DIRECTIONS FOR CORRESPONDENCE

The post office and telegraph address of the College is Williamstown, Massachusetts 01267. The telephone number is Glenview 8-7131 for all departments.

Correspondence concerning matters of general interest to the College should be addressed to the President.

Other inquiries should be addressed to the officers named below:

- Admission of students
- Alumni matters
- Business matters
- Catalogs and brochures
- Graduate study
- Scholarships and financial aid
- Student affairs
- Transcripts and records

Director of Admissions
Secretary of the Society of Alumni
Treasurer
Director of Admissions
Chairman of the Committee on Graduate Study
Director of Financial Aid
Dean of the College
Registrar

The corporate name of the College is
The President and Trustees of Williams College

VISITS TO THE COLLEGE

Visitors are welcomed at the College and student guides are available throughout the year at the Admissions Office on the main floor of Hopkins Hall. If a visitor wishes to see a specific member of the administration or faculty, it is essential to arrange in advance for an appointment. The administrative offices are in Hopkins Hall. A map of the campus is to be found in the back of this catalog.

Williamstown is most conveniently reached by automobile. A map showing connections with main transportation arteries is to be found in the back of this catalog. A bus from New York City is operated by the Eastern Greyhound Lines and departs from the Greyhound Bus Terminal on West Fiftieth Street. A bus from Boston is operated by the Englander Coach Lines and departs from the Greyhound Bus Terminal on Park Square.

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Series 62, Number 1 April 1965
ON LIBERAL ARTS EDUCATION

“Young men now entering college, if given their biblical life span — and who knows what more or less than three score and ten? — will be carrying responsibilities well into the twenty-first century of the Christian era. No one can pretend to more than a guess at what they will then be called upon to comprehend. This much we do know: that no training in fixed techniques, no finite knowledge now at hand, no rigid formula they might be given can solve problems whose shape we cannot yet define. Nor have they time to waste in pursuit of transitory expedients, the ephemeral, the shallow or the merely popular.

“The most versatile, the most durable, in an ultimate sense the most practical knowledge and intellectual resources which they can now be offered are those impractical arts and sciences around which a liberal arts education has long centered: the capacity to see and feel, to grasp, respond and act over a widening arc of experience; the disposition and ability to think, to question, to use knowledge to order an ever-extending range of reality; the elasticity to grow, to perceive more widely and more deeply, and perhaps to create; the understanding to decide where to stand and the will and tenacity to do so; the wit and wisdom, the humanity and the humor to try to see oneself, one’s society and one’s world with open eyes, to live a life usefully, to help things in which one believes on their way. This is not the whole of a liberal arts education, but as I understand it, this range of goals is close to its core.”

From the Induction Address of
President John Edward Sawyer

October 8, 1961
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STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION FOR WILLIAMS COLLEGE CATALOG

As required by the Act of Congress, October 23, 1962
(Section 4369, Title 39, United States Code)

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8. Owner: President and Trustees of Williams College, Hopkins Hall, Williamstown, Mass. 01267
9. None.

I certify that the statements made by me above are correct and complete.

Benjamin W. Labaree
*Editor*
Williams College is an independent, privately endowed, liberal arts institution for men. The establishment in 1791 of a “free school” by the will of Colonel Ephraim Williams led to the founding of the College in 1793. The growth of Williams from these beginnings to its present stature as an institution nationally known for academic excellence is traced in the history of the College given on pages 9-13.

Williams is fortunate in having a beautiful natural setting. It is situated in Williamstown, a small, two-hundred-year old, residential community in the Berkshire Hills of western Massachusetts. A map of the surrounding area will be found at the back of this catalog.

The College is supported mainly by the gifts of its alumni and friends, and the present endowment at book value is $35,791,457; at market value it is $49,883,806. The College has facilities for about 1,250 students. Approximately 25 per cent of the undergraduates come from New England, 40 per cent from the Middle Atlantic States, 17 per cent from the North Central, and the remainder from other states and foreign countries.

The curriculum at Williams is characterized by its freedom of course election, insistence on diversity, and emphasis on concentration in a major subject. The College seeks to develop in the student those qualities of mind and character which encourage creative, independent, responsible thought and a taste for intellectual adventure. The particular intellectual interests and abilities of the individual are considered of utmost importance, but the College insists on a broad general education and requires that each student become familiar with areas of knowledge outside his own special interests. The first two years are devoted primarily to the discovery of interests and the testing of capacities. The last two years emphasize concentration in a major field but allow for continued pursuit of interests in other areas. Details of the curriculum are described on pages 41-56.

The curriculum permits a student with definite professional objectives to acquire solid preparation for advanced study at a graduate or professional...
school; and it also enables those with indefinite plans to explore and test their individual interests and abilities. The general plan of study is made as flexible as possible in order to accommodate those changes in post-college objectives which frequently develop in the course of college experience. Most graduates of Williams continue their studies in graduate or professional schools.

Williams recognizes that the total environment of the college community is in itself a powerful educator. To this end, care is taken to see that the intellectual, spiritual, and physical needs of the students are adequately met. Although Williams is non-sectarian, religious activities have always been important in the life of the College. A full program of extra-curricular activities—social, dramatic, musical, and athletic—is within the reach of all students. But the emphasis is on the unique influences of a college: those of the classroom and the library.

Admission to Williams is competitive. The College is particularly interested in young men of demonstrated ability and motivation for higher education: men who will seek knowledge for themselves and not merely passively attend classes in the expectation of being “instructed”. Admission procedures and requirements are described fully on pages 19-25.

Opportunities for superior students are of particular interest. (See pages 41, 42.) In order to encourage students of superior ability and attainment to undertake demanding academic programs, the College relaxes many of its ordinary requirements. Freshmen with superior secondary school records in a particular subject may be permitted to enroll in advanced courses. Freshmen who have performed satisfactorily in college-level secondary school courses and on the examinations of the Advanced Placement Program (see page 21) are placed in advanced courses. Furthermore, they may be permitted to undertake extra courses at Williams and at approved summer schools and thus earn the B.A. degree in fewer than the normal four years.

Juniors and seniors of superior initiative and ability are given opportunity to exercise originality and responsibility as scholars by participating in departmental programs of special honors courses, by writing honors theses, or by combining these two approaches to the degree with honors.

The counseling services (see pages 214-216) are an important part of the education program at Williams. Through academic and personal counseling the College endeavors to help each student to gain the maximum benefit from the educational opportunities offered by the College. A faculty ad-
Foreword

A faculty advisor checks each freshman’s registration during Freshman Week and is available for advice and consultation throughout the freshman year. Thirty members of the junior class live in the freshman dormitories and provide assistance. Since most classes are small and the ratio of students to faculty is low, there are many opportunities for informal counseling by classroom instructors.

The facilities and equipment of the College are maintained at a high level of serviceability. The libraries, laboratories, and special facilities of the College are described on pages 223-233, and a map of the campus is provided at the back of this catalog. The libraries include a basic collection of 260,000 volumes and over 100,000 unbound United States public documents. In the Chapin Library, over 16,000 rare books, manuscripts, and 4,500 reference books are to be found. The Williams College Museum of Art houses a notable collection, and the resources of the Clark Art Institute are conveniently available.

Williams is a residential college. Housing accommodation is provided in the college dormitories and in thirteen residential houses and through the 1965-66 academic year in two continuing fraternities near the campus. Freshmen are housed together, principally in four dormitories, and take their meals in the freshman dining room of Baxter Hall. Procedures for room applications by newly-admitted students are detailed on page 24.

By 1966 all Williams undergraduates will be members of college residential houses, where the upper three classes will dine and live. Freshmen will be affiliated with these houses mid-way in the year.

Tuition at Williams is currently $1,600 a year. Overall college expenses on a minimum normal budget are estimated at about $3,250. Details of expenses are given on pages 26, 27.

Scholarships and other means of financial aid are given special emphasis. Limited resources should not discourage a prospective college candidate from making application. At least one freshman in three receives a scholarship on entrance, and approximately $475,000 in financial aid will be awarded to undergraduates during 1964-65.

Among the many forms of student aid available, several special scholarships are of particular interest. The Alfred P. Sloan National Scholarships are awarded to a number of unusually well-qualified freshmen. These scholarships provide for annual grants up to $2,000 and they may be renewed an-
nually for the entire four years. The Tyng Foundation Scholarships, open to gifted students throughout the country, are scaled to need with a view to defraying all necessary expenses at Williams. Provision is also made for continuing these awards in order to finance up to three years of graduate study for deserving scholars. The full program of Scholarships and Financial Aid will be found on pages 28-40.

Undergraduate activities center in Baxter Hall, the student union with facilities resembling those of a club. The organization of these activities is explained on pages 234-244. Special interest attaches to the system of self-government, which extends into every phase of college life; and to the honor system, which has operated at Williams for over half a century (see page 211). Examinations are not proctored. The integrity of every student is assumed.
The chartering of Williams College in 1793 was an act of faith and certainly an act surpassing the modest intentions of Colonel Ephraim Williams, for whom the College is named.

Colonel Williams had not intended to found a college. Enroute with his regiment of Massachusetts militia to join battle with the French and Indians at Lake George, the Colonel had tarried long enough in Albany to write his last will and testament on July 22, 1755. In it he bequeathed his residuary estate for the founding and support of a free school in West Township, where for some years he had commanded a detachment of militia at Fort Massachusetts, farthest outpost of the province. The will stipulated that West Township, then in dispute between Massachusetts and New York, must fall within Massachusetts and that the name of the township must be changed to Williamstown, if the free school was to be established at all.

On September 8, 1755, Colonel Williams was killed at the Battle of Lake George. On October 26, 1791, after many delays, fifteen scholars were admitted to the free school in Williamstown. Within a year the trustees, not content with the original modest design of the founders, were captivated by the idea of creating a college where, as they put it, “young gentlemen from every part of the Union” might resort for instruction “in all the branches of useful and polite literature”. The proposal was extremely ambitious, to be sure, but ambition was a common American ailment. England did not develop a third university until the nineteenth century; Williams was the twenty-first institution of higher learning to flower in the onetime British colonies, the second in Massachusetts, the sixth in New England. On June 22, 1793, the Commonwealth of Massachusetts granted a charter to Williams College.

The bold decision to plant a college in the wilderness betrayed the intentions of Colonel Williams; yet the new vision had been fed by the same sort of dreams that had led Ephraim Williams to see a school and a comfortable community where only a military outpost had stood. The early trustees and the legislature of the Commonwealth were to be remembered for their foresight, but in the decades after 1793 they had reason to acknowl-
edge that the soil they had chosen was stubbornly uncongenial—so uncongenial, in fact, that for many years the trustees of Williams spent more time and energy in trying to close the College than in keeping it open.

In 1819 they petitioned to move the College to Northampton, and in 1821, having been spurned by the legislature, President Zephaniah Swift Moore took matters into his own hands. Convinced that almost everything about Williams was impossible—its location, its funds, its enrollment—he led a group of students over the mountains into the Connecticut valley. There he became their president once again, at the struggling new college known as Amherst. As for Williams, one member of the senior class wrote home to his father: “It remains for us to say whether it shall die suddenly, or whether it shall linger along for two or three years.”

