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WATERVILLE, MAINE

COLBY COLLEGE
BULLETIN



Annual Catalog Issue
May, 1949

Waterville, Maine

Colby
100
1949-50

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 issues of the Freshman Catalog and the Colby Gray Book.

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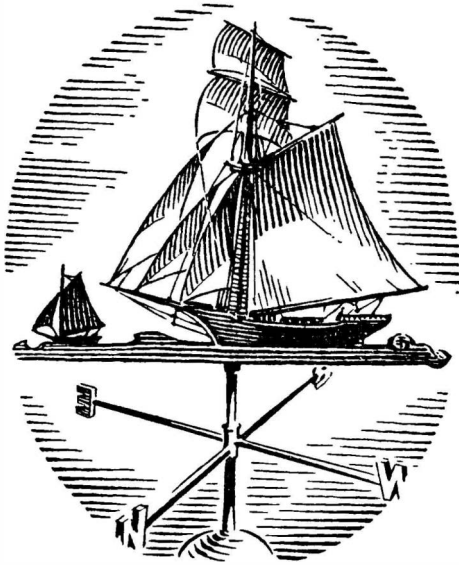
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GENERAL INFORMATION



Forever sailing into the wind atop the Miller Library, the sloop *Hero* commemorates the courage and faith of Colby's first president and the little band of students who sailed in this craft from Boston to establish a new college in Maine a century and a quarter ago.

- GENERAL STATEMENT
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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 and no graduate courses.

Enrollment: 600 men, 400 women. Faculty: 81

Endowment: \$4,000,000. Library: 130,000 volumes

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

Location: Waterville, Kennebec County, Maine.

Population, 18,000. Industries: Textiles, Paper. Junction point on Maine Central R.R.; regular stop for all express trains, Boston to Bangor. Airport with service of Northeast Air Lines. On U.S. Highway 201. Distance: from Portland, 80 miles; from Boston, 200 miles; from New York, 400 miles.

OBJECTIVES

According to the best authorities, the "liberal" arts are those worthy of a free man. Colby is a college of liberal arts in the sense that it tries to provide an education worthy of the man or woman who is free from the narrowing effects of provincialism and prejudice. It is dedicated without reservation to the aims of unrestricted inquiry and to the task of seeking the truth wherever it may be found. Realizing, however, that academic freedom from partisanship has too often served as an excuse for evading the responsibilities of action, those who administer the college have made a definite effort to provide the proper balance between the detachment of library and laboratory on the one hand, and on the other the decisive commitment that personal and social issues alike require.

The liberal arts college must reach out after truth for its own sake, since to seek it for any other purpose is to miss it. At the same time, the truth as men experience it is never completely detached, but appears always in a context where ends that are "practical" and "useful" play an important part. Colby College attempts to recognize this double aspect of the academic life by graduating students who, in Professor Whitehead's phrase, both know something well and can do something well.

Into the curriculum itself the faculty has not hesitated to introduce certain subjects commonly labelled "vocational." Students at Colby may prepare for careers such as business, medicine, law, theology, government service, teaching, nursing, medical technology and social welfare. These courses have been adopted in the belief that the distinction between "liberal" and "vocational" actually has less to do with subject matter than with methods of instruction. A course is "liberal" when the teaching is such as to free the mind from prejudice, to point out the relation of the material in hand to the larger background of learning, and to stimulate further inquiry.

Instruction at Colby is organized in five principal divisions: Languages, Literature and the Fine Arts, concerned primarily

with acquainting the student with skills in expression and in the appreciative disciplines; Social Studies, in which the teaching is devoted to consideration of the problems of social environment and of man and his values; Sciences, the mission of which is to familiarize the students not only with the scientific method, but with scientific progress as a great international enterprise; Health and Physical Education, a division devoted to nurturing and conserving physical vitality as a guaranty of eager, interested learning; Nursing and Medical Technology, directed to developing in its students a mastery of vocational skills combined with a cultural background and humanitarian viewpoint.

LECTURES

One outstanding type of educational opportunity outside the classrooms is found in the visits of notable scholars, lecturers and artists to Colby each year. The Averill Lecture Series is unique in that it brings to the campus men of renowned scholarship not merely for a lecture, but for a visit of two or more days during which the students and faculty in his field of learning have the privilege of meeting and talking with him informally. These lectures are held on an average of once a month. The Gabrielson series of lectures in government provides one lecture a week during the second semester by a person prominent in public life.

MUSIC

The Colby-Community Symphony Orchestra, composed of students and townspeople, under the direction of Dr. Ermanno Comparetti of the college faculty, gives at least two concerts a year. The Glee Club, under Mr. John White Thomas, offers a rewarding experience for those who seriously enjoy vocal music. The educational value of these activities is recognized by the granting of academic credits to those who participate regularly after the first year's trial period.

What was formerly the Colby Concert Series has now become a community enterprise and brings to Waterville each year a series of enjoyable musical events.

RELIGION

Throughout the century and a quarter of its history Colby has been a Christian college maintaining and cherishing its religious heritage. It was founded under Baptist auspices, and throughout the decades the College has received much of its leadership and support from the Baptists. In turn, it has given many outstanding leaders to the denomination. The original by-laws of the College, however, in a spirit of tolerance which was remarkable for those days, specified that the College should be non-sectarian in practice.

By every means consistent with its belief in religious liberty Colby seeks to develop the religious character of each student. Chapel services give opportunity for worship and reflection. The Churches of Waterville welcome the close affiliation of Colby students. Sunday Chapel services give opportunity for students to hear messages by the College Chaplain and notable visiting preachers. The activities of the Interfaith Association under the charge of the Director of Religious Activities give full play to the talents of all religious-minded students. Academically, the College offers attractive courses in Religion.

GUIDANCE

During his first year a student is assigned to a freshman adviser who assists him in electing a program of studies, in making needed adjustments to college life, and in meeting various problems which arise. When a student selects his field of concentration (major), his adviser is a member of the department in which he majors, or in the case of pre-professional major or so-called combined major, the adviser is the faculty member assigned to head the specified program.

EXTRA-CURRICULAR LIFE

There is a full and varied complement of student activities which serve to enrich the campus life; included are athletics, musical clubs, outing club, Interfaith Association, several fraternities and sororities, and numerous clubs with specialized interests (described in detail in the Freshman catalog).

THE LIBRARY

In the modern college the library is the focal point. On the Mayflower Hill campus of Colby College the Miller Library is at the center of the spacious architectural plan. Its lofty tower may be seen for many miles in all directions. It is the college's largest building, designed to meet library requirements for a century or more. Its immense reading room, with full southern exposure, its separate reserved book room, its Edwin Arlington Robinson Treasure Room, and its six tiers of stacks, all in charge of a competent and highly trained staff, serve the needs of the faculty and students.

There is continuous effort to improve and to expand the Library and to broaden its services. Not only does it supply materials for required and supplementary reading, for research papers and general information, but it also stimulates interest in recreational reading and in contemporary civilization. It compiles bibliographies, prepares exhibits and in the Colby Library Quarterly makes available to the scholarly world the more distinctive materials that it contains.

In its courses in Bibliography the library staff offers a program of instruction designed to put students in touch with the resources of the Library and the mechanics of its operation. During Freshman Week, and by later cooperation with the Department of English, each new student becomes acquainted with the card catalog, the principal reference works and the basic bibliographical tools. Students look behind the scenes, not only noting the arrangement of reference and stack shelves, but also observing the technical processes of cataloging and classification.

The main collection of the Library, exclusive of rare books and manuscripts, contains more than 130,000 volumes, to which are added about four thousand volumes annually. The Library receives more than 300 periodicals, including many important publications from foreign countries, and is a depository for publications of the U. S. Government. It is one of a very few libraries designated as a depository for the Army Map Service. The collection is classified according to the Library of Congress system.

The Colby Library has achieved distinction through its special collections. Outstanding are the Thomas Hardy,

Edwin Arlington Robinson, Henry James and Book Arts collections. Of these the Hardy Collection numbers thousands of items and is the most complete and varied Hardy Collection in existence. The Library has been made the custodian of the books, manuscripts, and personal papers of Edwin Arlington Robinson, the most valuable Robinson Collection that can ever be assembled. The Book Arts Collection contains notable examples of outstanding book designers and presses. There is also a virtually complete collection of the more than four score editions of A. E. Housman's *A Shropshire Lad*; and there are collections of note of the writings of the early American economists, Mathew and Henry C. Carey; of the martyr in the cause of freedom of the press, Elijah Parish Lovejoy; and writings of many productive scholars who have been associated with the life of the College. These collections, under charge of the Custodian of Rare Books and Manuscripts, are housed in the beautiful Edwin Arlington Robinson Treasure Room.

The Colby Library Associates is an organization of alumni and friends of the College who have a particular interest in the Library and its work. Its object is to increase the resources of the Colby College Library. Membership dues are devoted to the purchase of special books, manuscripts, or other material which lie outside the scope of the Library's regular budget. Since the founding of the organization in 1935, the Colby Library Associates has added to the Colby Library an impressive list of valuable bibliographic tools and rare collectors' items. The Associates also conduct meetings at the College from time to time during the year with programs devoted to various topics of interest to book lovers, and award annually the Library Associates Book Prize.

THE COLLEGE PLANT

The College is in process of transition from its original site in the city to a new plant located on a six-hundred acre hilltop two miles from the center of Waterville. All academic work except science laboratories and fine arts is conducted on the new Mayflower Hill campus, where also are housed 235 men and 180 women in beautiful, new dormitories. On the old campus six dormitories for men and five for women house

those students who cannot yet be accommodated at the Hill. To transport students between the two campuses the College operates free bus service.

Colby's Mayflower Hill development has attracted the interest of educators and the general public ever since its inception in 1930. Because, over a span of a century and a quarter, the existing campus had been gradually hemmed in by the expanding city of Waterville and no satisfactory program of improvement seemed possible, the Colby trustees in that year made the decision to seek an entirely new site with plenty of room, and there build a new model college plant. The concept was that of a functionally-planned campus with all buildings in harmonious Colonial architecture and located on a site of scenic beauty. Mayflower Hill, a picturesque height of land about two miles from the center of Waterville, was selected.

The Mayflower Hill campus comprises some six hundred acres of rolling fields and woodland. The buildings are clustered below the crest of the hill which is topped by a hemlock and pine grove. Paved roads serve the campus from the city, and in the other direction are roads leading off into the country and appealing to those who enjoy hiking or bicycling. A semi-artificial lake is a distinctive feature of the campus landscape. Views extend to the blue Rangeley mountains in the northwest and to the Camden hills in the east, while Waterville lies below in the nearer distance.

Good architecture can be an educational influence, and the classic dignity and restrained elegance of the Colonial style was deemed most appropriate for a college with Colby's early New England beginnings. The result has been a group of college buildings which excite the admiration of visitors and exercise a quiet stimulus on the students. Nor is the architecture merely a matter of beauty, for the buildings have been painstakingly designed to promote good teaching and pleasant group living, with use made of all the latest construction techniques and materials.

Perhaps it is in its arrangement, however, that the new Colby campus is most notable. Instead of having to add new buildings here and there among the old ones, as is usually the case with a college, this campus was planned from a clean

slate, so that each structure could stand exactly in its most logical and efficient place in relation to the others. While the full beauty and symmetry of the Mayflower Hill campus will not be realized until all the buildings are finished, its effectiveness as a functionally-planned educational layout is already apparent.

During 1948-49 nine buildings of the new plant were in full use and two others were under construction. The Miller Library, the Lorimer Chapel, the Field House, two dormitories for men and two for women, the Roberts Union, and the Women's Union were in use, and work was going forward on the Keyes Building for Chemistry and Physics, two fraternity houses, and the president's house. Ground has been broken for two additional dormitories for men. The next few years will see the construction of additional units. Description of the present buildings follows:

The Miller Library is the focal point of the whole campus, its beautiful tower serving as a landmark for miles around. While the whole building will ultimately be used for library purposes, for the time being it also contains a number of classrooms, offices for the President, Deans, Recorder, Treasurer, and other staff members, and the college bookstore and spa. The library proper occupies the central section, with the stacks in the rear. Its facilities include catalog and delivery rooms, main reading room, and The Edwin Arlington Robinson Memorial Treasure Room for Colby's outstanding collections of rare books and manuscripts.

The Lorimer Chapel is the college church with a capacity of about 600 and a wing for a small chapel, fireplace room, choir room and other facilities. It is regarded as an unusual piece of church architecture in the style of the early 1800's when this college was founded. Funds for its erection were given by the late George Horace Lorimer of the class of 1898, who was for long the distinguished editor of the Saturday Evening Post, and it memorializes his father, one of New England's foremost ministers of half a century ago.

Dormitories for Men. These two halls house a total of 215 men. Interior arrangements resemble the English system, with each dormitory consisting of three independent sections, each

with its own outside entrance, lounge and housemaster's suite. Avoiding the long noisy corridors of the conventional college dormitory, this plan promotes comfort, convenience and closer house spirit. About eighty per cent of the accommodations are in the form of sleeping and study room suites for two boys, the rest being single rooms.

Besides the dormitories, the plans call for chapter houses of all fraternities as a part of the residence area. Funds have been raised for two of these, which will be completed in 1949. Others will be erected as soon as the several chapters can secure the necessary funds.

The Roberts Union serves as the dining commons and social center for the men students. There are attractive lounge, reading and game rooms, offices for major student activities, and other facilities. It commemorates the name of one of Colby's former presidents, and funds for its erection were contributed by 2,000 Colby men. It contains the Sherman Perry Memorial Infirmary.

Mary Low Hall and *Louise Coburn Hall* were named for the first two women graduates of Colby and were the first of the Mayflower Hill buildings to be put into use. Although, in effect, they are two separate dormitories, they are connected under one roof. Each wing has its own entrance, social rooms, dining room, and is under the supervision of a Resident Head. The appearance resembles a New England Colonial inn, rather than an institutional building housing more than 150 girls, and the interior arrangements and appointments incorporate pleasing features not commonly found elsewhere.

The Women's Union is located near the dormitory and serves as a social center. The Martha Baker Dunn Lounge is used for receptions, concerts, dances and art exhibits, while the adjoining Grace Coburn Smith Room provides opportunity for various social purposes and small meetings. Connected is a small dining room with kitchen facilities. The Ilsley Room is available for group meetings and small lectures. On the ground floor the Lucile Jones Beerbaum Room is set aside as a lounge for day students. Sorority chapter rooms and faculty apartments occupy the top floor. The building represents the combined gifts of some 1,200 Colby women.

The Women's Gymnasium adjoins the rear of the Union and contains a floor 101 by 54 feet in area, large enough for four badminton or two basketball courts. Other smaller rooms and a ski room in the basement complete the indoor physical education facilities, while an athletic field, and archery range are nearby. The Gymnasium also has a stage at one end, making the building a suitable auditorium for large assemblies or all-college balls. Stage equipment and a dramatic arts workshop beneath provide for theatrical activities.

Athletic areas. A battery of 14 tennis courts was constructed on the new campus as a memorial to Walter M. Wales, who gave his life in World War II. Seven of the Wales Courts are built with an all-weather asphaltic composition for general use and the other seven, intended for team and tournament play, are of clay with a quick-drying red surfacing. The new football field, dedicated in 1948 as Seaverns Field, in honor of Charles F. T. Seaverns, '01, is now in use. The Coombs baseball field, named for "Colby Jack" Coombs, '06, one of the immortals of big league baseball, is expected to be ready in the spring of 1949. Beside the Women's Gymnasium is a playing field for outdoor sports, and a new hockey field for women has been constructed east of the dormitories. Several ski runs have been developed on the slopes of Mayflower Hill itself at the rear of the buildings, and the College has obtained exclusive use of the well-known Mountain Farm Ski Slope.

The Gymnasium-Field House provides indoor athletic facilities on Mayflower Hill until such time as donations are received for the more extensive permanent gymnasium and field house which are planned. Government assistance made it possible to procure the materials used in a war-surplus airplane hangar to roof over a floor space 180 by 100 feet. Here are two basketball courts and a cinder running track. Permanent spectator seating is afforded for 1,600 with opportunity for temporary bleachers for 800 more. The main structure is surrounded by a one-story extension containing offices, lockers and shower rooms. It is located at the north end of the campus across the road from the football field.

The Keyes Building is the newest building on the campus,

erected as a memorial to the late Martin L. Keyes, inventor and industrialist of Fairfield, from a bequest by Mrs. Keyes augmented by a donation from Dr. George G. Averill of Waterville, former business associate of Mr. Keyes. Ultimately it will be devoted solely to the teaching of chemistry, but will at first contain also the Department of Physics. Lecture rooms, general and special laboratories, and faculty offices will make the Keyes Building representative of the latest in teaching facilities for these two sciences.

The Downtown Campus must be used to some extent until complete facilities for 1000 students are available at Mayflower Hill. Downtown buildings in use in 1948-49 were three science buildings, eleven dormitory buildings, and the Alumnae Building used as a down-town gymnasium for women students. Departments quartered on the downtown campus in 1948-49 were Biology, Chemistry, Geology, Physics, Art, and certain of the facilities of Music, Business Administration, and Physical Education for women.

ADMINISTRATIVE REGULATIONS

ADMISSION

Separate admissions offices for men and for women are directed respectively by the Dean of Men and the Dean of Women. Communications should be addressed accordingly.

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

In quantity of preparation fifteen units of acceptable work are required. A unit represents a course satisfactorily pursued

in a secondary school, four or five periods a week, for one school year, with the exception that three units of credit are allowed for four years of preparatory English. The quantitative requirements are as follows:

English	3
Foreign Language	
Men	2 in one language
Women	3 in one language or 2 in each of two languages
Algebra	1
Geometry	1
History or Social Studies	1
Science	
Men	2 (if only 2 units of foreign language are presented)
Women	1
Electives	4 or 5 (number necessary to make a total of 15 units)

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 Dean may also require certain subject-matter examinations called achievement tests.

The College Board Tests are given four times a year at designated centers in each state. The dates from June, 1949, to August, 1950, are:

Saturday, June 4, 1949
 Wednesday, August 24, 1949
 Saturday, January 14, 1950
 Saturday, April 15, 1950
 Saturday, June 3, 1950
 Wednesday, August 23, 1950

The Scholastic Aptitude Test, given on the morning of the examination day, consists of a verbal and a mathematical

section. Three different forms of this test are administered, differing from each other in the amount of mathematics covered. These different forms are known as Programs 1, 2, and 3. Each applicant should carefully check with the Dean which program he or she must take. In general, applicants who have had only two years of mathematics in secondary school, or who are not studying mathematics during the year when the test is taken (regardless of the number of years of mathematics previously studied), take Program 1. Applicants who are taking a third or a fourth year of mathematics, not including trigonometry, during the year when the test is taken, take Program 2. Applicants taking a fourth year of mathematics, including trigonometry, during the year when the test is taken, take Program 3.

Achievement tests, each one hour in length, are given during the afternoon of each testing day. These tests are in the various subjects taken in secondary school and acceptable for college admission. No more than three of these achievement tests may be taken at any one examination date. Each applicant for admission into Colby must determine from the Dean whether, in his or her individual case, any achievement tests are required in addition to the Scholastic Aptitude Test.

ARRANGEMENTS FOR THE TESTS

Either from his preparatory school or from the College Entrance Examination Board the applicant secures a form on which he makes specific application for his tests. He submits the completed form, together with required fee, to the College Entrance Examination Board, Box 592, Princeton, New Jersey. The application must reach the Board not later than the date specified on the form, which is normally three or four weeks prior to the examination date. For the Scholastic Aptitude Test (morning program) alone the fee is \$6.00; for one or more achievement tests without the morning program, \$8.00; for the morning program plus one or more achievement tests, \$12.00.

The Board publishes a Bulletin of Information, which is sent to all applicants. The bulletin explains the several kinds of morning programs, the general content of the various tests, both morning and afternoon, and gives sample questions.

In many secondary schools applications for College Board tests can be submitted through the school office; hence all applicants are urged to consult the principal or guidance officer of their own school before mailing formal application for tests.

WHEN TO TAKE THE TESTS

Colby College advises each applicant to take the Scholastic Aptitude Test either in June at the end of his junior year in secondary school or in January of his senior year. This makes it possible to repeat Scholastic Aptitude Test in April of senior year if this proves necessary, and to take any required achievement tests also in April of senior year.

ACCEPTANCE INTO COLLEGE

In general, Colby College decides on acceptance of its applicants at the end of May, after reports of the April tests have been received. A few applicants of outstanding excellence are given provisional acceptance on the basis of earlier tests.

ADMISSION PROCEDURE

1. Write to the Dean of Men or the Dean of Women for an application form.
2. Fill out the form carefully and return it according to instructions. No payment of any kind is required with application.
3. Await a letter of instructions from the Dean. If that letter instructs you to take certain tests, arrange for them as stated in the foregoing section on College Board tests. *Remember that, in any event, you must take the Scholastic Aptitude Test.*
4. Sometime in May or in very early June you will receive from the Dean a letter of acceptance or rejection. If accepted, you must then make the required deposit of \$25. This is not an extra charge, but is an advance payment on college expenses, and is not refundable.

5. Read carefully all notices which you receive from time to time preceding your matriculation at the college. These notices will cover such important matters as room, board, details of registration, selection of freshman courses, equipment, finances, and veterans' affairs.

BY TRANSFER

Admission of students 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 Scholastic Aptitude Test if he has not taken it for admission to the college which he is attending.
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 Dean 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 hours in excess of

three credits for each semester course. (Effective with class of 1951 and subsequent classes).

120 semester hours, at least.

Two years of Physical Education (Physical Education 1, 2, 3, 4), or the equivalent.

QUALITY

A total of at least 196 quality points. These are computed as the product of semester hours credited for a course and index numbers (A-4, B-3, C-2, D-1). For example, a mark of B in a three-hour course for one semester yields (3 x 3) nine quality points.

DISTRIBUTION

1. English Composition (English 1-2) in the freshman year.

Any student whose average in English 1-2 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 35-36) and must pass this course as a requirement for graduation.

2. Literature (English 11-12 or 21-22) 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. Two year-courses, or equivalent in sequence semester courses, selected from those offered in the Division of Social Sciences. (Effective for classes of 1950, 1951, and 1952.)

Beginning with the Class of 1953, the social science requirement for graduation shall be met by taking one year-course, or its equivalent, in each of three departments in the Division of Social Sciences (divisional courses considered as a department thereof), provided that not more than one of the following courses may be counted toward this requirement: Business Administration 01, 02; History 1, 2; Social Science 1, 2; Religion 1, 2; or any other course in the Division of Social Sciences which is open to freshmen.

5. A basic knowledge of one of the foreign languages taught at Colby. This requirement may be met by the classes of 1950, 1951, and 1952 in one of the following ways:

- (a) Passing an achievement examination designed to test the student's ability to use a chosen foreign language both orally and in writing. This must be in a language taught at Colby.
- (b) Successful completion of any year-course numbered above 1-2 in a foreign language taken at Colby College.
- (c) A student who has conscientiously, yet unsuccessfully, attempted the work of foreign language study at least once during each of his first two years at Colby College, may, with the permission of the department in which the unsuccessful attempts have occurred, meet this requirement by passing an appropriate course in a foreign culture; namely, a course in Germanic or Romance literature and culture in place of a modern foreign language, or a course in classical civilization (History 21, 22) in place of a classical language.

Beginning with the class of 1953 (freshmen entering in September 1949 and later) the requirement can be met only by one of the ways explained in (a) and (b) above.

Students who look forward to graduate study in arts and sciences are warned that the minimum requirement for the Colby degree may not give them enough knowledge of foreign languages to assure their admission into graduate work. Since the leading graduate schools require a reading knowledge of both French and German, and since some also require Latin for work in language and literature, the student who desires graduate study should be careful to take more than the minimum required for graduation.

CONCENTRATION

Near the end of 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 certain designated combinations. There are also pre-professional majors for students in nursing and medical

technology, and for those preparing for professional schools of medicine and dentistry.

The respective academic departments specify those courses (usually eight semester courses) constituting a major in the department. Substitution of courses in closely allied departments is sometimes permitted in limited amount. Prior to selecting a major each student should acquaint himself thoroughly 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.

Beginning with the Class of 1950 and all subsequent classes, 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 with the consent of the head of the department in which he wishes to attempt a new 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.

REGULATIONS

The rules respecting student residence, organizations, social activities and inter-collegiate 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.

REGISTRATION

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 semester 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.

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 mid-semester warning therein shall necessitate a mark of "F" instead of "Dr." for that course.

With the consent of his adviser a student may elect one, but only one course in excess of the usual five courses. 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.

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 the

Recorder or 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.

ACADEMIC STANDING

A student's class standing is determined by the number of semester hours earned; that is, Freshman — 0 to 23 hours; Sophomore — 24 to 53 hours; Junior — 54 to 83 hours; Senior — 84 or more hours.

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 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 year-courses or designated "E" courses.)

There is no fixed method of computing the final mark in a course; the final examination must, however, count less 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 "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.

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 Cap and Gown, the honor society for Senior women; recipients of certificates from Phi Beta Kappa, awarded to members of the three lower classes for distinction in scholarship.

COLLEGE PRIZES

GENERAL

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 1948 the medal was awarded to Louise Joy Gillingham.

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 1948 these prizes were awarded to James Kevin Keefe, '51, and Gertrude Charlotte Cleveland, '51.

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 1948 this scholarship was awarded to Ruth Edith Endicott, '49.

DELTA DELTA DELTA SCHOLARSHIP AWARD. Given annually by the sorority for scholastic ability and school participation to a well-deserving girl at Colby.

In 1948 this award was made to Frances Julia Benner, '49.

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION PRIZE. Awarded to the student majoring in Business Administration who in the opinion of the faculty of this department combines the highest qualities of scholarship, personality and extra-curricular interests.

In 1948 this prize was awarded to Douglas Child Borton, '48.

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 1948 this prize was awarded to Robert Meier Wasserman, '48.

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 1948 awards were made to Norma Egerton, '49, Alice Rose Rogers, '49, and Jean Wright Sheppard, '49, all in Latin.

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. No limitation is placed upon the form or nature of the poems submitted.

In 1948 this prize was awarded to Ruth Edith Endicott, '49.

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 1948 this award was made to Robert Lester Brigham, '50.

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 1948 this prize was awarded to Lowell Bogle Haynes, '48.

MODERN LANGUAGES

FRENCH CONSULATE PRIZES. Offered by the French Consulate in Boston for excellence in French studies.

In 1948 the first prize went to Everett Joshua Felker, Jr., '49; the second prize to Marie Flora Boyd, '48.

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 1948, the first prizes were awarded to Everett Joshua Felker, Jr., '48, and Ruth Erdine Rogers, '48; second prizes to William Thomas Doyle, '51, and Barbara May Grant, '49.

MUSIC

LOUISE COLGAN AWARD. This prize of \$10 is given to the senior girl who has been a member of the Glee Club for at least three years and who has the highest academic standing of any girl who meets this three-year requirement.

In 1948 this prize was awarded to Anne Harriet Hutchinson, '48.

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 1948 the first prize was awarded to Gilbert Young Taverner, '48; second to Stanley Foster Choate, '50; third to David Atwood Choate, '48; fourth to Paul Andrew Choate, '48.

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 1948 no awards were made.

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 1948 the first prize was awarded to Donald Eugene Nicoll, '49; second to Robert Warren Rosen, '48; third to Robert Averill Rosenthal, '50; fourth to David Atwood Choate, '48.

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 young men attending secondary schools in New England for general excellence in declamation in a public contest held at Colby College.

In 1948 the first prize was awarded to Lawrence Spector of Malden (Massachusetts) High School; second to Royce Gruenler of Laconia (New Hampshire) High School; third to Richard T. Gott of Portland High School; fourth to Richard Magill of Caribou High School; fifth to Sidney Perham of West Paris High School.

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 1948 first prizes were awarded to Owen Walter Bailey, '48, and Paul Briggs Kilmister, '51; and second prizes to Herbert Armand Perkins, Jr., '50, and Mildred Jeanine Fenwick, '50.

SOPHOMORE DECLAMATION PRIZES. Prizes of \$10 and \$5 are awarded to sophomores in the Men's Division and Women's Division for excellence in declamation.

In 1948 no awards were made.

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

In 1948 these awards were made to Harland H. Eastman, '51, Stuart A. Warshaw, '51, Kenneth Jacobson, '50, Robert A. Rosenthal, '50, Eileen M. Lanouette, '48, Joan M. Reed, '41, Russell F. Farnsworth, '48, and Dorothy B. Worthley, '48.

