study of problems of asset valuation, accounting for equities, and determination of income and expense; study of cost accounting and budgetary control. No laboratory.

Prerequisite: Business Administration 221, 222 with satisfactory grade. Mr. Bishop

343, 344. **MARKETING**

A study of the distribution channels for various classes of consumers’ and industrial goods, with emphasis on marketing institutions and their functions. In addition to its coverage of factual material; this course intends, through the use of case studies, to develop in the student the ability to make sound marketing decisions. Considerable time is given to advertising.

Prerequisite: junior standing, at least. Mr. Lathrop

351. **BUSINESS STATISTICS**

Basic principles and methods of statistics and their application to business problems. The course includes: the presentation of statistical data, measures of central tendency, dispersion, correlation, trends, index numbers, significance, and quality control. A knowledge of algebra is desirable.

Prerequisite: junior standing, at least. Mr. Lathrop

352. **HUMAN RELATIONS IN BUSINESS**

Personnel management, formal and informal organization, authority and responsibility, and the relationship of the individual to others on the same and other levels in the business organization.

Prerequisite: junior standing, at least. Mr. Bishop
353. **Industrial Management**

Internal organization and control, plant location and layout, purchasing, materials handling, traffic, methods of wage payment, and time and motion study.

Prerequisite: junior standing, at least. Mr. Zukowski

355. **Business Law**

The course is designed to provide the student with an understanding of the principles of statutory and common law as they affect business relationships; with particular reference to such subjects as contracts, agency, property, sales, and negotiable instruments.

Prerequisite: junior standing, at least. Mr. Zukowski

411. **Personal Finance**

The fundamental principles and their application in the management of one’s personal financial affairs; the role of savings, securities investment, home ownership, and forms of life insurance.

Prerequisite: senior standing, juniors by permission. Mr. Williams

412. **Investments**

The nature of investments with emphasis on the investment use of securities issued by both public authorities and private corporations.

Prerequisites: Business Administration 221, 222, 321, 322, 411. Mr. Williams

414. **Business Policy**

Integration of the functional courses in Business Administration through consideration of a wide range of case histories from the viewpoint of management.

Prerequisite: limited to seniors majoring in Business Administration. Staff
TYPEWRITING AND SHORTHAND

Academic credit for the typewriting and shorthand courses listed below is granted as follows:

(a) Three semesters of typewriting are the equivalent of one semester course.
(b) One semester each of typewriting and shorthand are the equivalent of one semester course.
(c) Two semesters each of typewriting and shorthand are the equivalent of a year-course.

Note especially that no credit toward graduation is granted for less than the equivalent of a semester course or for more than the equivalent of a year-course.

(Note: Shorthand may be taken either concurrently with or after typewriting.)

141, 142. SHORTHAND
Principles of Gregg shorthand. Dictation up to 80 words per minute.
Prerequisite: none. Mrs. Manning

143, 144. TYPEWRITING
Study of touch typewriting; letter arrangement; tabulation; related topics.
Prerequisite: none. Mrs. Manning

151. ADVANCED SHORTHAND
Dictation of business letters and materials of literary, informational, and vocabulary-building value. Methods of teaching shorthand.
Prerequisite: Business Administration 142 or equivalent. Mrs. Manning

153. ADVANCED TYPEWRITING
Continuation of Business Administration 144.
Prerequisite: Business Administration 144 or equivalent. Mrs. Manning
ECONOMICS AND SOCIOLOGY

Professor Breckenridge; Associate Professor Pullen; Assistant Professor Birge; Messrs. Jeffery and Barlow.

Attention is invited to the opportunities for concentrating in combined majors: history, government, and economics; and American civilization.

ECONOMICS

Major requirements: Economics 221, 222, and eight additional semester courses in economics; two semester courses above the freshman level (except that History 121, 122 may be counted) in each of two related social sciences selected with the approval of the adviser. History 121, 122 in the sophomore year is strongly recommended, if not taken in the freshman year.

Students interested in business may substitute Business Administration 221, 222 or Business Administration 321, 322 for two of the eight semester courses in advanced economics required for the major, and may count the other of these two pairs of courses toward the requirement in related social sciences. They may, of course, elect additional courses in Business Administration.

Students who wish to be recommended by the Department for graduate work in economics should take Mathematics 123, 124, 221, 222, and must include at least two of the following pairs of advanced courses among the eight semester courses in advanced economics required for the major; Economics 331, 332; 341, 342; 401, 402. If a student intends to be a candidate for the Ph.D. degree, he should also acquire a reading knowledge of both French and German, and a working knowledge of elementary statistics.

221e, 222. PRINCIPLES OF ECONOMICS

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

Prerequisite: sophomore standing, at least. Course 221 is prerequisite for 222, and is an “E” course.
321, 322. Economics of Government Regulation

A study of the role of government in economic life, with emphasis on regulation of public utilities, monopolies, and trade practices.

Prerequisite: Economics 221, 222. Course 321 is prerequisite for 322.

Mr. Breckenridge

* 323, 324. Public Finance

A study of the economic functions of government—federal, state, and local—and of the financing of government activities. Government expenditures, revenues, and fiscal policy are studied, with special emphasis on taxation.

Prerequisite: Economics 221, 222. Course 323 is prerequisite for 324.

Mr. Breckenridge

* 331. Intermediate Economic Theory

The construction of a consistent body of economic theory as a foundation for further economic analysis. Emphasis is placed upon some of the more important analytical concepts used in the determination of price and output for both the individual firm and the industry under varying conditions of competition and monopoly.

Prerequisite: Economics 221, 222.

Mr. Pullen

* 332. History of Economic Thought

A study of the development of economic thought from ancient times to 1890, with emphasis on the period since 1750.

Prerequisite: Economics 221, 222.

Mr. Pullen

† [341, 342. Money and Banking]

A study of the role of money, credit, and banking in the economic system, with emphasis on the structure and operation of commercial banking in the United States, and on
monetary theory and business cycle theory and their application to the problem of economic stability.

Prerequisite: Economics 221, 222. Course 341 is prerequisite for 342.

361, 362. LABOR ECONOMICS

An analysis of the American labor movement emphasizing the development of unionism, union collective bargaining policies and practices, labor legislation, and the economic aspects of some major problems of labor.

Prerequisite: Economics 221, 222. Course 361 is prerequisite for 362. Mr. Pullen

381, 382. INTERNATIONAL ECONOMICS

A survey of international trade theory, international finance and balance of payments adjustments, with, in the second semester, a study of commercial policy and problems, particularly in the post-World War Two period.

Prerequisite: Economics 221, 222. Course 381 is prerequisite for 382. Mr. Barlow

† [401, 402. ECONOMICS SEMINAR]

A seminar devoted to the consideration of the major contributions to economic theory since 1890.

Prerequisite: Economics 221, 222, and permission of the instructor.

SOCIOL OGY

Major requirements: Sociology 221, 222, and eight additional semester courses in Sociology, including Sociology 311, 312; Economics 221, 222; Psychology 201, 202; and two semester courses in History. In addition to course work, majors are expected to do extra reading. A list of books on subjects not covered in courses will be drawn up each year, and juniors and seniors majoring in Sociology must pick one subject and report briefly on the books listed under that subject.

Students planning to do social work should, at the beginning of their sophomore year, consult with Professor Birge concerning minimum requirements.
221e, 222. **Principles of Sociology**

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

Prerequisite: sophomore standing, at least. Course 221 is prerequisite for 222, and is an "E" course.

311. **Normative Social Theory**

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

Prerequisite: Sociology 221, 222. Mr. Birge

312. **History of Sociological Theory**

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

Prerequisite: Sociology 221, 222. Mr. Jeffery

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

This course is designed to provide the student with an adequate background for an understanding of the various theories, agencies, institutions, laws, material equipment and historical development of the field of social work. The problems of social work are studied in case summaries.

Prerequisite: Sociology 221, 222.

† [332. **Delinquency and Crime**]

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

Prerequisite: Sociology 221, 222.
† [351. RACE AND MINORITY GROUPS]

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

† [352. URBAN SOCIOLOGY]

Urban Sociology is an eclectic study of the city as a sociological phenomenon. This includes the historical and ecological development of the city, population and selective migration, group life and personality, and organization and disorganization of urban areas.
Prerequisites: Sociology 221, 222.

361, 362. CULTURAL ANTHROPOLOGY

A course in introductory anthropology with special emphasis on the implications of the social and cultural experiences of primitive people for modern society.
Prerequisite: Sociology 221, 222. Course 361 is prerequisite for 362.

Mr. Birge

391. PROPAGANDA AND PUBLIC OPINION

A social analysis of the phenomena of public opinion and propaganda, and of the forces which mold each. Special attention is paid to the major media of communication: radio, press, television, and films; the institutional structure within which communication occurs; and the use of propaganda and public opinion in social control.
Prerequisite: Sociology 221, 222, or permission of the instructor.

Mr. Jeffery

392. THE FAMILY

An historical and comparative study of family and marriage from an institutional point of view, including the relationship of the family to other aspects of culture.
Prerequisite: Sociology 221, 222.

Mr. Jeffery
401, 402. **Sociology Seminar**

A seminar on the major problems of Sociology as a science. Much of the work will be devoted to individual projects.

**Prerequisites:** Senior standing, and permission of the instructor.

Mr. Birge

**EDUCATION AND PSYCHOLOGY**

Professor Colgan; Associate Professor Smith; Assistant Professor Gillespie

The College, through this department, has made it possible for students to meet the minimum requirements established by the Maine State Department of Education for the First Provisional Certificate. That certificate is granted to college graduates who have completed eighteen semester hours in Psychology and Education (no more than six of which may be in Psychology). Practice Teaching is not required for the Maine certificate.

Students preparing for high school teaching should qualify in at least two subject fields; this may mean limiting the elections in any one subject to the minimum requirements for a major, and building up a second subject to approximate concentration. Both of these subjects should be such as are ordinarily taught in high schools. With respect to this and other professional factors, prospective teachers should consult with the staff of this department.

Candidates for certification and recommendation would be well advised to consider the need for possessing markedly more than average endowments or acquirements in health, emotional stability, voice, general appearance and in scholarship.

Special methods courses may be included among the courses presented for certification. No student will be permitted to elect more than two full courses in Education in any one year.

The Special Methods Courses now offered are:

The following sequence of courses is recommended for the teaching candidate:

Education 211 and 212 6 semester hours Sophomore Year
Psychology 331 and 332 6 semester hours Junior Year
Education 421 and 422 6 semester hours Senior Year

(A Special Methods Course for qualified candidates may be substituted for Education 422.)

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

EDUCATION

211. INTRODUCTION TO EDUCATION

An orientation course especially designed for prospective teachers with the major emphasis placed upon teaching as a professional career. Topics in the areas of history and philosophy of Education will be discussed to give the student a frame of reference for a better understanding of present-day issues and practices.

Prerequisite: sophomore standing, at least. Mr. Smith

212. PRINCIPLES OF SECONDARY EDUCATION

This course will consider the institution of the American High School with a discussion of such topics as the aims, functions and curriculum organization of secondary education.

Prerequisite: sophomore standing, at least. Mr. Smith

421. PRACTICUM IN EDUCATIONAL METHOD

Classroom discussion will be supplemented by observation of teaching in local schools; study of other youth-serving agencies in the community and interviews with local school and community officials. Topics for discussion will include: methods of classroom instruction and management; prob-
lems of the novice; pupil counseling; marking and reporting; testing and evaluation procedures; the psychology of learning and school-community relations.

Prerequisite: Education 211 and 212; Psychology 331 and 332.

Mr. Smith

422. Seminar in Education

This course will be conducted as a round-table discussion group with visiting teachers, local and state school officials, school committee members and other consultants drawn from the community at large acting as co-participants with senior students in the seminar sessions. Readings and reports will be required.

Prerequisite: Education 421.

Mr. Smith

Psychology

Major requirements: Psychology 221, 222; 321, 322; and twelve additional hours in psychology; Biology 101, 102 or Sociology 221, 222. Psychology 421 and/or 422 are required of students planning to do graduate work. Note: courses in advanced physics, biology, statistics, and a good reading knowledge of French and German will prove especially valuable for graduate study.

221e, 222. General Psychology

Human behavior and its physiological foundations; learning, memory, intelligence and its measurement; personality factors; effective adjustment to life. General biology is highly desirable as preparation for this course.

Prerequisite: sophomore standing, at least. Course 221 is prerequisite for 222, and is an "E" course.

Mr. Colgan

311. Applied Psychology

Applications of psychology to business, industry, personnel problems, psychopathology, and mental health.

Prerequisite: Psychology 221 or senior standing.

Mr. Colgan
312. MENTAL HYGIENE AND GENERAL SEMANTICS

Basic principles. Problems of language and reality, abstracting and labeling. Common maladjustments and semantic re-education.

Prerequisite: Psychology 221, or 311 with mark of C or better.