In the past the public had come to the support of the institution. A lottery furnished funds essential to the opening of the free school. A public subscription was the answer of Berkshire County to the threat of removal in 1819. What saved the College in 1821 was the willingness of the Reverend Edward Dorr Griffin to take the job of president and the determination with which he drew upon the College’s reputation for religious conservatism to collect much-needed funds. By 1828 the Reverend Griffin could be seen standing in the middle of Main Street, supervising the construction of a handsome new building, housing a chapel, a library, and classrooms, a testament to his confidence and his skill. The building is now known as Griffin Hall.

The College which had been taking shape under Griffin and his predecessors was not unlike many other New England colleges where the classical curriculum and a moral atmosphere served as the basis for training young men for professional life. The College turned out its share of clergymen, doctors, lawyers, and teachers, serving the needs of western Massachusetts and surrounding communities in New York and Vermont. But Williams was not yet a place to which “young gentlemen from every part of the Union” resorted. In fact, Nathaniel Hawthorne, attending the commencement exercises in 1838, jotted in his notebook some observations on the Williams students he saw there: “Country graduates—rough, brown-featured, schoolmaster looking. . . . A rough hewn, heavy set of fellows from the hills and woods in this neighborhood; unpolished bumpkins, who had grown up as farmer-boys.”

Williams seldom knew financial security until the end of the nineteenth century. But it did have assets that enabled it to develop into a proto-type of the small New England liberal arts college. Scenery, a reputation for moral soundness, a loyal body of alumni, and a devoted faculty went a long way toward compensating for inadequate funds.
Of the scenery, Thoreau remarked, after a visit in 1839, “It would be no small advantage if every college were thus located at the base of a mountain.” For Thoreau the location of Williams was “as good at least as one well-endowed professorship.” In the early years the religious reputation of the College depended on the essential orthodoxy of its presidents and faculty. It gathered strength from the famous episode of the “haystack meeting” in the summer of 1806. Five Williams undergraduates, seeking to continue their prayers and conversations in spite of a sudden thunderstorm, retired from a grove of trees to the shelter of a nearby haystack, where they were inspired to launch the great adventure of American foreign missions. The College’s reputation for soundness in religion benefited, too, from the fact that its extremely informal ties with the Congregationalists saved it from the sometimes stifling stranglehold of an organic denominational connection.

During a crisis in the affairs of the College in 1821, a group of alumni met in Williamstown and organized the Society of Alumni, dedicated to the future welfare of the College. Their action gave Williams the distinction of organizing the first college alumni society in history. Alumni loyalty was rewarded when, in 1868, the College provided for official alumni representation on the board of trustees, an act of recognition in which only Harvard, among American colleges, anticipated Williams.

II

But essentially the College has built its reputation around teachers and teaching. Mark Hopkins, who was a Williams professor from 1830 to 1887 and president of the College from 1836 to 1872, has become a symbol of this emphasis. In American education Hopkins pioneered in making the student the center of the educational experience, and he did it so well that one of his former students, U. S. President James A. Garfield, immortalized his achievement in an aphorism which has passed into the lore of American education: “The ideal college is Mark Hopkins on one end of a log and a student on the other.” The Hopkins tradition has become one of the College’s great assets. It has been perpetuated in the lives of generations of teachers.

Scenery, a reputation for building sound character, loyal but not especially affluent alumni, and devoted teachers could keep the College open, but like most other colleges Williams did not experience growth and prosperity until the closing decades of the nineteenth century. The scenery, of course, remained constant, but it developed into an even greater asset as the United States became more urbanized and industrialized. Williams was still a country college: a Massachusetts court decision of 1888 declared that cows owned by the college were tax exempt. The discovery that businessmen
could profit from liberal education sent college enrollments upward as the century drew to a close; now more Williams alumni were men of affairs, fewer were clergymen. By 1906, of all the colleges in New England, Williams drew the largest percentage of students from outside New England.

From 1793 through 1870 the Commonwealth of Massachusetts appropriated for Williams College over $150,000, a sum of such importance that Mark Hopkins himself observed that he did “not see how the College could have got on” without state aid. A new and more dependable source of financial support was developed as the century drew to a close. In the 1890’s Frederick Ferris Thompson of the Class of 1856 became the first of many individuals to supersede the Commonwealth as the largest benefactor of the College.

III

Williams moved into the twentieth century firm in its intentions to remain a college, at a time when aspirations toward university status were unsettling many of the old colleges. It adhered to a curriculum that was designed for undergraduates; it made room for the elective principle, but it subjected course election to safeguards and controls. The idea of a liberally educated man was not jettisoned in favor of the widely accepted idea of almost complete student freedom in course election. A survey of the college curriculum in 1925 showed that Williams had combined the principles of prescription and election, the goals of concentration and distribution, in such a way as to be the only major American college without any absolutely required courses and without any uncontrolled wide-option electives. The Williams curriculum has continued to evolve, but it has not undergone such a series of major overhauls as characterize curriculums inspired by the popular educational fancy of the moment. Not having abandoned itself to the elective principle in the nineteenth century, Williams did not need to rescue itself with the general education principle in the twentieth century.

The College has grown slowly through the years. The increase in students and faculty and changes in the curriculum have made necessary increases in the endowment. Colonel Williams’ original bequest of $11,277 has grown by additional gifts and bequests to about $36,000,000 at book value.

Remarkable as this growth in resources may seem, the major challenge remains to provide the required additions to endowment and new physical facilities which the future will demand of a first rank liberal arts college. Accordingly, after two years of intensive planning, and with an acknowledgement of its history and traditions, the College in October, 1963, launched
the 175th Anniversary Fund for $14,000,000. These goals are sought within a context of needs for additional endowment and plant estimated at $25,400,000 by 1973. Notable assistance for this program was given to the College in June, 1963, in the form of a challenge grant by the Ford Foundation which offered Williams $2,500,000 on condition that it be matched three to one by June 30, 1966. This condition was in fact fulfilled within thirteen months, a period shorter than that required by any other men’s college. As of April, 1965, the Fund has grown to $11,300,000.

The studies of the College’s past and its plans for the future that led to the announcement of the 175th Anniversary Fund also paralleled several other changes at Williams. Following the 1962 decision of the Board of Trustees, Williams is implementing a system whereby the College is re-assuming its responsibility to feed, house and provide social facilities for all undergraduates. It is expected that the transition will be completed by June, 1966.

Aided by a Ford Foundation grant, Williams has entered a ten-year program under which it is admitting 10 percent of the freshmen whose human promise and recommendations exceed their paper records and formal test scores. With the generous assistance of a special gift from an interested foundation, in November, 1963, Williams acquired title to the 1000-acre Mt. Hope Farm property in Williamstown, in a step designed to allow the orderly development of a major resource, to preserve the character and beauty of the community, and to strengthen the Town’s economy.

The 175th Anniversary Fund studies, finally, have underscored changes in curriculum which have encouraged the natural and physical sciences, the expansion of subject matter in all fields and the steady reshaping by the modern world of a course of study originally designed for other times. The future curriculum at Williams will offer more new knowledge, more awareness of the cultures of the non-Western world, and a research-oriented, interdisciplinary approach to the study of science.

But the guiding spirit of the College has not wavered from the statement expressed by Mark Hopkins in his inaugural address of 1836: “We are to regard the mind, not as a piece of iron to be laid upon the anvil and hammered into any shape, nor as a block of marble in which we are to find the statue by removing the rubbish, nor as a receptacle into which knowledge may be poured; but as a flame that is to be fed, as an active being that must be strengthened to think and to feel—and to dare, to do, and to suffer.”
PRESIDENTS OF WILLIAMS

Ebenezer Fitch, D.D., 1793-1815
Zephaniah Swift Moore, D.D., 1815-1821
Edward Dorr Griffin, D.D., 1821-1836
Mark Hopkins, M.D., D.D., LL.D., 1836-1872
Paul Ansel Chadbourne, D.D., LL.D., 1872-1881
Franklin Carter, Ph.D., LL.D., 1881-1901
John Haskell Hewitt, LL.D., Acting President, 1901-1902
Henry Hopkins, D.D., LL.D., 1902-1908
Harry Augustus Garfield, L.H.D., LL.D., 1908-1934
Tyler Dennett, Ph.D., Litt.D., L.H.D., LL.D., 1934-1937
John Edward Sawyer, M.A., LL.D., 1961-
TRUSTEES 1964-1965

John Edward Sawyer, M.A., LL.D., President
Willard N. Boyden, B.A., Lake Forest, Ill.
Hugh Bullock, B.A., LL.D., New York, N. Y.
Stanley Phillips, B.A., Montclair, N. J.
William C. Fowle, M.A., Mercersburg, Pa.
Bernhard M. Auer, B.A., Greenwich, Conn.
Cleveland Thurber, LL.B., LL.D., Grosse Pointe Farms, Mich.
David P. Close, LL.B., Washington, D. C.
Daniel K. Chapman, B.A., Mt. Kiscoe, N. Y.
James A. Linen, III, L.H.D., Greenwich, Conn.
Lawrence K. Miller, B.A., Pittsfield, Mass.
John E. Lockwood, LL.B., New York, N. Y.
Charles Allen Forchl, Jr., LL.B., Secretary

TRUSTEES EMERITI 1964-1965

James Berwick Forgan, LL.D., Lake Forest, Ill. (1943-1960)
Frederick V. Geier, B.A., LL.D., Cincinnati, Ohio (1953-1963)


Committee on Instruction: William C. Fowle, Chairman, Alfred E. Driscoll, Talcott M. Banks, James A. Linen, III, Lawrence K. Miller, John E. Lockwood.


Committee on Degrees: Hugh Bullock, Chairman, Talcott M. Banks, Cleveland Thurber, Lawrence K. Miller, John E. Lockwood.


*The President is an ex-officio member of all Trustee Committees

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Aerial View of the Williams College Campus
ADMISSIONS

The present enrollment of approximately 1,175 will be increased to 1,200 in the next few years. Admissions will continue to be highly competitive, and it will be impossible to admit more than 320.

The College operates on a two-semester year program and consequently new students will be admitted only for the term beginning in September.

Under present conditions, only a few men who have completed one or two years with a good record at an accredited college may be considered as transfers.

General Basis of Selection

The Committee on Admissions selects from the candidates for admission to the freshman class those young men thought to be best qualified to profit from the educational opportunities offered by the College.

The Committee considers the following factors:

1. Evidence of high motivation for intellectual pursuits and a seriousness of purpose.
3. The recommendation of the school’s principal, headmaster, or the student’s counselor.
4. The results of the College Entrance Examination Board Scholastic Aptitude Tests (see below).
5. Character, dependability, and leadership in curricular, extra-curricular, and community affairs.

Admission Requirements

1. Candidates for admission are required to complete the college preparatory course at a secondary school with grades sufficiently high to warrant recommendation by the school for college study.
2. All candidates for admission are requested to take the Scholastic Aptitude Test of the College Entrance Examination Board and the Writing Sample in their senior year. In addition, all candidates will be required to submit an achievement test in a foreign language, classical or modern. This test may be taken at any time and is used by the language departments to certify a student in a language and/or for placement. In some cases the
Admissions Committee will require candidates to take other College Board Achievement Examinations in their senior year.