SCIENCES

CHI EPSILON MU PRIZE IN CHEMISTRY. Awarded annually to the highest ranking freshman in Chemistry 1, 2.

In 1948 this prize was awarded to Margaret Louise Preston, '51.

MARSTON MORSE PRIZE IN PHYSICS OR MATHEMATICS. Given by Marston Morse of the class of 1914, to a student showing excellence in exposition of some phase of mathematics, physics or astronomy.

In 1948 the award was made to John Russell Stuart, '49, in Physics.

SOCIOLOGY

CHI OMEGA PRIZE IN SOCIOLOGY. Awarded annually to the highest ranking woman in sociology.

In 1948 this prize was awarded to Marcia Janice Friedman, '48.

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 1948 the first prize was awarded to Susan Margaret Lynch, '48; second to Laurine Joyce Thompson, '48; third to Hilda Blondina Proctor, '48.

ATTENDANCE

Students are expected to be regular in class attendance. Any absence from class for any reason whatever is regarded as an obligation unfulfilled.

EXCUSES

Excuses for absence must be made to and secured from the Dean of Men or Dean of Women, who may grant excuses for the following reasons only: illness certified by the college

physician or his representative; athletic or other organizational trips; exigencies calling for absence from town; military necessity.

Whenever a student's attendance in any course is unsatisfactory to the instructor in that course, the instructor shall so notify the Dean. Upon receipt of such a notice the Dean shall issue to the student a warning. The definition of "unsatisfactory" is left to the determination of each instructor, and must provide for two cuts per semester in each course. In fairness to students, however, who have a right to know what constitutes unsatisfactory attendance under this flexible system, it shall be the duty of each instructor to explain at the first meeting of a class what constitutes unsatisfactory attendance in that class.

Students who are absent, without excuse by one of the above four reasons, from any academic class in the two days before or after a vacation (including the brief Thanksgiving holiday as well as the Christmas and spring vacations) shall be issued a warning directly by the Dean; but not more than one warning shall be issued at each of these times, regardless of the number of classes from which the student was absent.

Any student issued three warnings in any one academic semester shall be suspended from college for the remainder of that semester, with no credit for the semester's work. The three warnings may have been issued because of unsatisfactory attendance or because of absence before or after a vacation, or both.

In order that a student may have a fair opportunity to improve his attendance record, the Dean shall not issue more than one warning because of unsatisfactory attendance to the same student in any seven-day period, regardless of the number of notices received from instructors in that period. Warnings because of absence before or after a vacation shall be issued regardless of the interval of time since any previous warning.

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.

VETERANS

Colby College accepts veterans under Public Laws 346 and 16, with the understanding that veterans must meet exactly the same requirements for admission as do all other students. Credit toward admission requirements in specific subjects is sometimes given for completion of certain schools in the armed services or for completing certain courses under the United States Armed Forces Institute.

The Dean of the Faculty serves as coordinator of veterans and represents the College in official dealings with Veterans Administration.

Before an admitted veteran is permitted to register for classes under veterans' benefits, he must present to the Dean of the Faculty a certificate of eligibility from Veterans Administration. If he is to use V.A. benefits for the first time, he may secure the initial certificate by applying at any convenient office of Veterans Administration. If he has already used some of his educational entitlement under V.A., he must secure a supplementary certificate of eligibility from that V.A. office where his veteran's folder is on file.

Upon receipt of the proper certificate, the Dean of the Faculty issues to the veteran authorization for making his charges for tuition, books, and supplies payable by Veterans Administration.

Each veteran enrolled at Colby College is personally responsible to the College Treasurer for payment of college charges for room and board. Because Veterans Administration sends the monthly maintenance allotment checks directly to the veteran, he and not V.A. is responsible for maintenance charges.

At the request of Veterans Administration, all maintenance checks mailed to veterans living in college residence halls are issued through the office of the Dean of the Faculty, where the veteran signs for his check each month.

The veteran is responsible for keeping himself informed concerning the extent of his educational entitlement, the conditions under which V.A. will accept charges in excess of \$500 for a school year, and the procedure necessary to attend summer school at another institution with intent to return to Colby in the autumn.

Veterans under Public Law 16 are subject to special regulations, especially in respect to vocational objective, and they are entitled to exceptional privileges in regard to length of entitlement, maintenance allotment, and medical service.

COLBY-SWARTHMORE SUMMER SCHOOL OF LANGUAGES

In the world of today there is a real need for a knowledge of foreign languages, but it is often difficult to find sufficient time for adequate study in a somewhat crowded college program. More and more frequently young men and women are looking forward to graduate or foreign study, positions or travel in foreign lands, translation work, foreign language teaching, or government service. To meet their needs, Colby College at Waterville, Maine, and Swarthmore College at Swarthmore, Pennsylvania, have established as a joint project the Colby-Swarthmore Summer School of Languages.

The second session of Colby-Swarthmore opens on Colby's Mayflower Hill campus on June 27 and closes on August 15, 1949. Courses are offered at the elementary, intermediate, and advanced levels in French, German, 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 is composed of native or bilingual instructors who have had a wide experience in teaching American students. They are chosen not only for their scholarly attainments, but for their personalities and their ability to maintain informal relationships with the students.

Colby-Swarthmore aims to create an atmosphere particularly conducive to rapid progress in learning a foreign language. This is accomplished through special techniques in the classroom; the use of mechanical aids such as records, phonographs, and recorders; and the grouping of students in the dormitories according to the language being studied. The School insists upon the exclusive use of the foreign language outside the classroom in so far as circumstances or previous training makes that feasible. An informal relationship between instructor and student is encouraged by having the teachers live in the dormitories and conduct the language tables in the dining halls, and by having them participate in all leisure-time activities, such as sports, group singing, folk

dancing, and various excursions. 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-Swarthmore Summer School of Languages, Waterville, Maine.

FINANCES 1949-50

The charges tabulated below are 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.

SEMESTER FEES AND EXPENSES

<i>Item</i>	<i>Amount</i>	<i>Payable</i>
Tuition, 5-course program	\$250.00	Before registration
Room, dormitory	80.00	Semester Bill*
†Board, College dining hall	200.00	\$50 payable before registration, balance on Semester Bill.
	————	
	\$530.00	

*The Semester Bill is issued three to four weeks after registration and is due in approximately two weeks after the date of issue.

†In view of the uncertainty regarding the trend of food costs the College reserves the right to change the Boarding charge 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

\$250.00 a semester payable prior to the opening of each semester. The Semester per course charge is \$50.00.

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 1949-50 will be \$13.50 for men and \$15 for women, distributed as follows: Colby Echo \$2.50, Colby Oracle \$5, Class Dues \$2, Student Christian Association \$2, Music \$2; and for women, Student League \$1.50.

BOARD

A dining hall for men is maintained in the Roberts Union, and dining halls for women in Foss Hall and in both Mary Low and Louise Coburn Halls. All women students not living at home or with relatives are required to live in College residences and board at the College. Exceptions may be made in the case of students in the three upper classes who find it absolutely necessary to earn their entire room and board. Arrangements for such exceptions must be made with the

Dean of Women. Men students electing to board at the College dining hall are obligated to pay the board charge for an entire semester.

ROOM

Dormitory room reservations for men students are made at the office of the Dean of Men. Room reservations for freshman women are made at the office of the Dean of Women. Room reservations for upperclass women are made with the Director of Residence of the Women's Division.

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.

MISCELLANEOUS

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

Shorthand and typewriting, when elected concurrently, are considered as one full course for which the regular single

course fee of \$50 per semester is charged; when either shorthand or typewriting is elected singly the semester charge is \$25.

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 neglect to arrange with the Treasurer prior to the date due for a plan of payment. 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 \$50 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 \$50 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

In the case of voluntary withdrawal of students in the medical technology and nursing programs during their period of professional training, refunds will be made on an individual basis.

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

From Registration Day 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.

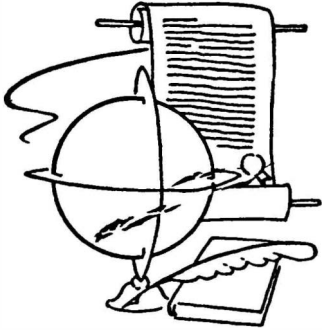
FINANCIAL AID

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 their four years. Colby annually distributes financial aid to the extent of some \$50,000 in the form of scholarships, Woodman grants and college employment. The amounts given in the first two categories represent 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 Dean of Men or the Dean of Women 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 and in miscellaneous assignments. Prospective students applying for financial aid who are willing to accept employment may so designate on the financial aid application form.

CURRICULUM



LANGUAGES, LITERATURES, AND ARTS

SOCIAL SCIENCE

SCIENCES

HEALTH AND PHYSICAL EDUCATION

NURSING AND MEDICAL TECHNOLOGY

Curriculum 1949-1950

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 Science
Biology, Chemistry, Geology, Mathematics,
Physics

Division of Health and Physical Education
Physical Education

Division of Nursing and Medical Technology
Nursing, Medical Technology

The schedule as indicated is subject to revision, and is announced as tentative because of important administrative decisions pending at the time of publication.

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

Odd and even numbers designate courses offered during the first and second semesters, respectively; a course available for election either semester is indicated by "e" following the numeral: e.g., 7e.

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

Year-courses are designated by a hyphen: e.g., 1-2. A year-course 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 the time. The end-of-the-year mark is the only finally recorded mark for the course, and no credit is given until that final mark is recorded.

Two closely related half-year courses are designated by two numbers separated by a comma: e.g., 1, 2. Special permission is usually required to take the second of such courses. The first of such two courses may, at the discretion of the department, be designated as an E course, meaning that a student whose mark is between 50 and 59 in the first course may make up the deficiency by passing the second course in the immediately following semester.

Independent semester courses are designated by a single number: e.g., 1.

[] Brackets indicate that the course will not be offered in 1949-50.

* An asterisk indicates that the course will probably not be offered in 1950-51.

† A dagger indicates that the course will probably be offered in 1950-51.

Except as otherwise designated in the description of a particular course each semester-course carries three semester hours of credit, and each year-course carries six semester hours of credit.

ROOM KEY: ML — Miller Library; WU — Women's Union; AB — Alumnae Building; Ch — Chemical Hall; Co — Coburn Hall; Sh — Shannon Hall.

DIVISION OF LANGUAGES, LITERATURES, AND ARTS

Chairman: PROFESSOR MCCOY

BIBLIOGRAPHY

Professor Humphry and Miss Libbey

2. 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

Schedule: MWF 1:30 — ML 207D

Mr. Humphry

CLASSICS

Professor-Emeritus Carr and Mr. Bliss

GREEK

Major requirements: four year-courses in Greek; History 21, 22, or advanced courses in Latin may be substituted for a part of these requirements.

1-2. ELEMENTARY GREEK

Essentials of Greek grammar; reading of simple Greek stories; vocabulary building in Greek and English.

Prerequisite: none

Schedule: MWF 8:00 — ML 1C

Mr. Bliss

† [3, 4. PLATO AND HOMER]

Plato's *Euthyphro* and *Apology*; Selections from Homer's *Iliad*.

Prerequisite: Greek 1-2 or equivalent

11, 12. NEW TESTAMENT GREEK

Intensive study of *Mark*; selections from *Matthew* and *Luke*.

Prerequisite: Greek 1-2 or equivalent

Schedule: to be arranged

Mr. Carr

LATIN

Major requirements: four year-courses in Latin; History 21, 22, or courses in Greek may be substituted for part of these requirements.

1-2. ELEMENTARY LATIN

Introduction to Latin by the reading-grammar method; reading of selections adapted from classical and medieval Latin; emphasis upon the contribution of Latin to English vocabulary.

Prerequisite: none

Schedule: TTS 8:00; W 12:00 — ML 1C Mr. Bliss

3-4. VERGIL AND OTHER AUGUSTAN POETS

Selections from Vergil's *Aeneid*; selections from Ovid and Horace.

Prerequisites: Latin 1-2 or two or three years of high school Latin; if the third unit of high school Latin offered for admission included extensive selections from Vergil's *Aeneid*, the student may with the permission of the instructor elect Latin 5, 6

Schedule: TTS 10:00 — ML 1C Mr. Bliss

5. ROMAN COMEDY

Selected plays of Plautus and Terence; study of Greek "New Comedy" and of Greek and Roman life as revealed in these plays.

Prerequisite: Latin 3-4 or four years of high school Latin

Schedule: MWF 11:00 — ML 1C Mr. Bliss

6. LATIN POETRY

Survey of Latin Poetry from Naevius to medieval hymns.

Prerequisite: Latin 3-4 or four years of high school Latin
Schedule: MWF 11:00 — ML 1C Mr. Bliss

* 7. CICERO AND HIS CONTEMPORARIES

Selected *Letters* of Cicero; a study of the political and social background of these letters.

Prerequisite: Latin 5, 6 or its equivalent

Schedule: TTS 11:00 — ML 1C Mr. Carr

* 8. HORACE

Horace's *Odes* and *Epodes*; a study of the political and social background of these poems.

Prerequisite: Latin 5, 6 or its equivalent

Schedule: TTS 11:00 — ML 1C

Mr. Carr

† [9. PLINY AND MARTIAL]

Letters of Pliny the Younger and *Epigrams* of Martial; a study of the political and social background of these writings.

Prerequisite: Latin 5, 6 or its equivalent

† [10. SELECTED LATIN READINGS]

Survey of Latin Literature and the reading of selections from various Latin authors.

Prerequisite: Latin 5, 6 or its equivalent

† [11. TEACHING OF LATIN]

Objectives, content and methods in the teaching of secondary school Latin, a critical examination of textbooks and other teaching materials.

† [12. LANGUAGE AND ITS GROWTH]

Nature of language, families of languages; sources of English words.

Prerequisite: none

ENGLISH

Professors Weber and Marriner; Associate Professors Rollins, Chapman, and Norwood; Assistant Professors Alice Comparetti, Francis Smith, and Burdick; Mr. Bacon; Mrs. Doris Smith; Messrs. Michaels and Rosenthal; and Instructors

Requirements for "majoring" in English: in the sophomore year, English 17-18 and History 15, 16; in the junior year, English 15, 16 or 27, 28 or 29, 30 or 31-32, and one other English course; in the senior year, English 13-14 and 39-40. Attention is invited to the "major" in American Civilization (see page 67).

1-2. ENGLISH COMPOSITION

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

Schedule:

Section A (men)	MWF	8:00 —	ML 207C	Mr. Michaels
Section B (women)	MWF	8:00 —	ML 208C	Instructor X
Section C (men)	MWF	9:00 —	ML 208A	Mr. Bacon
Section D (women)	MWF	9:00 —	WU 201	Mrs. Smith
Section E (men)	MWF	10:00 —	ML 208C	Instructor Y
Section F (women)	MWF	10:00 —	ML 8A	Mr. Rosenthal
Section G (men)	MWF	11:00 —	ML 208B	Instructor Y
Section H (men)	MWF	12:00 —	ML 208B	Mr. Rollins*
Section J (men)	TTS	8:00 —	ML 208B	Mr. Bacon
Section K (men)	TTS	8:00 —	ML 207C	Mr. Rosenthal
Section L (women)	TTS	8:00 —	ML 208C	Mr. Michaels
Section M (men)	TTS	9:00 —	ML 208C	Mr. Smith
Section N (men)	TTS	10:00 —	WU 108	Instructor X
Section O (women)	TTS	10:00 —	ML 208C	Mr. Smith

*Chairman of the Freshman Composition staff.

3, 4. PUBLIC SPEAKING

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

Prerequisite: None. English 33 may be substituted for English 3

Schedule:

Section A	MWF	1:30 —	ML 302	Mr. Burdick
Section B	MWF	2:30 —	ML 302	Mr. Burdick

5, 6. ADVANCED COMPOSITION

Practice under guidance for students specially interested in writing.

Prerequisite: English 1-2 and 11-12 (or 17-18 or 21-22)

Schedule: MWF 2:30 — ML 208B Mr. Bacon

7-8. JOURNALISM

Theoretical and practical training in writing for newspapers and magazines.

Prerequisite: English 1-2

Schedule: TT 1:30-2:45 — ML 208A Mr. Michaels

9, 10. DRAMATIC ART

Training in the arts of the theatre, for students interested in preparing for further dramatic work or for directing play-production in schools.

Prerequisite: English 1-2

Schedule: TT 1:30-3:20 — WU 12 and 100 Mr. Rollins

11-12. SURVEY OF ENGLISH LITERATURE

A general introduction to English literature, *not* designed for English "majors." Required of all sophomores who do not elect English 17-18 or 21-22.

Prerequisite: English 1-2

Schedule:

Section A	MWF	9:00 —	ML 201B	Instructor X
Section B	MWF	10:00 —	ML 207C	Mr. Smith
Section C	TTS	9:00 —	ML 208B	Mr. Rosenthal
Section D	TTS	9:00 —	ML 201	Mrs. Comparetti
Section E	TTS	10:00 —	ML 208B	*Mr. Chapman
Section F	TTS	11:00 —	WU 108	Instructor X
Section G	TTS	11:00 —	ML 208A	Mrs. Comparetti

*Chairman of the Sophomore "English Survey" staff.

13-14. SHAKESPEARE

A careful study of the work of the great dramatist.

Prerequisite: English 11-12, or 17-18, or 21-22. Required of seniors majoring in English.

Schedule: MWF 10:00 — ML 208B Miss Norwood

* 15, 16. SWIFT, POPE, JOHNSON, AND THEIR CONTEMPORARIES

English literature of the 18th Century — the "neo-classical" period. (Not offered in 1950-51; offered again in 1951-52.)

Prerequisite: English 11-12 or 17-18.

Schedule: MWF 11:00 — ML 208A Miss Norwood

17-18. 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.

Prerequisite: English 1-2

Schedule: TTS 11:00 — ML 208B

Mr. Chapman

19, 20. THE DRAMA IN ENGLISH

The drama as a literary type: the English drama from Shakespeare's predecessors to Sheridan, in the first semester; and in the second, the drama in England and America, from Ibsen to the present.

Prerequisite: English 11-12 or 17-18 or 21-22

Schedule: TTS 9:00 — WU 12

Mr. Rollins

21-22. SURVEY OF AMERICAN LITERATURE

A general introduction to American literature. Required of all sophomores who do not elect either English 11-12 or English 17-18.

Prerequisite: English 1-2

Schedule:

Section A MWF 8:00 — ML 208B

Instructor Y

Section B MWF 10:00 — ML 201

Mr. Michaels

Section C TTS 10:00 — WU 12

Mr. Bacon

Section D TTS 11:00 — ML 207C

Instructor Y

23, 24. THE TEACHING OF ENGLISH

A study of the techniques of teaching Composition and Literature in the secondary school. First semester: teaching oral and written composition; the historical development of the English language; curriculum construction. Second semester: teaching English and American literature; problems of interpretation; testing techniques; practical classroom problems.

Prerequisite: English 11-12 or 17-18 or 21-22

Schedule: MWF 12:00 — ML 1C

Mrs. Smith

25, 26. THE ENGLISH NOVEL

Historical survey of the novel as a literary type. First semester: the 18th Century novel; second semester: the 19th Century novel.

Prerequisite: English 11-12 or 17-18 or 21-22

Schedule: MWF 11:00 — ML 208C Mr. Chapman

* 27, 28. FROM BROWNING TO HARDY

English literature of the Victorian Period, from 1832 to 1900.

Prerequisite: English 11-12 or 17-18 or 21-22

Schedule: MWF 9:00 — ML 208B Mr. Weber

29, 30. MAJOR AMERICAN AUTHORS

An upper-class course in American literature.

Prerequisite: English 11-12 or 17-18

Schedule: TTS 9:00 — ML 208A Miss Norwood

31, 32. CHAUCER AND MILTON

An intensive study of the writings of the two great poets of the fourteenth and seventeenth centuries.

Prerequisite: English 11-12 or 17-18

Schedule: TTS 11:00 — ML 203A Miss Norwood

33. DEBATING

Training in the techniques of logical thinking and argument. Practice in individual argumentative speeches and in debating. Research on modern controversial problems.

Prerequisite: none

Schedule: to be arranged Mr. Burdick

34. PERSUASIVE SPEECH

Advanced training in the art of persuasive speaking, with attention to the elements of individual and group psychology involved. Practice in individual speaking, and in conference or group discussion.

Prerequisite: English 3, 4, or by permission of the instructor

Schedule: TTS 8:00 — ML 302 Mr. Burdick

35-36. SOPHOMORE COMPOSITION

A course of further practice in writing, *required* of students who pass Freshman Composition (English 1-2) without attaining at least a "C" mark.

Schedule: MWF 9:00 — ML 1C

Mr. Rosenthal

† [37, 38. CONTEMPORARY LITERATURE]

The literature (English and American) of our own time.

Prerequisite: English 11-12 or 17-18 or 21-22, and any one of the following courses: English 15, 16; 19, 20; 25, 26; 27, 28; 29, 30; 31, 32.

39-40. SYNTHESIS OF ENGLISH LITERATURE

A culminating course, aimed at unifying and rendering coherent the entire work of a "major" in English.

Required of seniors majoring in English.

Schedule: MWF 9:00 — ML 208C

Mr. Smith

41-42. RADIO SPEECH AND PRODUCTION

Training in speech techniques for the radio; study of outstanding radio literature; and practical experience in broadcasting.

Prerequisite: English 1-2 and permission of the instructor

Schedule: TT 1:30 to 2:45 — ML 302

Mr. Burdick

FINE ARTS AND MUSIC

Assistant Professors Seeley and Ermanno Comparetti

FINE ARTS

Major requirements: Art, 1-2, 3, 4, 5, 6, 7, 8, 12; History 1, 2 or an advanced course in American or European history; an advanced course in English, American or a foreign literature beyond college requirements and some modern language study in addition to the minimum graduation requirement in language.

1-2. HISTORY AND APPRECIATION OF ART

A survey of the major art forms and periods important to the history of art: architecture, painting and sculpture.

Studio exercises included.

Prerequisite: none

Schedule: TTS 7:45 — AB

Mr. Seeley

[3-4. ART IN THE ANCIENT WORLD]

Pre-Europe and Asia, — Egypt, Crete, Mycenaen civilization, Greece, Rome, — The Orient, — America to the time of its discovery. Emphasis on the achievement of the Greeks in architecture and sculpture. Studio exercises included.

Prerequisite: Art 1-2

Schedule:

Mr. Seeley

5. MODERN ART

A survey of painting, sculpture and architecture — from about 1900 to the present time, with emphasis on the art of Europe. Studio exercises included.

Prerequisite: Art 1-2

Schedule: TT 1:45 — AB

Mr. Seeley

6. ART OF AMERICA

A survey of art of the United States, with reference to the art of our American neighbors. Studio exercises included.

Prerequisite: Art 1-2

Schedule: TT 1:45 — AB

Mr. Seeley

7, 8. THEORY AND PRACTICE OF DRAWING,
PAINTING AND PRINCIPLES OF DESIGN

Introductory and practical in scope; use of various media. This course may be repeated in years in which the subject material is changed. A minimum of four extra hours for drawing and design, to be arranged.

Prerequisite: none

Schedule: TTS 10:15 — AB

Mr. Seeley

9, 10. STUDIO WORK

Theory and practice of painting, or sculpture, or graphic media. Analysis of selected works of art of various periods. A minimum of four extra hours for independent work.

Prerequisite: Art 1-2, and 7, 8; special permission.

Schedule: to be arranged

Mr. Seeley

14. ART IN THE ELEMENTARY AND SECONDARY SCHOOLS

Training in educational theory; philosophy of art education; student and teacher attitudes; studio problems; training in exhibition techniques.

Instruction supplemented by several members of the faculty.

Prerequisite: Art 1-2 and junior standing at least

Schedule: MWF 11:15 — AB

Mr. Seeley

Studio exercises for history and appreciation courses in art require no previous drawing and painting experience.

MUSIC

1-2. HISTORY AND APPRECIATION OF MUSIC

Survey of the art of music, with particular reference to matters of style and historical 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

Schedule:

Section A MWF 8:00 — WU 202

Mr. Comparetti

Section B TTS 9:00 — WU 202

Mr. Comparetti

* 3. THEORY AND PRACTICE OF MUSIC

An elementary course in musical notation, scales, intervals and chord structure; elements of musical design and harmony. Limited to 10 students.

Prerequisite: none

Schedule: TTS 11:00 — WU 202

Mr. Comparetti

* 4. HARMONY

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

Prerequisite: Music 3 or equivalent

Schedule: TTS 11:00 — WU 202

Mr. Comparetti

[5. COUNTERPOINT]

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

Prerequisite: Music 3, 4

[6. 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 3, 4 and permission of instructor.

8. OPERA FORUM

The study of famous representative operas, operatic history, and techniques.

Prerequisite: Music 1-2

Schedule: MWF 11:00 — WU 202

Mr. Comparetti

NOTE: Qualified students will be granted one semester hour of credit per semester for satisfactory work in the college band, glee club, or orchestra; such credit, however, will not be given for the first two semesters' work, which is probationary.

The College offers opportunities for private instruction in piano, violin, viola, violoncello, and voice.

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

Students desiring private instruction in piano are referred to Mr. Comparetti; in voice to Mrs. Edward J. Colgan, 11 Gilman Street; and in violin to Mr. Walter Habenicht at Alumnae Building on Mondays and Tuesdays.

MODERN LANGUAGES

Professor McCoy; Associate Professors Strong, Smith, and Bither; Assistant Professors Buchner, Hockridge, Gardiner, and Kellenberger; and Mr. Schmidt

FRENCH

Major requirements: French 5-6; 7-8 or 9, 10; 11, 12 or 13, 14; 19, 20; English 11-12; German 25, 26; History 1, 2 or 5, 6; 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 include French 7-8 and 21, 22 among his elections.

NOTE: In French 1-2, 3-4, and 5-6 students are allocated on the bases 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.

1-2. ELEMENTARY FRENCH

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

Prerequisite: none

Schedule:

Section A	MWF 8; Tu. 12	— ML 203C	Miss Hockridge
Section B	MWF 9; Th. 12	— ML 206D	Mr. Kellenberger
Section C	TTS 8; M 12	— ML 203A	Miss Buchner

3-4. 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 1-2 or two years of high school French

Schedule:

Section A	MWF 9:00	— ML 207C	Mr. Smith
Section B	MWF 11:00	— ML 207C	Mr. Kellenberger
Section C	TTS 8:00	— ML 203B	Mr. Strong
Section D	TTS 9:00	— ML 207C	Miss Hockridge
Section E	TTS 10:00	— ML 207C	Mr. Kellenberger

5-6. ADVANCED COMPOSITION, CONVERSATION, AND READING

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

Prerequisite: French 3-4 or three years of high school French

Schedule:

Recitations

Section A	MWF 9:00	— ML 203B	Miss Gardiner
Section B	TTS 10:00	— ML 203B	Mr. Smith

Laboratories

Section A	M 10:00	— ML 1C	Mr. Smith
Section B	M 1:30	— ML 203B	Miss Gardiner
Section C	W 11:00	— ML 8A	Mr. Smith
Section D	Th 1:30	— ML 203B	Miss Gardine

7-8. SPOKEN AND WRITTEN FRENCH

Oral and written French, based upon the reading of narrative, dramatic, and critical literature; free and formal composition. Conducted chiefly in French.

Prerequisite: French 5-6

Schedule: TTS 8:00 — ML 206D Mr. Kellenberger

9, 10. INTRODUCTION TO MODERN FRENCH LITERATURE

First semester: sources of contemporary French literature; readings in nineteenth century poetry, prose, and drama; the Romantic Movement, the Scientific Awakening, Realism, Parnassian Poetry, Naturalism, Symbolism. Second semester: contemporary French literature; the modern movement in poetry; the contemporary theater; the "roman fleuve"; and other prose of the twentieth century. Conducted in English.

Prerequisite: French 3-4 with mark of A or B, or French 5-6

Schedule: MWF 8:00 — ML 206D Mr. Smith

* 11, 12. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY

A study of the principal masterpieces of French classical literature chosen from the work of Descartes, Pascal, Corneille, Racine, Molière, La Fontaine, and other writers of the period. Conducted chiefly in French.

Prerequisite: French 7-8 or 9, 10

Schedule: TTS 11:00 — ML 207D Mr. Smith

† [13, 14. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY]

Characteristic works of Montesquieu, Buffon, Voltaire, Diderot, Rousseau, Marivaux, Beaumarchais, Abbé Prévost, and Chénier; Romantic poets of the nineteenth century. Conducted chiefly in French.