Mr. Colgan

321, 322. STATISTICS AND EXPERIMENTATION

Problems in psychological measurement, with emphasis in the first semester upon statistical methods, and in the second semester upon experimental problems and techniques. Required of all majors.

Prerequisite: Psychology 222 with mark of C or better.

Mr. Gillespie

331. CHILD PSYCHOLOGY

Genetic study of childhood from the pre-natal period to adolescence; problems of adjustment to growth and to social environment; intensive study of recent research.

Prerequisite: junior standing, at least.

Mr. Smith

332. ADOLESCENT PSYCHOLOGY

Growth and development during the adolescent period including discussion of such topics as the adolescent's relations with his family, peer group, and culture; physical and intellectual development; vocational interests; attitudes and ideals. The case-study method will be used in this course.

Prerequisite: junior standing, at least.

Mr. Smith

343, 344. THE PSYCHOLOGY OF PERSONALITY

An introduction to the psychological study of personality development and organization, with consideration of important theoretical and methodological issues.

Prerequisite: junior standing, at least.

Mr. Gillespie
363, 364. SOCIAL PSYCHOLOGY

First semester: Issues in the development of social behavior, with particular attention to the psychology of language and communication.

Second semester: Problems in the study of social interaction, with special emphasis upon the individual-group relationship, group processes, and on the study of attitudes.

Prerequisite: junior standing, at least. Mr. Gillespie

421, 422. SEMINAR IN PSYCHOLOGY

Independent study of special problems. Intended for students whose training and experience qualify them for self-motivated effective work in a specific area.

Prerequisite: senior standing and Psychology 221, 222; 321, 322.

Mr. Colgan and Staff

HISTORY AND GOVERNMENT

Professor Fullam; Associate Professor Tompkins;
Assistant Professors Gillum, Raymond and Bliss;
Mr. Berschneider

Attention is invited to the opportunity for concentrating in (1) history, government and economics; (2) American civilization. See page 75.

HISTORY

Major requirements: eight semester courses in history, including History 121, 122 (unless special exemption is granted), two semester courses in government, and at least two semester courses in another department of the Division of Social Sciences. Economics 221, 222 is particularly recommended.

121e, 122. THE DEVELOPMENT OF WESTERN THOUGHT AND INSTITUTIONS

An introductory study of the main historical trends from the Greeks and Romans to the present day, and of the ideas
and institutions which have contributed to the shaping of contemporary civilization.

Prerequisite: none; 121 is an “E” course and is prerequisite for 122. Mr. Berschneider and Staff

223e, 224. HISTORY OF MODERN EUROPE
An examination of the currents of change from the days of Voltaire to the present, with special emphasis on the role of ideas in politics, as a background for the ideological and political problems of today.

Prerequisite: 121e, 122, and at least sophomore standing; may also be taken with special permission. 223 is an “E” course and is prerequisite for 224. Mr. Raymond

231. UNITED STATES MILITARY HISTORY
A study of the conditions which led to involvement in the major wars of American history, of the Nation under arms, military operations, and post-war military problems.

Prerequisite: sophomore standing at least. Mr. Fullam

243e, 244. SOCIAL AND CULTURAL HISTORY OF ENGLAND
English history, with particular attention to the social and cultural backgrounds of English intellectual and literary achievements.

Prerequisite: sophomore standing, at least; 243 is an “E” course, and is prerequisite for 244. Mr. Gillum

261, 262. CLASSICAL CIVILIZATION
The cultures of Greece and Rome, and their contribution to the western world.

Prerequisite: sophomore standing, at least. Mr. Bliss

[291. HISTORY OF THE FAR EAST]
History of the Far East, particularly China and Japan, in modern times, with special emphasis on the Far Eastern policy of the United States.

Prerequisite: sophomore standing, at least.
CURRICULUM

295. HISTORY OF LATIN AMERICA
A survey of the colonial period and the history of the countries of Latin America, with emphasis on contemporary problems and inter-American relations.
Prerequisite: sophomore standing, at least. Mr. Gillum

[311. AMERICAN COLONIAL HISTORY, 1492-1763]
European exploration and discovery; the settlement and development of the American colonies and institutions.
Prerequisite: History 221, 222 and junior standing, at least.

[312. THE AMERICAN REVOLUTION AND THE FORMATION OF THE UNION]
A continuation of History 311.
Prerequisite: History 311.

[313. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES]
A survey with emphasis on the evolution of social institutions, the development and interplay of scientific, artistic, and literary currents.
Prerequisite: History 221, 222.

[314. HISTORY OF WESTWARD EXPANSION]
Study and critical evaluation of the frontier thesis in American History.
Prerequisite: History 221, 222.

321e, 322. HISTORY OF THE UNITED STATES, 1776-1952
United States history from the Declaration of Independence to the present time, with special emphasis on the evolution of American ideas and institutions.
Prerequisite: junior standing, at least, and History 223e, 224. Mr. Fullam
[332. Intellectual and Cultural History of Modern Europe]

A study of the principal trends and leaders of new thought (Darwin, Mazzini, Marx, Nietzsche, Bakunin, Sorel, Freud et al.) with emphasis on the nineteenth and twentieth centuries.

Prerequisite: History 223, 224, junior standing, or special permission.

[334. History of Central Europe]

Background and history of Germany, Austria-Hungary, and Czechoslovakia from 1648 to the present time, with special emphasis on the role of Central European countries during the world crises of 1789, 1914, and 1939.

Prerequisite: History 121e, 122, and junior standing, at least.

341, 342. History of Russia and the U.S.S.R.

The expansion of the Russian state and the political and social development of the Russian people under the Tsarist and Soviet Regimes. Special emphasis on Soviet theories, institutions and foreign policy.

Prerequisite: 223e, 224, and at least junior standing; may also be taken with special permission. 341 is prerequisite for 342.

Miss Tompkins

[353. English Constitutional History]

The origin and development of the institutions of government from the earliest times to parliamentary supremacy in modern England.

Prerequisite: junior standing, at least, and two previous year courses in history or government.
361e, 362.  History of England

The main trends in English history from the earliest times to the present.

Prerequisite: junior standing, at least, History 121e, 122, or special permission. 361 is an "E" course and is prerequisite for 362. Not open to students who have registered in History 243e, 244. Mr. Gillum

371.  Medieval Civilization

The history of Western Europe from the early Carolingians to 1300, as a study of the way in which characteristic western institutions and cultural forms took shape in a general social advance.

Prerequisite: junior standing, at least, History 121e-122, and at least one other year course in history; also by special permission. Mr. Raymond

372.  Renaissance and Reformation

A survey of the period of transition from the medieval to the modern world.

Prerequisite: junior standing, at least, History 121e-122, and at least one other year course in history; also by special permission. Mr. Berschneider

401, 402.  History Seminar

Critical study and evaluation of sources and documents; methods of historical research, important historians, and some problems of the philosophy of history.

Prerequisite: senior standing, with concentration in history; B average in history courses, or by special permission. Mr. Berschneider and Staff

441d.  Topics in History

Study of History through special topics.

Prerequisite: senior standing and History major. Staff
221e, 222. **FOREIGN GOVERNMENTS AND POLITICS**
A comparative study of the backgrounds, institutions, and policies of the governments of Great Britain, France, Germany, Russia, etc., with stress on the developments since World War II.
Prerequisite: History 121, 122, and sophomore standing, at least; 221 is an "E" course and is prerequisite for 222.
Mr. Berschneider

321e, 322. **POLITICAL THEORY**
A systematic survey of the history of political thought from Plato to Hitler emphasizing the problems of change, authority, and governmental functions.
Prerequisite: History 223, 224 and junior standing, at least; 321 is an "E" course.
Mr. Raymond

331. **AMERICAN GOVERNMENT AND POLITICS**
The organization and administration of the American national government.
Prerequisite: junior standing, at least; one other year course in history or government.
Mr. Fullam

332. **POLITICAL PROBLEMS**
A study of select problems in modern politics. Conducted with a forum of guest lecturers. Concurrent registration in Government 352 is not permitted.
Prerequisite: Government 331.
Mr. Fullam

[351. **AMERICAN FOREIGN POLICY**]
A survey of the historic principles of foreign policy, and modern problems.
Prerequisite: History 221, 222 or 223, 224; and junior standing, at least.
352. **INTERNATIONAL RELATIONS**

Basic factors governing international relations and contemporary world problems, with attention to the United Nations.

Prerequisite: junior standing, at least, and two previous courses in history, government, or economics. Mr. Gillum

[412. **RESEARCH IN UNITED STATES GOVERNMENT**]

Conducted as a seminar, with an original research project required.

Prerequisite: Government 331.

**PHILOSOPHY AND RELIGION**

Professors Bixler and Clark; Associate Professor Osborne; Assistant Professor Gilman

**PHILOSOPHY**

Major requirements: Philosophy 211, 212, 331, 332, 381 or 382, and three further semester courses selected with the approval of the department.

211. **INTRODUCTION TO PHILOSOPHY**

A survey of the chief fields of philosophy and a discussion of some major ideas and problems in each field with an emphasis on the relevance of such discussions to the problems of contemporary thought.

Prerequisite: sophomore standing, at least. Mr. Clark

212. **LOGIC**

A study of the distinction between valid and invalid reasoning in common thought. An introduction to the logic of scientific method, and to the role of logic in the varied forms of human thought. The syllogism, and other forms of valid inference.

Prerequisite: sophomore standing, at least, except that freshmen qualified may be accepted. Mr. Clark
301, 302. Ethical Issues in the Modern World

A course taught cooperatively by members of several of the departments in the Division of Social Science, and by some outside speakers. The first semester will include a consideration of general principles for ethical judgments and a comparative study of some primitive and modern cultures in order to bring out the organic nature of the social situations in which concrete ethical issues appear. On this foundation, in the second semester, there will be a study of such controversial contemporary issues as ethics in politics, the profit motive, freedom and security, sexual morality and the family, values and standards in business and professional relationships. On each problem a variety of different sources of special knowledge will be consulted.

Prerequisite: junior standing at least, and a grade of C or better in each of two year-courses from two different departments in the Division of Social Science.

311. Philosophy and Modern Scientific Thought

The philosophical implications of modern Astronomy, the Theory of Evolution in Biology and Geology, and some of the findings of recent Physics. The relationship between Science and Western Art and Ethics. A study of the relationship between Science and Religion.

Prerequisite: junior standing, at least. Mr. Clark

312. Ethics

The relation between facts and ethical values. The basis of judgment on questions of right and wrong. A study of some of the outstanding forms of Western ethical thought, their relationship to science, and to contemporary social problems.

Prerequisite: junior standing, at least. Mr. Clark
331. HISTORY OF ANCIENT PHILOSOPHY

An attempt to discern the movement of thought and the ideas of enduring significance in Greek philosophy from its earliest beginnings to its climax in Athens. Special consideration is given to the thought of Socrates, Plato, and Aristotle.

Prerequisite: junior standing, at least. Mr. Gilman

332. HISTORY OF MODERN PHILOSOPHY

The study of European philosophy from Bacon to Bergson, with special attention to the works of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, Hegel, Schopenhauer.

Prerequisite: junior standing, at least. Mr. Gilman

[341. PRESENT CONFLICTS IN POLITICAL PHILOSOPHY]

The philosophies of Communism, Fascism, and of the leading current movements in Democratic social thought. Prominent philosophers from Hobbes to Rousseau who have contributed to these movements. Special emphasis on the systematic structure of the philosophies of the men studied, and on the relation of their ideas to present political and social problems.

This course is offered in alternate years with Philosophy 301, 302.

Prerequisite: junior standing, at least. Mr. Clark

[351. AMERICAN THOUGHT]

From Jonathan Edwards to John Dewey. Readings from representative thinkers, including Woolman, Jefferson, Paine, Emerson, Pierce, Royce, and Santayana.

Prerequisite: junior standing, at least.

372. PHILOSOPHY OF RELIGION

An analysis of the religious point of view and a consideration of some of the problems it has raised for outstanding thinkers from Plato to James.

Prerequisite: junior standing, at least. Mr. Bixler
381, 382. Philosophy Seminar

Careful study of special topics chosen each year to meet the needs of the students involved. Ordinarily the course is limited to students majoring in the department, but others with special qualifications may be admitted with the consent of the instructors.

Prerequisite: junior standing, at least. Philosophy 211, 212 or Philosophy 331, 332 and two further semester courses in Philosophy.

Staff

RELIGION

Major requirements: Religion 101, 102, 211, 212, 213, 214, 381, 382, and either Philosophy 312 and 372 or Philosophy 301, 302.

101, 102. The Religious Heritage of the West

The development of Judeo-Christian religion: its origins, and its influence on the growth of Western culture, its relevance in the modern world, and its relationships to the problems of modern thought.

Prerequisite: standing not higher than sophomore.