Arrangements to take this test are usually made through the student’s secondary school. Application blanks for the Scholastic Aptitude Test and a bulletin containing general information about this test may also be obtained from the College Entrance Examination Board, P. O. Box 592, Princeton, New Jersey 08540 (Candidates from Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming should write the College Entrance Examination Board, P. O. Box 1025, Berkeley, California 94701.) The application blank must be returned to the College Entrance Examination Board together with the required fee.

(3) Williams feels that a personal interview is of value both to the candidate and to the College. Accordingly, each candidate for admission is requested to arrange for an interview as early as possible before March 1 by writing to the Director of Admissions. A visit to Williamstown is strongly recommended. An appointment should be arranged in advance with the Admissions Office. If a trip to Williamstown is not feasible, the Admissions Office may be able to arrange an interview at the applicant’s school or through regional alumni associations. If the Admissions Office finds that it is not possible to arrange an interview, the candidate’s opportunity for admission will in no way be prejudiced.

(4) Candidates for admission will be expected to have a working competence in one foreign language (classical or modern) which is equivalent to that attained in two years of language study at Williams. (This will ordinarily be equivalent to three years’ study of the language in secondary school.) Fulfillment of this requirement will be determined by the score attained on the College Entrance Examination Board Language Achievement Test. At present, the qualifying scores set by the language departments of the College are as follows:

- French, Spanish, and Italian: 580
- Latin and Greek: 560
- German and Russian: 540

If a student does not meet this requirement on entrance, he will have to satisfy it by language study at Williams.

Recommended Preparation

The Committee on Admissions is more interested in the quality of a student’s work and in his general promise and seriousness of purpose than
in counting his units in specifically required subjects. It is assumed that all applicants for admission will have studied English for four years and mathematics for at least three years. The study of one foreign language for three or, preferably, four years is strongly recommended. In addition, candidates for admission will ordinarily have studied one or more courses in history and one or more courses in science.

Applicants for admission who are considering the Massachusetts Institute of Technology-Williams Combined Plan of a liberal arts program and engineering (pages 49, 50) should present for entrance credit one year of chemistry, one year of physics, and four years of mathematics, including trigonometry.

Those students wishing to offer more varied or specialized courses for entrance should discuss them with the Director of Admissions to determine how they may be adjusted to the Williams curriculum.

Admission With Advanced Placement

Williams College subscribes to the purposes of the Advanced Placement Program, which is administered by the College Entrance Examination Board. The aims of this program are to give superior students the opportunity to undertake college-level courses in secondary school, to reduce duplication in college of work done in school, and to increase for these students the opportunity to take advanced work in college. If applicants enrolled in secondary schools which are participating in this program have had the equivalent of a one-year college-level course in American history, biology, chemistry, English, European history, French, German, Latin, mathematics, physics, or Spanish, they are eligible to take the appropriate examinations given by the College Entrance Examination Board. The examinations are administered to students by their schools in May.

The applicant should request the College Entrance Examination Board to send the results of these tests to the Registrar. The results, the examination papers themselves, and the report from the student’s school will be reviewed carefully by the appropriate departments. Qualifying students will be given the opportunity of placement in advanced courses not ordinarily open to freshmen. On arrival at the College, applicants will be notified of the departmental decisions by the Registrar.

In addition to the participants in the Advanced Placement Program, freshmen with superior records in particular subjects may be permitted to enroll in advanced courses.

Questions about advanced placement should be directed to the Registrar or the Dean of Freshmen.
Admissions

Scholarships and Financial Aid

Prospective freshmen who wish to obtain scholarship aid should so indicate when making preliminary application for admission and should address all inquiries regarding scholarships to the Director of Admissions. A statement of general policy in awarding scholarships is to be found on page 28 under “Scholarships and Financial Aid”.

Application Procedure

(1) Preliminary Application. All applications to Williams are initiated by completing a preliminary application form, which may be filed at any time. (A preliminary application form may be found in the back of this catalog.) Early application is advised, though priority is not a factor in selection. It is doubtful whether the Admissions Committee will be able to consider final applications which result from preliminary applications filed after February 1 preceding the fall of entrance.

(2) Application Form. In mid-September of the senior year final applications and school transcript and recommendation forms are mailed directly to all candidates who have submitted a preliminary application form. Students filing preliminary cards after that date will be sent final forms at once.

The final application form should be accompanied by a check or money order for $10 to cover the non-refundable application fee. Final applications should be completed by February 15.

(3) Application for Scholarship. Each applicant indicates on the preliminary application form whether or not he is applying for a scholarship. Williams participates in the College Scholarship Service of the College Entrance Examination Board, and uses its application forms. These Parents’ Confidential Statements are available at the applicant’s secondary school. No additional forms are required. Scholarships and financial aid are discussed in detail on page 28.

(4) School Transcript and Recommendation. It is the candidate’s responsibility to have his school mail the transcript and recommendation forms directly to Williams. The College will contact the school for supplementary and final grade reports.

(5) Arrangements for Aptitude and Language Achievement Tests. Aptitude and Language Achievement Tests are usually arranged for at the applicant’s school (see page 20).

(6) Arrangements for Advanced Placement Tests. (Page 21.) Advanced Placement Tests are arranged at the applicant’s school and are taken in May of the senior year. The applicant should request the College Entrance Examination Board to send the results of the tests to the Registrar.
(7) **Interview.** Whenever possible candidates should request the Director of Admissions to arrange a personal interview (page 20). Interviews should be completed by March 1.

(8) **Early Decision.** The Admissions Committee will make a formal early commitment to a number of candidates each fall whose academic performance through the junior year, school recommendations, results of College Board Examinations, and overall promise for college performance are clearly superior. When an Early Decision candidate files his application for admission, he must state in writing that Williams is his first choice and that he wishes to be considered for an Early Decision. (Early Decision candidates may file other applications with the understanding that these will be withdrawn if he is accepted by Williams under Early Decision.)

The candidate’s application and request for Early Decision must be received by November 30. All other credentials must be received by December 20, so that all decisions may be made before December 30. Applicants for financial aid will be notified of the amount of their award at the time they receive their Early Decision acceptance, provided all financial aid forms are complete.

Early Decision does not relieve a student of any requirements to take and report senior year College Board scores and is contingent upon the completion of the senior year in good standing. A candidate not accepted under Early Decision will automatically be transferred to the regular applicant group where he will be eligible for consideration at the normal time in the second semester.

Only a fraction of the class will be accepted on early admissions and if the Committee is unable to reply favorably to an application in December it does not mean that the candidates will not be accepted in the regular reading. All candidates for early admissions who are not accepted at the December reading will automatically be fully considered in the regular reading, beginning in February, for the April 15 notification date.

(9) **Special Admissions Study.** Beginning with the Class of 1967, approximately 10 per cent of each class is being selected on the basis of the individual’s long range promise and his strong personal qualities which, through demonstrated performance and strong school recommendations, bespeak future success. It is expected that this group will be able to be at least minimally successful within the academic program at Williams, but that the overall quantitative academic record at entrance would not ordinarily place them among the accepted group within a strongly competitive admissions program. This group will not be identified within the class, but the Admissions Office will study the success of its members in college and later, over a ten year period, under a grant from the Ford Foundation.
Admissions

(10) Notice of Admission. With the exception of early admissions candidates, Williams grants admission, contingent upon the successful completion of the senior year, to successful candidates in the middle of April. All final decisions are mailed at this time. If the Admissions Committee can give a candidate earlier notice either of rejection or of ultimate acceptance during the course of its reading it will attempt to do so.

(11) Candidate’s Reply Date. Williams subscribes to the candidate’s reply date of May 1, and will not require a final answer of its successful candidates before that date (with the exception of early decision candidates).

(12) Room Assignment. An application form for a room assignment is sent to each successful applicant by the Director of Admissions after the applicant has notified the Director of his intention of entering Williams. Notice of the room assignment is sent to the applicant during the summer.

(13) Final Admission. Notice of final admission is sent to the successful applicants after their work in their final school year has been completed.

(14) Registration for Freshman Courses. A freshman registration form and a copy of Freshman Courses of Instruction are sent to each successful applicant by the Dean of Freshmen after the applicant has notified the Director of Admissions of his intention to enter the College. The registration form should be completed by the student and returned to the Dean of Freshmen. On arrival at the College the student will have an opportunity to check his registration with his faculty adviser.

Bowdoin Plan and Haystack Scholarships

Williams College offers each year several full tuition scholarships for foreign applicants under its Bowdoin Plan Program and four full continuing scholarships under the Haystack Memorial Scholarship Program. Tuition and certain fees for Bowdoin Plan students are remitted by the College, and room and board are financed by the undergraduates. The Haystack Scholarships provide full tuition, room, board, and fees for four foreign students who are degree candidates.

Inquiries regarding these awards should be made to the Director of Admissions. Formal applications will be mailed after February 1, preceding the fall of entrance and must be returned by May 1. Selection is made on the basis of the candidate’s academic record to date, reasons for study in the United States, and his knowledge of English. It is hoped that selections can be completed by June 1.
Admissions

Transfer Candidates

The number of transfer students that can be accommodated is very limited; consequently, applicants should present a strong record from their previous college. All candidates for the Williams degree must satisfy language, divisional, and major requirements as well as the minimum two years residence requirement. Transfer inquiries should be directed to the Admissions Office anytime before March 1st of the academic year preceding anticipated entrance. Application forms will be sent prior to April 1st to those who have made clear their intent while submitting informal evidence of sound academic preparation. Formal decisions will not be made before June 1st.

Transfers will be admitted only for the term beginning in September.
Williams endeavors, within the limits of available funds, to offer its educational opportunities to all who qualify for admission, regardless of individual economic circumstances. Through the income from its endowment, and through annual contributions from its alumni and friends, the College has been able to keep its fees at about half the actual cost per student to the College.

College charges for tuition, room, board, and fees for the academic year 1965-66 are as follows:

- **Tuition**: $1,600.00
- **Consolidated fee**: $100.00
- **Accident and Sickness Insurance**: $23.00

**Tuition and fees**: $1,730.00
- **Room fee**: $400.00
- **Student Union Board (20 meals a week)**: $600.00

A charge of $160 a semester is made for each extra course, above the normal five course program.

Late registration or enrollment entails a charge of $10 and a change in course a charge of $5.00. The Accident and Sickness insurance policy is described on page 246.

A student activities tax for support of the non-athletic student organizations is levied on all students as a part of the college term bill in an amount as required by approved organizational budgets. For the year 1964-65 the tax was $25 and included, for example, subscription to the college yearbook *The Gulielmensian*, and admission to drama productions sponsored by the Adams Memorial Theatre.

**Payment of College Bills**

A non-refundable deposit of $50 to reserve a place in the class is required from all freshmen at the time of acceptance in May and appears as a credit on the first term bill rendered in September. College bills are mailed to
parents in advance of each term, and must be paid before students may attend classes. Scholarship awards are credited on college bills.