Prerequisite: French 7-8 or 9, 10

[15, 16. FRENCH LITERATURE OF THE
NINETEENTH CENTURY]

Characteristic works of representative men, and the various literary movements of French literature of the nineteenth century.

Prerequisite: French 7-8 or 9, 10

19, 20. 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 7-8 or 9, 10

Schedule: TTS 10:00 — ML 208A

Mr. Strong

21. ADVANCED SPOKEN AND WRITTEN FRENCH

Reading, speaking, and reciting French with a view to developing a correct accent; intended primarily for advanced students and prospective teachers. Conducted in French.

Prerequisite: French 7-8

Schedule: MWF 1:30 — ML 206D

Mr. Strong

22. 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 7-8 or 9, 10; or Spanish 9, 10 or 11, 12

Schedule: MWF 1:30 — ML 206D

Mr. Strong

23, 24. 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 19, 20

Schedule: to be arranged

Mr. Strong

GERMAN

Major requirements: German 5-6 or 9, 10; 13, 14 or 15, 16; 17, 18 or 19, 20; 25, 26; English 11-12; History 1, 2 or 5, 6; and two years of French or Spanish (if the student has not already had the equivalent in high school).

NOTE: In German 1-2, 3-4, 5-6, and 9, 10 students are allocated on the bases 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.

1-2. ELEMENTARY GERMAN

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

Prerequisite: none

Schedule:

Section A	MWF 9; Tu. 12 — ML 207D	Mr. Schmidt
Section B	MWF 10; Th. 12 — ML 207D	Mr. Schmidt
Section C	TTS 10; M 12 — ML 206D	Mr. Bither

3-4. INTERMEDIATE GERMAN

Review of forms, and grammatical and syntactical principles; conversation; intensive reading of prose and poetry; collateral reading; systematic study of vocabulary and idioms.

Prerequisite: German 1-2 or two years of high school German

Schedule:

Section A	MWF 11:00 — ML 206D	Mr. Bither
Section B	TTS 9:00 — ML 206D	Mr. Schmidt
Section C	TTS 11:00 — ML 206D	Mr. Schmidt

5-6. 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. Conducted chiefly in German.

Prerequisite: German 3-4 or three years of high school German

Schedule: TTS 9:00 ML 207D Mr. McCoy

[9, 10. INTRODUCTION TO GERMAN LITERATURE]

Readings in eighteenth, nineteenth, and twentieth century poetry, prose, and drama. Masterpieces from representative writers, including Lessing, Goethe, Schiller, Grillparzer, Hebbel, and Hauptmann.

Prerequisite: German 3-4 or three years of high school German

[13, 14. GERMAN LITERATURE OF THE EIGHTEENTH CENTURY]

The literature of the Classical Period; Klopstock, Wieland, Herder, Lessing, Goethe, and Schiller. Emphasis on a detailed study of the masterpieces of Goethe and Schiller. Additional work will be required of any student who has passed a course beyond German 9, 10.

Prerequisite: German 5-6 or 9, 10

[15, 16. GERMAN LITERATURE OF THE NINETEENTH 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 9, 10.

Prerequisite: German 5-6 or 9, 10

[17, 18. 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 9, 10

Prerequisite: German 5-6 or 9, 10

19, 20. 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 13, 14, or 15, 16, or 17, 18; or German 5-6 or 9, 10 and 25, 26.

Schedule: to be arranged

Mr. Bither

23, 24. 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 17, 18 or 19, 20

Schedule: to be arranged

Mr. McCoy

25, 26. 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 German language required.

Prerequisite: sophomore standing, at least

Schedule: TTS 10:00 — ML 207D

Mr. McCoy

SPANISH

Major requirements: Spanish 5-6; 9, 10; 11, 12; 23, 24; English 11-12; German 25, 26; History 1, 2 or 5, 6; 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 include French 22 among his elections.

NOTE: In Spanish 1-2, 3-4, and 5-6 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.

1-2. ELEMENTARY SPANISH

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

Prerequisite: none

Schedule:

Section A	MWF 9; Th. 12	— ML 203C	Miss Hockridge
Section B	MWF 10; Tu. 12	— ML 206D	Mr. Bither
Section C	TTS 9; F 12	— ML 203C	Miss Gardiner

3-4. 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 1-2 or two years of high school Spanish

Schedule:

Section A	MWF 10:00	— ML 203B	Mr. Strong
Section B	MWF 11:00	— ML 203B	Miss Gardiner
Section C	TTS 10:00	— ML 203C	Miss Gardiner
Section D	TTS 11:00	— ML 203C	Miss Hockridge

5-6. CONVERSATION, COMPOSITION, AND READING

Practice in speaking, writing, and reading Spanish; prose and poetry; sight and collateral reading.

Prerequisite: Spanish 3-4 or three years of high school Spanish

Schedule: MWF 10:00 — ML 203A Miss Buchner

† [9, 10. INTRODUCTION TO SPANISH LITERATURE]

A study of the chief authors, works, and literary movements of Spain since the Renaissance.

Prerequisite: Spanish 3-4 with a mark of A or B, or Spanish 5-6

* 11, 12. SPANISH LITERATURE OF THE
GOLDEN AGE

A study of the chief writers and works of the Classical Period: sixteenth and seventeenth centuries.

Prerequisite: Spanish 3-4 with a mark of A or B; or Spanish 5-6

Schedule: MWF 11:00 — ML 203A Miss Buchner

23, 24. SPANISH SEMINAR

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

Prerequisites: Spanish 9, 10 and 11, 12 (either passed or elected concurrently)

Schedule: TT 1.30 to 2.45—ML 206D Miss Buchner

DIVISION OF SOCIAL SCIENCES

Chairman: Professor Breckenridge

NOTE: For fulfilling the graduation requirement in social studies it is recommended that students elect a freshman-sophomore sequence of History 1, 2 and Economics 1-2, 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: History 5, 6 and Economics 1-2 in the sophomore year; one advanced course in History, one in Government, and one in Economics in each of the last two years.

(b) American Civilization; Adviser, Mr. Fullam

Major requirements: History 3, 4 and Economics 1-2 in the sophomore year; English 29, 30, Government 3, History 17, and Economics 3-4 in junior year; History 7, 8, Philosophy 13, Art 6, and History 23-24 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 examination may be taken at any time during the senior year.

SOCIAL SCIENCE

1-2. 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

Schedule:

Lectures ThS 11:00 — WU 15

Mr. Marriner

Discussion Periods

Section A M 12:00 — ML 201

Section B Tu 11:00 — ML 201

Section C Tu 12:00 — ML 201

Section D W 12:00 — ML 201

BUSINESS ADMINISTRATION

Professor Eustis; Associate Professor Seepe; Asst. Professor Bishop; Mr. Howard, Mr. Williams, Mrs. Manning, and Instructor

Major requirements: Business Administration 1, 2; 5, 6; 7, 8; 16; Economics 1-2; and at least one additional year course in Business Administration or its equivalent. Freshmen intending to major in Business Administration should elect Business Administration 01, 02.

01, 02. INTRODUCTION TO BUSINESS

An introductory survey of the field of business administration.

Prerequisite: standing not higher than freshman

Schedule:

Section A MWF 9:00 — ML 8B

Instructor

Section B MWF 10:00 — ML 8B

Instructor

Section C TTS 8:00 — ML 8A

Instructor

1, 2. ELEMENTARY ACCOUNTING

Introduction to accounting principles and methods; desirable background for other courses in Business Administration.

Prerequisite: sophomore standing, at least; 1 is an "E" course.

Schedule:

Lectures

Section A	MW	8:00 — ML 8A	Mr. Bishop
Section B	MW	9:00 — ML 8A	Mr. Bishop
Section C	TT	10:00 — ML 8A	Mr. Bishop
Section D	TT	11:00 — ML 8A	Mr. Bishop

Laboratories

Section A	M	1:30–3:20 — ML 8A
Section B	Tu	1:30–3:20 — ML 8A
Section C	W	1:30–3:20 — ML 8A
Section D	Th	1:30–3:20 — ML 8A

3, 4. ADVANCED ACCOUNTING

Elaboration of accounting principles introduced in Business Administration 1, 2; emphasis upon theory and interpretation rather than method or procedure.

Prerequisite: Business Administration 1, 2 with satisfactory mark

Schedule: TTS 9:00 — ML 8A Mr. Seepe

5, 6. 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: sophomore standing, at least

Schedule:

Section A	MWF	8:00 — ML 8B	Mr. Williams
Section B	MWF	9:00 — ML 201	Mr. Williams

7, 8. INVESTMENT THEORY AND PRACTICE

Fundamentals of investment; development of an investment policy; management of one's personal financial affairs.

Prerequisite: Business Administration 1, 2 and 5, 6

Schedule:

Section A TTS 8:00 — ML 8B Mr. Eustis and Mr. Williams

Section B TTS 9:00 — ML 8B Mr. Eustis and Mr. Williams

† [9, 10. BUSINESS STATISTICS]

Basic principles and methods of statistics and their application to business problems; emphasis upon systematic collection, careful analysis, logical interpretation and effective presentation of quantitative data.

Prerequisite: junior standing at least

* 11, 12. MARKETING

Study of distribution channels for various classes of consumers' and industrial commodities with emphasis on marketing institutions and their functions. Considerable time is devoted to advertising.

Prerequisite: junior standing, at least

Schedule: TTS 10:00 — ML 8B

Mr. Howard

* 13. INDUSTRIAL MANAGEMENT

Problems of material factors and personal relations in a manufacturing concern; factory location and layout; internal organization; wage payment methods; and scientific management.

Prerequisite: junior standing, at least

Schedule: MWF 11:00 — ML 8B

Mr. Bishop

† [15. BUSINESS LAW]

Fundamentals of business law. Course attempts to provide for the student that practical knowledge of the law which the business man should possess.

Prerequisite: junior standing, at least

16. BUSINESS POLICY

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

Prerequisite: Limited to seniors majoring in Business Administration

Schedule: MWF 11:00 — ML 8B Mr. Howard and Staff

23, 24. SHORTHAND

Introduction to shorthand; Gregg method. One semester-hour of credit; see note below (following page).

Prerequisite: none

Schedule: MWF 2:40 — AB 23 Mrs. Manning

25. ADVANCED SHORTHAND

Dictation of material of literary, informational and vocabulary-building value; methods of teaching shorthand. One semester-hour of credit; see note below.

Prerequisite: Business Administration 24 or equivalent

Schedule to be arranged Mrs. Manning

27, 28. TYPEWRITING

Introduction to touch typewriting; letter arrangement; tabulation; care of the typewriter; related topics. One semester-hour of credit; see note below.

Prerequisite: none

Schedule:

Section A MWF 1:45 — AB 23 Mrs. Manning

Section B MWF 3:45 — AB 23 Mrs. Manning

29. ADVANCED TYPEWRITING

Continuation of Business Administration 28. One semester-hour of credit; see note below.

Prerequisite: Business Administration 28 or equivalent

Schedule to be arranged Mrs. Manning

NOTE: One semester course each in shorthand and typewriting may be elected concurrently for three semester-hours of credit; one semester course taken singly carries one semester-hour of credit only. In no case may a student receive more than six semester-hours of credit for work in shorthand and typewriting.

ECONOMICS AND SOCIOLOGY

Professors Morrow and Breckenridge; Assistant Professor Pullen; Messrs. Birge and Allen

Students planning to do social work should, at the beginning of their sophomore year, consult with the Head of the Department respecting minimum requirements.

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

ECONOMICS

Major requirements: freshman year, Biology 1-2, History 1, 2; sophomore year, Economics 1-2, Sociology 1-2 and Psychology 1, 2; and at least six semester courses in economics in addition to Economics 1-2.

1-2. PRINCIPLES OF ECONOMICS

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

Prerequisite: sophomore standing, at least; for students majoring in economics; Biology 1-2.

Schedule:

Section A	MWF	8:00	—	ML	204C	Mr. Allen
Section B	MWF	9:00	—	ML	204C	Mr. Pullen
Section C	MWF	10:00	—	ML	204C	Mr. Pullen
Section D	MWF	11:00	—	ML	204C	Mr. Breckenridge
Section E	TTS	9:00	—	WU	201	Mr. Allen
Section F	TTS	10:00	—	ML	204C	Mr. Breckenridge
Section G	TTS	11:00	—	WU	201	Mr. Allen

3-4. 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 1-2

Schedule: TTS 11:00 — ML 204C Mr. Breckenridge

† [5-6. PUBLIC FINANCE]

Problems of public revenue, expenditures, taxation, credit, financial administration, and legislation.

Prerequisite: Economics 1-2

* 7-8. WORLD ECONOMICS

This is a study of the major factors essential to an understanding of the economic issues that are confronting the World today.

Prerequisite: Economics 1-2

Schedule: MWF 10:00 — ML 203C

Mr. Allen

* 9. VALUE AND DISTRIBUTION

The construction of a consistent body of economic theory as a foundation for further economic analysis.

Prerequisite: Economics 1-2

Schedule: MWF 9:00 — ML 203A

Mr. Breckenridge

* 10. HISTORY OF ECONOMIC THOUGHT

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

Prerequisite: Economics 9

Schedule: MWF 9:00 — ML 203A

Mr. Breckenridge

11-12. MONEY AND BANKING

A study of the functions of money and monetary standards; the structure and operation of commercial banking and central banking in the United States; monetary theory and its application to current monetary and banking problems.

Prerequisite: Economics 1-2

Schedule: TTS 10:00 — ML 204D

Mr. Pullen

13-14. LABOR ECONOMICS

A study of the economic aspects of labor problems, labor history, unions and management policies, and labor legislation.

Prerequisite: Economics 1-2

Schedule: TTS 9:00 — ML 203B

Mr. Pullen

† [15-16. ECONOMICS SEMINAR]

A seminar devoted to the consideration of the major contributions to economic theory, with emphasis on current theory.

Prerequisite: Economics 1-2 and senior standing

SOCIOLOGY

Major requirements: Biology 1-2; Economics 1-2; Psychology 1-2; Sociology 1-2, 3-4, and any two other courses. Sociology 7-8 is required in the senior year. The following courses are especially important for students planning to enter social work. Economics 13-14; History 3-4; Psychology 3, 4, 9, 12; Sociology 5, 6, 9-10.

1-2. 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; for students majoring in Sociology; Biology 1-2.

Schedule:

Section A	MWF 8:00 —	WU 201	Mr. Birge
Section B	MWF 9:00 —	WU 202	Mr. Birge
Section C	MWF 10:00 —	WU 11	Mr. Morrow
Section D	TTS 8:00 —	WU 201	Mr. Birge

* 3. SOCIAL THEORY

A study of the development of social thought from Plato to the present with special emphasis on the works of Plato, Machiavelli, Veblen and Bellamy.

Prerequisite: Sociology 1-2

Schedule: MWF 11:00 — WU 11 Mr. Morrow

* 4. POPULATION THEORY

A survey of the major theories of population, with emphasis on reading original sources, vital statistics, population trends, and dynamic effects of population pressure.

Prerequisite: Sociology 1-2

Schedule: MWF 11:00 — WU 11 Mr. Morrow

† [5. 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 1-2

† [6. 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 1-2

7-8. SOCIOLOGY SEMINAR

A seminar in the methods of social surveys, field studies, and research.

Prerequisite: Sociology 3, 4

Schedule: Tu 1:30-4:00 — WU 11

Mr. Morrow

† [9-10. RACE AND MINORITY GROUPS]

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

Prerequisite: Sociology 1-2

* 11-12. 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 1-2

Schedule: TTS 9:00 — WU 11

Mr. Birge

13e. MARRIAGE AND THE FAMILY

A course which presents the available scientific knowledge about marriage. It deals with: mate selection, courtship, engagement, sex relations, emotional maturity, legal control, in-laws, finances, family planning and reproduction, family maladjustments, and the functions of marriage counseling. This is a one semester course given each semester.

Prerequisite: senior standing

Schedule: MWF 9:00 — WU 11

Mr. Morrow

EDUCATION AND PSYCHOLOGY

Professor Colgan; Associate Professor Smith;
Assistant Professor Goulston; Instructor

The College, through this Department, has undertaken to provide for students to meet in full the minimum requirements established by the Maine State Department of Education for the First Provisional Professional Secondary 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). These certification requirements must be met in full before appointment to any teaching position in the public secondary schools of Maine is possible.

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 5, 6.

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 required 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, before the junior year, 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, posture, voice, general appearance, physical and mental vigor, emotional stability, in the major personality traits and in scholarship. Special methods courses for prospective teachers may be included among the courses presented for certification. All teaching candidates must elect Education 1, 2, 3 and, if possible, Psychology 3 or 4. No student will be permitted to elect more than two full courses (12 semester-hours) in education in any one year.

EDUCATION

1. PRINCIPLES OF SECONDARY EDUCATION

The social philosophy underlying the secondary school and its historical evolution; consideration of aims, functions, current practices, and present trends.

Prerequisite: junior standing

Schedule: MWF 1:30 — ML 201B

Mr. Smith

2. EDUCATIONAL PSYCHOLOGY

Principles of the learning process; acquiring knowledge and skill; habit formation; study of the child as a learner and member of the school community; physical and mental health of the pupil; psychological functions and responsibilities of the teacher.

Prerequisite: junior standing and Psychology 1

Schedule: MWF 1:30 — ML 201B

Mr. Smith

3. GENERAL METHODS OF JUNIOR–SENIOR HIGH SCHOOL TEACHING

Methods of classroom instruction and management; testing and marking; problems of the novice; observation of teaching in local schools; demonstration teaching in class.

Prerequisite: junior standing; seniors admitted by permission.

Schedule: TTS 8:00 — ML 201B

Mr. Smith

4. EDUCATIONAL TESTS AND MEASURES

History of the measurement movement; essential elements of educational statistics; the uses of standard tests and scales; construction and use of informal objective tests; improved essay type; diagnostic values of objective-type testing.

Prerequisite: Education 2

Schedule: TTS 8:00 — WU 16

Mr. Smith

5e. DIRECTED TEACHING IN JUNIOR–SENIOR HIGH SCHOOL

A semester of teacher-apprenticeship, including observation of classroom procedures and actual teaching under supervision; conferences and reports; a course required in many states for certification. Offered each semester.

Prerequisite: senior standing and above-average marks in teaching subjects and in Education 3; special permission.

Schedule: Tu 4:00 — ML 203A

Mr. Smith

9, 10. PROBLEMS IN EDUCATION

Independent study of special problems in education. Intended for high ranking Seniors whose training and experience qualify them for the work.

Prerequisite: special permission and senior standing

Schedule: MWF 4:00 — ML 203A Messrs. Colgan and Smith

SPECIAL TEACHING METHODS

English 23, 24: The Teaching of English	Mrs. Smith
French 22: Teaching French and Spanish in Secondary School	Mr. Strong
Latin 11: Teaching of Latin	Mr. Carr
Mathematics 20: Teaching Mathematics in Secondary School	Miss Pinette
Physics 20: Teaching Science in Secondary School	Mr. Brown
Art 14: Teaching of Art in the Schools	Mr. Seeley

PSYCHOLOGY

Major requirements: Psychology 1, 2, 5, 6, 9, 10; and Biology 1-2 or Sociology 1-2. Psychology 13, 14 is required of Seniors planning to do graduate work in psychology.

NOTE: courses in advanced physics, biology, and statistics, and a good reading knowledge of French and German will prove especially valuable for graduate study. Attention is invited to the opportunity for concentrating in psychology jointly with one of the following subjects: biology, philosophy, religion or sociology.

1. 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: junior standing; for students majoring in nursing, medical technology or the social studies, sophomore standing. This is an "E" course.

Schedule:

Lectures MW 9:00 — WU 15

Mr. Colgan

Discussion periods

Section A	F	9:00 — WU	15	Instructor
Section B	F	10:00 — WU	15	Instructor
Section C	F	11:00 — WU	15	Instructor
Section D	S	9:00 — WU	16	Instructor
Section E	S	10:00 — WU	15	Instructor
Section F	S	11:00 — WU	16	Instructor

2. APPLIED PSYCHOLOGY

Applications of psychology to business, industry, personnel problems, criminology, psycho-pathology, medicine, and mental hygiene.

Prerequisite: Psychology 1

Schedule: Same as Psychology 1

Mr. Colgan

3. PSYCHOLOGY OF CHILDHOOD

Genetic study of childhood from the prenatal period to adolescence; problems of adjustment to growth and to social environment. Observations of children; reports. Intended for students interested in teaching, social work, counseling, and parenthood.

Prerequisite: junior standing, at least; Psychology 1, except by special permission

Schedule: TTS 12:00 — WU 15

Mr. Goulston

4. PSYCHOLOGY OF ADOLESCENCE

A sequent of Psychology 3, with special emphasis on the psycho-physiological adjustments of adolescence, social relations, career motivations, and emotional balance. Individual case studies and reports.

Prerequisite: junior standing, at least; Psychology 1, except by special permission

Schedule: TTS 12:00 — WU 15

Mr. Goulston

5, 6. EXPERIMENTAL PSYCHOLOGY

The application of scientific methods to the study of mental processes and to human affairs in everyday life.

Prerequisite: junior standing, at least; and Psychology 1 with a mark of C or better. 5 is prerequisite for 6 and is an "E" course

Schedule:

Section A MW 2:30-4:20 — WU 16

Mr. Goulston

Section B TT 2:30-4:20 — WU 16

Mr. Goulston

7. SOCIAL PSYCHOLOGY

Orientation of the individual in society; society's stake in the individual; psychological bases of behavior; social interaction; psychological factors of social institutions and of social conflicts.

Prerequisite: Psychology 1, 2 or Sociology 1-2, with a mark of C or better

Schedule MWF 11:00 — WU 16

Mr. Colgan

8. PROBLEMS IN SOCIAL PSYCHOLOGY AND GENERAL SEMANTICS

Applications of Psychology 7 and study of the impact of conditioned language patterns on mental health. Problems of language and reality, personal and social effects of abstracting and labeling, semantics and mental disorders, common maladjustments and semantic re-education; semantic exercises. Monthly reports or a semester thesis.

Prerequisite: Psychology 7 with a mark of C or better

Schedule: MWF 11:00 — WU 16

Mr. Colgan

9. STATISTICS FOR PSYCHOLOGY

Role of measurement in psychology, distribution of scores, graphical representation, measures of central tendency and of variability, distribution curves and applications, sampling and inferences, correlation techniques, probabilities, testing hypotheses, limitations and values of statistical measures in the field of psychology.

Prerequisite: Psychology 1, 2; at least one year of college mathematics or two years of high school mathematics

Schedule: MWF 8:00 — WU 16

Instructor

10. PSYCHOLOGICAL TESTS

A continuation of Psychology 9; historical survey, analysis, and training in use of psychological tests. Application of principles and techniques of statistics, with emphasis on testing in the fields of intelligence, personality, aptitudes, and interests.

Prerequisite: Psychology 9

Schedule: MWF 8:00 — WU 16

Instructor

11. INDUSTRIAL PSYCHOLOGY

Applications of psychology to industry and business: selling, advertising, consumer contacts; personnel selection, training, promotion; work conditions; socio-economic aspects; fatigue, monotony, accidents, and other psychological factors.

Prerequisite: Psychology 2

Schedule: MWF 12:00 — WU 15

Mr. Goulston

12. PSYCHOLOGY OF PERSONALITY

Theories and determinants of personality; dynamics of human adjustment; subjective and objective analyses; projective and non-directive techniques. Foundations for counseling and interview procedures: teachers, social workers, nurses and psychiatric aides.

Prerequisite: Psychology 2

Schedule: MWF 12:00 — WU 15

Mr. Goulston

13, 14. SEMINAR IN PSYCHOLOGY

Independent study of special problems. Intended for students whose training and experience qualify them for self-motivated effective work in one of the following fields: (a) experimentation or elementary research in psychology, (b) comparative study of the history and schools of psychology, (c) psychological testing and personality analysis, (d) applications of psychology in commercial, industrial, and other fields, (e) inter-departmental areas of psychology and sociology, biology, philosophy, or religion.

Prerequisite: special permission; senior status

Schedule: to be arranged

Mr. Colgan

Departmental Staff

Associated Staffs

HISTORY AND GOVERNMENT

Associate Professors Fullam and *Anthon; Assistant Professor Flechtheim; Mr. Gillum

Attention is invited to the opportunity for concentrating in (1) history, government, and economics; (2) American civilization. See page 67.

* On leave of absence 1949-50.

HISTORY

Major requirements: eight semester courses in history, including History 1, 2 (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 1-2 is particularly recommended.

1, 2. THE DEVELOPMENT OF WESTERN THOUGHT AND INSTITUTIONS

An introductory course designed to introduce the student to the cultural heritage of the western world by a 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; 1 is an "E" course and is prerequisite for 2.

Schedule:

Lectures Tu 11:00 — ML 201B

Discussion periods

Section A	WF	8:00 — ML 201	Mr. Flechtheim
Section B	WF	11:00 — ML 201	Mr. Gillum
Section C	ThS	10:00 — ML 201B	
Section D	ThS	11:00 — ML 203B	Mr. Flechtheim
Section E	ThS	11:00 — ML 201B	
Section F	ThS	11:00 — ML 201	Mr. Gillum

3, 4. HISTORY OF THE UNITED STATES, 1776-1949

United States history from the Declaration of Independence to the present time, with special emphasis on the evolution of American ideals and institutions.

Prerequisite: sophomore standing, at least; 3 is an "E" course and is prerequisite for 4.

Schedule:

Lectures MW 10:00 — ML 201A Mr. Fullam

Discussion periods

Section A	Tu	9:00 — ML 201A
Section B	Th	9:00 — ML 201A
Section C	F	8:00 — ML 201A
Section D	F	10:00 — ML 201A
Section E	S	9:00 — ML 201A

5, 6. HISTORY OF MODERN EUROPE, 1789-1947

From the outbreak of the French Revolution to the present time, with special emphasis on the background of recent world conflicts and contemporary problems.

Prerequisite: sophomore standing, at least; 5 is an "E" course and is prerequisite for 6.

Schedule: MWF 10:00 — ML 201B

* 7. AMERICAN COLONIAL HISTORY, 1492-1763

European exploration and discovery: the settlement and development of the American colonies and institutions.

Prerequisite: History 3, 4, and junior standing, at least

Schedule: TTS 10:00 — ML 201A Mr. Fullam

* 8. THE AMERICAN REVOLUTION AND THE FORMATION OF THE UNION

A continuation of History 7

Prerequisite: History 7

Schedule: TTS 10:00 — ML 201A Mr. Fullam

[9. 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, and the background of World War II.

Prerequisite: sophomore standing, at least

10. 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 5, 6, junior standing, or special permission

Schedule: MWF 11:00 — ML 201A Mr. Flechtheim

11. RENAISSANCE AND REFORMATION

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

Prerequisite: sophomore standing, at least

Schedule: MWF 11:00 — ML 201B

12. HISTORY OF RUSSIA

Political and social development of the Russian people from the time of Peter the Great to the present, with special emphasis on the emergence of Soviet Russia as a world power.

Prerequisite: History 1, 2; and junior standing at least

Schedule: MWF 11:00 — ML 201B

[13. MEDIEVAL CIVILIZATION]

The political, cultural, and institutional history of Europe from the decline of the Roman Empire to the development of national states.

Prerequisite: sophomore standing, at least

[14. ENGLISH CONSTITUTIONAL HISTORY]

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

Prerequisite: History 15, 16

15, 16. HISTORY OF ENGLAND

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

Prerequisite: sophomore standing, at least; 15 is an "E" course.

Schedule:

Section A MWF 12:00 — ML 201B

Section B TTS 12:00 — ML 201B

Mr. Gillum

Mr. Gillum

17. 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

Schedule: TTS 10:00 — ML 201

Mr. Gillum

[18. 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 1, 2; and junior standing, at least.

[19. 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 3, 4

† [20. HISTORY OF WESTWARD EXPANSION]

Study and critical evaluation of the frontier thesis in American History.

Prerequisite: History 3, 4

Schedule: MWF 11:00 — ML 201A

Mr. Fullam

21, 22. CLASSICAL CIVILIZATION

The cultures of Greece and Rome, and their contributions to the western world.

Prerequisite: sophomore standing, at least

Schedule: MWF 9:00 — ML 201A

Mr. Bliss

23-24. 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

Schedule: to be arranged

Mr. Flechtheim and Staff

25. TOPICS IN HISTORY

Study of History through special topics.

Prerequisite: senior standing and History major.

Schedule: to be arranged

Staff

GOVERNMENT

1, 2. 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 1, 2, and sophomore standing, at least; 1 is an "E" course and is prerequisite for 2.