Messrs. Osborne, Gilman and Clark

211. Great Religions of the World

Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, Mohammedanism. This course provides a suitable background for Philosophy 372 (Philosophy of Religion)

Prerequisite: sophomore standing, at least. Mr. Osborne

212. Great Religious Personalities

A critical evaluation of the lives and work of many Christian leaders, with particular reference to their beliefs, accomplishments, similarities and differences, historical influence, and to the movements which bear their names.

Prerequisite: sophomore standing, at least. Mr. Osborne
213. **The Bible: Old Testament**

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

Prerequisite: sophomore standing, at least. Mr. Gilman


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

Prerequisite: sophomore standing, at least. Mr. Gilman

381, 382. **Religion Seminar**

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

Prerequisite: junior standing, at least; and two year-courses in Religion. Staff
DIVISION OF SCIENCE
CHAIRMAN: PROFESSOR WEEKS

BIOLOGY

Professor Scott; Associate Professor Terry; Assistant Professor Dunham

Major requirements: Biology 101, 102, 211, 241, 242, 251, 252, 253, 312, 314 and Chemistry 121, 122. In special cases, for example in the case of a student preparing for medicine, a year of work in another science may be substituted for one year of biology. Students preparing for graduate schools of biology should elect at least one year of mathematics and one of physics. Graduate school language requirements should be considered carefully.

101, 102. GENERAL BIOLOGY
An introduction to the science of biology. Staff

† [211. BOTANY]
A study of the morphology, physiology, ecology and classification of plants.
Prerequisite: Biology 101, 102.

241, 242. COMPARATIVE ANATOMY OF THE VERTEBRATES
A comparative study of vertebrate animals, their structure, natural history and relationships. Dissection of a dogfish, mudpuppy, turtle, bird, and cat.
Prerequisite: Biology 101, 102; 241 is prerequisite for 242. Miss Dunham

251. VERTEBRATE EMBRYOLOGY
A study of early vertebrate development with special attention to the chick in the laboratory. Consideration of implications of experimental embryology. Maturation of germ cells, cleavage, and early organogenesis.
Prerequisite: Biology 101, 102. Mr. Scott

252. MICROSCOPIC ANATOMY AND TECHNIQUE
A study of fundamental animal tissues and of the prepa-
ration of material for microscopic examination. Practice in making whole mounts, blood smears and paraffin sections.

Prerequisite: Biology 101, 102. Miss Dunham

253. INVERTEBRATE ZOOLOGY
An introduction to the morphology, physiology, embryology, ecology, and economic importance of invertebrate animals. (A summer course at some seashore laboratory may be substituted for Biology 253.)
Prerequisite: Biology 101, 102.

255. MICROBIOLOGY
The biology of yeasts, molds and bacteria. The aims of the course are (1) to develop general knowledge in this area and (2) to give technical training to those who will become laboratory technicians or research workers.
Prerequisite: Biology 101, 102; Chemistry 121, 122.
Mr. Terry

312. GENETICS
A study of the mechanism of heredity; its application to man and its social importance.
Prerequisite: Biology 101, 102 and junior standing, at least.
Mr. Scott

314. GENERAL PHYSIOLOGY
An introduction to the physiological processes, including enzyme action, respiration, permeability, muscular contraction, nervous and hormonal coordination.
Prerequisite: Biology 101, 102; Chemistry 121, 122.
Mr. Terry

421, 422. SPECIAL PROBLEMS
Prerequisite: special permission. Normally this course is open only to those who have completed or are in process of completing the courses required for a biology major. A special problem will be chosen, and the work will be directed by a member of the department staff.
CHEMISTRY

Professor Weeks; Associate Professor Ray; Assistant Professor Jaquith

Professional Major

Requirements: Chemistry 141, 142, 211, 212, 221, 222, 223, 224, 321, 322 and at least one of the more advanced courses; Physics 121, 122 or 123, 124; Mathematics 221, 222. Two years of German are recommended.

Non-Professional Major

Requirements: Chemistry 141, 142, 211, 212, 221, 222, 223, 224. Other courses which will best suit the needs of the student should be selected in consultation with the head of the department.

121, 122. INTRODUCTION TO CHEMICAL SCIENCE

A study of some of the fundamental principles of chemistry and their relation to other sciences.

A course for non-science students, introduced in 1953-54.

Prerequisite: none. Mr. Weeks

141, 142. GENERAL CHEMISTRY

History, occurrence, distribution, preparation, properties, and uses of the elements and their principal compounds. Four semester hours of credit per semester.

Prerequisite: standing not higher than junior; 141 is prerequisite for 142. Mr. Jaquith

211. QUALITATIVE ANALYSIS

The reactions and detection of the metallic and non-metallic ions and radicals, based upon the theory of ionization and mass action.

Prerequisite: Chemistry 141, 142. Mr. Jaquith

212. CHEMICAL PRINCIPLES

The fundamentals of theoretical chemistry, based upon quantitative measurements. The laboratory includes physical chemical measurements and some practice in semimicro qualitative analysis.

Prerequisite: Chemistry 211. Mr. Jaquith
221, 222. QUANTITATIVE ANALYSIS

Theoretical and practical instruction in quantitative analysis as illustrated by selected gravimetric, volumetric, and electro-chemical methods. Three hours of laboratory work per week in addition to those regularly scheduled are required of students majoring in chemistry.

Prerequisite: Chemistry 211, 212 (either passed or elected concurrently). Mr. Ray

223, 224. ORGANIC CHEMISTRY

The preparation, reactions, properties, and structure of the aliphatic, carbocyclic, and heterocyclic compounds. Four semester hours of credit per semester.

Prerequisite: Chemistry 141, 142, 223 is prerequisite for 224. Mr. Weeks

321, 322. PHYSICAL CHEMISTRY

The theories, fundamental laws, and methods of physical chemistry.

Prerequisite: Chemistry 211, 212; and 221, 222. Math 221, 222 either passed or elected concurrently. Mr. Ray

421, 422. SEMINAR IN ANALYTICAL CHEMISTRY

Mr. Ray

441, 442. SEMINAR IN PHYSICAL CHEMISTRY

Mr. Ray

461, 462. SEMINAR IN ORGANIC CHEMISTRY

Mr. Weeks

481, 482. SEMINAR IN INORGANIC CHEMISTRY

Mr. Jaquith

All seminars require conferences, library work, and experiments in the field indicated. All have as prerequisites Chemistry 141, 142, 211, 212, 221, 222, 223, 224, 321, 322 (either passed or taken concurrently).
GEOLOGY AND GEOGRAPHY

Professor Koons and Assistant Professor Osberg

Major requirements: Geology 101, 102, 221, 222, 412, and three additional semester courses from the Department listings; students preparing for professional work in Geology should elect at least one year-course in mathematics, physics, chemistry, and biology early in their college career. A reading knowledge of French and German is required of Doctoral candidates at all graduate schools.

GEOLOGY

101, 102. PHYSICAL AND HISTORICAL GEOLOGY

The topographic forms of the earth’s surface and the agencies which produce them: rivers, subsurface water, glaciers, winds, waves and currents; volcanism and the forces of crustal deformation. The history and structure of the earth and the record of life in the geologic past; fossils and their significance in dating the geologic record. Local field trips.

Prerequisite: none. Mr. Koons

221, 222. MINERALOGY AND PETROLOGY

Crystallography, chemical analysis and methods for determination of minerals; igneous and metamorphic rocks of the earth’s crust, their origin, structure, and composition. Economic significance of rocks and minerals.

Prerequisite: Geology 101, 102. Mr. Osberg

† [231. MAP INTERPRETATION]

Systematic study of the origin, history, and classification of landforms, based on study of the topographic maps of the United States.

Prerequisite: Geology 101, 102.

† [232. PHYSIOGRAPHY OF THE UNITED STATES]

The geologic structure, geomorphic history, and physiographic divisions of the United States.

Prerequisite: Geology 101, 102.
† [251. Paleontology]

Introduction to the study of fossils as clues to conditions in the geologic past; their classification; and their bearing on the theory of Evolution.
Prerequisite: Geology 101, 102.

† [252. Stratigraphy and Sedimentation]

Study of sedimentary rocks and their history; development of the North American continent; index fossils and their significance.
Prerequisite: Geology 101, 102, 251.

271. Structural Geology

Analysis of rock structures and their significance; structural problems.
Prerequisites: Geology 101, 102; 221, 222 taken or elected concurrently.
Mr. Osberg

272. Geologic Field Methods

Construction of topographic and geologic maps; interpretation of aerial photographs; preparation of brief reports.
Prerequisites: Geology 101, 102; 221, 222 taken or elected concurrently.
Mr. Osberg

291. Glacial Geology

Mechanics of ice; history and deposits of the Glacial period, with special attention to features in Maine.
Prerequisite: Geology 101, 102.
Mr. Koons

† [311. Advanced Physical Geology]

The geology of continents and ocean basins, regional structures, crustal forces, and theories of earth origin. Regular reports and discussions.
Prerequisites: Geology 101, 102, 221, 222, and junior standing, at least.
412. **Applied Geology**

Geological science in modern life; mining, quarrying, geophysical problems; ground water, soil conservation; structural problems of dams and tunnels. Regular reports and discussions.

Prerequisites: Geology 101, 102, 221, 222, and senior standing.

Messrs. Koons and Osberg

**GEOGRAPHY**

[111. **Meteorology**]

Study of the physical properties of the atmosphere; the origin and classification of weather types; air mass analysis and principles of prediction.

Prerequisite: none.

[112. **Climatology**]

Study of the climatic zones of the world, their origin, classification, and significance in the environment.

Prerequisite: none.

[221, 222. **Geographic Regions of the World**]

Study of the geographic regions of the world, as defined by climate, soil, and topography. Impact of the environment on man, and his adaptations.

Prerequisite: none.

[231. **Geography of Europe and South America**]

The geographic framework of Europe and Latin America; environmental zones, and man's adaptations; the political and economic consequences of geography.

Prerequisite: Geology 101, taken or elected concurrently.

[232. **Geography of Asia**]

The geographic framework of Asia; environmental zones and man's adaptations; the political and economic consequences of geography.

Prerequisite: Geology 101.
[233. **PRINCIPLES OF ECONOMIC GEOGRAPHY**]

The distribution, exploitation, and conservation of natural resources, and their influence on national economic policies.
Prerequisite: Sophomore standing, at least.

[234. **PRINCIPLES OF POLITICAL GEOGRAPHY**]

Geographic factors in politics, including natural resources, transportation, access to the sea, climate, and topography, and their influence on national and international development.
Prerequisite: Sophomore standing, at least.

**MATHEMATICS**

Professor Combellack; Assistant Professor Pinette; Mr. Stanley

Major requirements: Mathematics 123, 124, 221, 222, 321, 322, 341, 342, 361, 362, 421, 422. Mathematics 381 may be substituted for 322 by permission. Mathematics 125, 126 is a substitute for 123, 124, 221, 222. Courses used in computing C average: all mathematics courses.

121, 122. **BASIC COLLEGE MATHEMATICS**

Intermediate and college algebra, elements of plane trigonometry, introduction to plane analytic geometry. Students who elect this course and wish to elect further courses in mathematics must consult the Head of the Department.
Prerequisite: one year or a year and a half of high school algebra and one year of plane geometry; 121 is prerequisite for 122. Students who have passed two years of high school algebra are not eligible to elect this course.
Mr. Combellack

123, 124. **ELEMENTARY FUNCTIONS**

College algebra, plane trigonometry, plane analytic geometry, and introduction to calculus.
Prerequisite: a year and a half or two years of high school
algebra and one year of plane geometry; 123 is prerequisite for 124.

Students who have passed 121 are not allowed credit for 123.

125, 126. **Elementary Analysis**

Plane analytic geometry, elementary differential and integral calculus. This course is a substitute for 123, 124, 221, 222.

Prerequisite: a year and a half or two years of high school algebra and one year of plane geometry; 125 is prerequisite for 126. Limited to students selected by the department.

Miss Pinette

221, 222. **Elementary Differential and Integral Calculus**

Differentiation of functions; maxima and minima; related rates; velocity and acceleration; parametric and polar equations; partial derivatives; total differential; methods of integration with applications to geometry, physics, and mechanics, using rectangular and polar coordinates.

Prerequisite: Mathematics 123, 124; 221 is prerequisite for 222.

Miss Pinette and Mr. Stanley

321, 322. **Differential Equations and Introductory Applied Mathematics**

Solutions of elementary differential equations, followed by an introduction to selected topics in applied mathematics such as solutions of differential equations by means of infinite series, Bessel Functions, Fourier Series, and vector analysis.

Prerequisite: Mathematics 221, 222; 321 is prerequisite for 322.

Mr. Combellack
* 341, 342. **Geometry**

Analytic geometry of two and three dimensions; projective geometry.

Prerequisite: Mathematics 221, 222; 341 is prerequisite for 342.

† [361, 362. **Advanced and Higher Algebra**]

Theory of equations; determinants; matrices; the concept of a group, a ring, and a field; linear transformations; bilinear, quadratic, and Hermitian forms.