For parents desiring to pay college bills in monthly installments and to protect their son's college plans with insurance, the College offers the services of the Insured Tuition Payment Plan, Richard C. Knight, 112 Water Street, Boston 9, Massachusetts. The Treasurer's Office sends full details of this plan to parents of incoming freshmen every spring, and information about it may be obtained from the Treasurer or directly from Mr. Knight at any time.

No refund of payment for or credit on college bills will be made when a student withdraws or is dismissed from college except for college board charges which will be pro-rated. Refund may sometimes be made in other cases at the discretion of the Treasurer when exceptional circumstances exist.

Estimated Budget for a College Year

Based on a study of expenses reported by scholarship students, a minimum normal budget for a college year (two semesters) at Williams is estimated as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$1600</td>
</tr>
<tr>
<td>Consolidated Fee</td>
<td>100</td>
</tr>
<tr>
<td>Health and Accident Insurance</td>
<td>23</td>
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<tr>
<td>Student Activities Tax</td>
<td>25</td>
</tr>
<tr>
<td>Room Rent</td>
<td>400</td>
</tr>
<tr>
<td>Board</td>
<td>600</td>
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<tr>
<td>Books and supplies</td>
<td>100</td>
</tr>
<tr>
<td>Clothing</td>
<td>100</td>
</tr>
<tr>
<td>Laundry, cleaning</td>
<td>60</td>
</tr>
<tr>
<td>Recreation, incidental</td>
<td>235</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$3243</strong></td>
</tr>
</tbody>
</table>

Note: Travel expenses are not included in figures listed above because this item varies greatly with each individual. Distance from Williamstown is an important factor used by the Committee on Financial Aid in determining the amount of individual grants.
Financial Aid

As the cost of teaching a student has been steadily rising in all colleges and universities, they have been forced to raise their tuition, board and room charges though the percentage of the cost paid by the student has not risen at all or has slightly declined. While tuition at Williams has been held below that of many other ranking American colleges, Williams is well aware that rising tuition costs are a serious problem for many parents. Each year Williams has been increasing the amount of financial aid offered, to a point where it totaled more than $475,000 in 1964-65. Approximately thirty per cent of the entire student body are receiving scholarships and other forms of student aid. Williams students earn a total of $99,000 on campus each year while over eighty per cent of enrollment hold earning positions in the summer.

Limited financial resources should not deter able prospective students from applying for admission to Williams. A student may apply for help at any time in his college career, at entrance, or in any one of his three upperclass years. Williams also has a number of fellowships open to seniors that will finance all or part of their graduate work.

Scholarships

Scholarships are the most prominent feature of the present financial aid program at Williams. Scholarship grants are made only to those candidates with demonstrated financial need, and selection is made on the basis of strong academic performance, satisfactory aptitudes, and the individual’s character and promise. Low interest loans and a limited number of campus jobs often make up part of the total assistance granted to freshmen. Financial assistance may range from a few hundred dollars up to $2,000 per year, with the average grant usually amounting to tuition.

Special Awards

A list of special scholarships, some of which are awarded to incoming freshmen, would include those sponsored by the Sloan Foundation, General Motors, Allied Chemical, Inland Steel, Procter and Gamble, and the Tyng
Scholarships and Financial Aid

Foundation. These and other scholarships are listed and described on pages 31-40. Tyng scholars are eligible for further assistance at the graduate level for a maximum of three years in any field of learning at any recognized university. These students are expected to maintain superior academic records while at Williams.

Application

No special examinations are required of financial aid applicants other than the College Board Scholastic Aptitude Tests, which must be taken by all candidates for admission.

Williams participates in the College Scholarship Service of the College Entrance Examination Board and uses its application forms for every freshman financial aid applicant. These forms are available at the applicant’s secondary school. No additional forms are necessary for the special scholarships referred to above.

Financial aid applicants interested in Early Decision on admission should plan on filing the CSS form by December 1st.

The computation procedure used by Williams to determine individual grants closely follows the method recommended by the College Scholarship Service. It is designed to measure the amount which the family can and should expect to contribute from its income and assets to help meet their son’s total college expenses. Such measurement takes into account many factors: number and age of other children, medical or other emergency expenses, debts and retirement problems.

Where any applicant overlaps with another college, consultation between Williams and the other college often takes place in an attempt to reach common agreement on the nature and amount of assistance to be offered such mutual candidates.

It is expected that when other scholarship awards are received subsequent to any Williams award, the recipient will immediately notify the Director of Financial Aid.

Renewal

Financial aid ordinarily covers a college year of two terms and is renewed for subsequent college years provided the student’s financial need continues and provided he maintains the prescribed academic average and standards of conduct. Application for financial aid is filed at the end of each college year, but the Committee on Financial Aid may review a case at the end of any semester.
Scholarships and Financial Aid

Sophomores, juniors, and seniors may receive a portion of their financial assistance in the form of loans, the amount being determined by the student’s academic performance during the previous college year. For a sophomore or junior the loan offer may cover between ten and forty per cent of his given need while for a senior the range is twenty to forty per cent. The student is not required to accept the loan portion of his college grant in order to receive the scholarship portion.

Interest on student loans is 3 per cent and begins to accrue one year after the borrower ceases to be a student at Williams. Up to 50 per cent of a student’s loan will be cancelled at the rate of 10 per cent a year if the borrower enters teaching or the ministry. Otherwise the repayment period depends upon the total amount borrowed and the future plans of the borrower, the schedule to be determined in consultation with the College Treasurer prior to graduation.

Recipients of Tyng Foundation awards as well as those students in such programs as National Merit, Alfred P. Sloan, General Motors, Procter and Gamble, and Inland Steel are not usually expected to depend upon loan assistance; their financial need will ordinarily be met by outright grants.

Employment Opportunities

Nearly six hundred positions in over seventy different job categories ranging from stockroom attendant to Chapel chime ringer are filled each year by undergraduates. Many of the College departments hire student assistants, while the library, all the dining halls and student-operated agencies account for another large portion of undergraduate labor. During the college year students add approximately $99,000 earned on campus to at least $500,000 earned during an average summer. All upperclassmen receiving financial aid are expected to earn a minimum of $650-750 through a combination of term-time and summer employment.

Freshmen who hold campus jobs are those who receive a portion of their financial assistance from Williams in the form of a guaranteed job opportunity. The majority fill part-time waiter positions in the Freshman Dining Hall and the work is scheduled to avoid interfering with the freshman’s academic responsibilities. It is unwise for a freshman to expect to earn a significant portion of his college expenses.

The Office of Financial Aid, located in Hopkins Hall, acts as a clearing house for the numerous student employment opportunities on campus and also provides information on the opportunities in the surrounding area and during the summer throughout the country.
Scholarships and Financial Aid

Class of 1914 Memorial Library

Financial aid students are eligible to use the Class of 1914 Memorial Library where they may secure the loan of a good number of their textbooks at no cost. Freshmen and sophomores are given priority in the use of this Library.

Special Scholarships*

Cornelia Aldis Memorial Scholarship. Fund of $50,000 established in 1964 by the Aldis Fund Foundation. To be awarded to an American Negro for as long as the College authorities consider it desirable and appropriate to do so.

Allied Chemical Corporation Scholarship. Established in 1960 on a current gift basis by the Allied Chemical Corporation of New York. Awarded to an outstanding student interested in pursuing a career in the general fields of science or business. Emphasis is placed upon intellectual capability, breadth of interests and leadership qualities.

Edith Weston Andrews Scholarship. Fund of $30,000 established in 1956. Bequest of Karl E. Weston '96 in memory of his sister. Preferential consideration is given to students majoring in art.

Cameron Baird Scholarship. Established in 1960 by the Baird Foundation of Buffalo in memory of Cameron Baird of the Class of 1926.

James P. Baxter, 3rd Honor Scholarship. Established in 1959 as part of the “Williams Program”, this scholarship is given in honor of James P. Baxter, 3rd as a tribute to his dedicated pursuit of excellence as demonstrated during his years as college president. Awarded for the senior year to that scholarship student who has held the highest academic rank among all scholarship students during the junior year. This scholarship shall be administered by the Committee on Financial Aid in such a way that the recipient’s need to seek employment during his senior year will be substantially reduced or eliminated by this award.

Elmer H. Bobst Scholarship. Established in 1954 on a current gift basis by Mr. Elmer H. Bobst. Awarded each year to students with financial need who have “the maturity, drive, and inclination to make a contribution to the world of tomorrow, including a willingness to share their success with future generations”.

James Beebee Brinsmade Scholarship. Fund of $15,000 established in

*A list of the current recipients of scholarships is given in the back of this catalog.
Scholarships and Financial Aid

1951. Bequest of Mrs. Margery G. Brinsmade in memory of her husband, James Beebee Brinsmade, who taught physics at Williams for seventeen years and who was chairman of the department from 1930 to 1937. To assist students “interested in the science of physics.”

Joseph W. Brooks '13 Scholarship. A memorial fund created in 1957 by friends of Joseph W. Brooks '13, and presented to the College in 1964. Awarded to qualified students who are residents of New York City or vicinity with preference given to those who are members of the Boys’ Club of New York City or its alumni organization.

James Wilson Bullock Scholarship. Fund of $15,000 established in 1935 by Mrs. Margaret McCredie Bullock, in memory of her husband, James Wilson Bullock '81. To meet the tuition charge of a student resident of the County of Hamilton, Ohio, or from the state of Ohio should there be no student available from Hamilton County.

R. A. Burget Scholarship. Fund of $45,000 established in 1964 by Henry W. Haynes in memory of Richard A. Burget. Preference to be given to qualified students from Cheshire, Massachusetts. If in a given year there are no qualified applicants from Cheshire, then students from Berkshire County may be considered. If neither of the qualifications can be met, the Scholarship may be awarded to any qualified student from Massachusetts.

Lansing Chapman Scholarship. Established in 1961 on a current gift basis by the Medical Economics Foundation in memory of Lansing Chapman '10.

Chi Psi Scholarship. A scholarship offered by the Alpha Theta Educational Foundation to be awarded annually through the College to a worthy undergraduate of limited means, preference to be given to a member of the Williams Chapter of the Chi Psi Fraternity. The recipient is to be selected by the Committee on Financial Aid after consultation with the President of the Foundation.

George Alfred and Edith T. Cluett Scholarship. Friends of Mr. and Mrs. Cluett, on the occasion of their fiftieth wedding anniversary in December, 1949, contributed to establish this fund in their honor. Mr. Cluett was a member of the class of 1896 at Williams.

Cadwallader Evans, III Memorial Scholarship. The parents, classmates, and friends of Cadwallader Evans, III, class of ’38, have established a scholarship in his memory. Awarded at the beginning of junior year to a student majoring in English or art, it may be extended for a second year at the discretion of the awarding committee, which consists of the Dean of the
College and the chairmen of the English and art departments. Preference is given to a deserving student who is a member of Chi Psi fraternity.