Schedule: TTS 12:00 — ML 201A Mr. Flechtheim

3. AMERICAN GOVERNMENT AND POLITICS

The organization and administration of our national government.

Prerequisite: History 3, 4; sophomores by permission

Schedule: TTS 11:00 — ML 201A Mr. Fullam

4. PUBLIC ADMINISTRATION

An introduction to administration in American government; the legislative relationships, and the principles of executive control and coordination.

Prerequisite: Government 3; others by permission

Schedule: to be arranged Mr. Fullam

5, 6. 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: junior standing, at least; 5 is an "E" course.

Schedule: TTS 9:00 — ML 201B Mr. Flechtheim

† [7. AMERICAN FOREIGN POLICY]

A survey of the historic principles of foreign policy, and modern problems.

Prerequisite: History 3, 4 or 5, 6; and junior standing, at least

8. INTERNATIONAL RELATIONS

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

Prerequisite: junior standing, at least

Schedule: TTS 10:00 — ML 201

Mr. Gillum

[12. RESEARCH IN UNITED STATES GOVERNMENT]

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

Prerequisite: Government 3

PHILOSOPHY AND RELIGION

Professors Newman and Bixler; Associate Professor Clark; Assistant Professor Wagoner

NOTE: A major in philosophy and religion jointly may be arranged with the head of the department.

PHILOSOPHY

Major requirements: Philosophy 4, 5, 6 or 13, and 17 or 18, together with four further semester courses, some or all of them in other fields, to be selected with the approval of the head of the department to make a well-rounded liberal education and a good background for philosophical studies.

As general introductions to philosophy available to the student during his sophomore year or later, the following three alternatives are offered to be chosen according to the preference of the student; Philosophy 3, 4; Philosophy 5, 6; Philosophy 7, 8. The content of each of these courses has been integrated with the appropriate parts of the freshman course, Social Science 1, 2 (Man and His World) which, however, is not a prerequisite. It will be noted that various courses in religion may be elected at the same academic level.

3. PHILOSOPHY AND THE SCIENCES

The philosophical implications of the Copernican revolution in Astronomy, the Theory of Evolution in Biology, and of some of the outstanding findings of contemporary physical and social science.

Prerequisite: sophomore standing, at least

Schedule: MWF 11:00 — ML 207D

Mr. Clark

4. LOGIC

The distinction between valid and invalid reasoning in common thought. An introductory study of the logic of scientific method and of the role of logic in the varied types of human thought. Practice in detecting fallacies.

Prerequisite: sophomore standing, at least

Schedule: MWF 11:00 — ML 207D

Mr. Clark

5. HISTORY OF PHILOSOPHY — ANCIENT

A study of the thought of a few of the greatest ancient philosophers, with special consideration of Socrates, Plato, Aristotle, Epicurus, Plotinus and St. Augustine.

Prerequisite: sophomore standing, at least

Schedule: TTS 8:00 — ML 204D

Mr. Clark

6. HISTORY OF PHILOSOPHY — MODERN

European philosophy from Descartes to Whitehead, with special attention to the works of Spinoza, Locke, Hume, Rousseau, Kant and Schopenhauer.

Prerequisite: sophomore standing, at least

Schedule: TTS 8:00 — ML 204D

Mr. Clark

[7. ETHICS]

A study of the meaning of right and wrong, better and worse, in human relationships. The relation of these conceptions and their presuppositions to the findings of the social sciences and to contemporary social problems. The relation between ethics and religion.

Prerequisite: sophomore standing, at least

[8. THE PRESENT CONFLICT OF SOCIAL PHILOSOPHIES]

A study of the philosophical doctrines of Fascism, Communism, and the Democratic conception of Civilization.

Prerequisite: sophomore standing, at least

9-10. ETHICAL ISSUES IN THE MODERN WORLD

A course taught cooperatively by all members of the Department of Philosophy and Religion, and some outside speakers, dealing with specific contemporary problems of decision. Sequence of topics: the relevance of ethics in an atomic age; the ethics of power and particularly of different types of social power; the program of non-violence and the conscientious objector; ethics of totalitarianism and democracy; human rights; the rights of racial and religious minorities; human duties; freedom and security; American sexual morality and the family; ethical principles relating to crime and punishment; business and professional ethics. The course will be conducted as a cooperative search, on the part of the instructors and students jointly, for a system of ethical principles adequate to deal with such topics as those listed above. Weekly readings, panel discussions, and lectures.

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

Schedule: TT 1:30-2:45 Messrs. Bixler, Newman, Clark, and Wagoner.

[13. 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

[15. 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

17, 18. PHILOSOPHY SEMINAR

Special topics chosen each year to meet the needs of philosophy majors.

Prerequisite: ordinarily a major in philosophy is required but specially qualified students not majoring in philosophy may sometimes be admitted with the consent of the instructor.

Schedule: to be arranged

Mr. Clark

RELIGION

Major requirements: Religion 1, 2, 3, 4 and at least four additional semester courses selected with the approval of the Head of Department.

1. OLD TESTAMENT LITERATURE

Stress on historical development, types of literature, contemporary culture and religious message.

Prerequisite: standing not higher than sophomore

Schedule:

Section A	MWF 10:00 — WU 202	Mr. Newman
Section B	TTS 10:00 — WU 201	Mr. Newman

2. EARLY CHRISTIAN LITERATURE

Books of the New Testament; historical background; Jesus, Paul and the early Church fathers.

Prerequisite: standing not higher than sophomore

Schedule:

Section A	MWF 10:00 — WU 201	Mr. Newman
Section B	TTS 10:00 — WU 201	Mr. Newman

3. RELIGIONS OF THE WORLD

Religions of Primitives, Egypt, Babylonia, Persia, India, China, and Japan.

Prerequisite: sophomore standing, at least

Schedule: MWF 9:00 — WU 12 Mr. Newman

4. RELIGIONS OF THE WORLD

Judaism, Mohammedanism, Christianity; Slavic and Teutonic.

Prerequisite: sophomore standing, at least

Schedule: MWF 9:00 — WU 12 Mr. Newman

[5. PSYCHOLOGY OF RELIGION]

Racial beginnings and development of religious consciousness; growth of a child's knowledge of God; religion of adolescence; the experience of worship; mysticism and conversion; belief in God and immortality.

Prerequisite: junior standing, at least

[6. SOCIOLOGY OF RELIGION]

Significance of religion as an integrating and differentiating force in human society; impact of social agencies on religion; relation of religion in its varied forms of organization to the state; types of authority in the religions of mankind.

Prerequisite: junior standing, at least

[7. SOCIAL TEACHINGS OF THE PROPHETS:]
JESUS AND PAUL

Intensive study of the fundamental social teachings of Judaism and Christianity; application to the leading social problems.

Prerequisite: junior standing, at least

9. VARIETIES OF RELIGIOUS PERSONALITIES

An attempt to understand and appreciate the many types of religious leaders, as exemplified in such representative figures as Jesus, Augustine, Francis, Aquinas, Luther, Wesley, Edwards, D. L. Moody, Gandhi, Kagawa, Mary Baker Eddy, Schweitzer, Fosdick, and Niebuhr.

Prerequisite: sophomore standing, at least

Schedule: TTS 11:00 — Chapel

Mr. Wagoner

10. RELIGION AND MODERN LIFE

A survey of contemporary Protestantism, Roman Catholicism and Judaism with the intention of understanding their common as well as their distinctive heritage. Major attention to respective teachings about God, Christ, Human Nature, Church, State, Sex and Marriage, Social Reform, Power Politics; minor attention to contemporary cults.

Prerequisite: sophomore standing, at least

Schedule: TTS 11:00 — Chapel

Mr. Wagoner

DIVISION OF SCIENCE*Chairman:* PROFESSOR WEEKS**PRE-MEDICAL MAJOR***Adviser:* Professor Woodin

Students preparing for medical school usually take a specially arranged field of concentration called the pre-medical major. In addition to courses required of all students for graduation, this major requires the following specific courses: Chemistry 1, 2; 5, 6; 7, 8; 9, 10; Biology 1-2, 5, 6 or 7, 8; Physics 1, 2 or 3, 4; Mathematics 1, 2. All applicants for medical school are required to take the Medical Aptitude Test at some time preceding the completion of the college course.

BIOLOGY

Professor Gates; Assistant Professors Woodin and McKey;
Mrs. Barteaux

Major requirements: Biology 1-2; 3, 4; 5, 6; 7, 8; 11. Students preparing for graduate study in biology should elect at least: one years work in mathematics, one in physics, two in chemistry (inorganic and organic), and one in geology. For certain types of graduate work additional work in some of those sciences may be advisable. Students wishing to be recommended for teaching biology in the secondary schools must elect Biology 1-2 and 3, 4.

1-2. GENERAL BIOLOGY

A. Laboratory: Study of a frog, to illustrate macroscopical and microscopical structure of a common backboned animal and its embryological development. Lectures: Physiology of backboned animals, with special reference to man; digestion, circulation, respiration, excretion, chemical and nervous control, reproduction, mitosis, meiosis.

B. Laboratory: Study of a common flowering plant, to illustrate macroscopical and microscopical structure, and of other selected representatives of the plant and animal kingdoms. Lectures: Physiology of flowering plants; classification and phylogeny of living organisms; heredity.

Each student will provide himself with a standard set of dissecting instruments (which may be purchased at the College Book Store), standard drawing paper, pencil and eraser.

Prerequisite: standing no higher than sophomore

Schedule:

Lectures

Section A	TTS	8:00 — WU 15	Mr. Gates
Section B	TTS	9:00 — WU 15	Mr. Gates

Laboratories

Section A	M	1:45– 3:35 — Co 22	Mr. McKey
Section B	Tu	1:45– 3:35 — Co 22	Mr. McKey
Section C	W	10:15–12:05 — Co 22	Mrs. Barteaux
Section D	W	1:45– 3:35 — Co 22	Mrs. Barteaux
Section E	Th	1:45– 3:35 — Co 22	Mr. McKey
Section F	F	1:45– 3:35 — Co 22	Mrs. Barteaux

3, 4. BOTANY

First Semester: Anatomy and physiology of Plants.

Second Semester: Succession of Plant forms from Algae to Flowering Plants with main emphasis on reproduction and economic value.

Prerequisite: Biology 1–2; 3 is prerequisite for 4

Schedule:

Lectures	TTS	8:00 — WU 12	Mrs. Barteaux
Laboratory	Th	1:45–3:35 — Co 32	

5, 6. COMPARATIVE ANATOMY OF THE VERTEBRATES

The comparative anatomy and evolution of vertebrate animals.

Prerequisite: Biology 1, 2; 5 is prerequisite for 6

Schedule:

Lectures	MW	7:45 — Co 32	Mr. Woodin
Laboratory	MW	1:45–3:35 — Co 13	

7. MICROSCOPIC ANATOMY AND TECHNIQUE

A study of the fundamental tissues and organs of vertebrates, with consideration of laboratory methods of preparation, and practice with the paraffin method of imbedding and sectioning of tissues, staining and mounting.

Prerequisite: Biology 1, 2

Schedule: MWF 10:15-12:05 — Co 32, 33 Mr. Woodin

8. VERTEBRATE EMBRYOLOGY

A study of early vertebrate development with particular attention to the frog and chick. Consideration of the germ cells, maturation, cleavage, and early organography.

Prerequisite: Biology 1, 2

Schedule: MWF 10:15-12:05 — Co 32, 33 Mr. Woodin

[9. INVERTEBRATE ZOOLOGY]

For Biology 9 a summer school course in zoology taken at the seashore may be substituted.

10. MICROBIOLOGY

A study of yeasts, molds, and bacteria; their role in the living world, and their relation to man and his activities.

Prerequisite: Biology 1, 2; Chemistry 1, 2.

Schedule: TT 1:45-4:35 — Co 32, 33 Mr. Woodin

11. GENETICS

A study of the mechanism of heredity; its application to man and its social importance.

Prerequisite: Biology 1-2

Schedule: MWF 11:15 — Co 12 Mr. Gates

12. EVOLUTION

Proofs, factors and causes of Evolution.

Prerequisite: permission of instructor

Schedule: MWF 11:15 — Co 12 Mr. Gates

13, 14. BIOLOGY SEMINAR

Prerequisite: special permission

Schedule: hours to be arranged Mr. Gates

15. HUMAN PHYSIOLOGY

The physiology of the systems of the human body. Lectures and laboratory. In addition, visits to hospitals and other institutions.

Prerequisite: Biology 1-2 and Chemistry 1, 2

Schedule: TTS 10:15-12:05 — Co 22 Mr. McKey

16. HUMAN ANATOMY

Lectures, assigned readings and visits to hospitals and other institutions. Laboratory work on the cat.

Prerequisite: Biology 1-2

Schedule: TTS 10:15-12:05 — Co 22 Mr. McKey

Courses 15 and 16 are designed primarily for students majoring in Nursing or Medical Technology.

CHEMISTRY

Professor Weeks; Associate Professor Ray; Assistant Professor Jaquith

Major requirements: Chemistry 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, and at least one of the more advanced courses. Students intending to major in chemistry should, upon entering college, consult with the head of department respecting the choice of courses in chemistry and related subjects which will best suit their needs.

1, 2. 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; 1 is prerequisite for 2.

Schedule:

Lectures: WF 11:15 Ch 14 Mr. Weeks

Laboratories Quiz Periods

A	M	2:45-5:35	—	Ch 11	A	M	1:45	—	Ch 14
B	Tu	2:45-5:35	—	Ch 11	B	Tu	1:45	—	Ch 14
C	W	2:45-5:35	—	Ch 11	C	W	1:45	—	Ch 14
D	Th	2:45-5:35	—	Ch 11	D	Th	1:45	—	Ch 14

5. 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 1, 2

Schedule:

Section A	MWF 2:40-4:35 — Ch 04	Mr. Jaquith
Section B	TTS 7:45-9:35 — Ch 04	Mr. Jaquith

6. 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 5

Schedule:

Section A	MWF 2:45-4:35 — Ch 04	Mr. Jaquith
Section B	TTS 7:45-9:35 — Ch 04	Mr. Jaquith

7, 8. 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 5, 6 (either passed or elected concurrently)

Schedule: TTS 10:15-12:05 — Ch 14 Mr. Ray

9, 10. ORGANIC CHEMISTRY

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

Prerequisite: Chemistry 1, 2; 9 is prerequisite for 10

Schedule:

Lectures	MWF 7:45 — Ch 14	Mr. Weeks
Laboratories	TT 2:45-5:35 — Ch 03	Mr. Weeks

11, 12. PHYSICAL CHEMISTRY

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

Prerequisite: Chemistry 5, 6; and 7, 8. Math 3, 4 either passed or elected concurrently

Schedules:

Lectures	MWF 11:15 — Ch 02	Mr. Ray
Laboratory	WF 2:45–4:35 — Ch 02B	

[13, 14. APPLIED CHEMISTRY]

The more important applications of organic, inorganic, and physical chemistry to industrial processes.

Prerequisite: Chemistry 5, 6, 9, 10

15, 16. CHEMISTRY SEMINARS

Section A Analytical Chemistry	MW 1:45 Ch 15	Mr. Ray
Section B Physical Chemistry	MW 1:45 Ch 15	Mr. Ray
Section C Organic Chemistry	TT 1:45 Ch 26	Mr. Weeks

Conferences, library and experimental work in one of the fields of Chemistry indicated above.

Prerequisites: Chemistry 1, 2, 5, 6, 7, 8, 9, 10, 11, 12 (either passed or taken concurrently)

GEOLOGY AND GEOGRAPHY

Associate Professor Koons and Mr. Rush

Major requirements: Geology 1–2, 11, 12 and an additional four courses from the department listings. For qualified students a joint major may be arranged with the Departments of Biology or Physics, the courses to be selected after consultation with heads of departments. Students intending to major in geology should, upon entering college, confer with the Head of the Department concerning the choice of courses in allied sciences which will provide the most satisfactory program.

1-2. PHYSICAL AND HISTORICAL GEOLOGY

The topographic forms of the earth's surface and the natural agencies which produce them: rivers, subsurface water, glaciers, winds, shore processes, volcanism and forces of crustal deformation. Geology of the Waterville region. 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. Geology 1 is required for admission to Geology 2.

Schedule:

Lectures MWF 8:00 — WU 15

Mr. Koons

Laboratories

Section A M 1:45-3:35 — Ch 23

Section B Tu 1:45-3:35 — Ch 23

Section C W 1:45-3:35 — Ch 23

Section D Th 1:45-3:35 — Ch 23

Section E F 1:45-3:35 — Ch 23

11. MINERALOGY

Crystallography, chemical analysis, and methods for determination of minerals. Collecting trips to nearby mineral localities.

Prerequisite: Geology 1-2

Schedule:

Lectures MW 11:15 — Ch 28

Mr. Rush

Laboratory W 1:45-4:35 — Ch 28

12. PETROLOGY

Rocks of the earth's crust, their origin, structure, and composition. Studies of occurrences in the field.

Prerequisite: Geology 1-2, 11

Schedule:

Lectures MW 11:45 — Ch 28

Mr. Rush

Laboratory W 1:45-4:35 — Ch 28

† [13. ECONOMIC GEOLOGY]

Study of the occurrence and production of the world's metallic ore deposits and non-metallic resources.

Prerequisite: Geology 1-2, 11, 12

† [14. STRUCTURAL GEOLOGY]

Analysis of rock structures and their significance; structural problems; the structure of the Waterville region.

Prerequisite: Geology 1-2, 11, 12

* 15. GLACIAL GEOLOGY

Mechanics of ice; history and deposits of the Glacial Period, with special attention to features in Maine.

Prerequisite: Geology 1-2

Lectures TT 11:15 — Ch 28

Mr. Koons

Laboratory Th 1:45-3:35 — Ch 28

* 16. MAP INTERPRETATION

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

Prerequisite: Geology 1-2

Lectures TT 11:15 — Ch 28

Mr. Koons

Laboratory Th 1:45-3:35 — Ch 28

† [17. PHYSIOGRAPHY OF THE UNITED STATES]

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

Prerequisite: Geology 1-2

† [18. 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 1-2

* 19. GEOLOGIC FIELD METHODS

Construction of topographical and geological maps; interpretation of aerial photographs; preparation of brief reports.

Prerequisite: Geology 1-2, 14

Lectures TT 7:45 — Ch 28

Mr. Rush

Laboratory F 1:45-3:35 — Ch 28

* 20. APPLIED GEOLOGY

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

Prerequisite: Geology 1-2, 11, 12 and junior standing, at least.

Lecture	TT	7:45 — Ch 28	Mr. Rush
Laboratory	F	1:45-3:35 — Ch 28	

21, 22. PRINCIPLES OF GEOGRAPHY

Principles of geography, meteorology, and climatology. The influence of geography on world politics and economics. Intended as geographical orientation, and credit for the course is not applicable toward meeting the science requirement for graduation.

Prerequisite: sophomore standing, at least

Schedule:	MWF 10:00 — WU 12	Mr. Koons
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MATHEMATICS

Professor Combellack; Assistant Professor Pinette; Instructor

Major requirements effective with the class of 1953: Mathematics 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12. For classes of 1950, 1951, and 1952: Mathematics 1, 2, 3, 4, 5, 6, 9, 10.

01, 02. BASIC COLLEGE MATHEMATICS

Intermediate and college algebra, elements of plane trigonometry, introduction to plane analytic geometry.

Prerequisite: one year or a year and a half of high school algebra and one year of plane geometry. Students who offer two years of high school algebra for entrance credit are not eligible to elect this course.

Schedule:	TTS 8:00 — ML 204C	Instructor
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1, 2. 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

Schedule:

Section A	MWF	8:00 —	ML 203B	Miss Pinette
Section B	MWF	8:00 —	ML 204D	Instructor
Section C	MWF	11:00 —	ML 204D	Mr. Combellack
Section D	MWF	11:00 —	ML 203C	Instructor
Section E	TTS	8:00 —	ML 203C	Miss Pinette
Section F	TTS	11:00 —	ML 204D	Mr. Combellack

3, 4. 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 1, 2

Schedule:

Section A	MWF	9:00 —	ML 204D	Miss Pinette
Section B	TTS	9:00 —	ML 204D	Mr. Combellack

† [5, 6. ADVANCED CALCULUS]

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

Prerequisite: Mathematics 3, 4

7, 8. 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 3, 4

Schedule: MWF 10:00 — ML 204D Mr. Combellack

* 9, 10. GEOMETRY

Analytic geometry of two and three dimensions; projective geometry.

Prerequisite: Mathematics 3, 4

Schedule: TTS 9:00 — ML 203A Miss Pinette

11, 12. ADVANCED AND HIGHER ALGEBRA

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

Prerequisite: Mathematics 1, 2

Schedule: TTS 10:00 — ML 203A Instructor

[17, 18. INTRODUCTION TO STATISTICS]

Frequency distributions; averages, dispersion, properties of the normal curve; simple correlation; trend and cycles; graphical methods.

Credit for this course is not applicable toward meeting the science graduation requirement.

Prerequisite: two years of high school algebra; and sophomore standing, at least

† [20. 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 3, 4

21, 22. 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, or theory of groups.

Prerequisite: Mathematics 5, 6 or 7, 8

Schedule: to be arranged Mr. Combellack and Staff

PHYSICS

Professor Brown and Assistant Professor Stanley

Major requirements: Physics 1, 2 or 3, 4; and 5, 6, 7, 9, 10, and 11; Mathematics 1, 2, 3, 4; and Chemistry 1, 2. Students concentrating in physics are advised to elect additional courses in physics to provide an adequate concentration in one particular branch of the subject.

1, 2. ELEMENTARY PHYSICS

A survey of the basic phenomena of mechanics, heat, sound, electricity, and light; selected topics in modern physics. Restricted to students who received no admission credit in physics. Students who do sufficiently well will be permitted to elect advanced courses in physics. Four semester hours of credit per semester.

Prerequisite: none. Whichever course is taken first is an "E" course.

Schedule:

Lectures MWF 1:45 — Sh 12

Mr. Stanley

Laboratories

Section A M 2:45-4:35 — Sh 21

Section B Tu 1:45-3:35 — Sh 21

Section C W 2:45-4:35 — Sh 21

Section D Th 1:45-3:35 — Sh 21

Section E F 2:45-4:35 — Sh 21

3, 4. GENERAL PHYSICS

A quantitative study of mechanics, heat, sound, electricity, light, and modern physics. Four semester hours of credit per semester.

Prerequisite: none. Whichever course is taken first is an "E" course.

Schedule:

Lectures TT 1:45; F 2:45 — Sh 12

Mr. Brown

Laboratories

Section A	M	1:45-3:35	— Sh 21
Section B	Tu	2:45-4:35	— Sh 21
Section C	W	1:45-3:35	— Sh 21
Section D	Th	2:45-4:35	— Sh 21

* 5. MECHANICS

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

Prerequisite: Physics 3, 4; and Mathematics 3 (either passed or elected concurrently)

Schedule: MWF 7:45 — Sh 12

Mr. Brown

* 6. HEAT AND THERMODYNAMICS

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

Prerequisite: Physics 3, 4; Mathematics 4 (either passed or elected concurrently)

Schedule: MWF 7:45 — Sh 12

Mr. Brown

7. OPTICS

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

Prerequisite: Physics 3, 4

Schedule: TTS 7:45 — Sh 22

Mr. Stanley

[8. SOUND]

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

Prerequisite: Physics 3, 4; and Mathematics 4 (either passed or elected concurrently)

† [9-10. ELECTRICITY AND MAGNETISM]

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

Prerequisite: Physics 3, 4 and Mathematics 4, 3

12. 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 3, 4

Schedule: TTS 7:45 — Sh 22

Mr. Stanley

* 13-14. ELECTRONICS

An introduction to theoretical and experimental electronics with its application to vacuum tubes, instruments and apparatus.

Prerequisite: Mathematics 3, 4 and Physics 9, 10 or equivalent

Schedule: to be arranged

Prof. Brown

† [20. TEACHING 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: eight semester hours of physics, six additional hours of another laboratory science, and an education course taken previously or concurrently.

21, 22. SPECIAL TOPICS

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

Prerequisite: Junior standing at least, and permission of instructor

Schedule: to be arranged

Brown and Stanley

DIVISION OF HEALTH AND PHYSICAL EDUCATION

Chairman: PROFESSOR LOEBS

Associate Professors Loeb and Millett; Assistant
Professors Roundy, Marchant, Holmer, and
Williams; Miss Foland, and Mr. Keefe;
Dr. Dore

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 Infirmary 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 freshmen and sophomores are required to participate in organized physical education classes at least three hours a week. Selection of a regular section from those listed below 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 suit 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.

SCHEDULE OF PHYSICAL EDUCATION CLASSES FOR MEN

Physical Education 1, 2, 3, 4

Section A	MWF	9
Section B	MWF	10
Section C	MWF	11
Section D	TTS	9
Section E	TTS	10
Section F	TTS	11

PHYSICAL EDUCATION FOR WOMEN

Physical Education 1, 2, 3, 4

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, dance, softball, and tennis. Sophomores may substitute one hour per week of riding or bowling during appropriate seasons.

Schedule: to be arranged

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 securing a non-professional certificate. The six hours of credit for these courses, together with six hours in Biology, will meet the requirements for the initial Certificate in Physical Education issued by the Maine State Department of Education.

5. 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.

Schedule:

Section A MWF 8:00 (Men) — ML 208A Mr. Loeb and Staff
Section B MWF 10:00 (Women) — WU 108 Miss Marchant

6. THE ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION

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

Prerequisite: special permission and junior standing, at least

Schedule:

Section A MWF 8:00 (Men) — ML 208A Mr. Loeb and Staff
Section B MWF 10:00 (Women) — WU 108 Miss Marchant

DIVISION OF NURSING AND MEDICAL TECHNOLOGY

SCHOOL OF NURSING

Assistant Professor Pearl R. Fisher, R.N., *Acting Director*

"Today," says Dr. Esther Lucile Brown, of the Russell Sage Foundation, "the nurse probably ranks close to the teacher as a social necessity." Recognizing the importance of this fact, the Board of Trustees established the Colby School of Nursing in 1943 to prepare young women as professional nurses qualified not only in the techniques and skills of nursing, but as socially competent individuals capable of assuming leadership among their co-workers and in the community at large. The curriculum, upon the successful completion of which a student is granted the degree of Bachelor of Arts and a Diploma in Nursing, provides a cultural and social background to basic nursing education carefully integrated with professional education and experience, and preparation for state examinations for certification as Registered Nurse.

Prior to the twenty-nine months' period of professional education there are three college years of academic work during which cultural, social and scientific courses provide for a foundation upon which clinical and other professional training are based. These courses satisfy in part the requirement for a baccalaureate degree.

Major requirements: Chemistry 1, 2, 9; Biology 1-2, 10, 15, 16; Psychology 1, 2; Sociology 1-2; and one additional semester's work in Psychology or Sociology.

During the semesters they are in attendance at Colby, students are subject to the same academic, financial and social regulations and responsibilities as all other students.

For the period of Clinical Education and Practice the expenses will be approximately \$325 distributed as follows: Tuition \$100; Board and Room during the eight-week pre-clinical period \$75; Uniforms and Fees \$150.

PROFESSIONAL COURSES

The following professional courses are required of and open only to students majoring in Nursing; they are given not at Colby College but at the appropriate hospitals or public health

organizations. They vary in length, and credits for their successful completion are not measured in the usual standard of three semester hours per course.

3. PROFESSIONAL ADJUSTMENTS (I)

Introduction to professional problems for beginning students.

4. INTRODUCTION TO NURSING ARTS

Elementary techniques and procedures used in nursing care. Classroom demonstrations and practice.

10. NUTRITION (I)

Nutrition, foods, and cookery.

11. NUTRITION (II)

Diet therapy. A study of diets as therapeutic agents.

20. INTRODUCTION TO MEDICAL SCIENCES

A survey of the causative factors in illness.

21, 22. PHARMACOLOGY AND THERAPEUTICS

A study of the source, action, and uses of drugs.

100. GENERAL MEDICAL AND SURGICAL NURSING

A survey of the field of general medicine and surgery, including aetiology, symptomatology, treatment, and nursing care. Lectures, classroom demonstrations, and supervised experience.

110. NURSING OF ALLERGIES AND DERMATOLOGICAL NURSING

A survey of these fields, including etiology, symptomatology, treatment, and nursing care.

111. COMMUNICABLE DISEASE NURSING

Etiology, symptomatology, treatment and nursing care in the communicable diseases of children and adults.