Prerequisite: Mathematics 221, 222; 361 is prerequisite for 362.

† [381, 382. **Introduction to Mathematical Statistics**]

Frequency distributions; large-sample theory; small-sample theory; Tchebycheff's Inequality; confidence limits; statistical design.

Prerequisite: Mathematics 221, 222; 381 is prerequisite for 382.

† [392. **Teaching of Mathematics in the Secondary Schools**]

History of mathematics and a consideration of its purposes and values in the secondary school; study of school texts; demonstration teaching by each student.

Prerequisite: Mathematics 221, 222.

421, 422. **Advanced Calculus**

The more advanced topics of calculus, including detailed study of continuity and related topics, hyperbolic functions, maxima and minima in three dimensions, Jacobians, curvilinear coordinates, line and surface integrals, infinite series, special definite and improper integrals, Beta Function, Gam-
ma Function, complex variable, and elliptic functions and integrals.

Prerequisite: Mathematics 321; 421 is prerequisite for 422.

[441, 442. Special Topics]
Content varied to meet the needs and interests of individual students; such topics as theory of functions of a real or complex variable, theory of numbers, theory of groups.
Prerequisite: Mathematics 321, 322, or by permission.

PHYSICS
Professor Brown; Assistant Professor Yamauchi

Major requirements: Physics 123, 124 or equivalent; 211, 212, 213, 301, 302, 216; Mathematics 123, 124, 221, 222; Chemistry 121, 122. Students concentrating in physics are advised to elect additional courses in physics to provide an adequate concentration in one particular branch of the subject. Students preparing for graduate study should consult department head as early as possible. Courses used in computing “C” Average: Mathematics 123, 124, and all physics courses.

121e, 122. Elementary Physics
A survey of the basic phenomena of mechanics, heat, sound, electricity, and light; selected topics in modern physics. Restricted to non-science majors who have not passed Math 123, 124. On the approval of the instructor Physics 121, 122 is equivalent to 123, 124 for the election of advanced courses. Four semester hours credit per semester.
Prerequisite: none. Whichever course is taken first is an “E” course. Mr. Yamauchi

123e, 124. General Physics
A quantitative study of mechanics, heat, sound, electricity, light, and modern physics for science majors, including pre-medical students, and those having completed Math. 123, 124. Four semester hours credit per semester.
Prerequisite: none. Whichever course is taken first is an “E” course. Mr. Brown
* 211. *Mechanics*

Statics, kinematics and dynamics with special emphasis on practical applications.

Prerequisite: Physics 123, 124; and Mathematics 221 (either passed or elected concurrently). Mr. Brown

* 212. *Heat and Thermodynamics*

A thorough study of heat phenomena and elementary thermodynamics, with their applications to practical problems.

Prerequisite: Physics 123, 124; Mathematics 222 (either passed or elected concurrently). Mr. Brown

† [213. Optics]

The more important topics of geometrical and physical optics; optical instruments, interference, diffraction, polarization, and spectroscopy.

Prerequisite: Physics 123, 124. Trigonometry.

† [214. Sound]

A study of the character of sound, the physical basis of music, acoustics of rooms, and acoustical apparatus.

Prerequisite: Physics 123, 124 and Mathematics 222 (either passed or elected concurrently).

† [216. Elementary Modern Physics]

A study of the development of modern theories of the structure of matter; thermionic and photoelectric effects and their applications in electronic devices.

Prerequisite: Physics 123, 124 and Trigonometry.

† [301, 302. Electricity and Magnetism]

The principles of direct and alternating currents and their more important applications.

Prerequisite: Physics 123, 124 and Mathematics 221, 222. Mr. Brown
* 303, 304. **Electronics**

An introduction to theoretical and experimental electronics with its application to vacuum tubes, instruments and apparatus.
Prerequisite: Mathematics 221, 222 and Physics 301, 302 or equivalent.

* 311. **Nuclear Radiation Physics**

The fundamentals of nuclear physics and the measurement of nuclear radiation. Applications to radioactive tracer techniques and health physics.
Prerequisite: Physics 216. Mr. Yamauchi

† [331. **Teachings of Science in the Secondary School**]

Consideration of special problems in the teaching of sciences usually untouched in science and education courses. Although physics is considered particularly, material is sufficiently general to apply to the teaching of any science course.

Topics include: periodical literature, visual aid, selection of textbooks, application of unit method, integration of class and laboratory, budget and inventory.

Prerequisite: two semester courses in physics, two additional semesters of another laboratory science, and an education course taken previously or concurrently.

* 412. **Mathematical Physics**

Application of mathematics to classical physics. Special emphasis on mathematical formulation of problems and physical significance of results.

Prerequisites: Physics 123, 124; Mathematics 322 either passed or elected concurrently. Mr. Yamauchi
421, 422. *Special Topics*

Research problems to meet the needs and interests of individual students.

Prerequisite: junior standing, at least, and permission of Staff instructor.

**DIVISION OF AIR SCIENCE**

**AIR SCIENCE AND TACTICS**

Professor Christie (Lt. Col.); Assistant Professors Corbin (Major), O'Berry (Major), and Dietz (Lt.)

121, 122. **Air Science I**

A course designed to acquaint the student with: the details of the AFROTC program; the moral and statutory obligations for military service; the fundamentals of global geography; world political geography; international tensions and security organizations; and the defense organization of the United States.

Leadership laboratory includes instruction in wearing of the uniform, military courtesy and basic drill with limited leadership exercises.

Prerequisite: none. Major Corbin and Staff

221, 222. **Air Science II**

All students who enroll in this Air Science course will also be enrolled in the History 231 course (U.S. Military History). During the first semester the three classroom hours per week will be used for the History course, the laboratory periods for Air Force subjects. In the second semester all periods will be for Air Force subjects.

The purpose, process and primary elements of aerial warfare: Targets, weapons, delivery aircraft, the air ocean, bases and personnel. A brief survey of Air Force occupational fields and career opportunities.
Leadership laboratory is a continuation of AS I with emphasis on non-commissioned officer training.

Prerequisites: Air Science 121, 122 or equivalent.

Colonel Christie and Lt. Dietz

321, 322. *Air Science III*

Command and staff concepts; problem solving techniques; oral and written communications processes; Air Force correspondence and publications; military law, courts, and boards; applied air science*, including principles of flight, aircraft engineering, aerial navigation, and weather; and functions of the Air Force Base.

*In 1953-54 the subcourse on the primary elements of aerial warfare, outlined for AS 221, 222 will be substituted for applied air science.

Leadership laboratory — continuation of AS I and II, the cadet receives more responsibility and authority in officer positions in the corps of cadets.

Prerequisite: Air Science 221, 222 or equivalent.

Major O'Berry and Staff

† [421, 422. *Air Science IV*]

The principles of leadership and management; the military aspects of world political geography; military aviation and the art of war; career guidance; briefing for commissioned service.

Leadership laboratory — final phase of leadership training. Cadets assigned responsibilities and authority to operate the cadet corps under the supervision of the professor of air science and military faculty.

Prerequisites: Air Science 321, 322; 323, 324 or equivalent.

* 423, 424. *Air Science IV*

Command and staff concepts; problem solving techniques; military law, courts and boards; military aviation and the
art of war; career guidance; elements of aerial warfare; briefing for commissioned service.

Leadership laboratory — same as outlined for AS 421, 422.

*Taught in 1953-54 only.

Colonel Christie, Major O’Berry

DIVISION OF HEALTH AND PHYSICAL EDUCATION

Chairman: Professor Loebs

Associate Professors Loebs and Roundy Assistant Professors Marchant, Maze and Williams; Mr. Cuddeback, Miss Martin and Mr. Tryens; Drs. Dore and Reynolds.

The College places special emphasis upon all measures and provisions that will promote and maintain the health and physical efficiency of its students. The immediate responsibility for this function is delegated to the Division of Health and Physical Education.

HEALTH SERVICE

The College Physician maintains at the College Dispensary daily office hours at which time all students may consult him. The College operates infirmaries for men and women with resident nurses under the direction of the College Physician, and has a consulting medical staff who may be called by the College Physician in cases of serious illness.

Every student is given a careful health examination soon after his arrival at the beginning of each year, and advised periodic checkups whenever necessary. It is a college requirement that each regularly enrolled student file a health statement and a physician’s certificate. It is desirable that all remediable defects be corrected before the student enters college.
The College Physician will advise each student with physical disabilities or limitations as to the proper program for his particular case.

**Physical Education for Men**

The Physical Education program for men is divided into three major phases: required physical education, intercollegiate athletics and intramural athletics.

All participation in this Division is subject to the approval of the College Physician and his staff.

All freshmen and sophomores are required to participate in organized physical education classes at least two hours a week. Selection of a regular section must be made at the time of course elections. A regulation uniform is required for students enrolled in the program, consisting of trunks, shirt, warm-up shirt and rubber soled shoes. Uniforms are secured through the College Bookstore, and each student is responsible for providing himself with the necessary equipment prior to the first meeting of the regular classes.

**Physical Education for Women**

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

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

All participation is subject to the approval of the College Physician.

Fall Season activities: archery, field hockey, and tennis; Winter Season: badminton, basketball, body mechanics, dance, varied sports, volleyball, tournaments and winter sports; Spring Season: archery, golf, softball, and tennis.

Sophomores in good standing may substitute one hour per week of riding, swimming or bowling during the appropriate seasons.
PROFESSIONAL HEALTH AND PHYSICAL EDUCATION

The Department offers professional training to those students who are interested in preparing for positions as teacher-coach or Physical Education instructor in public and private schools. The courses not only embody training in the coaching of athletic sports but also emphasize training in Health and Physical Education for students who are interested in entering the field of teacher-coach.

311. THE ORGANIZATION AND TEACHING OF HEALTH AND PHYSICAL EDUCATION ACTIVITIES

The practice and theory of those activities included in the program of health service, health instruction, intramural athletics, and physical education in the modern school program.

Prerequisite: special permission and junior standing, at least. Mr. Loebs and Miss Marchant

312. THE ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION

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

Prerequisite: special permission and junior standing, at least. Mr. Loebs and Miss Marchant

Note: Women's section of 311 and 312 offered in 1951-52 and alternate years only.
Competent graduates of Colby are regularly encouraged to enter graduate school for pursuance of advanced degrees. The Dean of the Faculty is the general adviser for all graduate work, and members of the faculty are always ready to guide students in the choice of graduate courses in particular fields. All seniors who have any intention of possibly attending a graduate school of arts and sciences should take the Graduate Record Examination, for which the Educational Testing Service has named Colby as one of the examination centers. There are three annual administrations of this examination, in October, February, and May. The May administration is too late for many graduate schools. Colby seniors are advised to take the examination in February.

Graduate Schools of Education
An increasing number of Colby seniors intent on teaching seek admission to a graduate school of Education, to secure the Master of Education degree, a valuable asset, and in some states a necessity, for securing a teaching position in secondary school. Colby is one of a select list of liberal arts colleges approved by the Harvard Graduate School of Education for an exceptionally attractive program of preparation for preferred positions in teaching. Colby graduates also enter the Graduate Schools of Education to become candidates for the doctorate in Educational Administration. Concerning the Graduate Schools of Education students should seek advice from the staff of the Colby Department of Education and Psychology.

Graduate Schools of Commerce and Business Administration
The valuable training for rewarding positions in business and industry which is offered by such post-graduate institu-
tions as the Harvard Graduate School of Business Administration, the Wharton School of the University of Pennsylvania, and the Amos Tuck School of Dartmouth College, leads many Colby graduates to seek admission into these and similar schools. At present, no graduate examination is required for entrance into any of them, but students should be ready at any time for a notice that the Graduate Record Examination, or some other battery of tests, will be required. For advice about graduate work in business, the student should consult members of the Colby Department of Business Administration.

**ENGINEERING: THE THREE-TWO PLAN**

Colby College cooperates with the Carnegie Institute of Technology in what is known as the three-two plan of engineering education. Under this plan a student attends Colby for three years in liberal arts, then spends two years at Carnegie in a chosen branch of engineering. Upon successful completion of the five-year program the student receives the liberal arts degree from Colby and the engineering degree from Carnegie.

During the three years at Colby the engineering student must secure competent mastery of the necessary mathematics and science to assure success with the two years of intensive engineering training at Carnegie. In his Colby program, however, there is plenty of room for broad distribution in the humanities and the social studies.

The Colby part of this cooperative plan is in charge of a committee composed of the Dean of the Faculty, the Dean of Men and representatives of the departments of Mathematics, Physics, and Chemistry.

**MEDICINE**

The pre-medical student is free to major in any subject of his choice. The medical schools do not require a major in
any one subject or any combination of subjects. They merely require general high standing and the inclusion in the student’s college program of biology, chemistry, physics, English, and foreign languages. The amount of work demanded in each of these subjects differs with different medical schools, but all require organic chemistry in addition to a year of general chemistry. Some schools require vertebrate anatomy and all schools prefer it.