**IRVING D. FISH '12 MEMORIAL FUND.** Established in 1953 as a memorial fund by the family and friends of Irving D. Fish '12, the income from which shall be used to assist deserving students. To be awarded to "the outstanding member of the sophomore or junior class, qualifying for financial aid, who has demonstrated by his character, ability, and general conduct, without high scholastic standing being the sole criterion, that he will become a valued member of the Williams family, as did the alumnus in whose memory the fund has been created."

**GENERAL MOTORS SCHOLARSHIP.** Established in 1955 by the General Motors Corporation. To be awarded to an incoming freshman who has attained an outstanding scholastic record and who has demonstrated leadership. Awards may range up to $2,000 a year depending upon individual need. This scholarship is renewed annually provided the recipient's record justifies such renewal.

**BURTON HALES SCHOLARSHIP.** Established in 1960 by Mrs. Burton W. Hales in memory of her husband who was a member of the class of '29.

**DAVID HARRIS MEMORIAL SCHOLARSHIP.** Established in 1963 by Judge and Mrs. Charles D. Harris in memory of their son David '63 who died while an undergraduate.

**JOHN HOUGHTON HARRIS MEMORIAL SCHOLARSHIP.** Fund of $29,031 established in 1959 by William Rees Harris '40. Awarded for the freshman year to a graduate of the Hotchkiss School, the recipient to be chosen by the proper authorities at Williams College with the recommendation of the Hotchkiss School.

**JOHN D. HASS SCHOLARSHIP.** Fund of $22,500 established in 1928 by Mrs. Charles Gilbert Milham (nee Hass) in memory of her brother, John D. Hass '11. To graduates of the public high school of Pittsfield, Massachusetts, or, failing a candidate from this school, to graduates of any other high school in Berkshire County.

**HAYSTACK MEMORIAL SCHOLARSHIP.** Established in 1956 by Williams students in observation of the sesquicentennial of the Haystack Prayer Meeting. An amount is raised each year on campus to help meet the living expenses of one or more foreign students at Williams. Tuition is remitted by arrangement with the Trustees.

**GILBERT HORRAX MEMORIAL SCHOLARSHIP.** Established in 1959 by members of the class of 1909 in memory of their Class President, Dr. Gilbert Horrax.
Scholarships and Financial Aid


Inland Steel Foundation Scholarship. Established at Williams in 1956 by the Inland Steel Company to enable an outstanding student to have an education which would otherwise be beyond his means. Special consideration is given to sons of employees of the Inland Steel Company and subsidiaries.


J. C. Kellogg Foundation Scholarship. Established in 1961 on a current gift basis by the J. C. Kellogg Foundation of New York City. This scholarship is awarded annually to a premedical student.

Charles Bridgen Lansing Scholarship in Latin and Greek. Fund of $20,000 established in 1929. Bequest of Mrs. Abby S. L. Selden in memory of her father, Charles Bridgen Lansing. Recipients to be selected by the President and the head of the classics department, either as a graduate or undergraduate scholarship.

John W. Lasell Scholarship. Fund of $20,000 established in 1951. Gift from five members of the Lasell family in memory of John W. Lasell ’20, who was killed in action in World War II. To assist deserving students from Massachusetts, with preference given first to those living in Whitinsville and second to those living in Worcester County.

Herbert H. Lehman Scholarship. Fund of $1,250,000 established in 1964 by Mrs. Herbert H. Lehman in memory of her husband who was a member of the class of 1899. To be awarded “at the undergraduate or graduate level without regard to race, creed or color and upon such basis as to merit and financial need as the Board of Trustees of Williams College shall determine in its absolute discretion.”

Mark Walton Maclay Fund. Established in 1960 through a gift of $12,000 made by the John Lindsley Fund in memory of Mark Walton Maclay ’09. To assist deserving students majoring in Geology.

Conrad Markwald Delta Upsilon Scholarship. Fund of $5,000 established in 1941. Gift of DeEtte Markwald in memory of her son Conrad, of the class of 1912. Preference given to a deserving student who is a member of the Delta Upsilon Fraternity.
LIEUT. F. KENDALL MITCHELL SCHOLARSHIP. Fund of $15,000 held by the Zeta Psi Educational Foundation. Bequest of Mrs. Elizabeth C. Mitchell in memory of her son, F. Kendall Mitchell '39, killed in action in the Pacific on December 4, 1944. The income from this fund is to be used to assist a needy student.

ALBERT P. NEWELL '05 MEMORIAL SCHOLARSHIP. Fund of $50,000 established in 1962 by the Naweem Association, Inc. in memory of Albert P. Newell '05. Awarded to qualified applicants in the following order: (1) Ogdensburg, New York, (2) St. Lawrence County, New York, (3) Northern New York, (4) other regions.

EDWARD DELANCEY PALMER, III SCHOLARSHIP. Established in 1963 by the parents and friends of Edward DeLancey Palmer, III '65 who died while in his sophomore year.

ESTATE OF ELEANOR PATTERSON. Established in 1953 on a current gift basis under the terms of the will of Eleanor Patterson. Given in memory of Robert W. Patterson of the Class of 1871.

RALPH PERKINS '09 SCHOLARSHIP. Established in 1960 by the family of Ralph Perkins '09 as a birthday gift to him.

PROCTER AND GAMBLE SCHOLARSHIP. Established at Williams in 1955 and awarded to an entering freshman. The scholarship is designed to cover tuition, fees, books, and supplies for each of four years, provided the recipient adheres to the scholarship regulations of the college.

JOHN J. RADLEY, JR. '19 MEMORIAL SCHOLARSHIP. Established in 1961 by Mrs. John J. Radley, Jr. in memory of her husband who was a member of the class of 1919.

THOMAS ROBERTS SCHOLARSHIP. Established in 1961 by The Marie Heye Clemens Fund, Inc. of New York City in memory of Thomas Roberts who was closely associated with the Clemens Fund for many years as a Trustee and as its Treasurer. Mr. Roberts also served as Trustee of the Sterling and Francine Clark Art Institute.

HARLAND K. SIMONDS SCHOLARSHIP. Fund of $10,625 established in 1948. Gift of Mr. Harland K. Simonds to assist deserving students from Fitchburg, Massachusetts, or from the Commonwealth of Massachusetts if students from Fitchburg are not available.

ALFRED P. SLOAN NATIONAL SCHOLARSHIPS. Established at Williams in 1954 to be awarded to entering freshmen. In selecting scholars for Sloan awards, Williams will seek candidates with strong academic records who, in addition, have shown "unusual industry and initiative in enterprises which
Scholarships and Financial Aid

are intrinsically worthwhile; who have the highest reputation for personal integrity in their respective communities; and who have exhibited a capacity both for assuming and discharging responsibility satisfactorily and for working harmoniously and efficiently with others.” The size of the grants will be determined by the economic need of the individual student. Ranging from a minimum “prize” award of $200 to a maximum annual grant of $2,300, these scholarships may be renewed annually to cover the entire four years at Williams, provided the recipient’s record justifies such renewal.

Francis Lynde Stetson Scholarship. Fund of $255,000 established in 1922. Under the terms of the will of Francis Lynde Stetson 1867, scholarships are awarded to qualified applicants from northern New York State in the following order: (1) Plattsburg, (2) Champlain, (3) Chazy, (4) Ausable, (5) Essex. If scholarship awards in this area do not exhaust annual income of the fund, awards may be made to applicants from the entire Northeastern area of New York State.

Beatrice H. Stone Scholarship. Established in 1962 by Jacob C. Stone ’14 in memory of his wife. To be awarded on occasion to a student whose interest and talents lie in the creative fields of the arts or music. The Committee on Financial Aid will consider candidates for this scholarship after consultation with the Chairmen of the Art and Music Departments and with the approval of the President.


Stuart J. Templeton ’10 Memorial Scholarship. Established in 1958 in memory of Stuart J. Templeton ’10 by a group of his friends.

John Cowperthwaite Tyler Memorial Scholarship. Established in 1920 by Mrs. Walter L. Tyler in memory of her son, who fell in action during World War I.

Stephen H. Tyng and Stephen H. Tyng, Jr. Foundation Scholarships. Established in 1942. Bequest of Mrs. Juliet Augusta Tyng in memory of her husband, a member of the class of 1886, and of her son, who was killed during World War I. Awarded to gifted and deserving students with a view to meeting the individual need of each recipient and freeing him from the necessity of earning part of his expenses during the College year. These grants are continued during subsequent college years, provided that financial need continues and that good conduct and high scholastic standing are maintained. Tyng scholars are eligible for further assistance at the graduate level for a maximum of three years in any field of learning at any recognized university.
Scholarships and Financial Aid

**Lieutenant David Van Alstyne, III Memorial Scholarship Fund.** Established in 1952 by the family and friends of David Van Alstyne, III '50, who was killed in an Air Force training accident in August 1952. This fund, in large part his own life insurance, has been given in memory of a young graduate who sensed the financial problems facing some of his less fortunate college contemporaries.

**Karl E. Weston Memorial Scholarship Fund.** Established in 1958 by the Robert Sterling Clark Foundation in token of the high regard which Mr. Clark had for Dr. Weston. Awarded to students of promise in art or music at the discretion of the Committee on Financial Aid with the approval of the President.

**Scholarships Given by Williams Alumni Groups**

**Buffalo Alumni Scholarship.** A scholarship donated by Buffalo alumni and awarded to a freshman resident of the Buffalo area who has been chosen by the Buffalo Alumni Association following approval by the Admissions and Financial Aid Committees of Williams College.

**Cincinnati Alumni Scholarship.** A scholarship donated by Cincinnati alumni and awarded to a resident of the Cincinnati area who has been chosen by the Cincinnati Alumni Association following approval by the financial Aid Committee of Williams College.

**Class of 1901 Scholarship in Memory of John Clarkson Jay.** A fund established in 1940 by friends and classmates in memory of John Clarkson Jay '01, the income from which is used to assist worthy students.

**Class of 1903 Scholarship.** Fund of $51,000 established in 1928 to provide a scholarship for a son of a member of the class of 1903 who is duly qualified under existing college scholarship regulations. “In any year in which no such son of a member of the class of 1903 shall qualify therefore, the net income of said fund shall be awarded at the discretion of the Scholarship Committee.”

**Class of 1910 Scholarship.** Fund of approximately $16,000 established in 1940 for scholarships to cover tuition, preferably for sons of members of the class, who conform to the scholarship requirements.

**Class of 1913 Scholarship.** A fund of more than $26,000 established in 1938 to provide scholarship aid to worthy men, preferably sons of members of the class of 1913 who need assistance and who meet the usual scholarship requirements.

**Class of 1914 Fund.** A fund in excess of $30,000 established in 1939. A portion of the income of this fund is used to meet the current tuition charge
of a qualified scholarship man, preferably a son or direct descendant of a member of the class; if there is no such candidate, another duly qualified student may be chosen. The use of the balance of the income of this fund is left to the discretion of the President of the College.

**Class of 1915 Scholarship.** Fund of $17,000 established in 1940, the income to be used in the best interests of the College, preferably in the form of scholarships for the sons of members of the class.