120. NURSING IN SURGICAL SPECIALTIES

A survey of the fields of urology, gynecology, orthopedics, ophthalmology, and laryngology, including etiology, symptomatology, treatment, and nursing care.

121. OPERATING ROOM TECHNIQUE

Lectures, demonstrations, and conferences on operating room techniques and procedures.

130. PEDIATRIC NURSING

A survey of the field of pediatrics, including normal child development. The nursing care of the sick child.

140. OBSTETRICAL NURSING

Principles and practices of obstetrics, and the nursing care of the obstetrical patient. Preparation of formulas.

150. COMMUNITY HEALTH PROBLEMS

A survey of modern community organizations, with special reference to community health.

160. PSYCHIATRIC NURSING

A survey of the field of psychiatry and the nursing care of the psychiatric patient.

170. PROFESSIONAL ADJUSTMENTS (II)

Advanced professional problems for senior students.

180. HISTORY OF NURSING

Its development from ancient to modern times.

DEPARTMENT OF MEDICAL TECHNOLOGY

Julius Gottlieb, M.D., *Director*

Mrs. Helen M. Smith, *Adviser*

This department was established to supplement the regular cultural and scientific college curriculum with training in the special skills and advanced studies necessary to prepare a

young woman for a career as a clinical laboratory technician or medical technologist, competent to perform the innumerable chemical, microscopic, bacteriologic, and serologic tests used in the diagnosis and treatment of disease. The successful completion of the entire curriculum qualifies a student for the degree of Bachelor of Arts and prepares her for passing the Registry Examination of the American Society of Clinical Pathologists. The "M. T." certificate of the Society is universally accepted by hospitals and medical associations as proof of competence in this field.

Prior to the period of professional training there are three years of academic work during which cultural, social and scientific courses provide for a foundation upon which clinical and other professional training are based.

Major requirements: Chemistry 1, 2 and Mathematics 1, 2 in freshman year; Biology 1-2, Chemistry 5, 6 or Physics 4 in sophomore year; Biology 15, 10, Chemistry 8, 9, and Psychology 1, 2, in junior year.

The period of clinical education will be distributed as follows: *Three months* will be spent at the Central Maine General Hospital laboratories, Lewiston, for intensive laboratory training in clinical laboratory methods under the direction of Dr. Julius Gottlieb and staff. Subjects: Urinalysis; Sputum, Feces, Gastric Contents, Spinal Fluids, Basic Metabolism Determinations; Hematology; Bacteriology, Serology and Parasitology; Clinical Chemistry; Histological Technique; lectures and discussions in interpretation of laboratory findings. *Three months* will be spent at the Joseph H. Pratt Diagnostic Hospital laboratories, Boston. Subjects: Advanced Hematology; Advanced Clinical Chemistry; Advanced Bacteriology. *Six months* will be spent in training in applied Medical Technology in laboratory methods at the Central Maine General Hospital laboratories, Lewiston, or other Associated Hospital laboratories, under the guidance of Dr. Julius Gottlieb and technical staff.

During the semesters they are in attendance at Colby students are subject to the same academic, financial, and social regulations and responsibilities as all regular students. For the twelve month period of clinical education the total expense will be approximately \$150 in excess of that for a normal nine-month college year.

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*President, Patterson Steel Company
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Professor, Yale University
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FACULTY 1948-1949

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

- JULIUS SEELYE BIXLER, Ph.D. (Amherst, Yale), President. Professor of Philosophy.
Residence, Roberts Union
- FRANKLIN WINSLOW JOHNSON, L.H.D., D.D., D.C.L. (Colby, Chicago), President-Emeritus.
Residence, Mayflower Hill Drive
- CLARENCE HAYWARD WHITE, A.M., Litt.D. (Amherst), Professor-Emeritus of the Greek Language and Literature.
Residence, 40 Burleigh Street
- WILLIAM JOHN WILKINSON, Ph.D., LL.D., L.H.D. (William and Mary, Columbia), Professor-Emeritus of History.
Residence, 405 E. Unaka Avenue, Johnson City, Tennessee
- GEORGE FREEMAN PARMENTER, Ph.D., Sc.D. (Massachusetts State College, Boston University, Brown), Professor-Emeritus of Chemistry.
Residence, 7 Sheldon Place
- WEBSTER CHESTER, A.M., Sc.D. (Colgate, Harvard), Professor-Emeritus of Biology.
Residence, 56 Burleigh Street

- THOMAS BRYCE ASHCRAFT, Ph.D. (Wake Forest, Johns Hopkins), Professor-Emeritus of Mathematics.
Residence, 34 Pleasant Street
- ERNEST CUMMINGS MARRINER, A.M. (Colby), Professor of English.
Dean of the Faculty.
Residence, 17 Winter Street
- CURTIS HUGH MORROW, Ph.D. (Clark), Economics and Sociology.
Residence, 3 West Court
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Residence, 11 Gilman Street
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Residence, China, Maine
- WILLIAM T. BOVIE, Ph.D. (Harvard), Visiting Professor in Science.
Residence, 22 Summit Street, Fairfield
- EVERETT FISK 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, Gilman Heights
- GILBERT FREDERICK LOEBS, A.M. (Springfield, Pittsburgh, Columbia), Associate Professor of Health and Physical Education.
Residence, 43 Burleigh Street
- ALFRED KING CHAPMAN, A.M. (Colby, Harvard), Associate Professor of English.
Residence, Roberts Hall
- ELLSWORTH WILLIS MILLETT, A.M. (Colby, Columbia), Associate Professor of Health and Physical Education.
Residence, 16 Dalton Street
- GORDON WINSLOW SMITH, A.M. (Boston University, Harvard), Associate Professor of Modern Languages.
Residence, 56 Burleigh Street
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Residence, 97 Western Avenue
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Residence, 32 Morrill Avenue
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Residence, Elmwood Hotel
- JOHN ALDEN CLARK, Ph.D. (Amherst, Harvard), Associate Professor of Philosophy.
Residence, 24 Morrill Avenue

PAUL ADRIAN FULLAM, A.M. (Harvard), Associate Professor of History.
Residence, River Road

LUELLA FREDERICKA NORWOOD, Ph.D. (Carleton, Yale), Associate Professor of English.
Residence, 25 Winter Street

NORMAN SWASEY SMITH, Ed.M. (Tufts, Harvard), Associate Professor of Education. Director of Roberts Union.
Residence, Roberts Union

*PAUL ROBINSON SWEET, Ph.D. (DePauw, Wisconsin), Associate Professor of History.

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Residence, 34 Winter Street

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Residence, R.F.D., Belgrade

DONALDSON KOONS, Ph.D. (Columbia), Associate Professor of Geology.
Residence, 1 Essex Road

WINTHROP HAMOR STANLEY, A.B. (Maine), Assistant Professor of Physics.
Residence, 130 College Avenue

EDWARD CILLEY ROUNDY, B.S. (St. Lawrence), Assistant Professor of Health and Physical Education.
Residence, 30 Morrill Avenue

ALICE PATTEE COMPARETTI (Mrs. E. F.), Ph.D. (Rockford, Cornell), Assistant Professor of English.
Residence, 38 Morrill Avenue

JANET MARCHANT, A.M. (Columbia), Assistant Professor of Health and Physical Education.
Residence, 2 Elm Street

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Residence, 38 Morrill Avenue

MARGARET LOUISE BUCHNER, Ph.D. (Johns Hopkins), Assistant Professor of Modern Languages.
Residence, 28 Pleasant Street

OSSIP KURT FLECHTHEIM, Ph.D. (Cologne, Geneva, Heidelberg), Assistant Professor of History.
Residence, 5 Abbott Street

* On leave of absence 1948-49

- GEORGE THOMAS NICKERSON, A.M. (Colby, New York University),
Assistant Professor of Education. Dean of Men.
Residence, 15 Johnson Heights.
- WALTER DRAY WAGONER, A.B., B.D. (Yale), Assistant Professor of
Religion. Chaplain.
Residence, 62 Roosevelt Avenue
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nomics.
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WALTER BLAKESLEE SEELEY, Assistant Professor of Fine Arts.

Residence, 9 Getchell Street

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Residence, Thayer Hospital

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MARJORIE B. MEISNER, R.N., B.S., Assistant Professor of Nursing.

IRENE MANNING (MRS. MARTIN), Ed.M. (Emmanuel, Boston University), Instructor in Shorthand and Typewriting.

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Residence, 56 Burleigh Street

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Residence, 17 Hillcrest Avenue

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Residence, 41 May Street

HENRY OTTO SCHMIDT, A.M. (Ursinus, Pennsylvania), Instructor in Modern Languages.

Residence, 34 Winter Street

DAVID CROSBY HOWARD, M.B.A. (McMaster, Harvard), Instructor in Business Administration. Manager of the College Bookstore.

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FLORENCE ELIZABETH LIBBEY, A.B., B.S. in L.S. (Colby, Columbia), Instructor in Bibliography. Assistant Librarian.

Residence, 45 Winter Street

CATHERINE HANSON FOLAND, M.S. (Syracuse), Instructor in Health and Physical Education.

Residence, 2 Center Street

RALPH SAMUEL WILLIAMS, M.B.A. (Colby, New York University), Instructor in Business Administration.

Residence, 51 May Street

FRANCIS ROYSTER BLISS, A.B. (Bowdoin), Instructor in Classics.

Residence, 50 Boutelle Avenue

CHARLES FREDERICK MAIN, A.M. (Colby, Harvard), Instructor in English.
Residence, Hedman Hall

HERBERT SUMNER MICHAELS, A.M. (Boston University, Illinois), Instructor in English.
Residence, 5 Newhall Street, Fairfield

DONALD PAINE ALLEN, A.M., LL.B. (Bowdoin, Columbia, Cornell), Instructor in Economics.
Residence, 21 Elmhurst Street

MIRIAM MARSH BARTEAUX (MRS. ROBERT), A.B. (Colby), Instructor in Biology.
Residence, Veterans' Apartments

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Residence, Oakland Road

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Residence, 31 Abbott Street

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Residence, 9 Center Street

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Residence, River Road

AUGUSTUS MILTON WINDER, M.B.A. (William and Mary, Harvard), Instructor in Business Administration.
Residence, Pepper Hall

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Residence, 10 Center Street

HOPE BUNKER, A.B., Assistant in Geology.
Residence, 44 Silver Street

BRADFORD H. HUTCHINS, LL.B., Lecturer in Business Law.
Residence, 41 Burleigh Street

Committees of the Faculty

ADMINISTRATIVE: President Bixler; Deans Marriner, Nickerson and Runnals; Treasurer Eustis; Professors Chapman and Koons.

ATHLETICS: Professors Brown and Weeks.

COMMENCEMENT: Professors Millett, Humphry, G. W. Smith; Messrs. Goddard and Squire; Miss Beede; and one senior man and one senior woman appointed by the Student Council.

CURRICULUM: Deans Marriner, Nickerson and Runnals; Professors Colgan, G. M. Smith, Pinette, Ray, Koons and Clark.

EXAMINATIONS: Professors McCoy, Marriner, Chapman, Pullen and Koons.

FRESHMAN WEEK: Deans Marriner, Runnals, Nickerson; Professors McCoy, Seepe, Newman, Wagoner, Loeb, N. Smith; Misses Perkins, Sherburne, Nichols; Mr. Bryan, and the Superintendent of Buildings and Grounds.

LIBRARY: Professors G. W. Smith, Brown, and Anthon; Professors Humphry and Weber *ex-officiis*.

RHODES SCHOLARSHIP: Professors Weber, Breckenridge and Clark.

STANDING OF STUDENTS: Professors Breckenridge, Strong, Loeb and Woodin; Deans Marriner, Runnals and Nickerson; and Recorder Perkins.

The President is *ex-officio* a member of all committees.

Advisory Committees to Departments

BUSINESS ADMINISTRATION: Harry E. Umphrey, chairman; Milroy Warren, Fred F. Lawrence, Winthrop H. Smith, Clyde Heath, Russell B. Spear.

EDUCATION: Clyde E. Russell, chairman; Leon C. Staples, Mrs. Ruth H. Whittemore, Franklin W. Johnson, Harland Ladd, Francis Keppel.

FINE ARTS AND MUSIC: John E. Candelet, chairman; Lucille Kidder, Neil Leonard, Charles F. T. Seaverns, Samuel M. Green, Bartlett H. Hayes, Jr.

HEALTH AND PHYSICAL EDUCATION: Richard D. Hall, chairman; John W. Coombs, Raymond R. Thompson, Russell Squire, William J. Bingham, William L. Brown.

HISTORY, GOVERNMENT AND ECONOMICS: George B. Barnes, chairman; William H. S. Stevens, Guy George Gabrielson, Sumner Sewall, Mrs. Margaret Chase Smith, Norman Padelford.

LANGUAGES AND LITERATURE: Raymond I. Haskell, chairman; John G. Rideout, Victor Ray Jones, Bernard E. Esters, Mrs. Matthew T. Mellon.

LIBRARY: Andrew Osborn, chairman; Everett C. Herrick, Sarah B. Young, Florence E. Dunn, Raymond Spinney, Robert B. Downs.

NURSING AND MEDICAL TECHNOLOGY: Dr. Libby Pulsifer, chairman; Dr. John W. Stinson, Dr. Cecil W. Clark, Dr. F. T. Hill, Russell P. Sloan, Frank Wing.

PHILOSOPHY AND RELIGION: Evan J. Shearman, chairman; Nathanael M. Guptill, John W. Brush, Matthew T. Mellon, Wallace W. Anderson, Andrew Banning.

PSYCHOLOGY AND SOCIOLOGY: Stanley G. Estes, chairman; Charles P. Nelson, Mrs. Elizabeth S. Allan, Mrs. Marjorie S. Holt, O. T. Gilmore, David H. Stevens.

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LIBRARY STAFF

Librarian, James Humphry III, A.B., B.S. in L.S.
Residence, 49 Silver Street

Assistant Librarian, Florence Elizabeth Libbey, A.B., B.S. in L.S.
Residence, 45 Winter Street

Curator of Rare Books and Manuscripts, Carl Jefferson Weber,
A.M. (Oxon.), D.Litt.
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Head Cataloger, Rachel D. Aldrich, Ed.B., B.S.
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Residence, 6 Lawrence Street

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Residence, Veterans Apts., Mayflower Hill

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Director of Religious Activities, Herbert Lee Newman, Ph.D.
Residence, 2 West Court

Chaplain, Walter Dray Wagoner, B.D.
Residence, 62 Roosevelt Avenue

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ACADEMIC:

Secretary to the President, Miriam Beede, A.B., S.B.
Residence, 30 Pleasant Street

Recorder, Frances Norton Perkins.
Residence, 11 Park Street

Director of Schedule, John Franklin McCoy, A.M.
Residence, 36 Morrill Avenue

Assistant to the Dean of Men, William LaFrentz Bryan, A.B.
Residence, Upper Main Street

Secretary to Dean of the Faculty, Elaine B. Tuck (Mrs.).
Residence, 23 Silver Street

Secretary, Dean of Men's Office, Georgia Marshall Thayer (Mrs.
J. M.).
Residence, 80 Pleasant Street

Secretary, Dean of Men's Office, Ruth Lydia Mailey, A.B.
Residence, 6 Pearl Street

Secretary to the Dean of Women, Frances Elizabeth Thayer, A.B.
Residence, 80 Pleasant Street

Secretary, Dean of Women's Office, Marilyn Lois Bryant, A.B.
Residence, 30 Winter Street

Secretary, Recorder's Office, Marjorie Gould, A.B.
Residence, 54 Burleigh Street

Manager of Supply and Mimeograph Service, Mildred Wood Perkins
(Mrs.).
Residence, River Road

Secretary, Physical Education Office, Jean Alice Henry.
Residence, 21 Boutelle Avenue

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Residence, 97 Western Avenue

Secretary to the Treasurer, Ruth Gain (Mrs.).
Residence, 189 College Avenue

Assistant, Treasurer's Office, Harrison Avery Smith.
Residence, 5 High Street

Assistant, Treasurer's Office, Harriet L. Holmes (Mrs.).
Residence, 98½ College Avenue

Assistant, Treasurer's Office, Florence G. Piper.
Residence, 3 West Court

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Superintendent, Willard A. Jennison, B.S.
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Secretary, Virginia Gleason (Mrs.).
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Switchboard Operator, Lois M. Maxwell (Mrs.).
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LL.D., D.C.L.
Residence, Mayflower Hill Drive

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Residence, 77 Elm Street

Assistant to the Director of Public Relations, Spencer H. Winsor, A.B.
Residence, China

Administrative Assistant, Barbara Hendrian, A.B.
Residence, 54 Burleigh Street

Secretary, Vivian Maxwell Brown (Mrs.), A.B.
Residence, 18 Center Street

Secretary, Jean Marie Hackett.
Residence, 43 Silver Street

ALUMNI:

Executive Secretary of Alumni Council, Garfield Cecil Goddard, A.B.
Residence, 17 Nudd Street

Assistant Secretary of Alumni Council, Phyllis St. Clair Fraser
(Mrs.), A.B.
Residence, 14½ West Street

Secretary, Alumni Office, Arlene Maryrose Carey.
Residence, 3 Carey Lane

RESIDENCE STAFF

Director of Women's Residence, Sally Irving Sherborne, A.B.
Residence, Women's Union

Director of Roberts Union, Norman Swasey Smith, Ed.M.
Residence, Roberts Union

Assistant Director of Roberts Union, Helen M. Smith (Mrs.).
Residence, Roberts Union

Head of Mary Low Hall, Grace Sleezer (Mrs.).
Residence, Mary Low Hall

Head of Louise Coburn Hall, Beatrice A. Lewis (Mrs.).
Residence, Louise Coburn Hall

Head of Foss Hall, Olive Maynard (Mrs.), A.B.
Residence, Foss Hall

Head of Palmer House, Eva M. Kyes (Mrs.), A.B.
Residence, Palmer House

Head of Dunn House, Mildred W. Russell (Mrs.).
Residence, Dunn House

Head of Dutton and Mower Houses, Blanche H. Hescock (Mrs.).
Residence, Dutton House

Head of Roberts Hall and Head Proctor, Lower Campus, Alfred K.
Chapman, A.M.
Residence, Roberts Hall

Head of Hedman Hall, C. Frederick Main, A.M.
Residence, Hedman Hall

Head of Pepper Hall, Augustus M. Winder, M.B.A.
Residence, Pepper Hall

DIETARY STAFF

Director of Food Service, Helen Nichols, B.S.
Residence, Women's Union

Assistant Dietitian, Mary L. Trefethen, A.M.
Residence, Foss Hall

Assistant Dietitian, Mary F. Eastman, B.S.
Residence, Roberts Union

Assistant Dietitian, Marjorie E. Locke, B.S.
Residence, Roberts Union

Secretary, Glenda J. Ambrose.
Residence, 32 Pleasantdale Avenue

MEDICAL STAFF

Head of Health and Physical Education, Gilbert F. Loeb, A.M.
Residence, 43 Burleigh Street

*Physician, Theodore E. Hardy, M.D.
Residence, 14 Nudd Street

Physician, Clarence E. Dore, M.D.
Residence, 163 Silver Street

Assistant and Consultant in Surgery, John F. Reynolds, M.D.
Residence, 10 School Street

Head Nurse, Annie Dunn, R.N.
Residence, Roberts Union

Nurse, Agnes Randall (Mrs.), R.N.
Residence, 68½ Grove Street, Oakland

Nurse, Jeanne M. Lundin (Mrs.), R.N.
Residence, Veterans Apts., Mayflower Hill

Nurse, Anne E. Emerson (Mrs.), R.N.
Residence, Veterans' Apts., Mayflower Hill

* Deceased

COLLEGE BOOKSTORE

Manager, David Crosby Howard, M.B.A.
Residence, 18½ Nash Street

Clerk, Beth Byrom (Mrs.).
Residence, 34 Pleasant Street

Clerk, Ann E. Stone (Mrs.), A.B.
Residence, General Delivery, Waterville

Degrees Awarded

COMMENCEMENT

Monday, June 21, 1948

BACHELOR OF ARTS

MEN'S DIVISION

Sumner Abramson	Brookline, Mass.
James Alex	Norwich, Conn.
William Runnals Atherton	Waterville
Samuel Shipley Atwater	Westfield, Mass.
Owen Walter Bailey	Melrose, Mass.
Robert Arthur Batten, Jr.	Woburn, Mass.
Everett Sheldon Bauer	Madison
Richard Whitten Billings	Seal Harbor
Edward Gray Birdsey	Rockfall, Conn.
Donald Joseph Bourassa	Winslow
Joseph Bowler	Hastings-on-Hudson, N.Y.
Lester John Burton	Madison
Loring Bruce Buzzell	Long Beach, N.Y.
Philip Michael Caminiti	Waterville
Charles Henry Carpenter	Cochituate, Mass.
Charles Edward Chapman	Portland
Carl Eric Chellquist	Boston, Mass.
David Atwood Choate	Waterville
Donald Frederick Choate	Augusta
Paul Andrew Choate	Waterville
Arthur Howell Clement	Portland
David Rounsavelle Clement	Providence, R.I.
Gordon MacBey Collins	Wellesley Hills, Mass.
Charles Ernest Cousins	Kennebunk
Norman Gordon Epstein	Worcester, Mass.
Ronald Myron Farkas	Brookline, Mass.
Francis Robert Folino	Watertown, Mass.
Lyman Jay Gould	Manila, P.I.
Lendell Whittier Hayes	Dover-Foxcroft
Lowell Bogle Haynes	Skowhegan
Gabriel James Hikel	Waterville
Burton Jesse Hinckley	Waterville
Eugene Alfred Hunter	Presque Isle
Marvin Sidney Josolowitz	Mt. Vernon, N.Y.
Edward Ezra Kaplan	Dorchester, Mass.
Jordan Kaplan	So. Norwalk, Conn.
John Henry Kimpel	Chagrin Falls, Ohio

Thomas Koines	Woburn, Mass.
Harvey Lawrence Koizim	W. Hartford, Conn.
George Michael Kren	New York, N.Y.
Sanford Irving Kroll	Providence, R.I.
Burton Alan Krumholz	Brooklyn, N.Y.
Charles Harry Lightbody	Waterville
Nichols Ray Lindquist	Buzzards Bay, Mass.
John William Lord	North Vassalboro
William Lee Mansfield, Jr.	Winslow
John MacAllister Marsh	New Britain, Conn.
David Marvin Marzynski	Brighton, Mass.
Robert Masters	Revere, Mass.
William Maurice	New York, N.Y.
Gordon Thompson Miller	Worcester, Mass.
Robert Edward Mosley	Bar Harbor
Ross Lyle Muir	Hartford, Conn.
Timothy Clifford Osborne	Waterville
Arthur Alfred Parsons	Waterville
Frederick William Perkins, Jr.	Lawrence, Mass.
Philip Ellsworth Peterson	Portland
Wendell Francis Phillips, Jr.	Revere, Mass.
John Alexis Pincus	Worcester, Mass.
Dominick Mico Puiia	Rumford
Richard Harold Rabner	New York, N.Y.
Orville Taylor Ranger	Fairfield
Eldon Foster Risser	Augusta
David Clarke Roberts	Fort Kent
Harold Stuart Roberts	Dover-Foxcroft
Everett Owen Rockwell	Newport, Vt.
Gerald Ernest Roy	Winslow
Charles Henry Sanborn, Jr.	Springfield, Mass.
Aaron Elliot Sandler	Revere, Mass.
Daniel Charles Scioletti	Swampscott, Mass.
Philip Jerome Shulman	Brookline, Mass.
Maurice Charles Smith	Roxbury, Mass.
Paul Solomon	Roxbury, Mass.
Joseph Robert Spina	Mt. Vernon, N.Y.
Howard Franklin Staples, Jr.	Waterville
Seabury Tredwell Stebbins	Hastings-on-Hudson, N.Y.
Frederick Palmer Sutherland	Plainfield, N.J.
Louis Sutherland	East Sullivan
Gilbert Young Taverner	North Vassalboro
Clarence William Taylor	South Orange, N.J.
Richard Colpitts Thorne	Millinocket
Milton Colby Tibbetts	Manhasset, N.Y.
Frederick Elsmore Tippens	Millinocket
Walter Raymond Towle	Unity
Robert Meier Wasserman	Brookline, Mass.
Raymond Arthur Webster	Wiscasset

Gordon Arthur Crook, as of 1947
 Ronald Marshall Roy, as of 1947
 Theodore Henry Russell, as of 1947

New Bedford, Mass.
 Oakland
 Winslow

WOMEN'S DIVISION

Jacquelyn Muriel Allen	Fryeburg
Dorothy Mae Almquist	Wethersfield, Conn.
Beverly Ella Bailey	Livermore Falls
Ruth Leah Barron	Waterville
Mildred Hammond Bauer	Madison
Shirley Margene Bessey	Knox
Rebecca Orissa Bixby	New Salem, Mass.
Barbara Bond	New Rochelle, N.Y.
Antoinette Hungerford Booth	Hempstead, N.Y.
Blanche Lois Bowers	Arlington, Mass.
Janet Louise Bowmar	No. Abington, Mass.
Marie Flora Boyd	South Kent, Conn.
Virginia Alice Brackley	Strong
Katherine Louise Brine	Swampscott, Mass.
Joan Whittier Brown	Newtonville, Mass.
Carolyn Laura Browne	Belmont, Mass.
Priscilla Anne Bryant	Searsport
Dorothy Rosalie Bunker	South Gouldsboro
Ruth Nagel Burns	Cumberland Mills
Mary Ann Burrison	Plainfield, N.J.
Shirley Jean Carrier	Longmeadow, Mass.
Katherine Elizabeth Clark	Montague, Mass.
Margaret Elizabeth Clark	Middleboro, Mass.
Eleanor Angell Clayton	Providence, R.I.
Mary Alice Conley	Brockton, Mass.
Mary Patricia Conway	Baltimore, Md.
Elizabeth Coombs	Maplewood, N.J.
Joan Marie Crawley	Mt. Bethel, Penn.
Kathryn Jane Dempsey	Medford, Mass.
Janet Marie DeWitt	Skaneateles, N.Y.
Alice Anne Downey	Manlius, N.Y.
Elizabeth May Dyer	Berlin, Conn.
Donna Ernestine Elliott	Houlton
Virginia Brewer Folino	Watertown, Mass.
Anne Elizabeth Fraser	Houlton
Marcia Janice Friedman	Brookline, Mass.
Janet Howes Gay	Manhasset, N.Y.
Jane Louise George	Bangor
Mary Barbara Gilles	Lynn, Mass.
Louise Joy Gillingham	Saco
Bertha Ferrin Graves	Springdale, Conn.
Ardis Louise Hennigar	Winthrop
Barbara Ann Herrington	Jamaica Plain, Mass.

Virginia Hill	Waterville
Margaret Horsch	Woodbury, N.J.
Margaret Harper Howard	Portland
Muriel Joan Howard	Winchester, Mass.
Hazel Hilda Huckins	Plymouth, N.H.
Anne Harriet Hutchinson	Caribou
Frances Edith Hyde	Methuen, Mass.
Marguerite Edith Jack	Hollis Center
Dorothy Chilcott Jackson	New Boston, N.H.
Ann Kahler	New York, N.Y.
Phyllis Harnden Kearney	Waterville
Helen Marie Knox	Washburn
Germaine Jacqueline Lallia	New York, N.Y.
Eileen Mae Lanouette	Waterbury, Conn.
Merle Inez Lathrop	Plainfield, Conn.
Hanna Gertrude Levine	Dorchester, Mass.
Barbara Claire Lindsay	South Norwalk, Conn.
Anne Marie Logiudice	Hartford, Conn.
Susan Margaret Lynch	Washington, D.C.
Melzine Mae McCaslin	Rockland
Janice Elaine McKenney	Westbrook
Phyllis Blanche McKiel	Albion
Gertrude Sarah McKusick	Milo
Marie Violet Machell	Boston, Mass.
Marcia Byrne Magrane	Boston, Mass.
Ruth Eleanor Marriner	Waterville
Helen Louise Moore	Harland
Athalene Dollie Nile	Waterville
Marianna Nutter	Swampscott, Mass.
Phyllis Hayes O'Connell	West Roxbury, Mass.
Marguerite Patricia Overn	Lawrence, Mass.
Elizabeth Alden Parker	Braintree, Mass.
Faith Shirley Parks	Lexington, Mass.
Flora Adele Pearse	Union
Jane Stevens Plummer	Waterbury, Conn.
Virginia Ashley Porter	Strong
Frances Emily Poska	Lynn, Mass.
Carroll Jane Pottle	Lee
Janet Elaine Pray	Laconia, N.H.
Natalie Pretat	Providence, R.I.
Hilda Bondina Proctor	Yonkers, N.Y.
Ruth Erdine Rogers	Rumford
Janet Gilfillan Rougvie	Belmont, Mass.
Harriet Louise Sargent	Passaic, N.J.
Mildred Ann Achnebbe	Scarsdale, N.Y.
Marianne Schoeffel	Washington, D.C.
Gloria Helen Shine	New Bedford, Mass.
Carol Barbara Silverstein	Chestnut Hill, Mass.