The Pre-Medical Committee at Colby will help each candidate to prepare for all medical schools to which he may wish to apply. Admission to medical school is so highly competitive that it is frequently necessary for a candidate to apply to several schools.

It is strongly urged that pre-medical students take college courses in mathematics through the first year of calculus. Many medical schools place high reliance upon the marks in calculus in their selection of competitive applicants.

In the college year preceding entrance into medical school the applicant must take the Medical College Admission Test. This test, administered twice a year, in November and May, should surely be taken in November by applicants who wish to enter medical school in the following autumn, because the fall class in many schools is selected prior to the May administration of the test. The Medical College Admission Test is supervised by the Educational Testing Service, which has designated Colby College as one of the centers where the test is given. It is administered at Colby by the Dean of the Faculty.

**Dentistry**

Although some of the dental schools admit applicants who have completed three years, and sometimes only two years, of college work, the leading schools prefer applicants who hold the college degree. As in medicine, there is no demand
for a particular major. Each applicant, regardless of his major must meet the specific requirements in biology, chemistry, physics, and English, which differ in quantity with different dental schools.

The Pre-Medical Committee is advisory to candidates for dentistry as well as to those for medicine.

Testing for admission to dental schools is new. The American Dental Association began a testing program in 1950, setting up testing centers, not at the colleges, but in various cities, and fixing the testing dates in the Thanksgiving recess, the Christmas recess, and the spring recess period. Since those dates vary among the colleges, it is hoped that the Dental Association will soon decide to use the facilities of the Educational Testing Service and have the test given on the college campuses.

**Law**

No specific subject is required for admission into any school of law. The pre-law student is therefore free not only to major in any field of his choice; he is also free to take any subject he pleases during his college course.

Law schools vary widely in their standards of admission. Since nearly every state in the Union now requires two years of college work for all who take the bar examination, regardless of training in law school or elsewhere, the minimum requirement for entrance into any reputable school of law is the completion of two years of college. The leading schools of greatest prestige require a college degree for admission; another group requires three years of college work. Each applicant should therefore determine the exact requirements laid down by the law school of his choice.

During the college year before he intends to enter law school, the candidate must take the Law School Admission Test, administered at Colby under direction of the Dean of
the Faculty on specified dates in November, February, and April. This is a national test, supervised by the Educational Testing Service.

**Nursing**

Under the direction of the Dean of Women, students interested in preparing for a collegiate school of nursing may arrange an appropriate program of study. The pre-nursing curriculum follows the requirements of leading graduate schools of nursing, such as those at Yale and Cornell.

It is recommended by such schools that the applicant's preparation include a sound background in history, psychology, and other social sciences, as well as in literature, English expression, and foreign languages. The specific requirements include Chemistry, Biology, and Psychology.
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THE STUDENTS
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THE CORPORATION

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FREDERICK ALBERT POTTLE, Ph.D., Litt.D., (1953)  New Haven, Conn.  Frederick Albert Pottle
SUMNER SEWALL, LL.D., (1954)  Bath, Maine  Sumner Sewall
RUSSELL MILLARD SQUIRE, B.S., (1955)  Waterville, Maine  Russell Millard Squire
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INVESTMENTS: Messrs. Perkins, Drummond and Sturtevant.

NOMINATIONS: Messrs. Johnson, Drummond and Lawrence.

FACULTY 1952-53

In parentheses after each name are listed the colleges from which earned degrees have been received.

JULIUS SEELEY BIXLER, Ph.D., D.D., L.H.D., LL.D., D.C.L. (Amherst, Yale), President. Professor of Philosophy.
Residence, Mayflower Hill

Residence, Mayflower Hill Drive

CLARENCE HAYWARD WHITE, A.M., Litt.D., (Amherst), Professor-Emeritus of the Greek Language and Literature.
Residence, 40 Burleigh Street

GEORGE FREEMAN PARMENTER, Ph.D., Sc.D., (Massachusetts State College, Boston University, Brown), Professor-Emeritus of Chemistry.
Residence, 7 Sheldon Place

Residence, 56 Burleigh Street
THOMAS BRYCE ASCRAFT, Ph.D. (Wake Forest, Johns Hopkins), Professor Emeritus of Mathematics.
Residence, 34 Pleasant Street

Residence, 46 Lawrence Street, Dover-Foxcroft

WILBERT LESTER CARR, A.M., LL.D. (Drake), Professor Emeritus of Latin.
Residence, Lexington, Kentucky

CURTIS HUGH MORROW, Ph.D. (Clark), Professor Emeritus of Economics and Sociology.
Residence, 3 West Court

ERNEST CUMMINGS MARRINER, A.M., (Colby), Professor of English, Dean of the Faculty.
Residence, 17 Winter Street

CARL JEFFERSON WEBER, M.A., D.Litt. (Johns Hopkins, Oxford), Roberts Professor of English Literature. Curator of Rare Books and Manuscripts.
Residence, 42 Burleigh Street

EDWARD JOSEPH COLGAN, A.M. (Harvard), Professor of Education and Psychology.
Residence, 11 Gilman Street

ARTHUR GALEN EUSTIS, M.B.A. (Colby, Harvard), Wadsworth Professor of Business Administration. Vice-President.
Residence, Mayflower Hill Drive

JOHN FRANKLIN MCCOV, A.M. (Princeton, Harvard), Professor of Modern Languages. Director of Schedule.
Residence, 36 Morrill Avenue

LESTER FRANK WEEKS, A.M. (Colby, Harvard), Merrill Professor of Chemistry.
Residence, 31 Winter Street

WALTER NELSON BRECKENRIDGE, A.M. (Tufts), Professor of Economics.
Residence, 65A Elm Street

**JAMES HUMPHREY, III, A.B., B.S. in L.S. (Harvard, Columbia), Professor of Bibliography. Librarian.

SHERWOOD FISKE BROWN, S.M. (Massachusetts Institute of Technology), Professor of Physics.
Residence, 27 Johnson Heights

**On leave of absence in the armed services.
FACULTY

Wilfred James Combellack, Ph.D. (Colby, Boston University), Professor of Mathematics.
Residence, China, Maine

Paul Adrian Fullam, A.M. (Harvard), Professor of History.
Residence, River Road

LueLLa FrederICKa Norwood, Ph.D. (Carleton, Yale), Professor of English.
Residence, 25 Winter Street

Donaldson Koons, Ph.D. (Columbia), Professor of Geology.
Residence, 1 Essex Road

Allan Charles Scott, Ph.D. (Clark, Pittsburgh, Columbia), Professor of Biology.
Residence, 12 Marston Court

C. Philip Christie, A.B. (Williams), (Lt. Col. USAF), Professor of Air Science and Tactics.
Residence, 53 Johnson Heights

Alfred King Chapman, A.M. (Colby, Harvard), Professor of English. Secretary of the Faculty.
Residence, 28 Pleasant Street

John Alden Clark, Ph.D. (Amherst, Harvard), Professor of Philosophy.
Residence, 24 Morrill Avenue

Everett Fish Strong, A.B., (Wesleyan), Associate Professor of Modern Languages.
Residence, 2 Elm Street

Cecil Augustus Rollins, A.M. (Colby, Harvard), Associate Professor of English.
Residence, 3 First Rangeway

Gilbert Frederick Loeb, A.M. (Springfield, Pittsburgh, Columbia), Associate Professor of Health and Physical Education.
Residence, 43 Burleigh Street

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

Norman Swasey Smith, Ed.M. (Tufts, Harvard), Associate Professor of Education.
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George Thomas Nickerson, A.M. (Colby, New York University), Associate Professor of Education. Dean of Men.
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Ermanno F. Comparetti, Ph.D. (Cornell), Associate Professor of Music.
Residence, 38 Morrill Avenue

Robert White Pullen, Ph.D. (Colby, Massachusetts Institute of Technology), Associate Professor of Economics.
Residence, 11 Greenwood Street

Edward Cilley Roundy, B.S. (St. Lawrence), Associate Professor of Health and Physical Education.
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Clifford Hazeldine Osborne, D.D., Associate Professor of Religion. Chaplain.
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Residence, Roberts Union

Kemp Frederick Gillum, Ph.D. (Illinois, Wisconsin), Assistant Professor of History.
Residence, 9 Lawrence Street

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Residence, 14 Park Street

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Residence, 12 Boutelle Avenue

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Residence, 12 North Garand Street

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Residence, Mayflower Hill

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Residence, R.F.D. 1, Belgrade

PHILIP HENRY OSGERG, Ph.D. (Dartmouth, Harvard), Assistant Professor of Geology.
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IRENE MCDONALD MANNING (Mrs. Martin), Ed.M. (Emmanuel, Boston University), Instructor in Shorthand and Typewriting.
Residence, 20 Military Avenue, Fairfield

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Residence, 56 Burleigh Street

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Residence, 27 Edgemont Avenue

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Residence, 272 Main Street

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Residence, Mayflower Hill

KESSEL SCHWARTZ, Ph.D. (University of Missouri, Columbia), Instructor in Modern Languages.
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  Residence, Mayflower Hill

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  Residence, 29 Winter Street

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  Residence, Averill Hall

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  Residence, Mayflower Hill

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  Residence, 20 College Avenue

HENRY HOLLAND, Ph.D. (Maine, Harvard, Madrid), Instructor in Modern Languages.
  Residence, 15 Winter Street

JOHN HOWARD WHITTEMORE, A.M. (Harvard, Columbia), Instructor in Modern Languages.
  Residence, 22 Nash Street

ROBERT FRANCIS BARLOW, A.M. (Colby, Fletcher), Instructor in Economics.
  Residence, 4 Chase Street

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  Residence, 27 Winter Street

ANDREW LEON TRYENS, B.S. (Temple), Instructor in Health and Physical Education.
  Residence, 5 Burleigh Street

DORIS ELLEN MARTIN, B.S. (New York University), Instructor in Health and Physical Education.
  Residence, Mayflower Hill
Committees of the Faculty

1952-53

The first named member of each committee is its chairman.

**Administrative**: President Bixler, Vice-President Eustis, Deans Marriner, Nickerson, Tompkins, Professors Combellack and Strong.

**Athletics**: Professors Brown, Weeks, and Millett.

**Book of the Year**: Professors Combellack, Birge, Ward, Rollins, Gilman, and Mr. Leighton.

**Commencement**: Professors Bishop, Millett, Gordon Smith, Osborne, Roundy; Messrs. Bryan and Carleton Brown; one senior man and one senior woman chosen by their class.

**Convocation**: Professors Osborne, Breckenridge, Carpenter, Chapman, Clark, Combellack, Colgan, Eustis, Fullam, Marriner, Scott, Gordon Smith.

**Curriculum**: Professors Colgan, Weeks, Chapman, Fullam, Clark, Bither, R. Williams, Pinette, Birge, Deans Marriner, Nickerson, Tompkins.

**Engineering Training**: Dean Marriner, Professors Brown, Weeks, Combellack, President Bixler, Vice-President Eustis, and Dean Nickerson.

**Examinations**: Professors McCoy, Koons, Messrs. Lathrop, Stanley, and Sutherland.

**Freshman Week**: Mr. Bryan; Professors Seepe, McCoy, Osborne, Loebis, R. Williams, Deans Nickerson and Tompkins, Misses Sherburne, Nichols, Perkins, and Mr. Jennison.