**Class of 1944 Memorial Scholarship.** Established in 1954 by members of the class of 1944 in memory of fourteen classmates killed in World War II, and of those classmates who have died since graduation. To assist worthy students at Williams College who qualify under existing college scholarship regulations, with preference given to sons or relatives of members of the class of 1944.

**Cleveland-Northeastern Ohio Alumni Association Scholarship.** A scholarship donated by Cleveland alumni and awarded to a freshman resident of Cleveland or the Northeast Ohio area who has been chosen by the Cleveland-Northeastern Ohio Alumni Association following approval by the Admissions and Financial Aid Committees of Williams College.

**Detroit Alumni Association Scholarship.** A scholarship donated by Detroit alumni and awarded to a freshman resident of the Detroit area who has been chosen by the Detroit Alumni Association following approval by the Admissions and Financial Aid Committees of Williams College.

**Gargoyle Alumni Scholarship.** A tuition scholarship donated annually by the Gargoyle Society to a member of the society or to any worthy student if no member is in need of assistance.

**Hartford Alumni Association.** A scholarship donated by Hartford alumni and awarded to a freshman resident of the central or northern Connecticut area who has been chosen by the Hartford Alumni Association following approval by the Admissions and Financial Aid Committees of Williams College.

**Twin Cities-Upper Midwest Alumni Association Scholarship.** A scholarship donated by alumni from the Minneapolis-St. Paul and Upper Midwest area and awarded to a freshman resident of that area who has been chosen by the Twin Cities-Upper Midwest Alumni Association following approval by the Admissions and Financial Aid Committees of Williams College.

**Westchester Alumni Association Scholarship.** A scholarship donated by Westchester County alumni and awarded to one or more freshman residents of that county who have been chosen by the Westchester Alumni
Scholarships and Financial Aid

Association following approval by the Admissions and Financial Aid Committees of Williams College.

George J. Mead Fund

In 1951 Williams College received a substantial gift from the Estate of George J. Mead. Mr. Mead expressed in his will an intention “that this gift shall be used to improve the quality of leadership and service in all branches of government, whether Federal, State or municipal, by encouraging young men of reliability, good sense and high purpose to enter with adequate preparation those fields of politics and constitutional government upon which must rest the future of this nation.”

A portion of this gift constitutes a Revolving Fund that directly assists promising students with inadequate means who are pursuing courses in political science, history, or economics. The remaining portion, or Special Fund, is intended “to stimulate all students at Williams College in the fields of Government, history and economics in their best possible efforts through suitable prizes, talks by authorities in their chosen field, and in such other ways as the committee may deem best calculated to accomplish that purpose.”

To date the Mead Special Fund has sponsored student trips to Washington, during which selected seniors conduct a careful examination of a certain aspect of government policy or operation. In addition the Mead Fund Committee has utilized the Special Fund to finance campus visits by persons prominent in government, State or municipal work. These visits have taken the form of public lectures as well as seminar or conference meetings with students majoring in the fields of political science, history, or economics.

A summer intern program in government involving selected juniors is the most extensive undertaking of the Mead Fund.

Fellowships and Prizes for Graduate Study

The Faculty Committee on Prizes and Graduate Fellowships examines candidates from the senior class for the graduate awards listed below. Application must be made at the Office of Financial Aid not later than February 15. Announcement of awards will be made early in March.

Horace F. Clark Prize Fellowships. Fund of $22,000 established in 1894 under the provisions of the will of Madame Marie Louise Souberbeille in memory of her father, Williams 1833. The annual income to be used for two awards to members of the senior class chosen on the basis of superior scholarship, general ability, and interest in scholarly research.
FRANCIS SESSIONS HUTCHINS '00, MEMORIAL FELLOWSHIP. Fund of $10,000 established in 1931 by friends of Mr. Francis Sessions Hutchins. To assist students in continuing and completing their college course and in obtaining a start in business or professions in the early years following their graduation, the selection to be made by the President. "To be exercised so far as possible in favor of men, situated as Hutchins himself was when in college... but giving promise... of becoming, as he did, a useful, worthy, and lovable citizen."

HUBBARD HUTCHINSON MEMORIAL FELLOWSHIP. Fund of $115,000 established in 1940 by Mrs. Eva W. Hutchinson in memory of her son, Williams '17. Awarded to a member of the graduating class sufficiently talented in creative work in music, writing, or painting. In the absence of a qualified candidate in these areas, an award can be made to a student of talent in philosophy or the sciences. The purpose of the award is to assist him in continuing the work in his special field of interest for a period of two years following his graduation.

CHARLES BRIDGEN LANSING FELLOWSHIP IN LATIN AND GREEK. Fund of $20,000 established in 1929. Bequest of Mrs. Abby S. L. Selden in memory of her father, Charles Bridgen Lansing. Recipients to be selected by the President and the head of the classics department, either as a graduate or under-graduate scholarship.

JOHN EDMUND MOODY FELLOWSHIP. Fund of $40,000 established in 1927 by Mr. John Moody in memory of his son, Williams '21. To enable a graduate of Williams College to pursue his studies at Oxford University for the two years following his graduation. The recipient is chosen from those who have majored in Greek, Latin, English, history, political science, philosophy, religion, or economics. The basis of award is general intellectual ability as shown in the major field of study, with special reference to character, need of assistance, and promise of original and creative work.

STEPHEN H. TYNG AND STEPHEN H. TYNG, JR. FOUNDATION FELLOWSHIPS. Holders of Tyng Scholarships in their undergraduate years are eligible to compete for Tyng Fellowships for one, two, or three years of graduate study in any field of learning at any recognized university.

CARROLL A. WILSON FELLOWSHIP FUND IN MEMORY OF JOHN E. WILSON '44. Fund of $20,000 established in 1949 by the will of Carroll A. Wilson '07 in memory of his son, who was killed in the World War II crossing of the Rhine, March 28, 1945. The income to be devoted to scholarships for attendance at the University of Oxford, Oxford, England, for members of the senior class chosen "after the manner of Rhodes Scholarships, with special attention to leadership, scholastic attainment, and physical vigor."
Williams College offers a course of study leading to the degree of Bachelor of Arts. The curriculum requires that a student explore several fields of knowledge and concentrate in one. A wide range of choice among subjects for both exploration and concentration is provided. Within the field of concentration, the student has ample room to satisfy his individual interests.

Freshmen and sophomores are required to distribute their choice of courses among these general areas: (1) language, literature, and the arts; (2) social studies; and (3) science and mathematics. Within each of these areas they may choose from among several courses.

Juniors and seniors are required to concentrate part of their work in a major subject within which there is some freedom of election. Outside of the major field they are permitted complete freedom of choice. Students having well-formulated educational objectives are encouraged to select their major field provisionally at the beginning of sophomore year (page 46). Especially qualified students are encouraged to develop their own initiative and interests in a program leading to the honors degree.

OPPORTUNITIES FOR SUPERIOR STUDENTS

In order to encourage students of superior ability and attainment to undertake challenging individual academic programs, the College relaxes many of its ordinary requirements.

FRESHMAN YEAR. In selecting their programs at the College, freshmen are encouraged to take full advantage of whatever special preparation they have had. Williams subscribes to the purposes of the Advanced Placement Program. Freshmen who have performed satisfactorily in college-level secondary school courses and on the advanced placement examinations, may be permitted to enter advanced courses not ordinarily open to freshmen. Such students are thereby enabled to enrich their Williams education. Furthermore, they may, with the consent of the Dean, be permitted to register for extra courses, and to accumulate credit from approved summer school courses, thereby attaining the B.A. degree in fewer than the normal four years.
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Sophomore Year: Especially able sophomores may register during the second term of sophomore year in honors courses ordinarily open only to juniors and seniors.

Sophomores of high achievement may also be given permission to register in upper class courses. This applies particularly to students who have taken advanced courses as freshmen. Eligibility is judged on an individual basis, and permission is obtained from the appropriate department at the time of registration.

Junior and Senior Years: A central feature of the Williams curriculum is the honors program (page 50) which provides an opportunity for students of superior initiative and ability to exercise originality and responsibility as scholars.

Another opportunity for advanced work available to students enrolled in the honors program is known as independent study. When a particularly able honors candidate wishes to pursue the study of a subject not covered by the normal course offering of the College, arrangements may be made for him to undertake a semester, or more, of independent study with a specially assigned member of the faculty. Arrangements for independent study are made with the appropriate department at the time of registration.

Opportunities in the Creative Arts

Williams College recognizes the varied needs of both the disciplines which form part of the college’s curriculum and of the students enrolled within its programs. Certain disciplines, especially those concerned with the creative arts, can benefit from an increased use of independent projects for its students, even for those who may not be honors students in the college-at-large. These projects normally do not form a part of the usual classroom program within that discipline. In addition, these independent projects realize more fruitfully the potential of the individual talent of the student and will guide the student in the growth of that talent and interest. All of these things the college desires to foster. It is generally conceded that an exclusively classroom oriented approach to the arts is unsatisfactory; it must be fortified by practical experience within that discipline.

The architect and humanitarian, Walter Gropius, in his Convocation Address at Williams College on September 22, 1963 stated:

This unintegrated society of ours needs participation in the arts as an essential counterpart to technology... for art develops
intuition... In our era of expediency and mechanization, the predominant educational aim ought to be to call forth creative habits; vocational skill should be a by-product only, a matter of course. The student’s mind... will become increasingly inventive when he is guided not only by intellectual studies but also by practical experiments in forming, building, constructing things to come, a program of ‘search’ rather than ‘re-search’.

Qualified students at Williams are encouraged to make use of special electives in the creative arts in addition to the normal courses and extracurricular activities within these fields. These special electives in the creative arts, listed with the course announcements under Art, Drama, English (Creative Writing), and Music, have been formulated by the various departments and disciplines for those who demonstrated talents and interests which the college hopes the individual student will wish to develop. Students should confer with the appropriate faculty member before registering for these courses.

Attention is directed to the Hubbard Hutchinson Memorial Fellowship for graduate study described on page 40.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

Required Number of Courses

Twenty year courses, or the equivalent in semester courses, are required for the degree. The senior major course counts as two one-year courses.

Residence Requirement

A minimum of two years of residence is required for the degree.

Foreign Language Requirement

All Williams students are required to fulfill a minimum language requirement in one of two ways: (1) by achieving a satisfactory score on the College Entrance Examination Board Language Achievement Test, or (2) by passing
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a 103-104 course in Greek, Latin, German, Russian, French, Italian, Spanish, or the 105-106 course in Spanish at Williams.

Distribution Requirement

Two one-year courses, or their equivalent in semester courses, must be completed in each of the following three divisions by the end of the sophomore year:

**Division I. Languages and the Arts**

Art
Comparative Literature
Drama
English
French

German
Greek
Italian
Latin
Music

Public Speaking
Russian
Spanish

**Division II. Social Studies**

Anthropology
Classical Civilization
Economics

History
Philosophy
Political Science

Psychology
Religion

**Division III. Science and Mathematics**

Astronomy
Biology

Chemistry
Geology

Mathematics
Physics

Ordinarily a freshman elects at least one course from each of the three divisions.