Shirley Parsons Smith	Providence, R.I.
Ann McAlary Stone	Waterville
Shirley Stowe	Hartford, Conn.
Marion Brooks Sturtevant	Springfield, Mass.
Vera Joyce Themistocles	Southbridge, Mass.
Laurine Joyce Thompson	Washburn
Elizabeth Caroline Thomson	Springfield, Mass.
Katherine Weisman	Cochituate, Mass.
Hattie Delia White	Pittsfield
Frances Elizabeth Whitehill	Groton, Mass.
Dorothy Viola Worthley	Scarboro
Avis Mary Yatto	Jamaica, N.Y.

HONORS IN GENERAL SCHOLARSHIPS

SUMMA CUM LAUDE

Ruth Erdine Rogers

MAGNA CUM LAUDE

Mildred Hammond Bauer

CUM LAUDE

Louise Joy Gillingham	Edward Ezra Kaplan
Hanna Gertrude Levine	Lyman Jay Gould
Priscilla Anne Bryant	Marie Flora Boyd
Helen Marie Knox	Dorothy Mae Almquist
Burton Alan Krumholz	Ruth Eleanor Marriner

DISTINCTION IN COURSE

IN BUSINESS ADMINISTRATION

Ronald Myron Farkas

IN ECONOMICS

Gordon Thompson Miller

IN MODERN LANGUAGES

Katherine Elizabeth Clark

HONORARY DEGREES

MASTER OF ARTS:

Marjorie Meader Burns — Class of 1914, Journalist, *The Boston Herald*.

DOCTOR OF DIVINITY:

John Leslie Dunstan — Class of 1923, Professor of Religion, University of Hawaii.

DOCTOR OF SCIENCE:

Webster Chester — Professor of Biology, Colby College.
 Gordon Enoch Gates — Class of 1919, formerly Professor of Biology,
 Judson College, Rangoon, Burma.

DOCTOR OF LETTERS:

*Joshua Loth Liebman — formerly Rabbi of Temple Israel, Boston.

DOCTOR OF LAWS:

Sumner Tucker Pike — Member of United States Atomic Energy
 Commission.

* Awarded posthumously.

DEGREES AWARDED

OCTOBER 1, 1948

BACHELOR OF ARTS

MEN'S DIVISION

Douglas Child Borton	E. Rutherford, N.J.
George Bradford	Elmsford, N.Y.
Charles DeBevoise	Millburn, N.J.
Harold Eugene Dolan	Hampden Highlands
Dennis Francis Dunn, Jr.	White Plains, N.Y.
Russell Frederick Farnsworth	Millinocket
Cyril Matthew Joly, Jr.	Waterville
Sherwood Loring Jones	Bangor
Daniel J. Klein	Brooklyn, N.Y.
Charles Kramer	North Adams, Mass.
Edmund Henry Miselis	Chelsea, Mass.
Robert Warren Rosen	Brookline, Mass.
Maynard Benjamin Ross	Waterville
Robert Alexis St. Pierre	Brunswick
Allan David Sarnier	New York, N.Y.
William Henry Walcutt	Maplewood, N.J.

The Students

MEN'S DIVISION

- Aarseth, Marvin T., 9321-86 Avenue, Woodhaven, New York
 Achorn, Homer D., Jr., 19 Page Street, Hallowell
¹Adams, Paul W., 21 Congress Street, Amesbury, Massachusetts
 Alderman, Bernard D., 50 Raymond Street, Magnolia, Massachusetts
 Aldrich, Paul M., 5 Eastern Avenue, Lincoln
 Alex, John M., Star Route, Skowhegan
 Alger, Walter E., 115 South Main Street, Middleboro, Massachusetts
 Allen, Fred E., 34-A School Street, Brunswick
 Alloy, John A., 161 West 71st Street, New York, New York
 Amott, Jeremy J., 30 Beverly Road, Great Neck, New York
 Antell, Russell A., 19½ Madison Street, Amesbury, Massachusetts
 Appleton, John A., Riverside Drive, Augusta
 Archibald, Robert E., 33 Crystal Avenue, Springfield, Massachusetts
 Arey, Philip C., 107 Edgell Street, Gardner, Massachusetts
 Armitage, Robert J., 388 Park Street, West Roxbury, Massachusetts
 Armknecht, Richard F., Jr., Donnellson, Iowa
 Armstrong, David W., Jr., Pinewood Garden Apartments, Hartsdale,
 New York
 Armstrong, George A., 9 Essex Street, Wakefield, Massachusetts
 Ashbaugh, William H., 18 Greenacres Avenue, Scarsdale, New York
¹Aumond, Paul J., 10 Church Street, North Walpole, New Hampshire
 Bailey, Philip H., 90 Depot Street, Livermore Falls
¹Bailey, Ralph E., Jr., 27 Warren Street, Needham, Massachusetts
 Bailey, William A., 30 Burleigh Street, Waterville
 Baker, Gerald D., 344 Russett Road, Brookline, Massachusetts
 Baldwin, Harold L., 5 Cherry Street, Nashua, New Hampshire
 Baldwin, Richard W., 19 William Street, Andover, Massachusetts
 Bangs, Philip H., 24 Montclair Drive, West Hartford, Connecticut
 Barlow, Robert F., 4 Chase Avenue, Waterville
 Barricini, Ira, 3 Kensington Road, Scarsdale, New York
 Barta, Richard J., 1262 Great Plain Avenue, Needham, Massachusetts
 Barteaux, Robert A., 13 High Street, Waterville
 Basseches, Mark T., 65 Church Lane, Scarsdale, New York
 Bates, Newton V., 18 Lafayette Street, Calais
 Baum, John A., 65 Margaret Avenue, Lawrence, New York
 Bazer, George E., 7 Wave Avenue, Revere, Massachusetts
 Beal, Richard B., Righters Mill Road, Ardmore, Pennsylvania
 Bean, Clifford A., 25 Cherry Street, Danvers, Massachusetts
 Beatson, John A., 9 Elm Road, Scarsdale, New York
 Bedig, Robert G., 64 Douglas Road, Belmont, Massachusetts
 Belyea, Robert W., 15 Teague Street, Caribou
 Benfari, Robert C., 30-21 84th Street, Jackson Heights, New York

¹ In attendance first semester, only.

- Bens, Ralph J., Jr., 69 Orchard Street, Randolph, Massachusetts
 Benson, Howard E., R.F.D. 1, Oakland
¹Benson, Stephen, 89 Gordon Street, Waban, Massachusetts
 Berkley, Stephen I., 8831-74 Avenue, Forest Hills, New York
 Bernier, Albert L., 7 Elmwood Avenue, Waterville
 Berquist, J. Philip, 369 Cabot Street, Newtonville, Massachusetts
 Berry, Barton L., 6116 S.W. 47th Street, Miami, Florida
 Bies, Philip J., 92-05 216 Street, Queens Village, New York
 Billings, Eugene V., 3 Bean Street, Madison
 Billington, Raymond J., 1252 Globe Street, Fall River, Massachusetts
 Birch, Richard B., 80 Hillcrest Road, Belmont, Massachusetts
¹Bird, William E., 74 Goudy Street, South Portland
 Bittar, E. Edward, Jaffa, Palestine
 Blackman, Alan R., 140 Freeman Parkway, Providence, Rhode Island
 Blake, Frederick O., Guilford
 Blasberg, Arthur, Jr., 269 Broadway, Dobbs Ferry, New York
 Blondin, Francis N., 400 Lowell Street, Manchester, New Hampshire
 Bloomfield, Clayton F., The Boulevard, Middletown, Rhode Island
 Bonner, Robert B., Jr., 68 Waverly Avenue, Newton, Massachusetts
 Borah, Richard T., 186 8th Street, Providence, Rhode Island
 Borucki, Walter V., 70 Elm Street, Waterville
 Bosworth, Earl S., Jr., 79 High Street, Farmington
 Bourne, Paul E., Box 54, Waterboro
 Bowen, Richard J., 731 Huntington Avenue, Waterbury, Connecticut
 Bowers, N. George, Jr., 38 Nesbit Avenue, West Hartford, Connecticut
 Bowers, Richard M., 38 Nesbit Avenue, West Hartford, Connecticut
¹Bowker, Richard L., 56 Coulton Park, Needham, Massachusetts
 Boyle, Frederick R., 197 Ashcroft Road, Medford, Massachusetts
 Brackett, Raymond F., R.F.D. 3, Gorham
 Bradford, James A., 20 Diman Place, Providence, Rhode Island
 Braff, Jerome, 31 Horne Road, Belmont, Massachusetts
 Brigham, Chester A., 81 Linden Road, Melrose, Massachusetts
 Briggs, John A., 1604 Guilford Road, Columbus, Ohio
 Brigham, Robert L., 81 Linden Road, Melrose, Massachusetts
 Britton, Eugene C., Monticello
 Brotherlin, Robert H., 28 Hibbard Road, Newton, Massachusetts
 Brown, John W., 18 Center Street, Waterville
 Brown, Ormonde L., R.F.D. 1, Vassalboro
 Brown, Russell, 161 Emerson Place, Brooklyn, New York
 Brown, Samuel G., 47 Broad Street, Hamilton, New York
 Brownell, Robert P., 68 Brown Street, Providence, Rhode Island
 Brownlow, Robert E., 8 Park Place, Danbury, Connecticut
 Bruckheimer, Foster, 3 Gorham Court, Scarsdale, New York
 Bruehl, Martin A., 225 McKay Avenue, Huntington Station, New York

¹ In attendance first semester, only.

- Bryant, Vivian M., Jr., East Wilton
 Burgess, Hugh F., Jr., 1290 Commercial Street, East Weymouth, Massachusetts
 Burgess, William T., 198 Main Street, Dexter
 Burkhart, Robert C., 212 Darragh Street, Pittsburgh, Pennsylvania
 Burnham, Francis H., 16 East Dunstable Road, Nashua, New Hampshire
 Butler, John H., 43 Southfield Avenue, Stamford, Connecticut
¹Buzzell, Earle W., Jr., 9 Euclid Street, Dorchester, Massachusetts
 Byrom, Robert F., 34 Pleasant Street, Waterville
 Cannell, Robert E., 110 Waverly Street, Everett, Massachusetts
 Carey, Edward R., 3 Carey Lane, Waterville
 Carey, John T., 22 Lovell Road, Watertown, Massachusetts
 Carpenter, Ernest L., 497 Morris Avenue, Providence, Rhode Island
 Carswell, Bruce, 31 Brite Avenue, Scarsdale, New York
 Carter, Manson H., 11 Tower Street, Needham Heights, Massachusetts
 Carter, William H., II, 11 Tower Street, Needham Heights, Massachusetts
 Case, Albert R., 74 Green Street, Vergennes, Vermont
 Castelli, Rudolph E., 718 Palmer Avenue, Teaneck, New Jersey
 Castleman, Philip, 185 Winthrop Road, Brookline, Massachusetts
 Cawley, Edward J., 330 Nesmith Street, Lowell, Massachusetts
 Chamberlin, Richard T., 23 Prospect Street, Waterville
 Chandler, Hugh S., 170 Clinton Place, Hackensack, New Jersey
 Chartier, Eugene R., 1289 Millbury Street, Worcester, Massachusetts
 Chernauskas, John C., 22 Hubbell Avenue, Ansonia, Connecticut
 Choate, John S., R.F.D. 3, Waterville
 Choate, S. Foster, R.F.D. 3, Waterville
 Christie, James P., Jr., 18 Pasho Street, Andover, Massachusetts
 Christopher, Paul F., Jr., 7 Buswell Street, Boston, Massachusetts
 Clark, David W., 363 Walnut Street, Newton, Massachusetts
¹Clark, George E., Jr., 28 Governors Road, Milton, Massachusetts
 Clark, William C., 14 Orange Street, Abington, Massachusetts
 Clark, Winston E., 16 Winter Street, Augusta
 Collar, Neil W., 126 Alpine Street, Oakland
 Collazzo, Ralph C., 28 Franklin Street, Woburn, Massachusetts
 Collins, George McL., Jr., 17 Avon Street, Andover, Massachusetts
 Coney, Peter J., 4 Elm Street, North Berwick
¹Cook, John L., North Belgrade
 Cook, Robert L., 347 Manning Street, Needham, Massachusetts
 Cooper, Saul A., 45 Wildwood Street, Boston, Massachusetts
 Corell, Vernon, Jr., 980 Post Road, Scarsdale, New York
 Cote, Paul A., 282 Pine Street, Lewiston
 Cotton, Charles M., 116 Main Street, Houlton
 Crawford, John P., American University of Beirut, Beirut, Lebanon
 Creedon, Richard S., 15 Marshall Street, Hartford, Connecticut

¹ In attendance first semester, only.

- Crocket, David S., 96 Warrenton Avenue, Hartford, Connecticut
 Crook, Norman B., 227 Newman Avenue, Rumford, Rhode Island
 Crossman, Bernard S., General Delivery, Boulder Creek, California
 Crossman, Thomas J., 4 Maple Terrace, Needham, Massachusetts
 Cultrera, Sebastian J., 11 Winthrop Avenue, Lawrence, Massachusetts
- Curtis, Charles P., 17426 Berwyn Road, Shaker Heights, Ohio
 Curtis, Judson B., 36 Oneida Road, Winchester, Massachusetts
 Cushman, William F., 44 Summit Avenue, White Plains, New York
 Cyr, Richard F., 3 Autumn Street, Waterville
 Daggett, Robert B., Veterans' Apartments 10-C, Mayflower Hill, Waterville
- Davis, Alan G., 21 Burton Street, Westbrook
 Davis, Richard C., 23 Wheeler Street, South Paris
 Deane, Austin M., Guilford
 Deeb, George, 16 Allen Road, Waterville
 Deering, John W., Jr., Delano Park, Cape Elizabeth
 Deltz, Raymond W., 120 East Clinton Avenue, Bergenfield, New Jersey
- Denis, Joseph O., Jr., 28 Abbott Street, Waterville
 Deuble, John H., 340 Montrose Avenue, South Orange, New Jersey
 Dick, James E., 27 Chestnut Street, Kearny, New Jersey
 Dine, Phillip P., 123 Freeman Street, Brookline, Massachusetts
 Dixon, Russell A., 601 Howard Place, N.W., Washington, D.C.
 Dobson, David A., 21 Holton Street, Lawrence, Massachusetts
 Doherty, James P., 17 Coolidge Street, Lawrence, Massachusetts
 Donahue, Robert N., Veterans' Apartments 14-B, Mayflower Hill, Waterville
- ¹Donn, Roy A., Thomaston Road, Augusta
 Doud, George W., Jr., 1 Blake Street, Jaffrey, New Hampshire
 Doughty, James F., 1446 Forest Avenue, Portland
 Douglas, John E., 70-52 Broadway, Jackson Heights, New York
 Douglas, Stuart D., 127 Myrtle Avenue, Millburn, New Jersey
 Doyle, George J., Jr., 33 Summer Street, Waterville
 Doyle, William T., 34 Black Rock Avenue, New Britain, Connecticut
 Driscoll, John E., 30 Western Avenue, Waterville
 Drummond, A. Foster, 187 South Main Street, Cohasset, Massachusetts
- Dublin, Allen I., 159 Coolidge Street, Brookline, Massachusetts
 Dwyer, Gary B., North Main Street, Northbridge, Massachusetts
 Dyer, Francis E., 51 Rosedale Street, Providence, Rhode Island
 Eastman, Harland H., Main Street, Springvale
 Eldridge, Wilson E., 21 Grove Street, Dover-Foxcroft
 Ely, John R., 355 Kinderkmack Road, Westwood, New Jersey
 Emerson, H. William, Blue Hill
 Erickson, John F., 23 Chester Street, Danvers, Massachusetts
 Erlick, Dwight E., 433A Cumberland Avenue, Portland

¹ In attendance first semester, only.

- Eustis, Arthur G., Mayflower Hill Drive, Waterville
 Evans, David L., 1717 Cambridge Street, Cambridge, Massachusetts
 Evans, Raymond C., Jr., 80 Kirkland Road, South Weymouth, Massachusetts
 Everts, Nelson T., 114 Kirkstall Road, Newtonville, Massachusetts
 Fader, Oliver S., Jr., 66 Otis Street, Needham, Massachusetts
 Fairley, William M., 185 Lincoln Street, Millinocket
 Fales, Henry H., Jr., 26 Barberry Hill, Providence, Rhode Island
 Farrington, David L., 61 Bartlett Street, Chelmsford, Massachusetts
 Fayle, Earle R., East Millinocket
¹Felker, Everett J., Monroe
 Ferguson, Scott D., 18 Joy Street, Boston, Massachusetts
 Field, Ralph H., Cottage Street, Bar Harbor
 Finegan, Warren J., 601 West 144 Street, New York, New York
 Fisch, Richard, 6 West 77 Street, New York, New York
 Fisher, Charles M., 36 Vaille Avenue, Lexington, Massachusetts
 Fitzpatrick, James J., 28 Pleasant Street, Waterville
 Flanagan, Paul W., 84 Shirley Street, Quincy, Massachusetts
 Fortin, Ernest V., 23 Spring Street, Madison
 Foster, Bennett P., 200 Lakedell Drive, East Greenwich, Rhode Island
 Foster, Melvin, 15 Wildwood Street, Dorchester, Massachusetts
 Frank, Gerald B., 47 East 88 Street, New York, New York
¹Franklin, H. Bernard, 14 St. James Place, Brooklyn, New York
 Fraser, George W., Summer Street, Bar Harbor
 Fraser, Haddon S., 14½ West Street, Waterville
 Fraser, James E., 54 Osgood Avenue, Mexico
 Freedman, Howard H., 43 Russell Street, Brookline, Massachusetts
 Freeman, Edgar W., 76 Dunklee Street, Concord, New Hampshire
 Freeman, Frederick C., 162 Central Avenue, Milton, Massachusetts
 Gabriel, Robert L., 23 East Dunstable Road, Nashua, New Hampshire
 Gair, Elwood, R.F.D. 1, Putnam Valley, New York
 Gardner, William A., Jr., 88 Pinckney Street, Boston, Massachusetts
 Garland, Charles E., East Road, Hampstead, New Hampshire
 Garnett, Norval E., 1406 Narragansett Boulevard, Edgewood, Rhode Island
 Garon, Frederick R., Jr., 36 Whiting Road, Wellesley Hills, Massachusetts
 Gaskill, Howard H., 19 Pine Circle, South Weymouth, Massachusetts
 Gass, Richard H., 37 Hobart Road, Newton Centre, Massachusetts
¹Gates, Alfred B., 23 Dupont Avenue, White Plains, New York
 Gavel, Frank J., Roxbury, Connecticut
¹Geaghan, Robert J., 307 Broadway, Bangor
 Gelotte, William A., 54 Prentiss Lane, Belmont, Massachusetts
 Genest, Emile L., 77 Western Avenue, Waterville
 George, Robert S., 80 Main Street, Fort Fairfield
 Giffin, George J., Box 85, Readfield
 Gilhooly, John F., 21 Whittlesey Avenue, Waterbury, Connecticut

¹ In attendance first semester, only.

- Glasgow, Paul H., 1446 York Avenue, New York, New York
 Golden, Paul A., 332 South Main Street, Archbald, Pennsylvania
 Goldsmith, Russell, Jr., 21 Blake Road, Brookline, Massachusetts
 Goodall, Forrest R., 43 Franklin Avenue, Houlton
 Goulet, Lionel A., 99 Greenwood Street, Lawrence, Massachusetts
 Gouzie, Wilfred J., 21 North Street, Westbrook
 Graham, Kenneth R., 901 Tower Avenue, Hartford, Connecticut
 Grant, Raymond S., Jr., 721 Crescent Parkway, Westfield, New Jersey
¹Grant, Richard A., 11 Hughes Street, Springfield, Massachusetts
 Grant, Richard W., 29 Rogers Park Avenue, Brighton, Massachusetts
 Gray, Henry W., Jr., 16 Crystal Street, Wakefield, Massachusetts
 Gray, Ralph W., 66 Broad Street, Salem, Massachusetts
 Greeley, Arthur W., 82 Church Street, Oakland
 Greenlaw, Charles A., 31 West 31st Street, Bayonne, New Jersey
 Gregoire, George W., 144 Northern Avenue, Augusta
 Gross, Everett F., 31 Wyatt Road, Garden City, New York
 Gruninger, James F., 10 Eastview Street, West Hartford, Connecticut
 Guild, Edward M., 208-A Commonwealth Avenue, Boston, Massachusetts
 Guiney, Mortimer M., Jr., 18 White Oak Road, Waban, Massachusetts
 Gunn, Donald W., 114 Smith Road, Milton, Massachusetts
 Gustafson, Gunnar A., Jr., 1 Newhall Street, Fairfield
 Hailer, Donald G., 491 Chestnut Street, Waban, Massachusetts
²Hall, Anthony F., Box 977, Terryville, Connecticut
 Hall, Daniel M., 20 Sylvan Avenue, West Newton, Massachusetts
 Hall, James S., 55 Cove View Avenue, Stamford, Connecticut
 Hall, John A., 59 Old Point Avenue, Madison
 Halsey, Alan V., 258 South Orange Avenue, South Orange, New Jersey
 Hamlin, Irvin E., Box 32, Milford
 Hammond, Fred H., Jr., Kezar Falls
 Hannah, John E., R.F.D., Webster, Massachusetts
 Harnden, Ernest F., Jr., 311 Ocean Street, South Portland
 Harriman, John P., 161 Manning Boulevard, Albany, New York
 Harriman, Lynwood P., 15 Elm Street, Norway
 Harrington, Chester D., Jr., 46 Lewis Road, Belmont, Massachusetts
 Hart, Kenneth N., 43 Stevens Road, Cranston, Rhode Island
 Hartford, Robert E., 233 Spring Street, Portland
 Haselton, George M., 11 Cheever Circle, Andover, Massachusetts
¹Hawkins, Robert B., R.F.D. 5, Augusta
¹Hayes, James C., 67 School Street, Millinocket
 Hayes, Walter P., 150 Bridge Street, Beverly, Massachusetts
 Hayes, William W., 244 Lexington Street, Auburndale, Massachusetts
 Heacock, Don R., Staffordville, Connecticut

¹ In attendance first semester, only.

² In attendance second semester, only.

- Henderson, Raymond E., 353 Lowell Avenue, Newtonville, Massachusetts
- Hennig, William W., 54 Sunset Drive, Hempstead, New York
- Heubisch, William H., Jr., 12 Ferrante Avenue, Greenfield, Massachusetts
- Heywood, Philip C., 40 Massachusetts Avenue, Worcester, Massachusetts
- Hill, Kevin, 50 Burleigh Street, Waterville
- Hinck, Claus F., III, 17 Nudd Street, Waterville
- Hinson, Jay B., "The Ridge," Hartsdale, New York
- Hinton, Paul R., Bernard
- Hoag, Peter K., 55 Beckwith Terrace, Rochester, New York
- Hodgkins, Richard B., 111 Perham Street, Farmington
- Holtz, Gerald J., 10 Paxton Street, Dorchester, Massachusetts
- Honsberger, Peter, Scarborough Road, Briarcliff Manor, New York
- Hooper, Robert L., 257 Madison Avenue, Skowhegan
- Hopkinson, John R., Box 240, Silverton Road, Toms River, New Jersey
- ¹Horne, Samuel T., 37 Prospect Street, Waterville
- Howes, Rodney H., Jay
- Howlett, Nelson E., 338 Newtonville Avenue, Newtonville, Massachusetts
- Hubbard, Frederick S., Randolph, New Hampshire
- Hughes, Jere L., R.F.D. 2, Mount Vernon
- Hughes, Stephen D., R.F.D. 2, Mount Vernon
- Hummel, Henry B., 4715 Fulton Street, N.W., Washington, D.C.
- Hurd, Duane A., R.F.D. 1, Madison
- Hurley, William G., 113 Bridge Street, Augusta
- Inch, Kenneth S., Wytovitlock
- Ingraham, Robert A., 156 Summer Street, Bristol, Connecticut
- Ives, Frederic C., 107 Thornton Road, Needham, Massachusetts
- Ives, John H., 107 Thornton Road, Needham, Massachusetts
- ²Jabar, Herbert J., 12 Head of Falls, Waterville
- ²Jabar, John P., 12 Head of Falls, Waterville
- ²Jabar, Norman D., 12 Head of Falls, Waterville
- ²Jabar, Paul J., 12 Head of Falls, Waterville
- Jacobs, Donald McG., 936 Broadway, South Portland
- Jacobs, Donald M., 24 Plummer Street, Gardiner
- Jacobs, Robert L., Jr., 24 Plummer Street, Gardiner
- Jacobson, Kenneth, 44 Ticonic Street, Waterville
- Jagel, Paul F., 134 Harmon Avenue, Pelham, New York
- James, Arnold M., Jr., 3 Bowles Avenue, Bar Harbor
- Jellison, Almond E., 7 Georges Street, Thomaston
- ¹Jennings, Loughlin B., 141 Congress Street, Portland
- Johnson, Richard A., 35 Stevens Road, Melrose, Massachusetts
- Johnson, Richard F., Chauncy Street, Westboro, Massachusetts

¹ In attendance first semester, only.

² In attendance second semester, only.

- Johnston, Albert S., 2210 Jackson Street, San Francisco, California
 Johnston, George W., Guilford
 Joly, Robert L., 237 Main Street, Waterville
 Jones, Frank H., Jr., Veterans' Apartments 14-A, Mayflower Hill, Waterville
 Jones, Robert A., 64 New Street, Naugatuck, Connecticut
 Jordan, Hugh B., 173 Summit Avenue, Summit, New Jersey
 Jordan, Thomas H., 19 Hanson Street, Wakefield, Massachusetts
 Kays, Olaf, 1772 New Hyde Park Road, New Hyde Park, New York
 Keay, Donald P., 79 Highland Avenue, Wollaston, Massachusetts
 Keefe, James K., 38 Auburndale Avenue, West Newton, Massachusetts
 Keefe, Thomas F., Jr., R.F.D. 5, Portland
 Keene, Thomas R., Jr., 92 Kinsley Street, Nashua, New Hampshire
 Kelloway, Simeon J., 66½ Clark Avenue, Chelsea, Massachusetts
 Kennedy, Frank B., Jr., 1 Gammon Road, Waban, Massachusetts
 Kent, Donald B., Box 14, Benton
 Kent, Harold W., Box 14, Benton
 Kenyon, Stephen M., Jr., 180 West End Avenue, Ridgewood, New Jersey
 Keough, John J., Huntington Road, Worthington, Massachusetts
 Keyes, Raymond F., 23 Regina Road, Auburndale, Massachusetts
 Keyes, Robert J., 23 Regina Road, Auburndale, Massachusetts
 Kilmister, Paul B., 541 North State Street, Concord, New Hampshire
 King, Richard H., 133 Sylvan Street, Danvers, Massachusetts
 Kirk, Robert N., 6 Hillside Avenue, Presque Isle
 Kirstein, Harvey M., 304 Lowell Street, Peabody, Massachusetts
 Kline, Robert E., 31 Pine Grove Avenue, Whalom, Fitchburg, Massachusetts
 Kress, Martin R., Briarview Manor Apartments, White Plains, New York
 *Kuehndorf, Richard A., 90 Garden Road, Scarsdale, New York
 Laliberte, Bernard A., 3 Roosevelt Avenue, Waterville
 Laliberte, Robert R., 3 Roosevelt Avenue, Waterville
 Lampert, Edward, 10 Gibson Road, Lowell, Massachusetts
 Landry, Edgar, 91 Temple Street, Waterville
 Langhorne, Allen F., 2 Waldo Court, Wellesley, Massachusetts
 Lannan, Ronald J., 26 Meredith Circle, Milton, Massachusetts
 Latham, Robert I., 31 Brookhouse Drive, Marblehead, Massachusetts
 Laverty, Edwin J., R.F.D. 3, Gorham
 Lawrence, Philip R., 2805-131 Street, Toledo, Ohio
 Lawson, Philip C., 14 Hillview Street, Brookville, Massachusetts
 Lawton, John S., 26 Draper Street, Lowell, Massachusetts
 Lazour, James, 522 Cambridge Street, Worcester, Massachusetts
 Leach, Donald G., 4 Locust Street, Madison
 Leaf, Carlton D., 147 Alder Street, Waltham, Massachusetts
 Leaf, Roy F., 147 Alder Street, Waltham, Massachusetts

* In attendance second semester, only.