**Graduate Scholarships**: Dean Marriner, Professors Weber, Scott, McCoy, Gillum.

**Library**: Professors Clark, Carpenter, Norwood, Pullen, Norman Smith, Yamauchi, and Professor Libbey ex officio.

**Medical Preparation**: Professors Weeks, Brown, Scott, Dunham, Deans Marriner, Nickerson, Tompkins.

**Remembrance**: Professors Strong, Osborne, A. Comparetti, D. Smith.

**Rhodes Scholarships**: Professors E. Comparetti, Ward, Benbow.

**Social**: Professors Re, Marchant, Bliss, L. Williams, Gillespie, Mrs. Manning, Messrs. Biron, Jeffery, Schwartz.

**Standing of Students**: Professors Breckenridge, Strong, Koons, Loebis, Deans Marriner, Nickerson, Tompkins, Miss Perkins.
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MANAGER OF COLLEGE BOOK STORE, Millard Everett Trott

*On leave of absence in Armed Forces

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Major Samuel Edwin Corbin, A.B.
Major Elmer Edman O’Berry
1st Lt. Frederick Clarence Dietz, A.B.
M/Sgt. Edward Joseph Cilley
T/Sgt. Philip Oscar Plourde
S/Sgt. Richard Henry Ramsay
S/Sgt. Frederic Maurice Pupier
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Glenda Jay Ambrose, Secretary to Director of Food Service
Miriam Beede, A.B., B.S., Secretary to the President
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Freda Marie Charles (Mrs. Howard), Assistant to the Director of Development
Etta Celeste Ellis, Treasurer’s Office Assistant
Phyllis St. Clair Fraser, (Mrs.) A.B., Assistant to the Alumni Secretary
Ruth Carolyn Gain (Mrs. Joseph), Secretary to the Vice-President
Rebecca Chester Larsen (Mrs.) A.M., Recorder’s Office Assistant
Helen Barbara Knight, Secretary, R.O.T.C. Office
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Malvina Libby (Mrs.), Switchboard Operator
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Juanita Constance Ouellette, Treasurer’s Office Assistant
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Frances Elizabeth Thayer, A.B., Assistant to the Director of Admissions
Georgia Marshall Thayer (Mrs. Jarvis), Secretary to the Dean of Men
Barbara Delphine Vaughan, A.B., Secretary to the Dean of Women
Dorothy Irena Walton, Secretary to the Dean of the Faculty
Andre Roland Warren, Assistant to the Superintendent of Buildings
Elizabeth Eleanor Warren (Mrs.) Secretary, Alumni Office
Joan Catherine Wulfing (Mrs. Robert), Secretary, Admissions Office

LIBRARY STAFF
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Curator of Rare Books and Manuscripts, Carl Jefferson Weber, M.A. (Oxon), D.Litt.
Head Cataloguer, Benton LeRoy Hatch, A.B.
Acting Reference Librarian, Donald Tait Smith, A.M., M.S.
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Richard Cary, Ph.D., Head of Averill Hall
Grace Madeline Frost (Mrs.) House Mother, Zeta Psi Fraternity
Eva Macomber Kyes (Mrs.) A.B., Head of Mary Low Hall
Marian Ingalls Hague (Mrs.) A.B., House Mother T.D.P. Fraternity
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Laura Clement Miner (Mrs.) Head of Woodman Hall
Dorothy Hubbard Sims (Mrs.) A.B., Head of Foss Hall
Elizabeth Augusta Towle (Mrs.) House Mother, D.K.E. Fraternity
Marion D. Whitehead (Mrs.) House Mother D.U. Fraternity
Hazel Rounds Whitmore (Mrs.) House Mother, P.D.T. Fraternity
Hiroshi Yamauchi, Ph.D., Head of Chaplin Hall

DIETARY STAFF
Phyllis Bradford Cushman, B.S., Assistant Dietitian
Relief and Catering Assistant, Inza Taylor Foster (Mrs.)
Esther Alexander Orr, A.S., Assistant Dietitian

MEDICAL STAFF
Physician, Clarence E. Dore, M.D.
Consultant in Surgery, John F. Reynolds, M.D.
Head Nurse, Annie Marie Dunn, R.N.
Nurses:
   Madeline Emma Dunn (Mrs.) R.N.
   Florence Mildred MacDougall, R.N.
   Margaret Evelyn Williams (Mrs. Roland)
### DEGREES AWARDED

#### COMMENCEMENT

**Monday, June 16, 1952**

#### BACHELOR OF ARTS

**Men’s Division**

<table>
<thead>
<tr>
<th>Name</th>
<th>Residence</th>
</tr>
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<tbody>
<tr>
<td>Paul Mosher Aldrich</td>
<td>Lincoln, N. Y.</td>
</tr>
<tr>
<td>Jeremy Jay Amott</td>
<td>Great Neck, N. Y.</td>
</tr>
<tr>
<td>George Archibald Armstrong</td>
<td>Wakefield, Mass.</td>
</tr>
<tr>
<td>Richard Wyman Baldwin</td>
<td>Andover, Mass.</td>
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<tr>
<td>Ira Barricini</td>
<td>Scarsdale, N. Y.</td>
</tr>
<tr>
<td>John Alan Baum</td>
<td>Lawrence, N. Y.</td>
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<tr>
<td>Robert Lucien Bechard</td>
<td>Nashua, N. H.</td>
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<tr>
<td>Robert Charles Benfari</td>
<td>Elmhurst, N. Y.</td>
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<tr>
<td>Hugh Frank Burgess, Jr.</td>
<td>Weymouth, Mass.</td>
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<tr>
<td>John Thomas Carey</td>
<td>Watertown, Mass.</td>
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<tr>
<td>Richard Tozier Chamberlin</td>
<td>Waterville, Mass.</td>
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<tr>
<td>John Loveaire Cook</td>
<td>North Belgrade, N. Y.</td>
</tr>
<tr>
<td>Paul Anthony Cote</td>
<td>Lewiston, Mass.</td>
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<tr>
<td>Richard Singleton Creedon</td>
<td>Southbury, Conn.</td>
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<tr>
<td>David Scott Crocket</td>
<td>Hartford, Conn.</td>
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<tr>
<td>George Howard Crosby</td>
<td>Winslow, Mass.</td>
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<tr>
<td>Richard Mahlon Crummett</td>
<td>Waterville, Mass.</td>
</tr>
<tr>
<td>Charles Preston Curtis</td>
<td>West Hartford, Conn.</td>
</tr>
<tr>
<td>William Franklin Cushman</td>
<td>White Plains, N. Y.</td>
</tr>
<tr>
<td>Austin Murray Deane</td>
<td>Guilford, Conn.</td>
</tr>
<tr>
<td>Joseph Octave Denis, Jr.</td>
<td>Waterville, Mass.</td>
</tr>
<tr>
<td>John Herbruck Deuble</td>
<td>Orange, N. J.</td>
</tr>
<tr>
<td>John Edward Douglass</td>
<td>Jackson Heights, N. Y.</td>
</tr>
<tr>
<td>Raymond Clay Evans, Jr.</td>
<td>South Weymouth, Mass.</td>
</tr>
<tr>
<td>David Linwood Farrington</td>
<td>Chelmsford, Mass.</td>
</tr>
<tr>
<td>Daniel Walrod Fenner</td>
<td>Skowhegan, Maine</td>
</tr>
<tr>
<td>George William Fraser</td>
<td>Bar Harbor, Maine</td>
</tr>
<tr>
<td>Howard Henry Gaskill</td>
<td>South Weymouth, Mass.</td>
</tr>
<tr>
<td>Harold Berton Grandberg</td>
<td>Boston, Mass.</td>
</tr>
<tr>
<td>Raymond Stevens Grant, Jr.</td>
<td>Westfield, N. J.</td>
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<tr>
<td>Everett Flaig Gross</td>
<td>Garden City, N. Y.</td>
</tr>
<tr>
<td>James Frederick Gruninger</td>
<td>West Hartford, Conn.</td>
</tr>
<tr>
<td>Mortimer Martin Guiney, Jr.</td>
<td>Waban, Mass.</td>
</tr>
</tbody>
</table>
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Donald Gerard Hailer
Anthony Francis Hall
Walter Pickard Hayes
William Wesley Hays, Jr.
William Warner Hennig
Hugh Darwin Hexamer
William Alvin Hill
Gerald Jay Holtz
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Waterville
Waterville
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Auburndale, Mass.
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Waterville
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Norway
Cranston, R. I.
Bangor
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Edmund Pecukonis  
Graham Towle Pierce  
Stanley Pike  
Paul Arthur Plasse  
Lionel Joseph Poliquin  
Kemp Moulton Pottle  
Gerald Richard Ramin  
John Joseph Ratoff  
Moir Alexander Rennie  
David Sumner Robinson, Jr.  
Alfred James Rosborough, Jr.  
Robert Michael Ryley  
Howard Burton Sacks  
David Saltzman  
Benjamin Robinson Sears  
Gerald Samuel Seskin  
Leon Philip Shaw  
Walter Shmavon  
Donald Cameron Silverman  
Herbert Simon  
Robert Elmer Spaulding  
Oliver James Sproul  
Robert Lewis Stevens  
Ward Frost Stevens, Jr.  
Richard Grenville Streich  
John Wentworth Strong  
Daniel Joseph Sullivan  
Richard Yelle Sutton  
Robert Lewis Swain  
William Norman Taylor  
George Fred Terry, III  
Joseph Henry Unobskey  
Richard Verrengia  
John Warren Waalewyn  
Russell Emery Wallace  
Arthur William White  
George Wigglesworth Whitney  
Irwin Winer  
Floyd Celand Witham  
Arthur Warren Wyman

Dover-Foxcroft  
Lynn, Mass.  
Springfield, Mass.  
Gorham  
Whitman, Mass.  
Waterville  
Lee  
Brookline, Mass.  
Nashua, N. H.  
Glens Falls, N. Y.  
Cambridge, Mass.  
Birmingham, Mich.  
Uxbridge, Mass.  
Chestnut Hill, Mass.  
Brooklyn, N. Y.  
Newtonville, Mass.  
Chestnut Hill, Mass.  
Bridgton  
Haverhill, Mass.  
New York, N. Y.  
Mechanic Falls  
Winslow  
Fairfield  
Avon, Conn.  
Buffalo, N. Y.  
Waterville  
Lawrence, Mass.  
West Newton, Mass.  
Swampscott, Mass.  
Newport, R. I.  
Waterville  
Calais  
Malden, Mass.  
Houlton  
Westfield, Mass.  
Reading, Mass.  
Milton, Mass.  
Beverly, Mass.  
Dixfield  
Manchester, N. H.

Women’s Division

Alice Joan Acheson  
Greta Evelina Anthoensen  
Marjorie Anne Austin  
Beverly Ann Baker  
Norma Ann Berquist

Augusta  
Portland  
Yonkers, N. Y.  
Malden, Mass.  
Winchester, Mass.
Margaret Joan Blagys  
Jean Fay Blumenthal  
Barbara Jane Bone  
Jean Ellen Brewer  
Betty May Brown  
Margaret Anne Brown  
Deborah Brush  
Susan Jayne Campbell  
Edith Ann Carpenter  
Laura Barbara Cheeseman  
Elin Marie Christenson  
Lois-Marie Cook  
Nancy Copeland  
Marilyn Crane  
Beverly Ruth Cushman  
Dale Anne Dacier  
Beverly Ann Joyce Deschenes  
Joan Lillian Drew  
Jeanne Elizabeth D'Wolf  
Elaine Eva Erskine  
Patricia Erskine  
Anne Virginia Fairbanks  
Nancy Ann Ferguson  
Georgia Elizabeth Fisher  
Beverly Irene Forgey  
Barbara Lillian Gifford  
Elizabeth Joan Greer  
Nita Hale  
Jeanne Lucille Hallee  
Barbara Eilene Hamlin  
Ann Hawkes  
Janet Roberta Hewins  
Joan Sargent Hill  
Louise Grant Hodge  
Nancy Chilton Hughes  
Jean Ann Huntington  
Sally Jackson  
Elizabeth Ann Jacobs  
Joan Kelby  
Vera Kozlowski  
Joan Gridley Leach  
Priscilla Caswell Leach  
Elaine Ruth Lehtonen  
Carol Joan Leonard  
Janet Stevens Leslie  
Elizabeth Lura Levardson  
Ellen Ann Lewis  
Elizabeth Helen Livingstone  

Bridgeport, Conn.  
Portland  
West Roxbury, Mass.  
Manchester, Conn.  
Claremont, N. H.  
Lexington, Mass.  
Newton Center, Mass.  
Buffalo, N. Y.  
Lisbon, Ohio  
Winthrop, Mass.  
Woburn, Mass.  
Limestone  
Fitchburg, Mass.  
Wollaston, Mass.  
Caribou  
Brookline, Mass.  
East Jaffrey, N. H.  
Arlington, Mass.  
White Plains, N. Y.  
Waterville  
Waterville  
Natick, Mass.  
Wollaston, Mass.  
Morrisville, Pa.  
Melrose, Mass.  
Reading, Mass.  
White Plains, N. Y.  
Millinocket  
Waterville  
South Portland  
Augusta  
Rochester, N. Y.  
Waterville  
Scarsdale, N. Y.  
Stillwater, N. Y.  
Fitchburg, Mass.  
Winchester, Mass.  
Gardiner  
White Plains, N. Y.  
Mt. Vernon, N. Y.  
Waterville  
Framingham, Mass.  
East Braintree, Mass.  
Dover, N. H.  
Methuen, Mass.  
Ridgewood, N. J.  
Jamaica Plain, Mass.  
Nancy Alice MacDonald
Anne Maureen Magee
Kathleen Laura Markham
Joan Carol Martin
Barbara Jane Mellin
Patricia Louise Merrill
Edna Mae Miller
Nancy Nelson
Nancy Elizabeth Newman
Patricia Doris Omark
Anne Osborne
Katharine Ocott Parker
Janice Claire Pearson
Joanne Peirce
Margaret Donovan Pierce
Anne Christie Plowman
Sylvia Lois Rice
Joyce Alice Root
Ann Frances Rossiter
Marjorie Russell
Ann Elizabeth Ryan
Diane Barbara Sargent
Mary Fish Sargent
Barbara Ann Scott
Evangeline Sferes
Elizabeth Shaw
Sally Nash Shaw
Elizabeth Jane Smart
Carol Sue Smith
Jean Carol Smith
Carolyn Joan Stigman
Carol Alta Thacker
Anne Elizabeth Thompson
Dorothy Mildred Thurber
Arlene Tobey
Barbara Delphine Vaughan
Janice Ruth Vaughan
Evelyn Lucille Walker
Joyce Geraldine Wallace
Dorothy Jean Washburn
Ruth Eleanor Watt
Anne Barbara Weare
Suzanne Webster
Barbara Celeste Wentworth
Jean Paula Whitcomb
Caroline Stearns Wilkins
Carolyn Elizabeth Williams