The Major

Juniors are required to choose a major field of concentration. The selection is normally made at the time of registration in the spring of the sophomore year. But qualified students may request permission to register provisionally in a major at the end of their freshman year.

General Structure

The program of the major normally consists of:

(1) Three or four one-year courses* in the major subject, taken in a prescribed sequence and culminating in the double-credit senior course. These are known as sequence courses.

*Two one-semester courses are considered to be the equivalent of a one-year course.
(2) One or two additional one-year courses. One or both of these courses may be specifically prescribed by the major department. Most departments permit some choice among alternatives, including, in appropriate cases, courses in subjects related to the major. Since these additional courses are taken along with the sequence courses they are called parallel courses.

The courses required by many departmental major programs require prerequisite courses in related departments. A description of the detailed structure of each major precedes the list of courses in each department under “Courses of Instruction”.

**Major Fields**

Majors are offered in the following fields:

- American Civilization
- Art
- Biology
- Chemistry
- Classics
- Greek
- Latin
- Economics
- English
- Geology
- German
- History
- Mathematics
- Music
- Philosophy
- Physics
- **Political Economy**
- Political Science
- Psychology
- Religion
- **Romanic Languages**
- French
- Spanish
- Russian

**Senior Major Course**

A central feature of the major at Williams is the double-credit course taken in senior year. This course differs in two respects from other courses in the College. Since it is taken only by majors, the students share a common body of knowledge derived from their earlier sequence courses; and since it counts as two courses, it provides opportunity for coordinating earlier work and for writing papers which correlate various aspects of what they have learned.

**Major Examination**

The student’s overall understanding of his major subject is tested by a comprehensive examination on the major, taken at the end of his senior year. The double-credit senior course, providing special opportunities for correla-

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*Offered by the Department of History.

**Offered jointly by the Departments of Economics and Political Science.
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tion and review, and the major examination thus work together to insure that the Williams graduate has not merely received passing grades in a number of separate courses, but has organized and assimilated what he has learned.

Provisional Registration in Departmental Major in Sophomore Year

Early concentration in a major field of interest is open to students having well-formulated educational objectives. Students may request permission at the end of their freshman year to register provisionally as majors with departments of their choice. This permission carries the privilege of registering for as much as four semesters of course work in the same department during sophomore year. Permission for provisional registration is obtained from the chairman of the appropriate department at the time of registration for sophomore year.

The Junior Year Abroad

Qualified students may apply for any one of several arrangements for spending the junior year abroad. A student may study in Europe, Africa, Asia or Latin America under programs arranged with his adviser and approval of the chairman of his major department and of the Dean and the Academic Standing Committee. A student who wishes to avail himself of this opportunity must have a good academic record and competence in the language of the country in which he plans to study. In general two years of study of the language at the college level are necessary to provide adequate preparation.

Corrective Composition

It should be noted that Williams does not require a year’s course in English Composition, since most entering freshmen have received training in the fundamentals of mechanics (spelling, punctuation, grammar, and sentence structure) before coming to college. If any freshman shows that he needs further drill, he is assigned to Corrective Composition, a program of non-credit remedial work in which the student meets once a week with a member of the English department and concentrates on his special deficiencies. Most courses involve a good deal of formal writing, and close check is kept on the development of the student’s powers of expression. Furthermore, any student who demonstrates the need for this instruction may be assigned to Corrective Composition at any time during his college career by any member of the faculty.
IN MEMORY OF MARK AND ALBERT HOPKINS

CLIMB HIGH
CLIMB FAR
YOUR GOAL
THE SKY
YOUR AIM
THE STAR
Physical Education

All freshmen and sophomores are required to participate in the Physical Education Program unless excused by the Dean or the College Physician. This program consists of three one-hour periods a week or their equivalent throughout the college year or, for those of superior athletic ability, participation in one of the several intercollegiate athletic teams in season. In these classes instruction is given in a variety of activities.

In the fall, students may elect track, physical fitness, Outing Club activities, tennis, or golf. During the winter season, classes for freshmen are held in physical fitness and instruction is given in squash, skiing, swimming, basketball, ice skating, badminton, judo, and volleyball. Sophomores are not required to take part in all these activities but may choose one or more for the season. In the spring, students may elect rugby, tennis, golf, or Outing Club activities.

Sophomores who are competing for the managership of a varsity team are not required to attend these classes.

COMBINED PROGRAMS IN LIBERAL ARTS AT WILLIAMS COLLEGE AND ENGINEERING OR ARCHITECTURE AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

In order to facilitate the combination of a liberal arts college program with education in engineering, Williams College offers qualified students the opportunity to earn its degree of Bachelor of Arts after six semesters at Williams followed by the successful completion of a program leading to the Bachelor of Science degree in some field of engineering at the Massachusetts Institute of Technology. With careful planning, the professional program can usually be completed in four semesters. A member of the Williams College Faculty assists the student in selecting subjects which will make the completion of this combined program possible.

For students who, in preparation for engineering, are majoring in mathematics, physics, or chemistry at Williams and who enter an engineering field at Massachusetts Institute of Technology at the end of six semesters, the major requirements for the Williams degree are modified by waiving the senior course and the major examination. Admission to M.I.T. is not automatic; the student applies to the Institute under the regular college transfer application procedures.

Only students who have taken the required courses and have an average...
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of at least as high as B in scientific subjects and a good record in other subjects will be considered for recommendation for the Williams College degree after completing their degree work at M.I.T. In addition, in order to secure a recommendation, the student must show evidence of high character and complete dependability in all matters.

Candidates for admission to Williams who are considering this plan should present for entrance credit chemistry, physics, and four units of mathematics, including trigonometry. Inquiries should be addressed to the Director of Admissions at Williams College.

The same plan is open to prospective architects on a basis of three years at Williams College and three years at Massachusetts Institute of Technology. As this program concentrates heavily on the engineering phases of architecture, an interested student should make certain that his course of study satisfies the requirements for architects.

HONORS PROGRAM

The junior and senior years offer the opportunity for students of superior initiative and ability to qualify for a degree with honors. Each department has adapted its honors program to its own intellectual discipline, allowing the student to participate in special honors courses, to write an honors thesis, or both. (See “Courses of Instruction” for descriptions of the honors programs of individual departments.) A candidate for the degree with honors is free to elect honors courses in other departments as well as in the department of his major.

By emphasizing self-education, the honors program provides superior students with unusual opportunities for exercising originality and developing resourcefulness. The student who writes a thesis investigates his subject and formulates his thesis problem under the guidance of a member of the faculty, but accepts a high degree of responsibility in preparing the thesis. The honors courses are designed to encourage initiative and intellectual self-discipline by devoting certain class meetings to discussion of reports written, presented, and defended by the students. Moreover, the honors student, with the consent of his major department, may substitute for any course independent study of a more mature and advanced character than that found in the regular course.

Eligibility for the Honors Program

During the last two semesters in which he has taken courses in the major, the candidate for honors must have achieved an average grade of B (8.0) or
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higher in all such major courses. In addition, during the two semesters immediately preceding admission, he must achieve a total in all courses of at least six grades of B minus (7.0) or higher. The consent of the department concerned must be obtained in all cases. Subject to these requirements and to opportunity for Preliminary Sophomore Honors (see below), each department, with the approval of the Honors Committee, may determine at its discretion the time of admission to the honors program of each applicant. Qualified candidates for admission to honors may be permitted with the approval of the department, to register for less than the full complement of honors work, although they will not thereby receive the honors degree. Students whose grades do not conform to honors standards may enroll only with the written recommendation of the department and the consent of the Committee on the Honors Degree. Enrollment in honors courses is arranged when the student registers with the department in which he is majoring.

Students admitted to the honors program are required, as a condition for remaining in the program, to maintain average grades each semester of B (8.0) or higher in honors courses and sequence courses, with no grade below B minus (7.0) in any such course.* Continuation from the junior year of honors to the senior year requires departmental approval in addition to the grade requirements.

Admission of Sophomores to Honors Courses

Any student who attains six grades of B (8.0) or higher during his freshman year, including two in the prerequisite to any major, may apply for admission to an honors course as a second semester elective in his sophomore year. Admission will be contingent upon his achieving three grades of B minus (7.0) or higher during the first semester of his sophomore year, including a grade of B (8.0) in the prerequisite of his prospective major.

Examinations in the Honors Program

Each honors course requires either a final examination or its equivalent in a term paper or a series of oral reports. Each honors candidate takes the regular major examination given by the department in which he is majoring. Students who elect a program of honors courses are required, at the end of the senior year, to write a terminal honors examination of at least three hours in length or to take an equivalent oral examination of at least one hour's length.

*These grade requirements do not apply, however, to "outside" honors courses or independent study, freely elected by the student, which are not offered within the departmental honors program.
hour in length. This examination, not necessarily restricted to the content of the honors courses, will provide the student with the opportunity for a culminating demonstration of superior ability in his field. Students writing an honors thesis are not required to take a written terminal honors examination, but each department at its discretion may require such students to take an oral examination, not to exceed one hour in length, on the thesis. The honors thesis must be in the hands of the department in which the student is majoring, in a form acceptable by the department for grading, not later than one week preceding the beginning of the final examination period.

Requirements for the Degree with Honors or Highest Honors

To be considered for the degree with honors, the candidate must meet these requirements:

1. An average of at least B (8.0) for all honors courses (including thesis and independent study courses) and required junior and senior sequence courses;*

2. An average of at least B minus (7.0) for all sophomore, junior, and senior courses, taken together;

3. A grade of B minus or higher for the major examination; and,

4. A grade of B minus or higher for the honors examination or the thesis.

A candidate qualifies for the degree with highest honors if, in addition to meeting the four requirements above, he attains a major grade of A minus (10.0) or higher.

A candidate who fails to meet any of these four requirements or who resigns from the honors program is immediately transferred to candidacy for the regular degree and is subject to its requirements. He is entitled, however, to substitute two semester courses in honors for two parallel semester courses.

REGISTRATION FOR THE FRESHMAN YEAR

A freshman registration form and a copy of the freshman registration bulletin are sent to each successful applicant for admission by the Dean of Freshmen after the applicant has notified the Director of Admissions of his intention to enter the College. The registration form is completed by the student in consultation with his school guidance officer and returned to the

*Grades in “outside” honors courses are again excluded. See the preceding footnote.
Dean of Freshmen. On arrival at the College the student will have an opportunity to check his registration with his faculty adviser.

Each freshman must elect in addition to physical education five one-year courses from the courses regularly open to freshmen, which are designated by numbers in the 100 series, and those upper-level courses open to freshmen especially interested in that field.

The divisional requirement must be considered (page 44). Each freshman is required to elect at least one course from each of the three divisions.

The foreign language requirement must be considered (page 43). Each freshman who has not fulfilled the foreign language requirement on entrance should plan to fulfill the requirement as suggested by the Dean of Freshmen, who will take into consideration the extent of the student’s foreign language preparation and his examination score on the College Entrance Examination Board Language Achievement Tests which he has taken.