- Lebherz, George H., Jr., 29 Lovell Street, Worcester, Massachusetts
 Lee, Robert S., 68 Lindall Street, Danvers, Massachusetts
 Legge, Alfred G., 232 Kenyon Street, Hartford, Connecticut
¹Lent, S. Blair, 72 Sargent Street, Needham, Massachusetts
 LeVecque, Paul A., 225 Valley Street, Portland
 Leonard, Neil, Jr., 31 Kenmore Street, Newton Centre, Massachusetts
 Libby, Robert H., 6 Library Street, Pittsfield
 Libby, Roger F., 29 Green Street, Winthrop
 Lightner, M. Cass, 300 Murray Avenue, Ridgewood, New Jersey
 Lindquist, Robert, Puritan Road, Buzzards Bay, Massachusetts
 Linscott, John H., 36 Mayo Avenue, Needham, Massachusetts
 Livingstone, Donald R., 32 Tobey Road, Belmont, Massachusetts
 Lohr, Harper D., 1935 Stuart Avenue, New Hyde Park, New York
 Lord, Charles H., 345 Highland Avenue, Waterbury, Connecticut
 Love, I. Douglas, 2 Spencer Road, Glen Ridge, New Jersey
 Lovegren, Joseph, Jr., 48 Townsend Road, Belmont, Massachusetts
¹Lowery, Carleton M., Monticello
 Lowery, Leland F., Monticello
 Lowrey, Peter S., 10 Teague Street, Caribou
 Lund, Oliver M., Pownal Road, Freeport
 Lundin, James A., 42 West Chapel Street, Abington, Massachusetts
 Lush, Elmo C., 45 Church Street, Oakland
²Lyford, Geoffrey, 19 Ross Road, Scarsdale, New York
 Lynch, David D., 6 Thoreau Street, Concord, Massachusetts
 Lynn, David E., 46 Glenn Road, Larchmont, New York
 Lyon, Melvin, Princeton Road, Hubbardston, Massachusetts
 Lyon, Richard, Jr., Old Princeton Road, Hubbardston, Massachusetts
 McCoy, John F., 36 Morrill Avenue, Waterville
 MacDonald, Robert W., 21 Garfield Street, Madison
¹McDonnell, William E., Northford, Connecticut
 McFarland, Leon F., 51 Spring Street, Gardiner
¹McGowan, John H., Jr., 53 Silver Street, Waterville
 McGrath, Henry J., Jr., 184 Eliot Street, Milton, Massachusetts
 McIntosh, Guy, 84 Garfield Street, Watertown, Massachusetts
 McIntyre, Charles S., 30 Spray Avenue, Marblehead, Massachusetts
 McKeen, Sidney B., Union Street, Rockport
 MacLean, James A., 23 Pleasant Street, Rockport, Massachusetts
 McMahan, Arthur F., 38 Glendale Avenue, Providence, Rhode
 Island
 McNaught, Robert, Central Avenue, Dedham, Massachusetts
 MacPhelemy, George F., 57 Clinton Avenue, Winslow
 MacPherson, Bruce A., 194 Orchard Street, Belmont, Massachusetts
 McSweeney, John, 70 Central Park Avenue, Old Orchard
 Mack, Richard B., 19 Paris Street, Norway
 Macko, Henry W., 27 Union Avenue, South River, New Jersey
 Magill, Richard A., 4 Reservoir Street, Caribou

¹ In attendance first semester, only.

² In attendance second semester, only.

- Maguire, Thomas F., 4 Layton Street, North Providence, Rhode Island
 Maheu, Donald D., 16 Sherwin Street, Waterville
 Mahoney, John V., 88 West Main Street, Clinton, Connecticut
 Malloy, Henry L., 1 Edgewood Avenue, Larchmont, New York
¹Manoog, John C., 70 June Street, Worcester, Massachusetts
 March, Philip K., 426 18 Street, N.W., Canton, Ohio
 Marraro, Robert V., 17 North Chatsworth Avenue, Larchmont,
 New York
 Martens, Edwin W., 41 Somerset Road, Tenafly, New Jersey
 Martin, Alvo O., Box 104, Route 3, Augusta
 Martin, J. Edward, 22 Middle Avenue, Mexico
 Martin, Richard M., 68 Fairview Avenue, Stamford, Connecticut
 Mason, Lloyd J., 18 Gary Street, South Paris
 Mathieu, Henry E., 17 Burrill Street, Fairfield
 Maxell, Robert B., Orient
 Maxwell, Robert J., 16 Belmont Avenue, Waterville
 Mercer, Harold, 75 Ralph Avenue, White Plains, New York
 Merriam, Thornton W., Jr., 95 Dartmouth Street, Springfield, Massa-
 chusetts
 Merriman, Robert E., 46 South Avenue, Melrose, Massachusetts
¹Michaud, Gerald A., 49 Summer Street, Waterville
 Michelsen, Richard G., 248 Hamilton Avenue, Stamford, Connecticut
 Miles, John J., Jr., 91 Plandome Court, Manhasset, Long Island, New
 York
 Miller, Carlton D. M., 43 Beach Road, Monmouth Beach, New Jersey
 Miller, David W., 1075 Park Avenue, New York, New York
 Miller, Franklin A., 18 Savings Street, Waterbury, Connecticut
 Miller, John H., High Street, Newport
 Miller, William J. D., 185 Valentine Street, West Newton, Massa-
 chusetts
 Millett, Robert E., 20 Harvard Street, Whitman, Massachusetts
 Milner, Earle R., 710 Westchester Road, Grosse Pointe, Michigan
 Mirken, Alan B., 54 Riverside Drive, New York, New York
 Mitchell, Fenton R., Jr., 107 Prospect Street, Wakefield, Massachusetts
 Mitchell, Robert W., 115 Dummer Street, Bath
 Mitchell, William L., 113 Main Street, Sanford
¹Monaco, Samuel V., 41 Devereux Street, Marblehead, Massachusetts
 Montt, David G., 3 Laurie Avenue, West Roxbury, Massachusetts
 Moodey, John R. C., 1138 Broadway, Hewlett, New York
 Moore, William B., 158 Collins Road, Waban, Massachusetts
 Mordecai, Mark S., 51 Montvale Road, Newton, Massachusetts
 Morrow, Robert, Hopkins Avenue, Johnston, Rhode Island
 Morse, David, Jr., 50 Shirley Boulevard, Cranston, Rhode Island
 Morton, Robert T., 149 Allen Street, Bangor
 Mosher, Arthur B., 18 Forest Street, Cambridge, Massachusetts
 Mott, Schuyler L., Paris
¹ Murray, Charles A., 2 Myrtle Avenue, Bar Harbor

¹ In attendance first semester, only.

- Nagle, Herbert S., 294 Prospect Street, Brockton, Massachusetts
 Nannig, Urban R., 114 Stansbury Street, Providence, Rhode Island
 Nardozi, Robert F., 1 Willow Place, Mount Vernon, New York
 Naugler, A. Winston, 19 Madison Avenue, Beverly, Massachusetts
 Nicoll, Donald E., 24 Spring Valley Road, West Roxbury, Massachusetts
 Niedzinski, Joseph R., 94 Brookline Avenue, Nutley, New Jersey
 Noice, Benson, Jr., 8 Addison Street, Arlington, Massachusetts
 Noice, James C., 8 Addison Street, Arlington, Massachusetts
 Norden, Felix A., III, 723 South Sheridan Road, Highland Park, Illinois
 Noyes, William M., 10 Crestmont Road, Montclair, New Jersey
¹O'Brien, Curtis W., 73½ Bridge Street, Augusta
 O'Brien, James S., 5 Prairie Avenue, Newport, Rhode Island
¹O'Donnell, Leon V., 98 Western Avenue, Waterville
 O'Halloran, Arthur S., Main Street, Amherst
 Offenhiser, Andrew B., 1306 Wood Street, Wilkinsburg, Pennsylvania
 Oliver, Winston C., 1145 Main Street, Reading, Massachusetts
 Olney, Robert G., 23 Bradford Street, Waltham, Massachusetts
 O'Meara, John T., 89 Deepdale Drive, Manhasset, New York
 O'Reilly, Charles A., 81 Summer Street, Everett, Massachusetts
 Page, Alan A., Veterans' Apartments 14-C, Mayflower Hill, Waterville
 Paine, George A., Jr., Greenfield Road, Montague City, Massachusetts
 Panasuk, Robert B., 460 North Main Street, Waterbury, Connecticut
 Panzenhagen, Herbert L., 502 Cumberland Avenue, Teaneck, New Jersey
 Paquette, John R., 3 Burrill Place, Lowell, Massachusetts
 Parker, Theodore, 31 Westbourne Terrace, Brookline, Massachusetts
 Patterson, Louis M., 140 Chadwick Street, Portland
 Peabody, Wendell O., 57 Park Street, Dover-Foxcroft
 Peale, Robert W., 119 Laurens Street, Olean, New York
 Pearce, Charles A., 5 Presque Isle Street, Fort Fairfield
 Pearl, James M., 17 Cooper Road, Scarsdale, New York
 Pearson, Benjamin, Jr., Main Street, Byfield, Massachusetts
 Pease, Allen G., Box 161, Wilton
 Peck, Robert, 48 Cotton Street, Newton, Massachusetts
 Pecukonis, Edmund, 225 Walnut Street, Lynn, Massachusetts
 Pelletier, Eugene J., Jr., South Main Street, Middleton, Massachusetts
 Perkins, Herbert A., Jr., University of Massachusetts, Fort Devens, Massachusetts
¹Peters, Bernard L., 54 Front Street, Waterville
 Pettingill, John W., 360 South Orange Avenue, W., South Orange, New Jersey
 Phillips, Russell S., 35 Oxford Road, Newton Centre, Massachusetts
 Picerne, John R., 81 Knollwood Avenue, Cranston, Rhode Island
 Pierce, Graham T., 20 Riverview Terrace, Springfield, Massachusetts

¹ In attendance first semester, only.

- Pierce, Peter G., 18 Pleasant Street, Rockport, Massachusetts
¹Pierce, Richard, R 1, Western Avenue, Waterville
 Pierce, Thomas W., 31 North Street, Dover-Foxcroft
 Pike, Stanley G., 191 South Street, Gorham
 Plasse, Paul A., 45 Oak Street, Waterville
 Pniewski, Edward S., 120 Emerson Street, New Haven, Connecticut
 Poirier, Henry F., 11 Pleasant Street, Fort Kent
 Poliquin, Lionel J., 62 Silver Street, Waterville
 Porter, Carleton E., Veterans' Apartments 2-A, Mayflower Hill
 Waterville
 Pottle, Kemp M., Lee
 Powell, John D., 201 Main Street, East Northfield, Massachusetts
 Powell, Kershaw E., 234 College Avenue, Waterville
 Prescott, Lee R., 280 Homestead Avenue, Waterbury, Connecticut
 Prince, Roger O., Turner
 Prunier, Charles, 18 Second Street, Old Orchard
 Pullen, Richard D., Danforth
 Putnam, Joseph L., 101 North Street, Houlton
 Ramin, Gerald R., 102 Naples Road, Brookline, Massachusetts
 Rastelli, Lorenzo C. 64 Scovell Street, Waterbury, Connecticut
 Ratoff, John J., 25 Quincy Street, Nashua, New Hampshire
 Raup, Karl A., 383 South Street, Jamaica Plain, Massachusetts
 Raymond, Richard P., 27 High Street, Caribou
 Reed, Winslow W., 83 Lenox Street, West Newton, Massachusetts
 Reich, Raymond E., 2174 Davidson Avenue, Bronx, New York
 Reid, Robert V., 29 North Main Street, Caribou
 Rellas, Archie J., 57 Chestnut Street, Nashua, New Hampshire
 Rennie, Moir A., 8 Smith Street, Glens Falls, New York
 Reny, Richard E., 4 Roosevelt Avenue, Waterville
 Reynolds, James W., East Wilton
 Richard, Alexander, 74 Maple Street, Madison
¹Richards, Graham K., Swanzey Center, New Hampshire
 Richardson, Herbert H., 8 Depot Street, Bridgton
 Riefe, Alan R., Veterans' Apartments, Mayflower Hill, Waterville
 Rimpo, Edward L., 55 Elm Street, Waterville
 Ritchie, George M., Great Hill Road, Kennebunk
 Robertson, Ian L., 87 Hobart Avenue, Short Hills, New Jersey
 Robinson, Charles W., 80 Berkeley Street, West Newton, Massa-
 chusetts
 Robinson, David S., Jr., 48 Thorndike Street, Cambridge, Massa-
 chusetts
 Rogers, A. Raymond, Jr., Veterans' Apartments, Mayflower Hill,
 Waterville
 Ronayne, Maurice F., Jr., 46 Pierce Street, Malden, Massachusetts
 Rosborough, Alfred J., Jr., 642 Pilgrim Road, Birmingham, Michigan
 Rosen, Oscar, 23 Fabyan Street, Dorchester, Massachusetts
 Rosenthal, Robert A., 21 Roosevelt Avenue, Waterville

¹ In attendance first semester, only.

- ¹Ross, Winston McC., Albion
 Roth, Robert M., 41 W. 58 Street, New York, New York
 Rowe, Wesley, I., Litchfield
 Rowell, Robert C., 277 Main Street, Waterville
 Russell, Thurlo A., Blanchard
 Russell, Walter E., 45 Harvey Road, Windsor, Connecticut
¹Russo, Francis J., 20 Alvord Street, Torrington, Connecticut
 Ryan, William H., 5 Langdon Terrace, Bronxville, New York
 Ryley, Robert M., 27 Oak Street, Uxbridge, Massachusetts
 Sacks, Howard B., 96 Gardner Road, Brookline, Massachusetts
 Sagansky, Robert, 168 Gardner Road, Brookline, Massachusetts
 Sahagian, Fred, 26 Gilman Street, Waterville
 Sahagian, Karekin D., Jr., 26 Gilman Street, Waterville
 Saltzman, David, 290 New York Avenue, Brooklyn, New York
 Samuelson, Thomas W., 949 81st Street, Brooklyn, New York
 Sanderson, Donal R., 277 Haverhill Street, Lawrence, Massachusetts
 Sanson, Robert E., 145 Quaker Ridge Road, Manhasset, New York
 Savage, Philip M., 6 Mace Street, Fairfield
 Sawyer, Kenneth N., Kendall Hill Road, Sterling Junction, Massachusetts
 Schwartz, Alvin, 572 Ocean Parkway, Brooklyn, New York
 Scott, Malcolm, Jr., Chamounix Road, St. Davids, Pennsylvania
 Sears, Benjamin R., 27 Brooks Avenue, Newtonville, Massachusetts
 Sedgely, Richard G., 65 Granite Street, Ridlonville
²Shanahan, Daniel J., Jr., 448 Lavilla Drive, Miami Springs, Florida
 Shapiro, Robert, 122 Clinton Road, Brookline, Massachusetts
 Shaw, Leon P., Hotel Cumberland, Bridgton
 Shearman, Philip A., Veterans' Apartments 6-C, Mayflower Hill, Waterville
 Shiro, Theodore N., 54 College Avenue, Waterville
 Shmavon, Walter, 44 Brookline Avenue, Haverhill, Massachusetts
 Shore, Philip J., 48 Harwich Road, Providence, Rhode Island
 Shulkin, Arthur I., 17 Andrew Road, Swampscott, Massachusetts
 Sigety, Ernest F., 1210 Evergreen Avenue, New York, New York
 Silberman, Alan E., 42 Brightside Drive, Stamford, Connecticut
 Silberstein, Burton, 26 Harwood Street, Lynn, Massachusetts
 Silver, Francis J., 404 Hammond Street, Bangor
 Silverman, Donald C., 10 Oberlin Street, Worcester, Massachusetts
 Simon, Herbert, 172 West 79 Street, New York, New York
 Slavitt, Robert H., 141 East Avenue, Norwalk, Connecticut
 Slemmer, William C., 271 Fellsway East, Malden, Massachusetts
 Sloane, Robert, 35 West 82 Street, New York, New York
 Smith, Charles L., Jr., Main Street, Eliot
 Smith, George I., Waterville
 Smith, H. Guy, 1050 Seneca Street, Bethlehem, Pennsylvania
 Smith, Leonard W., 124 Pickering Square, Bangor

¹ In attendance first semester, only.

² In attendance second semester, only.

Smith, Richard L., Mendenhall, Pennsylvania
 Sonia, John W., 704 Washington Street, Bath
 Sorrentino, Stanley L., 141 Freemont Parkway, Providence, Rhode
 Island
 Southworth, Warren B., 28 Dutcher Street, Hopedale, Massachusetts
 Spaulding, Robert E., Poland Road, Mechanic Falls
 Spinner, John E., 116 Main Street, Winthrop
 Sproul, Oliver J., 33 Florence Street, Augusta
 Squiers, Thomas S., 19 Page Street, Hallowell
¹Stallman, Christopher A., 2508 Berley Park Road, Columbus, Ohio
 Stander, Robert A., 65 Brite Avenue, Scarsdale, New York
 Staples, Robert F., 24 Arthur Street, Whitman, Massachusetts
 Startup, Robert G., 11 Elm Road, Scarsdale, New York
 Stead, Peter C., Bronson Road, Fairfield, Connecticut
 Stenfors, Hugh W., Jr., 11 Kahler Avenue, Milton, Massachusetts
 Stevens, Robert L., 23 Burrill Street, Fairfield
 Stevens, Ward F., Jr., Climax Road, Avon, Connecticut
 Stinchfield, Carleton P., 189 Winn Street, Woburn, Massachusetts
 Stoll, Gerald, 14 Lester Place, White Plains, New York
 Stone, Albert, 401 North Avenue, Haverhill, Massachusetts
 Stone, Milton E., 11 Fenwick Road, Waban, Massachusetts
 Stoney, Alan H., 11 Fern Street, Lexington, Massachusetts
 Streich, Richard G., 74 Linwood Avenue, Buffalo, New York
 Stritch, Bertram E., 15-A Center Street, Waterville
¹Stritch, Frederick A., 19 Middle Street, Sanford
 Strong, John W., 5 Nash Street, Waterville
 Stuart, Edward M., 155 Dorset Road, Waban, Massachusetts
 Stuart, John R., 51 Colonial Avenue, Cranston, Rhode Island
 Sturtevant, Arnold H., 11 Pine Avenue, Livermore Falls
 Sullivan, Bruce M., 267 Colony Street, West Hempstead, New York
 Sullivan, Daniel J., 9 Dartmouth Street, Lawrence, Massachusetts
 Sullivan, Paul F., Hampstead, New Hampshire
 Sweetbaum, Alan A., 580 West End Avenue, New York, New York
 Swett, John H., Box 483, Mexico
 Swirsky, Irwin, 76 Bronson Terrace, Springfield, Massachusetts
 Tabor, James C., 5005 Whitney Avenue, Cheshire, Connecticut
 Taylor, F. Milton, 2 Summer Street, Charlestown, New Hampshire
 Taylor, William N., 73 Chadwick Street, Newport, Rhode Island
 Tempesta, Loreto, 61 Green Street, Newton, Massachusetts
 Terry, George F., III, 121 Silver Street, Waterville
 Thompson, F. Allen, Jr., 127 Sunset Avenue, Amherst, Massachusetts
 Thompson, Harold J., 761 Highland Avenue, Malden, Massachusetts
 Thompson, Lloyd R., 1852 Hering Avenue, Bronx, New York
 Thompson, Myron B., 3358 Kilauea Avenue, Honolulu, Hawaii
 Thompson, William H., 274 Palm Street, Hartford, Connecticut
 Thomson, Alfred G., 21 Palmer Street, Passaic, New Jersey
 Thurston, J. Stewart, Corinna

¹ In attendance first semester, only.

- Tibbetts, Roy W., Jr., 27 Emery Street, Sanford
 Tibolt, Gilbert R., 1 Fox Place, Newton Centre, Massachusetts
 Tippens, William A., 97 Lincoln Street, Millinocket
 Tobin, Charles W., 52 Broad Street, Whitman, Massachusetts
 Titus, Paul K., Jr., 1 High Road, Newbury, Massachusetts
 Tompkins, Robert D., 118 Albion Street, Rockland, Massachusetts
 Tonge, Robert M., 558 Seyburn Street, Detroit, Michigan
 Toomey, George V., 13 Newhall Street, Fairfield
 Torrey, John A., 1062 Webster Street, Needham, Massachusetts
 Tranten, Alfred W., 102 Main Street, Madison
 Tupper, Richard B., 2 Ivie Road, Cape Cottage
 Unobskey, Joseph H., 19 High Street, Calais
 Valli, Peter C., 1 Cabrini Boulevard, New York, New York
 Veilleux, Lucien F., 22 Sanger Avenue, Waterville
 Vergobbi, Robert C., 469 Furnace Brook Parkway, Wollaston, Massachusetts
 Verrengia, Joseph, 1028 Main Street, Malden, Massachusetts
 Verrengia, Richard, 1028 Main Street, Malden, Massachusetts
 Vigue, Kenneth J., Veterans' Apartments 6-B, Mayflower Hill, Waterville
 Viles, Cecil E., 8 Vose Court, Waterville
 Vose, Richard A., 100 Nesmith Street, Lawrence, Massachusetts
 Waalewyn, John W., 44 Franklin Street, Houlton
 Wales, George S., 11 Ware Road, Auburndale, Massachusetts
 Wall, Bradford L., Jr., 81 Benton Avenue, Winslow
¹Wallace, James L., 7 Bartlett Street, Waterville
 Wallace, Russell E., 62 Shore Road, Ogunquit
¹Waller, Edward A., 210 Stanbery Avenue, Columbus, Ohio
¹Warner, William L., 197 Southmayd Road, Waterbury, Connecticut
 Warren, Arthur B., Jr., 9 Essex Street, Dover-Foxcroft
¹Warshaver, Leonard R., 15 Hazelton Street, Mattapan, Massachusetts
 Warshaw, Stuart A., 19 Lorenz Street, Longmeadow, Massachusetts
 Washburn, Russell O., 238 Main Street, Fairfield
 Washington, John W., 30 Burleigh Street, Waterville
 Wasserberger, George D., 57 Old Orchard Lane, Scarsdale, New York
 Wattles, Lawrence E., China
 Wattles, Richard G., 14 Roosevelt Avenue, Waterville
 Watts, Gordon W., Second Rangeway, Waterville
 Waugh, Philip W., New Braintree, Massachusetts
 Weatherby, Frank H., 500 Pleasant Street, Belmont, Massachusetts
 Weaver, Edward C., 160 Bangor Street, Augusta
 Wehner, Robert R., Scarsdale Chateaux, Scarsdale, New York
 Welson, Sherwin, 123 Greenfield Street, Hartford, Connecticut
 Wentworth, Donald E., R.F.D. 1, Kennebunk
 West, Stewart C., 1087 Azalea Road, Union, New Jersey
 White, Arthur W., 1 Parker Street, Reading, Massachusetts
 White, Conrad G., 469 Main Street, Rockland

¹ In attendance first semester, only.

White, Norman R., 45 Pine Street, Dover-Foxcroft
 White, Robert, 81 Brackett Road, Newton, Massachusetts
 Whitelaw, Charles H., 1052 Waddington Street, Birmingham, Michigan
 Whiteley, Wilford D., Jr., Box 8, Tyngsboro, Massachusetts
 Whitney, Edward D., 15 Fountain Street, West Newton, Massachusetts
 Whitney, George W., 245 Highland Street, Milton, Massachusetts
 Wiley, Harry R., Lynn Street, Norway
 Wilkins, Robert E., Jr., Waterville Road, Farmington, Connecticut
 Williams, Robert N., 52 Bellevue Avenue, Summit, New Jersey
 Winer, Irwin, 12 Sherman Street, Beverly, Massachusetts
 Wing, James H., Route 1-A, Gardiner
 Wiswell, George C., Jr., 7 Kimball Street, Marblehead, Massachusetts
 Witham, Floyd C., Dixfield
 Wolfe, Donn G., 1 Totman Court, Fairfield
 Wood, Scott S., 75 Sewall Street, Augusta
 Woodman, Charles R., 17 Dalton Street, Waterville
¹Woods, Chester J., Jr., 45 Summer Street, Waterville
 Wormuth, Harold S., Cobleskill, New York
 Wyman, Arthur W., 1 Highland Court, Manchester, New Hampshire
 Wyman, Gerald K., 74 Silver Street, Waterville
 Yeager, Richard P., 32 Edgewood Road, Scarsdale, New York
 Yeaton, Ivan A., Jr., Veterans' Apartments 4-A, Mayflower Hill, Waterville
 Ziegler, Frederick W., 48 South Stanwood Road, Columbus, Ohio

WOMEN'S DIVISION

Abbott, Joan E., 311 Main Street, Rockland
 Acheson, Alice J., 49 Western Avenue, Augusta
 Adelson, Ruth, 4 Schuyler Street, Roxbury, Massachusetts
 Alger, Georgina, 115 South Main Street, Middleboro, Massachusetts
 Allan, Nancy R., 59 South Street, Medfield, Massachusetts
 Alpert, Helen C., 59 Garfield Avenue, Revere, Massachusetts
 Amlaw, Lesleigh J., 58 Thirteenth Street, Lowell, Massachusetts
 Anderson, Patricia H., 109 Grove Avenue, Woodbridge, New Jersey
 Anthoensen, Greta E., Route 5, Falmouth
 Ardiff, Nancy J., 87 Harris Avenue, Needham, Massachusetts
 Austin, Marjorie A., 146 Kingston Avenue, Yonkers, New York
 Avery, B. Dale, 91 Washington Avenue, Winthrop, Massachusetts
 Bain, Patricia J., 433 Hillcrest Road, Ridgewood, New Jersey
 Baker, Beverly A., 19 Greenleaf Street, Malden, Massachusetts
 Baker, Marguerite I., 15 Donald Street, Waterville
 Barker, Nydda I., 22 Bowdoin Street, Houlton
 Barnard, Joan K., 240 Middlesex Road, Buffalo, New York
 Barnett, Beverly J., 15 Bradley Street, Portland
 Barrow, Barbara N., 24 Allenwood Road, Great Neck, New York

¹ In attendance first semester, only.

- Barter, Donna L., Main Street, Deer Isle
 Bartlett, Claramae, 357 Capisic Street, Portland
 Beamish, Elizabeth M., 10 Elm Tree Lane, Pelham Manor, New York
 Beauchamp, B. Jean, 122 Lakewood Drive, Lake Arrowhead, Denville,
 New Jersey
 Benner, Frances J., 579 Webster Street, Rockland, Massachusetts
 Bennett, Martha A., 96 South Main Street, Middletown, Connecticut
 Bergquist, Norma A., 154 Cambridge Street, Winchester, Massa-
 chusetts
 Berry, Pauline, 3648 Peachtree Road, N.E., Atlanta, Georgia
¹Bessey, Janet M., 332 Park Terrace, Hartford, Connecticut
 Beveridge, Ann M., 84 Lee Road, Scarsdale, New York
 Blagys, Margaret J., 258 Balmforth Street, Bridgeport, Connecticut
 Blaisdell, Elizabeth M., New Harbor
 Blake, Patricia A., 40 Lincoln Park, West Newton, Massachusetts
 Blanchard, Sally, 10 Mount Pleasant Street, Winchester, Massa-
 chusetts
 Blum, Joyce A., 1165 East 28th Street, Brooklyn, New York
 Blumenthal, Glenys M., 145 Dartmouth Street, Portland
 Bohrer, Marion E., 8391 San Fernando Road, Roscoe, California
 Bond, Shirley E., Wilsondale Street, Dover, Massachusetts
 Bone, Barbara J., 228 Manthorne Road, West Roxbury, Massachusetts
 Bonnell, Jean E., Cold Spring Harbor, Long Island, New York
 Bonsall, Mary Ellen, 158 Presidents Lane, Quincy, Massachusetts
 Boukis, Chrysoula H., 28 Lansing Avenue, Haverhill, Massachusetts
 Boyer, Harriet, 204 Washington Street, Gloucester, Massachusetts
 Brackett, Constance E., 344 Stevens Avenue, Portland
 Bracy, Mary S., 143 Norway Road, Bangor
 Bradbury, Nancy J., 74 Chase Street, Hyannis, Massachusetts
 Bragg, Lois I., 19 High Street, Fairfield
 Brandt, Bette A., 160 Central Park South, New York, New York
 Brewer, Jean E., 28 Capen Street, Windsor, Connecticut
 Briggs, Muriel M., 8½ Kelsey Street, Waterville
 Brown, Betty M., 5 Osgood Avenue, Claremont, New Hampshire
 Brown, Margaret A., 27 Edgewood Road, Lexington, Massachusetts
 Brush, Marion R., 425 Bedford Avenue, Mount Vernon, New York
 Buck, Priscilla V., Vassalboro
 Brown, Eleanor J., 10 Belmont Street, Camden
 Bunney, Alberta J., 615 76 Street, Brooklyn, New York
 Burleigh, Ruth A., 20 Summer Street, Tilton, New Hampshire
 Burns, Catherine E., 2104 Poplar Street, Terre Haute, Indiana
 Byther, Estella M., 35 Clinton Street, Milo
 Cammann, Joan H., 235 Conant Road, Weston, Massachusetts
 Campbell, Susan J., 124 Jewett Parkway, Buffalo, New York
 Carpenter, Edith A., 5440 Netherlands Avenue, Riverdale, New York
 Cash, Pamela J., 1911 Deodar Avenue, Antioch, California
 Catron, Sally B., 200 Lewis Road, Belmont, Massachusetts

¹ In attendance first semester, only.