North Quincy, Mass.
Manville, R. I.
Glen Cove
Westfield, N. J.
Melrose, Mass.
Newton Center, Mass.
Mt. Vernon, N. Y.
Scarsdale, N. Y.
Swampscott, Mass.
Manchester, Conn.
Glen Rock, N. J.
Charlemont, Mass.
Waban, Mass.
Waltham, Mass.
Whitesboro, N. Y.
Portland
Needham, Mass.
Mt. Carmel, Conn.
Bayville, N. Y.
Plymouth, Mass.
Bristol, Conn.
Arlington Heights, Ill.
Passaic, N. J.
Palmer, Mass.
South Windham
Milton, Mass.
Bayside, N. Y.
Mt. Lakes, N. J.
Newtonville, Mass.
Westbrook
Needham, Mass.
Nashua, N. H.
Uncasville, Conn.
Hampton, N. H.
Gorham
Laconia, N. H.
Westbrook
Monument Beach, Mass.
New York, N. Y.
Holyoke, Mass.
Great Neck, N. Y.
Westboro, Mass.
Belfast
Chester, Vt.
Medfield, Mass.
Westfield, N. J.
HONORS IN GENERAL SCHOLARSHIP

MAGNA CUM LAUDE

Janice Ruth Vaughan
Daniel Walrod Fenner
Joanne Peirce
Margaret Joan Blagys

CUM LAUDE

Robert Lewis Stevens
Marjorie Anne Austin
Evelyn Lucille Walker
Barbara Eilene Hamlin
Margaret Donovan Pierce
Ellen Ann Lewis
Melvin Lyon
Nancy Nelson
Jean Ellen Brewer
Robert Lawrence Hooper
Beverly Ann Joyce Deschenes
Donald Cameron Silverman

DISTINCTION IN COURSE

IN BUSINESS ADMINISTRATION
Austin Murray Deane
Graham Towle Pierce
Raymond Francis Keyes

IN CHEMISTRY
David Linwood Farrington

IN ENGLISH
Nancy Ann Ferguson
Barbara Celeste Wentworth

IN HISTORY
John Loveaire Cook

IN HISTORY—GOVERNMENT—ECONOMICS
Janet Roberta Hewins
Joan Gridley Leach

HONORARY DEGREES

MASTER OF ARTS
Vivian Milner Akers
Neal Dow Bousfield

MASTER OF SCIENCE
Seth Ginery Twichell

DOCTOR OF DIVINITY
Wallace Forgey

DOCTOR OF HUMANE LETTERS
Lester Weldon Nelson

DOCTOR OF LAWS
Paul Herman Buck
Harvey Doane Eaton
Ralph Johnson Bunche
COLBY COLLEGE

DEGREES AWARDED
October 1, 1952

BACHELOR OF ARTS

Men's Division

Alan Goddard Davis
Robert Angus Stander
Richard Baldwin Tupper
Frederick William Ziegler

Women's Division

Harriet Robbins Clouter
Elizabeth Jane Kistler
Madelyn Lois Wechsler

Westbrook
Scarsdale, N. Y.
Cape Cottage
Columbus, O.

W. Roxbury, Mass.
W. Boylston, Mass.
Manhasset, N. Y.
THE STUDENTS

MEN'S DIVISION

Abedon, Richard L., 545 Wayland Ave., Providence, R. I.
Abrams, Stanley B., 79 Overhill Rd., Providence, R. I.
Adams, Herbert R., West Scarborough
Adams, Robert S., Owl's Head
Adel, Robert E., 77-51 78th St., Glendale 27, N. Y.
Alfano, Gildo T., 32 Edward Ave., Milton 86, Mass.
Alley, Brian L., 12 West St., Waterville
Alpert, Hershel L., 16 Priscilla St., New Bedford, Mass.
Alpert, Joseph R., 97 Union St., Brewer
Ames, William C., 10 Jewett St., Northampton, Mass.
 Andersen, Dana W., 13 Grove St., Salem, Mass.
Anderson, Charles R., 14 Lafield St., Dorchester, Mass.
Anderson, Hugh F., 1120 State St., New Haven, Conn.
Anderson, Reginald D., 51 North St., Grafton, Mass.
Anderson, Robert M., Hollis St., Groton, Mass.
Anderson, Webster, 23 Bellevue Ave., Cambridge 40, Mass.
Andrew, Robert S., 15 Vista Ave., Reading, Mass.
Appelbaum, Paul, 2714 Ave. M., Brooklyn 10, N. Y.
Arnold Joseph R., 20 Highland Ave., Saylesville, R. I.
Ashbaugh, William H., 18 Greenacres Ave., Scarsdale, N. Y.
Ashman, Frederick G., Paved St., R. F. D. No. 2, Branford, Conn.
Atkins, Clarence, 76 Beech St., Norwood, Mass.
Auger, Charles J., 19 Valley St. Ext., Willimantic, Conn.
Bagnall, Frederick C., 49 Elm St., Houlton
Barnes, Charles P., 32 Terrace Ave., Albany 3, N. Y.
Barnes, Forrest W., 31 Pleasant St., Houlton
Barnes, P. Putnam, 2111 E. Genesee St., Syracuse, N. Y.
Barry, George F., 8 Auburn Rd., West Hartford, Conn.
Bartlett, Francis F., Jr., 335 Main St., Waterville
Bartlett, Richard W., 1 Story Terr., Marblehead, Mass.
Bartlett, William M., 175 Linden St., New Haven, Conn.
Bazer, George E., 7 Wave Ave., Revere, Mass.
Bean, Robert H., 14 Highland Ave., Augusta
Bear, Ross M., 81 Fox Blvd., Merrick, N. Y.
Beckett, Donald W., 26 Church St., Calais
Begin, Robert J., 7 Gray Ave., Waterville
Bell, Craig T., 6 Quincy Park, Beverly, Mass.

1In attendance first semester, only.

145
Bellows, Stuart J., E. Mountain Rd., Belle Mead, N. J.
Belzer, Folkert O., 13 Teylingerhorstlaan, Wassenaar, Holland
Berluti, Adam F., 148 Campbell Ave., West Haven, Conn.
Bernard, James E., 268 Westbrook St., So. Portland
Berry, Dean A., Fort Couch Rd., R. D. 9, Pittsburgh 34, Pa.
Bersani, Quintilio, Welch St., Norridgewock
Beveridge, John N., 167 Putnam St., Quincy, Mass.
Bickford, Robert D., Waterville Rd., Oakland
Billington, Raymond J., 1252 Globe St., Fall River, Mass.
'Bishop, Donald S., Albans
'Black, Charles O., 7 Grandview Ave., Saylesville, R. I.
Blakelock, Robert E., 57 Foster Rd., Belmont, Mass.
'Boehm, Charles G., 3405 Greenway, Baltimore, Md.
Bogren, Peter A., 55 West Plain St., Cochituate, Mass.
Boice, George D., 283 Nassau St., Princeton, N. J.
Boole, Barkev J., 237 Franklin St., Newton, Mass.
Bourgon, Henry R., 7 Thomas St., Bucksport
'Bradshaw, F. Bruce, 464 Hampshire Rd., Akron, Ohio
Breton, Roland J., 127 Kennebec St., Waterville
'Brophy, Milton S., Unity
Brown, Frederick R., 36 Wildwood Rd., Scarsdale, N. Y.
Brown, Theodore L., R. F. D. No. 5, Portland
Brownson, Leonard E., III, Box 66, Havana, Cuba
'Bruce, Joseph A., Box 104, Monson
Bruehl, A. Martin, 225 5th Ave., Huntington, N. Y.
Bruns, Robert A., 165 Slocum Crescent, Forest Hills, N. Y.
Bryan, Joseph S., 47 Nichol St., So. Paris
Bullock, H. Ridgely, Dodds Lane, Ardmore, Pa.
Buonomo, Donald G., Stevens Lane, White Plains, N. Y.

Call, Mitchell N., Lake Side Road, Knowlton, Quebec, Can.
Campbell, Fred E., 99-53 74th Ave., Forest Hills, N. Y.
Caouette, Emile A., 46 Winter St., Skowhegan
Carlson, Harry, Jr., 5 Mt. Tom Rd., Pelham Manor, N. Y.
Carlson, Roger H., 60 Undercliff Rd., Montclair, N. J.
Carr, Robert A., 333 Main St., Waterville
'Carson, Harold E., 44 Commercial St., Hartland
Cartier, Urbain G., 53 Pike St., Biddeford
Carver, Robert L., 7 King Circle, Cranston 9, R. I.
Castonguay, A. Kenneth, 11 North Garand St., Winslow
Chahbazi, Parviz, Shahreza, Iranshahr Ave., Namazi St., Teheran, Iran
Chaloult, Douglas P., 17 Coolidge Ave., Caribou

1In attendance first semester, only.
2In attendance second semester, only.
Christie, James P., Jr., 61 Tremont St., Hartford, Conn.
Christie, Lindon E., Jr., 290 Central St., E. Bridgewater, Mass.
Christie, Paul W., 260 Central St., E. Bridgewater, Mass.
Clapp, Alfred C., Jr., 244 So. Mountain Ave., Montclair, N. J.
Clark, Samuel, III, Fairfield St., Oakland
Clark, William C., 125 Adams St., No. Abington, Mass.
Cobb, Carl M., 1201 Valley Ave. S. E., Washington, D. C.
Cobban, James B., 266 West End Ave., New York, N. Y.
Cohen, Henry L., 35 Easton Ave., White Plains, N. Y.
Cowen, Thaddeus M., Godfrey Rd., Weston, Conn.
Cowperthwaite, Gerald B., Winthrop
Crosby, Warren D., 172 Main Ave., Farmingdale
Cross, Harold D., Belle Plains, Kans.
Cross, Justin A., 17 Lindsey St., Rockland
Cross, Robert B., Lexington Ave., North Dartmouth, Mass.
Cuccuro, Ralph A., 1045 Campbell Ave., West Haven, Conn.
Cummings, Arthur R., Jr., 15 Madison Ave., North Anson
Cushing, Samuel D., Mill Lane, Stamford, Conn.
Cyr, Henry G., 4 Heath St., Waterville
Dal Pozzo!, Peter B., 104 Irving Ave., Torrington, Conn.
Dare, Norman B., Trinity Church Rectory, Brooklyn, Conn.
Davis, Richard J., 153 Columbia Ave., Cranston 5, R. I.
Davis, Thomas P., North St., Ellsworth Falls
Delaney, John A., 71 Winnebago Rd., Yonkers, N. Y.
de Luna, George C., 154 Hampton Rd., Garden City, N. Y.
De Rocher, Robert F., R. F. D. No. 1, Waterville
Desveaux, Theodore W., 133 Penobscot St., Rumford
Dinnerman, George P., 136 Bragaw Ave., Newark, N. J.
Dionne, Louis E., 19 Osborne St., Fairfield
Dionne, Paul H., 5 Morgan St., Nashua, N. H.
Dornish, Karl, Jr., 105 Farmington Ave., Plainville, Conn.
Dostie, Francis A., 14 Water St., Fairfield
Doughty, Stanley A., West Paris
Douglas, Laurence S., 17 Davenport St., Augusta
Dow, Robert A., 35 Carlisle St., Springfield, 9, Mass.
Downing, Darroll M., 45 Purchase St., Danvers, Mass.

\*In attendance first semester, only.\*
Downing, Paul C., 137 State St., Saratoga Springs, N. Y.
Duce, Benjamin R., Vine St., Damariscotta
Ducharme, Edward R., 22 Edgewood St., Waterville
Ducharme, Raymond A., 22 Edgewood St., Waterville
Dulaney, John S., 193 Brimfield Rd., Wethersfield, Conn.
Dunbar, Donald M., 983 Centre St., Newton Centre, Mass.
Dunn, David, 106 Gibbs St., Newton Centre 59, Mass.
Dunn, Frank B., 9 Park St., Houlton
Durrell, David O., 123 Underhill Rd., Scarsdale, N. Y.
Dutton, John A., 361 Cherry St., West Newton, Mass.
Easa, Jaghab, Jr., 269 Lindberg St., West Hempstead, N. Y.
Eddy, C. Arthur, 337 Elm St., Gardner, Mass.
Efroymson, Alan S., 3052 Woodbury Rd., Shaker Heights 20, O.
Eisen, Edwin R., 200 E. 18th St., Brooklyn 26, N. Y.
Eldering, John D., 11 Haslett Ave., Princeton, N. J.
Ellinwood, George W., 39 Catlin Ave., Rumford, R. I.
Elliot, Richard, 33 Bailey St., Worcester 2, Mass.
Erb, Robert C., Jr., 17 Chester St., Nashua, N. H.
Erickson, John F., 40 Conant St., Danvers, Mass.
Fain, Barnet, 526 Cole Ave., Providence, R. I.
Fairfield, Thomas H., 18 Chestnut Pl., Short Hills, N. J.
Farbish, Joel, 26 Prescott Ave., Chelsea, Mass.
Farr, Sidney W., So. Orrington
Faulkner, John R., 59 Franklin Ave., Houlton
Ferguson, Scott D., 7 Norway St., Boston, Mass.
Fernandez, Leon E., 322 Main St., Winchester, Mass.
Ferraguzzi, Louis E., 74 Hyatt Ave., Yonkers, N. Y.
Ferrara, Vincent J., 61-18 159th St., Flushing 65, N. Y.
Field, Alvan, 18 Burleigh St., Waterville
Finn, Thomas F., 48 Pond St., Tewksbury, Mass.
Fishbin, Peter D., 86-75 Midland Pkwy., Jamaica Estates 3, N. Y.
Fischer, Robert C., 183 Wildacre Ave., Lawrence, N. Y.
Fitzgibbon, William F., 40 Columbus Ave., Holyoke, Mass.
Flick, Ernest W., Thorndike
Ford, Thomas C., 16606 Wildemere, Detroit 21, Mich.
Fornaciari, Richard E., 8 Cove Ave., Framingham, Mass.
Foster, Jefferson S., 29 Adelbert St., So. Portland
Foster, Walter S., Friendship
Foyer, Stuart J., 2535 Saybrook Rd., University Heights, O.
Fraktman, Edwin E., 11 Read Ct., Newton, Mass.
Francis, Ronald D., 79 High St., Fairfield
\(^1\)In attendance first semester, only.
\(^2\)In attendance second semester, only.
Fraser, Robert C., 64 Edgewater Rd., Hull, Mass.
French, Peter A., 178 Maine Ave., Millinocket
French, Peter E., 46 Sunset Ave., Amherst, Mass.
Furlong, Howard A., 41 Brookfield Dr., East Hartford, Conn.
Gammon, Edwin L., 64 Gary St., South Paris
Ganem, William L., 3 King's Beach Terr., Swampscott, Mass.
Gerry, Donald D., 221 Massachusetts Ave., Arlington, Mass.
Gesner, Kenneth R., 325 E. Ridgewood Ave., Ridgewood, N. J.
Gordon, Robert L., 80 Washington St., Newport, R. I.
Gould, Norman P., 41 High St., Fairfield
Goyette, Arthur B., 40 Horne St., Berlin, N. H.
Grant, Norman A., 95 Park St., Rockland
Greene, Abbott O., Columbia
Greene, Ainsworth M., 15 Ten Acre Lane, W. Hartford, Conn.
Grindle, Robert E., 136 Franklin St., Bucksport
Gropper, Lee, Mt. Airy Rd., Croton-on-Hudson, N. Y.
Grout, Cornell M., Peter Bont Rd., Irvington-on-Hudson, N. Y.
Haggett, William E., 43 York St., Bath
Ham, Chester R., 8 London Rd., Lynnfield Center, Mass.
Hanford, Starling L., 1616 Hawthorn Pk., Columbus, O.
Hargrave, Robert T., 124 Beckwith Terr., Rochester, N. Y.
Harlor, Douglas M., 2859 Powell Ave., Columbus, O.
Harriman, Edward N., Jr., 67 Maple St., Needham, Mass.
Hartford, Robert E., 1182 Congress St., Portland
Harvey, David W. H., 5 Ferncliff Rd., Scarsdale, N. Y.
Haskell, George E., 795 East St., Dedham, Mass.
Hatch, Charles E., 12 Burnside Rd., Newton Highlands, Mass.
Hatch, John W., 300 Sunnysolome Dr., Fairfield, Conn.
Hawes, Richard M., 42 Wordsworth St., Portland
Hawkins, Robert H., 141 Orchard St., White Plains, N. Y.
Herbert, John G., Route 6, Augusta
Herlihy, Timothy M., 10 Broad St., Waterville
Hermes, Louis A., 325 East 41st St., New York, N. Y.
Hines, Robert N., 47 Rosedale Rd., West Hartford 7, Conn.
Hoagland, Donald L., 169 Lincoln Ave., Elizabeth, N. J.

1In attendance first semester, only.
2In attendance second semester, only.
Hobart, George R., Box 152, Bellows Hill Rd., Carlisle, Mass.
Hobbs, Harville E., Box 23, Hope
Hodgkins, Norman S., 457 Delaware Ave., Delmar, N. Y.
Holt, Ross S., Clinton
Honsberger, Karl, Scarborough Rd., Briarcliff, N. Y.
Howe, Robert K., 65 College St., Montpelier, Vt.
Hudson, Robert F., 35 Dawson Ave., West Haven, Conn.
Huebsch, Roger M., 4140 Carpenter Ave., New York 66, N. Y.
Hughes, John P. M., 73 Roosevelt Ave., Waterville
Hunt, Thomas A., 175 Park St., New Canaan, Conn.
Huntress, Franklin E., 1 Elmwood Rd., Marblehead, Mass.
Hussey, Philip W., Jr., Elm St., N. Berwick
Ives, Frederick M., III, 2 Wolcott Terr., Winchester, Mass.
Jabar, Anthony, 12 Head of Falls, Waterville
Jacobs, John B., 936 Broadway, So. Portland
Jacobs, Robert T., 936 Broadway, So. Portland
Jamieson, James R., Pleasant St., Hartland
Jenkins, George O., III, 237 Summer St., Bridgewater, Mass.
Johnson, Andrew T., Jr., Box 52, Woodstock, Conn.
Johnson, Clifford H., 27 Freeman Ave., Everett, Mass.
Johnson, Robert S., 6 Forest Lane, Scarsdale, N. Y.
Johnson, Warren R., 18 Deering St., Portland
Johnston, John D., Birch Rd., Westport, Conn.
Jones, Aubrey E., 185 Merriam St., Weston, Mass.
Joseph, Alfred M., 1 Middle St., Waterville
Joseph, Paul M., 3 Middle St., Waterville
Jubinsky, John, 330 Hudson St., Jermyn, Pa.
Judson, Cyrus F., 21 Euclid Ave., Hastings-on-Hudson, N. Y.
Kaufman, Stephen M., 67 Nahant St., Lynn, Mass.
Keay, Gilbert A., Wilton
Keech, Herbert R., 888 Rock St., Fall River, Mass.
Keef, Aubrey C., High St., Vanceboro
Keene, Gordon E., 8 Main St., Clinton
Kellogg, Chever L., 26 Turnstall Rd., Scarsdale, N. Y.
Kiernan, Francis R., 37-25 81st St., Jackson Heights, N. Y.
Kilmister, Philip M., 76 Washington St., Concord, N. H.
Kimball, Arthur O., 66 Western Ave., Waterville
Kimmett, David J., 33 Second St., Pawtucket, R. I.

1In attendance first semester, only.
2In attendance second semester, only.
THE STUDENTS

King, Franklin, III, Williamsburg, Mass.
Kinsman, Warren R., 56 Winthrop St., Augusta
Kirkpatrick, Francis E., 602 Chestnut St., Meadville, Pa.
Klein, Arthur A., 33-30 87th St., Jackson Heights, N. Y.
Klinzman, Carl A., 64 Winslow Ave., Norwood, Mass.
Krieger, S. Peter, 777 Ocean Avenue, New London, Conn.
Krusell, John D., 19 Gilbert St., North Brookfield, Mass.
Kupersmith, Donald C., 54 Avondale Rd., Newton Centre, Mass.

LaDetto, Victor J., 564 Slocum Rd., North Dartmouth, Mass.
Laliberte, Bernard A., 53 Silver St., Waterville
Landau, Allan J., 28 Whitman St., Dorchester, Mass.
Languet, Albert J., Jr., 2 Wyman St., Waterville
LaPlante, Ovila J., R. F. D. No. 1, Waterville
LaPointe, Laurence A., 30 Knapp St., Livermore Falls
Laraba, Peter H., Box 13, Wells Beach
Large, Norwin W., 63 Ocean St., Lynn, Mass.
Larson, Lee M., 1064 Chester Park Dr., Duluth 5, Minn.
Lasbury, R. Chase, Vets. Apt. 12-B, Colby College, Waterville
Lathe, Frank A., Jr., 398 Water St., Hallowell
Lavin, David E., 3 Bethel Rd., Scarsdale, N. Y.
Lee, John Huai-tsu, 11 Fei Lung Ch'iao, Peiping, China
Leerburger, Benedict A., 26 Rugby Lane, Scarsdale, N. Y.
Leonard, Robert C., 145 Silver St., Dover, N. H.
Lessard, Norman J., 9 Pleasant St., Waterville
Levow, Barry, 141 East 56th St., Apt. 9-J, New York, N. Y.
Levy, Sevy, Lelezar, Behar St., Teheran, Iran
Libbey, Maurice C., 45 Winter St., Waterville
Lincoln, David A., 457 June St., Fall River, Mass.
Lindsay, Alan R., 327 Wareham St., Middleboro, Mass.
Little, Clarence W., III, 201 Roycroft Blvd., Snyder 21, N. Y.
Littlefield, Paul A., 26 Wilson St., Hartsdale, N. Y.
Longbottom, Robert E., 411 Main St., North Andover, Mass.
Lowery, Peter S., 10 Teague St., Caribou
Lunder, Peter H., 76 Kenilworth St., Newton, Mass.
Lundin, Albert R., 6 Drowne Pkwy., Rumford, R. I.
Lycette, Paul W., 4 Military St., Houlton

1In attendance first semester, only.
2In attendance second semester, only.
McAuliffe, Robert E., 841 High St., Hanson, Mass.
McClay, Paul F., 13 Pleasant Pl., Waterville
McComb, David B., 42 Elwood Rd., Manchester, Conn.
McCroary, James T., Winthrop
McCulloch, Eugene F., Jr., 324 Greendale Ave., Needham, Mass.
MacDonald, Hugh J., 28 Thayer Rd., Belmont, Mass.
McDonald, William H., Jr., 547 East St., Dedham, Mass.
McHenry, Robert C., 14 Rose Ct., Providence, R. I.
McKeage, Richard E., Franklin Hosp., Franklin, N. H.
McKeith, David S., R. F. D. No. 2, Peterborough, N. H.
McLoon, William N., 111 Beech St., Rockland
McRoy, Bruce E., 26 Hampton Ct., Rockville Centre, N. Y.
McRoy, Robert E., 26 Hampton Ct., Rockville Centre, N. Y.
Macklin, John E., Norridgewock
Maconber, Charles W., 11 School St., Augusta
'Malouf, Shibly Daibes, Jr., 43 McLean St., So. Portland
Manus, Michael E., 4 So. Spring St., Concord, N. H.
Marchand, Arthur, 1310 Riverside Avenue, Somerset, Mass.
Margolis, Theodore M., 22 Heather St., Beverly, Mass.
'Maroon, Charles S., 12 Hathaway St., Waterville
Marshall, Arthur C., 293 Pleasant St., Oakland
Marshall, John C., 36 Plainfield St., Waban, Mass.
Marshall, Paul A., 23 Edwards St., Waterville
Martin, Donald K., 20 Highland Ave., Haverhill, Mass.
Masterman, Everett L., Stockford Ave., Wilton
Mathieu, Maurice D., 5 Boston Ave., Winslow
'Mavroyanis, Basil P., 13 Moustoxidon St., Athens, Greece
Maxwell, Raymond L., 700 Salem Ave., Elizabeth, N. J.
Megquier, John H., 200 Baxter Blvd., Portland
Meinhold, Harry S., Greenswood, Purdys, N. Y.
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Miller, Donald F., 36 Beach Rd., Gloucester, Mass.
Miller, Nathan R., 6 Coolidge Ave., Caribou
Montpelier, Lewis C., 23 Tucker St., Norway
Moorhouse, Frederick M., 20 Fordson Ave., Cranston 10, R. I.
Moore, Donald T., Schenectady Ave., North Babylon, N. Y.
Morgan, Julian, II, 38 Norris St., Hamden, Conn.
Morin, David L., 19 Bellevue St., Waterville
Morse, Joseph B., Jr., Westward Rd., Woodbridge, Conn.
Mowatt, Alan Leroy, 19 Davis St., Dover-Foxcroft
'Murphy, Joseph A., North St., North Reading, Mass.
Murray, Douglas E., 188 Bedford Rd., Chappaqua, N. Y.
1In attendance first semester, only.
In attendance second semester, only.
THE STUDENTS

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Nelms, Colin C., 59 West 88th St., New York, N. Y.
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