- Cheeseman, Laura B., 144 Loring Road, Winthrop, Massachusetts
 Chickering, Jean, 3601 Connecticut Avenue, N.W., Washington, D.C.
 Christenson, Elin M., 120 Green Street, Woburn, Massachusetts
 Chumacas, Evangeline H., 12 Arch Street, Haverhill, Massachusetts
 Clare, Mary L., 770 Williams Street, New London, Connecticut
¹Clark, Elizabeth H., 28 Governors Road, Milton, Massachusetts
 Clark, Janet, School Street, Kennebunkport
 Clarke, Patricia A., 25 Smyrna Street, Houlton
 Clements, Ruth E., 282 Massachusetts Avenue, Boston, Massachusetts
 Cleveland, Gertrude C., 17 Silver Street, Fairfield
 Clough, Suzanne, 50 Princeton Road, Natick, Massachusetts
 Clouter, Harriet R., 15 Tennyson Street, West Roxbury, Massachusetts
 Connors, Carol M., 101 Oakview Avenue, Maplewood, New Jersey
 Cook, Cynthia, 25 Caroline Park, Waban, Massachusetts
 Cook, Lois M., Limestone
 Covell, Alice E., 113 West Sands Street, Oneida, New York
 Cowie, Jean W., 312 Merion Avenue, Narberth, Pennsylvania
 Crandall, Charlotte M., 48 Oak Street, Braintree, Massachusetts
 Crane, Marilyn, 55 Fenno Street, Wollaston, Massachusetts
 Crook, Cynthia F., Brick Lane, Durham, Connecticut
 Crooks, Alice, 16 Madison Street, Glen Ridge, New Jersey
 Cushman, Beverly R., Route 2, Caribou
 Dacier, Dale A., 1421 Mamaroneck Avenue, Mamaroneck, New York
 Davenport, Shirley, 329 Bedford Street, Lexington, Massachusetts
 Davis, Priscilla F., 7 Riverside Avenue, Gloucester, Massachusetts
 Davis, Virginia M., 404 Geddes Street, Wilmington, Delaware
 Day, Priscilla, 72 Welfare Avenue, Cranston, Rhode Island
 Delong, Joy W., 26 High Street, Houlton
 Deschenes, Beverly A., 333 Peterboro Street, Jaffrey, New Hampshire
 Desper, Jean, 9 Navasota Avenue, Worcester, Massachusetts
 Dillingham, Jacqueline A., 14 Lisbon Street, Lewiston
 Donnelly, Joan A., 1432-44th Street, N.W., Washington, D.C.
 Donovan, Marie E., 240 Andover Street, Lawrence, Massachusetts
 Downey, Jacquelyn T., 16 McKean Street, Nashua, New Hampshire
¹Drake, Constance L., 12 Glenn Street, Caribou
 Drake, Marilyn E., 564 Cumberland Avenue, Teaneck, New Jersey
 Draper, Claire, High Road, Cornish
 Drew, Joan L., 170 Broadway, Arlington, Massachusetts
 D'Wolf, Jeanne E., 11 Ridgeview Avenue, White Plains, New York
 Edwards, Joyce C., Box 706, Nassau, Bahamas
 Endicott, Ruth E., Route 1, Belgrade
¹Erskine, Elaine E., 66 High Street, Waterville
 Ewing, Nancy A., 19 Flora Street, Haverhill, Massachusetts
 Fairbanks, Anne V., 71-A West Central Street, Natick, Massachusetts
 Farnham, Lucile E., Belgrade
 Farnum, Hilda K., 41 Jewett Avenue, Tenafly, New Jersey

¹ In attendance first semester, only.

- Fellows, Shirley A., 2 Joy Road, Peabody, Massachusetts
 Fennema, Dorothy A., 86 Harris Avenue, Freeport, New York
 Fenwick, Mildred J., Appleton
 Fera, Antonietta M., 177 Garden Street, Lawrence, Massachusetts
 Ferguson, Nancy A., 139 Brook Street, Wollaston, Massachusetts
 Finberg, Nadeen, 119 Pitt Street, Portland
 Fisher, Georgia, 527 Franklin Turnpike, Allendale, New Jersey
 Flagg, Virginia E., 289 Augur Street, Hamden, Connecticut
 Foley, Barbara A., 26 Mount Pleasant Street, Winchester, Massachusetts
 Ford, Priscilla S., 15 Chiswick Road, Auburndale, Massachusetts
 Forgey, Beverly I., 31 School Street, Melrose, Massachusetts
 Foshay, Anne, 11 Bond Street, Swampscott, Massachusetts
 Foster, Joan C., 46 Norman Street, Salem, Massachusetts
 Fountain, Audrey, Fairmount Avenue, Chatham, New Jersey
 Fransen, Barbara J., 57 Norfolk Avenue, Swampscott, Massachusetts
 Fratano, Margaret J., 67 Lexington Avenue, Bloomfield, New Jersey
 French, Barbara J., 70 Main Street, Andover, Massachusetts
 Fritschman, Irma M., 2614 Hirst Terrace, Havertown, Pennsylvania
 Frolio, Shirley A., 279 Plymouth Street, North Abington, Massachusetts
 Gaffney, Barbara M., 10 Glengarry Road, Winchester, Massachusetts
 Gallup, Martha E., Preston Rural Station, Norwich, Connecticut
 Gardiner, Mary E., Gould Farm, Great Barrington, Massachusetts
 Gardiner, Phyllis D., 77 North Street, Waterville
 Garrick, Kathryn E., 332 Park Avenue, Manhasset, New York
 Gassett, Jean L., 50 Mill Street, Brockton, Massachusetts
¹Gates, Mary B., 23 Dupont Avenue, White Plains, New York
 Gifford, Barbara L., 81 West Street, Reading, Massachusetts
 Ginzberg, Louise, 6 Prentice Road, Newton Centre, Massachusetts
 Goldey, Mary E., 919 Bancroft Parkway, Wilmington, Delaware
 Goodridge, Dorothy A., 80 Adams Street, Waltham, Massachusetts
 Gordon, Gloria S., 156 Talbot Avenue, Dorchester, Massachusetts
 Gracie, Marilyn H., Richardson Street, Billerica, Massachusetts
 Grant, Barbara M., 58 Pleasant Street, Leicester, Massachusetts
 Green, Lois, 20 Pasedena Road, Roxbury, Massachusetts
 Green, Sybil R., 804 Bluehill Avenue, Dorchester, Massachusetts
 Greene, Eileen J., 139 East Haverhill Street, Lawrence, Massachusetts
 Greer, Elizabeth J., 5 Old Mamaroneck Road, White Plains, New York
 Gridley, Joan C., 45 Oak Ridge Avenue, Summit, New Jersey
 Griffin, Jean M., 38 Beechcroft Road, Newton, Massachusetts
 Hagar, Anne K., Marshfield Hills, Massachusetts
 Hale, Nita, 219 Katahdin Avenue, Millinocket
 Hall, Jeanne M., Waterbury, Vermont
 Hallberg, Beverly A., 658 Lincoln Avenue, Orange, New Jersey
 Halleé, Jeanne L., 14 Moore Street, Waterville
 Hamlin, Barbara E., 550 Preble Street, South Portland

¹ In attendance first semester, only.

- Hancock, Jane, Cape Neddick
 Hand, Grace J., 157 Washington Street, Northport, New York
 Harris, Edith L., 5 Goden Street, Belmont, Massachusetts
 Hart, Barbara J., 43 Stevens Road, Cranston, Rhode Island
 Harvey, Hope R., 20 Silver Street, Middletown, Connecticut
 Haskell, Joan, R.F.D., Harvard, Massachusetts
 Hathaway, Mary C., 240 Main Street, Kingston, Massachusetts
 Haynes, Janet B., 19 Leavitt Street, Skowhegan
 Hemenway, Myra S., 137 Langley Road, Newton Centre, Massachusetts
 Herd, Charmian J., 62 Benton Avenue, Winslow
 Hewins, Janet R., 156 Willowbend Road, Rochester, New York
 Higgins, Lorraine S., 24 Main Street, Fairfield
 Hill, Barbara, 11 Dalton Street, Waterville
 Hill, Joan S., 11 Dalton Street, Waterville
 Hillsen, Jean C., 109 Ararat Street, Worcester, Massachusetts
 Hillson, Barbara, 11 Colbourne Crescent, Brookline, Massachusetts
 Hinckley, Nancey, 19 Harvard Street, Hyannis, Massachusetts
 Hoagland, Joan H., Cedar Acres, Deerfoot Road, Southboro, Massachusetts
 Hodge, Louise G., 29 Barclay Road, Scarsdale, New York
 Hollister, Sarah L., 909 Elk Street, Franklin, Pennsylvania
 Holt, Beverly M., Upper Main Street, Clinton
 Hooker, Georgina F., 59 Old Orchard Lane, Scarsdale, New York
 Houston, Anne W., 92 Columbia Avenue, Edgewood, Rhode Island
 How, Natalie G., 6 Taylor Avenue, South Norwalk, Connecticut
 Hughes, Nancy C., 93 Hudson Avenue, Stillwater, New York
 Huntington, Carol G., 76 Prichard Street, Fitchburg, Massachusetts
 Hutchins, Joyce, Highpine
 Ingraham, Shirley R., 156 Summer Street, Bristol, Connecticut
¹Jacob, Dorothy, 20 Essex Street, Newburyport, Massachusetts
 Jacobs, Elizabeth Ann, 24 Plummer Street, Gardiner
 Jackson, Martha A., 212 Main Street, Winchester, Massachusetts
 Jefferson, Barbara, 145 Bond Street, Norwood, Massachusetts
 Jennings, Alice O., 127 Church Street, Winchester, Massachusetts
 Jennings, Ann, 127 Church Street, Winchester, Massachusetts
 Jennings, Elisabeth, 127 Church Street, Winchester, Massachusetts
 Jennison, Naomi B., Mayflower Hill, Waterville
 Jensen, June R., 12 Quincy Avenue, Arlington, New Jersey
 Jensen, Lois J., 2 Park Circle, Towson, Maryland
 Jensen, Patricia E., 112 Lamb Street, Cumberland Mills
¹Jewell, Alice E., 879 Bronson Road, Fairfield, Connecticut
 Johnston, Catherine M., Main Street, Guilford
 Johnston, Joanna D., 83 Washington Street, Winchester, Massachusetts
 Jordan, Mary E., 173 Summit Avenue, Summit, New Jersey
 Kable, Alice T., 49 Silver Street, Waterville
 Kaplan, Tema J., 70 Winchester Street, Brookline, Massachusetts

¹ In attendance first semester, only.

- Kelby, Joan, 923 President Street, Brooklyn, New York
 Kenerson, Ellen, 14 Brooks Street, Winchester, Massachusetts
 Kilkenny, Mary-Lou A., 57 Channing Road, Belmont, Massachusetts
 Kimball, Frances F., South Street, Gorham
 King, Audrey P., 1 Edgett Street, Bath
 Klafstad, Ragnhild F., 8 Brookside Avenue, Belmont, Massachusetts
 Klament, Antoinette R., 18 Danforth Street, Norway
 Knight, Doris L., 534 Parkway Avenue, Trenton, New Jersey
 Koshina, Doris L., 8 Overlook Park, East Port Chester, Connecticut
 Koster, Barbara A., 29 Broad Street, Rockland
 Koster, Elizabeth H., Quaker Ridge Farm, Freeport
 Kozlowski, Vera, 354 Hutchinson Avenue, Mount Vernon, New York
 Kunkel, Sarah F., 26 Lewis Road, Swampscott, Massachusetts
 Kuzmeski, Pauline V., 99 Williams Street, Northampton, Massachusetts
 LaCasce, Marion, Fryeburg
 Leach, Priscilla C., 346 Franklin Street, Framingham, Massachusetts
 Leavenworth, Louise J., 147 Circular Avenue, Waterbury, Connecticut
 Leavitt, Helen A., 150 Tryon Avenue, Englewood, New Jersey
 Lehtonen, Elaine R., 43 Audubon Road, East Braintree, Massachusetts
 Leighton, Mary E., R.F.D., Wallingford, Connecticut
 Leonard, Carol J., 145 Silver Street, Dover, New Hampshire
 Leonard, Constance M., 47 Cary Avenue, Milton, Massachusetts
 Leslie, Cynthia A., 30 Summer Street, Methuen, Massachusetts
 Leslie, Janet S., 30 Summer Street, Methuen, Massachusetts
 Levardsen, Elisabeth L., 438 Upper Boulevard, Ridgewood, New Jersey
 Leverett, Ruth, 269 Clay Street, Hackensack, New Jersey
 Lewis, Ellen A., 54 Malcolm Road, Jamaica Plain, Massachusetts
 Libby, Rae Frances, 75 Coyle Street, Portland
 Littlefield, Jeanne, 96 College Avenue, Waterville
 Livingstone, Elizabeth H., 97 Moran Road, Grosse Pointe Farms, Michigan
 Lobdell, Mary Glenn, Berkshire Farm, Canaan, New York
 Lockhart, Ardes B., North Main Street, Caribou
 Longley, Roberta, 7 Nudd Street, Waterville
 Loughman, Martha W., 18 Fredana Road, Waban, Massachusetts
 Love, Patricia A., R.F.D. 1, East Chatham, New York
 Lydon, Patricia A., 102 Bartlett Street, Charlestown, Massachusetts
 McCormack, Sally P., 410 Bradford Parkway, Syracuse, New York
 McCurda, Arlene I., P. O. North Whitefield, Jefferson
 MacDonald, Jean L., 3 Williams Street, North Quincy, Massachusetts
 MacDonald, Nancy A., 3 Williams Street, North Quincy, Massachusetts
 McDonell, Florence W., 11-A Allen Place, Radburn, New Jersey
 McIntyre, Pauline E., 1 Brown Street, Norway

- McLean, Carolyn N., 48 Kenwood Street, Portland
 McLeod, Jane E., 20 Windemere Circle, Braintree, Massachusetts
 MacPherson, Carlene F., 68 Seavey Street, Cumberland Mills
 McPherson, Susan H., Presque Isle
 Macdougall, Nellie G., Meadow Street, Bingham
 Macpherson, Margaret H., 20 North Broadway, White Plains, New York
 Magee, Anne M., Diamond Hill Road, Manville, Rhode Island
¹Malley, Dolores T., 124 College Avenue, Waterville
 Maloof, Jean, 697 West Roxbury Parkway, West Roxbury, Massachusetts
 Mandell, Esta G., 30 Roosevelt Avenue, Waterville
 Marker, Chana M., 16 Jerome Place, Upper Montclair, New Jersey
 Markham, Kathleen L., 68 Middle Street, Skowhegan
 Marshall, Shirley I., 18 Brook Street, Waterville
 Martin, Joan C., 520 Cory Place, Westfield, New Jersey
 Matthes, Marilyn, 33 Fernald Avenue, Haverhill, Massachusetts
 Mayne, Dorris, 3552 33rd Street, San Diego, California
 Mellin, Barbara J., 18 Marmion Road, Melrose, Massachusetts
 Merrill, Jane L., 12 School Street, Georgetown, Massachusetts
 Merrill, Patricia L., 106 Cedric Road, Newton Centre, Massachusetts
 Merriman, Ruth E., 46 South Avenue, Melrose, Massachusetts
 Metcalf, Betty A., 47 Oxford Street, Hartford, Connecticut
 Meyer, Lillian, 91 Hillside Avenue, Teaneck, New Jersey
¹Miller, Anne W., 43 Beach Road, Monmouth Beach, New Jersey
 Miller, Barbara L., 45 Jonson Street, Newington, Connecticut
 Miller, Doris B., 250 Ward Street, Newton Centre, Massachusetts
 Miller, Edna M., 235 Oak Street, Holyoke, Massachusetts
 Millett, Joan S., 89 Mystic Valley Parkway, Winchester, Massachusetts
 Morgan, Audrey E., 317 South Pleasant Street, Amherst, Massachusetts
 Morrison, Ann A., 19 Cushman Street, Augusta
 Moskowitz, Alyce J., 33 Rich Avenue, Mount Vernon, New York
 Moss, Patricia E., 208 Belgrove Drive, Kearny, New Jersey
 Muller, Elaine K., 114 New York Avenue, Dumont, New Jersey
 Murray, Patricia F., 21 Court Street, Farmington
 Nelson, Annalee C., 134 3rd Avenue, Pelham, New York
 Nelson, Nancy, Duquesne House, Fort Hill Village, Scarsdale, New York
 Newman, Nancy E., 169 Bradlee Avenue, Swampscott, Massachusetts
 Nickerson, Helen R., 53-40 212 Street, Bayside, New York
 Nile, Winona T., 40 Manning Road, Waltham, Massachusetts
 Nilson, Nancy A., 51 Oak Street, Milton, Massachusetts
 Noble, Charlotte R., 21 Woodland Road, Malden, Massachusetts
 Norwood, Lois M., Warren
 Nourse, Frances E., 22 Woodmont Street, Portland
 Noyes, Elaine F., 24 Columbia Street, Augusta

¹ In attendance first semester, only.

- O'Donnell, Jane, 39 Third Street, Presque Isle
 Omark, Patricia D., 15 Upyonda Way, Rumford, Rhode Island
 Orth, Ann, 112 Pleasant Street, Newton Centre, Massachusetts
 Osborne, Anne, 35 Harding Road, Glen Rock, New Jersey
 Palen, Helen H., 60 Morningside Avenue, Waterbury, Connecticut
 Parker, Katharine O., 7 Ledgewood Street, Winchester, Massachusetts
 Peirce, Joanne, 30 Brookfield Road, Waltham, Massachusetts
 Pelletier, Jeanne F., Linden Street, Rockville Centre, New York
 Perkins, Marilyn, 11 Ina Street, Springfield, Massachusetts
 Perrigo, Janet M., 59 Central Street, Hallowell
 Perry, Jane C., 47 Masonic Street, Rockland
 Pettee, Charlotte E., 93 Oakland Street, Waterville
 Philbrook, Celia J., 18 Burton Street, Westbrook
 Pierce, Margaret D., 319 Lexington Avenue, Oneida, New York
 Pierce, Ruth E., 24 Bayley Terrace, South Weymouth, Massachusetts
 Plaisted, M. Marjorie, Lincolnville
 Plowman, Anne C., 25 Morse Street, Portland
 Pomerleau, Lorraine A., 2 Morrison Avenue, Waterville
 Poulin, Lois H., 28 Greenwood Street, Waterville
 Pratt, Hildegard D., 145 East Second Street, Corning, New York
 Preble, Constance H., 471 Rivard Boulevard, Grosse Pointe, Michigan
 Prentiss, Lois L., 9 Leighton Street, Waterville
 Preston, Margaret L., 6104 Lombard Street, Cheverly, Maryland
 Pride, Janet, 37 Foxcroft Road, Winchester, Massachusetts
 Prior, Beverly F., 198 Margaret Street, South Portland
 Record, Dona J., 89 Leland Road, Rochester, New York
 Reed, Marylou, Woolwich
 Rees, Sue, 15 Shepley Street, Auburn
 Remington, Jean O., 63 Melrose Street, Needham, Massachusetts
 Rice, Sylvia L., 54 Lawton Road, Needham, Massachusetts
 Ricker, Nancy L., 40 Court Street, Boston, Massachusetts
 Rieker, May A., 15 E. Levering Mill Road, Cynwyd, Pennsylvania
 Ritsher, Helen L.; 229 Longmeadow Street, Longmeadow, Massachusetts
 Rivers, Betty-Lou, 11 Central Avenue, Newtonville, Massachusetts
 Roberts, Carolyn L., 26 Henderson Street, Brownville Junction
 Roberts, Mary-Louise, 153 Bayard Street, Providence, Rhode Island
 Rodgers, Margaret S., 22 Prospect Avenue, Swampscott, Massachusetts
 Rodney, Ann, 4018 Hampton Street, Elmhurst, New York
 Rogers, Alice R., 36 Mechanic Street, Rockland
 Rogers, Joan S., Veterans Apartments, Mayflower Hill, Waterville
 Root, Joyce A., 2951 Whitney' Avenue, Mount Carmel, Connecticut
 Root, Patricia O., 27 Mount Pleasant Street, Winchester, Massachusetts
 Rosenberg, Maxine A., 40 Oaklawn Street, New Bedford, Massachusetts

- Rosenston, Claire L., 629 Walk Hill Street, Mattapan, Massachusetts
 Rossiter, A. Frances, Jefferson Avenue, Bayville, New York
 Royal, Janet, 119 South Main Street, North Brookfield, Massachusetts
 Rubin, Doris S., 419 Union Court, Elizabeth, New Jersey
 Runkle, Eleanor L., 144 Mount Pleasant Avenue, Gloucester, Massachusetts
- Russell, Marjorie, 26 North Street, Plymouth, Massachusetts
 Rutherford, Grace, 8 Wallace Avenue, Mount Vernon, New York
 Ryan, Ann E., 205 Davis Drive, Bristol, Connecticut
- ¹Sales, Patricia G., 33 King's Beach Terrace, Swampscott, Massachusetts
 Sargent, Diane B., 17 Glen Avenue, Cape Elizabeth
 Sargent, Mary F., 117 Albion Place, Passaic, New Jersey
 Scott, Barbara A., 635 North Main Street, Palmer, Massachusetts
 Seekins, Joan C., 5 Douglass Avenue, Norwood, Massachusetts
 Semonian, Nancy I., Potter Street, Concord, Massachusetts
 Seward, Mary Anne, 720 Thomas Street, State College, Pennsylvania
 Sferes, Evangeline, South Windham
 Shaw, Elizabeth, 24 Grafton Avenue, Milton, Massachusetts
 Shaw, Jeannine L., West Scarborough
 Shaw, Sally N., 32-11 213 Street, Bayside, New York
 Shearman, Marjorie A., 163 Eighth Street, Cresskill, New Jersey
 Sheppard, Jean W., 33 Lovell Road, Melrose, Massachusetts
 Shibles, Leanne M., 41 Monroe Avenue, Westbrook
 Shoul, Charlotte J., 33 Nobscot Road, Newton Centre, Massachusetts
 Sister Mary Alfreda, 54 Elm Street, Waterville
 Small, Nancy L., High Street, East Machias
 Smart, Elizabeth J., 140 Laurel Hill Road, Mountain Lakes, New Jersey
 Smart, Ruth V., Bailey Farm, Milo
 Smith, Carol S., 15 Dale Street, Newtonville, Massachusetts
 Smith, Deborah, 86 Brooks Street, West Medford, Massachusetts
 Smith, Jean C., 488 West Main Street, North Adams, Massachusetts
 Smith, Lois M., 28 Gilman Street, Waterville
 Soutter, Marilyn A., 15 Roosevelt Avenue, Waterville
 Stairs, June M., 74 Rockland Street, Swampscott, Massachusetts
 Starbuck, Barbara, 15 Cambridge Road, Scarsdale, New York
 Starr, Barbara E., 14 Norton Road, Quincy, Massachusetts
- ¹Steady, Jane A., 21 Prospect Street, Lakeport, New Hampshire
 Stern, Charlotte B., 383 North Avenue, Fanwood, New Jersey
 Stetson, Ruth H., Glidden Street, Newcastle
 Stewart, Joan V., 101-42 109th Street, Richmond Hill, New York
 Stickney, Myra D., New Gloucester
 Stigman, Carolyn J., 134 Cumberland Street, Cumberland Mills
 Stiles, Ellen D., 9 Rowan Road, Summit, New Jersey
 Storrs, Priscilla A., Manchester Center, Vermont
 Stowell, Margaret E., 44 Woodland Avenue, Bronxville, New York
 Sylvester, Alene L., Albion
 Tarr, Lucille E., 1576 Forest Avenue, Portland

¹ In attendance first semester, only.

Thacker, Carol A., 219 Harris Avenue, Needham, Massachusetts
 Thackeray, Marguerite A., 8 Oxford Avenue, Ridlonville
 Thomas, Mary W., 10 Center Street, Waterville
 Thompson, Anne E., 77 Concord Street, Nashua, New Hampshire
 Thorndike, Lois L., 16 Russell Avenue, Rockport
 Thurber, Dorothy M., Uncasville, Connecticut
 Tibbetts, Norene, 112 Dartmouth Street, Portland
¹Tirsbier, Barbara J., 24 West Clay Avenue, Roselle Park, New Jersey
 Titus, Jean, 1 High Road, Newbury, Massachusetts
 Tolkowsky, Eileen V., 393 West End Avenue, New York, New York
 Torr, Helen L., 250 West 22nd Street, New York, New York
 Toulouse, Jacqueline P., 49 Water Street, Waterville
 Town, Shirley M., 198 Prospect Street, Berlin, New Hampshire
 Tozier, Edith, West Saddle River Road, Saddle River, New Jersey
 Tracey, Priscilla C., 25 Woodside Street, Salem, Massachusetts
 VanEvery, Barbara J., 2432 Channing Road, University Heights, Ohio
 Vaughan, Barbara D., Gorham
 Vaughan, Janice R., White Oaks Road, Laconia, New Hampshire
 Wakefield, Pauline S., Elm Street, Bucksport
 Walker, Carol A., 605 Middle Street, Bath
 Walker, Evelyn L., 52 Rochester Street, Westbrook
 Wallace, Joyce G., Elm Avenue, Monument Beach, Massachusetts
 Ward, Alma M., 6 Gray Circle, Arlington, Massachusetts
 Ward, Faith, 156 Springdale Road, Princeton, New Jersey
 Warendorf, E. Henrietta, 7 Edgewood Road, Scarsdale, New York
 Washburn, Dorothy J., 7 Park Avenue, New York, New York
 Watt, Ruth E., 35 Roosevelt Avenue, Holyoke, Massachusetts
 Weare, Nancy B., 23 Cedar Drive, Great Neck, New York
 Webber, Nancy J., 103 South Street, Bath
 Webster, Suzanne, 87 West Main Street, Westboro
 Wentworth, Barbara C., 6 Franklin Street, Belfast
 West, Janet F., Willow Road, Lawrenceville, New Jersey
 Whitcomb, Haroldene, 28 Vanderbilt Road, Scarsdale, New York
 Whitcomb, Jean P., Chester, Vermont
 White, June D., 81 Brackett Road, Newton, Massachusetts
 White, Mary J., 227 Washington Avenue, Pleasantville, New York
 White, Mary L., 8 Hudson Avenue, Guilford
 Whitney, Leda H., 172 Church Street, Oakland
 Wiley, Constance M., 109 Main Street, Sanford
 Wilkes, Joanne S., 41 Glenmore Drive, New Rochelle, New York
 Wilkins, Caroline S., 405 Main Street, Medfield, Massachusetts
 Williams, Carolyn E., 191 Sandwich Street, Plymouth, Massachusetts
 Williams, Nancy H., Hatchville Road, East Falmouth, Massachusetts
 Wilson, Mary H., 15 Moses Brown Street, Providence, Rhode Island
 Winter, Christine E., Depot Street, Kingfield
 Withington, Joan, 63 Dryads Green, Northampton, Massachusetts
 Wyman, Barbara J., 39 Newton Street, Portland
 Yeaton, Joanne J., Flagstaff
 Young, Virginia A., 110 Federal Street, Salem, Massachusetts

¹ In attendance first semester, only.

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