Qualifications for the major fields of concentration should be considered. Students must select a major subject by the junior year. To be eligible to major in a given subject a student must have studied at least one two-semester course in the subject. It is frequently better if he has studied two two-semester courses. Furthermore, the sequence of courses required by each major field requires at least three years to complete. (Requirements of specific majors are given in the “Courses of Instruction”.) Accordingly, a freshman should elect as many courses as possible which will serve as prerequisites in subjects in which he may possibly wish to major. Even if a student has definite educational plans, alternate majors should be provided for in case his college experience results in a change of plans.

Preparation for graduate and professional study should be considered. Students considering graduate study for careers in architecture, business administration, college or university teaching or research, dentistry, engineering, government service, law, medicine, secondary school teaching, theology, or other professions, should consult with the special faculty adviser in the field of his interest.

Freshmen enrolling in the Massachusetts Institute of Technology—Williams Combined Plan of liberal arts and engineering (page 49) should elect Chemistry 101-102 or 103-104, Physics 103-104, and Mathematics 101, 102.

Most graduate schools and many technical schools require a reading knowledge of either French or German, or both. Graduate study for the degree of Doctor of Philosophy generally requires a reading knowledge of both French and German. Graduate study in English literature often requires in addition a reading knowledge of Latin. Russian may sometimes replace French in graduate study in the physical sciences.
REGISTRATION FOR THE SOPHOMORE YEAR

(1) Registration for the sophomore year takes place in the spring of the freshman year, in consultation with the student’s faculty adviser and the various advisers in special fields.

(2) Sophomores must elect in addition to physical education five one-year courses. When appropriate, two one-semester courses may replace a one-year course. Courses regularly open to sophomores are designated by numbers in the 100 and 200 series.

(3) Sophomores may register provisionally in a departmental major (page 46). Sophomores having well-formulated educational objectives are encouraged to select their major field provisionally. Permission must be obtained from the chairman of the appropriate department during the registration period. Those sophomores who have been granted permission to concentrate in a major field may elect as many as four semesters of course work in a given department.

(4) The divisional requirement must be considered (page 44). Sophomores are required to take at least one additional course in each of the three divisions in which they have not already taken two.

(5) The foreign language requirement for graduation must be satisfied before the beginning of the junior year. Consult the statement regarding this requirement (page 43).

(6) The requirements of the departmental majors must be considered. Sophomores should elect as many courses which lead to majors as possible. Students should consult “Courses of Instruction” for the requirements of the majors in which they are interested. Particular attention should be paid to the prerequisites for the major, and the required prerequisites in departments other than the major department. Departmental chairmen should be consulted by students in making their plans.

(7) Possible registration in honors courses. Especially able sophomores may register during the second term of the sophomore year in honors courses ordinarily open only to juniors and seniors. The standards for eligibility and the registration procedure are described (page 51).

(8) The requirements of graduate and professional schools should be considered. Students considering graduate study for careers in architecture, business administration, college or university teaching or research, dentistry, engineering, government service, law, medicine, secondary school teaching, theology, or other professions, should consult with the appropriate departmental chairman and special faculty adviser in the field of his interest.
All sophomores who are M.I.T.-Williams Combined Plan candidates must consult with the faculty adviser for the Combined Plan before they register.

Attention is called to the foreign language requirements of graduate study described under freshman registration (page 53).

COURSES OPEN TO SPECIALLY QUALIFIED SOPHOMORES

(1) Qualified sophomores may elect honors courses (page 51).

(2) Sophomores who have taken sophomore courses as freshmen may register in junior courses for which they have the necessary prerequisites. Permission may be obtained from the appropriate departmental chairmen.

REGISTRATION FOR THE JUNIOR YEAR

(1) Selection of courses for the junior year is under the direct supervision of the chairman of the department in which the student chooses to major, and students register in the spring of their sophomore year with the chairman or other registration officer of the appropriate department.

(2) Juniors register for five one-year courses, or the equivalent in semester courses. Courses open to juniors are designated with numbers in the 100, 200, and 300 series.

(3) Juniors must decide on a major field of study. Possible majors are listed on page 45, and the specific requirements for each major are given under “Courses of Instruction”.

(4) Registration for the Honors Program. Students should consult pages 50-52 for the requirements and details of the honors program. Entrance into the honors program is arranged when the student registers with the department of his major.

(5) Requirements for graduate and professional study should be considered. Students considering graduate study for careers in architecture, business administration, college or university teaching or research, dentistry, engineering, government service, law, medicine, secondary school teaching, theology, or other professions, should consult with the appropriate departmental chairman and special faculty adviser in the field of his interest.

Attention is called to the foreign language requirements of graduate study described under freshman registration (page 53).
REGISTRATION FOR THE SENIOR YEAR

(1) Selection of courses for the senior year is under the direct supervision of the chairman of the department in which the student is majoring. Students register in the spring of their junior year with the chairman or other registration officer of the appropriate department.

(2) Seniors must elect the required senior course in their major (which is given double-credit) and three other courses.

(3) Requirements for graduate and professional study should be considered. Students considering graduate study for careers in architecture, business administration, college or university teaching or research, dentistry, engineering, government service, law, medicine, secondary school teaching, theology, or other professions, should consult with the appropriate departmental chairman and special faculty adviser in the field of his interest.
COURSING OF INSTRUCTION 1965-1966

Course Numbering System

Courses in the 100 series are open regularly to qualified members of all classes.

Courses in the 200 series are open regularly only to qualified sophomores, juniors, and seniors.

Courses in the 300 series are open regularly only to qualified juniors and seniors.

Courses in the 400 series are open regularly only to qualified seniors and graduate students.

Courses in the 500 series are open regularly only to graduate students.

Within a given series, numbers do not indicate the relative level of courses.

H before a number indicates a course in the honors program.

Courses designated by a single number are semester courses.

Odd numbers designate courses offered during the first semester. Even numbers designate courses offered during the second semester.

Year courses are designated by an odd number and an even number joined by a hyphen; the work of the two semesters constitutes an integral, indivisible course.

Order of Course Election

The order in which courses may be elected is determined by the prerequisites stated under the course description. The classes to which courses are regularly open are indicated by the course number. Exceptions to the order indicated may be made for students of high scholastic ability on petition to the Academic Standing Committee.

Sequence Courses

This term, found in the description of major programs, refers to the courses taken in a sequence prescribed by the major and culminating in the double-credit senior course. Three or four one-year sequence courses are prescribed by each major program.
Courses of Instruction

Parallel Courses

This term, found in the description of major programs, refers to the courses prescribed by the major program in addition to the sequence courses. One or two one-year parallel courses are prescribed by each major program. A choice among possible alternatives is offered in many major programs.

Any course in which registration is deemed insufficient may be withdrawn at the beginning of either semester without previous notice.

Courses enclosed in brackets will not be offered in 1965-66.

Scheduling of Class Hours

Except as otherwise noted, courses meet either three times each week in fifty-minute periods or twice a week in seventy-five-minute periods as follow:

<table>
<thead>
<tr>
<th>Fifty-minute periods</th>
<th>Seventy-five-minute periods</th>
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</thead>
<tbody>
<tr>
<td>A 8:00 a.m. TThS</td>
<td>AB 8:30 a.m. TThS (2 of 3)</td>
</tr>
<tr>
<td>B 9:00 a.m. &quot;</td>
<td>DE 11:00 a.m. &quot;</td>
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<tr>
<td>C 10:00 a.m. &quot;</td>
<td>FF 1:00 p.m. W</td>
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<td>D 11:00 a.m. &quot;</td>
<td>FR 1:00 p.m. TF</td>
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<tr>
<td>F 1:30 p.m. MWF</td>
<td>GG 2:30 p.m. W</td>
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<tr>
<td>G 2:30 p.m. &quot;</td>
<td>GS 2:30 p.m. TF</td>
</tr>
<tr>
<td>J 8:00 a.m. MWF</td>
<td>JK 8:30 a.m. MWF (2 of 3)</td>
</tr>
<tr>
<td>K 9:00 a.m. &quot;</td>
<td>MN 11:00 a.m. &quot;</td>
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<tr>
<td>L 10:00 a.m. &quot;</td>
<td>PF 1:00 p.m. MTh</td>
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<tr>
<td>M 11:00 a.m. &quot;</td>
<td>QG 2:30 p.m. &quot;</td>
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<td>P 1:30 p.m. Th</td>
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<td>Q 2:30 p.m. Th</td>
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<td>R 1:30 p.m. T</td>
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<tr>
<td>S 2:30 p.m. T</td>
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</tbody>
</table>
AMERICAN CIVILIZATION (Div. II)

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

History 201-202  The Development of American Democracy, 1763-1960 or
Groups or
History 315, 316  American Social Thought and Action, 1750-Present
English 207, 208  American Literature
American Civilization 401-402  America as a Civilization

Parallel courses

Four semesters from the courses listed below, at least one from each of the three
groups:

A.  History *315  American Social Thought and Action, 1750-1876
    History *316  American Social Thought and Action, 1876-Present
    History 317  American Character and Culture
    History 318  The Origins of American Society
    History 326  The Negro in America
    History 333  The Diplomacy of the United States as a Lesser Power, 1775-1880
    History 334  The Diplomacy of the United States as a World Power
    *For students not offering these courses as sequence courses.

B.  Art 307  American Art
    Art 308  Modern Architecture
    Music 204  American Music
    Philosophy 206  American Philosophy

C.  Economics 211  Urban and Regional Economics
    Economics 215  Economic Development of the United States
    Political Science 305  American State and Local Politics
    Political Science 312  Recent American Constitutional Problems
    Political Science 315  American Parties and Politics
    Political Science 316  Presidential Leadership and the Legislative Process
    Religion 314  Church and State

The major aims to give students an understanding of American life, past and present. Through required courses in American Civilization, and through electives in art, music, philosophy, economics, political science, religion, and history, students are given an opportunity to study American civilization and to make all possible comparisons with other cultures. It is the function of the final sequence course to tie together various aspects of American life and thought.
THE DEGREE WITH HONORS IN AMERICAN CIVILIZATION

In the first term of their junior year, all honors candidates take an honors course (H351) which covers specific subject matter and also provides training in the methods of handling materials, framing valid judgments, and preparing papers. Upon completion of this course, honors students elect one of the three following programs leading to the degree with honors.

(1) **TWO-YEAR PROGRAM WITH THREE SEMESTERS OF THESIS COURSES**

*Junior year, first semester*
- English 207 American Literature
- Any one of the following:
  - History 315 American Social Thought and Action, 1750-1876
  - History 317 American Character and Culture
  - History 333 The Diplomacy of the United States as a Lesser Power, 1775-1880
- American Civilization H351 War and American Society

*Junior year, second semester*
- English 208 American Literature
- Any one of the following:
  - History 316 American Social Thought and Action, 1876-Present
  - History 318 The Origins of American Society
  - History 326 The Negro in America
  - History 334 The Diplomacy of the United States as a World Power
- American Civilization H352 Junior Honors Thesis

*Senior year, first semester*
- American Civilization 401 America as a Civilization
- American Civilization H451 Senior Honors Thesis

(2) **TWO-YEAR PROGRAM OF HONORS COURSES AND THESIS**

*Junior year, first semester*
- English 207 American Literature
- Any one of the following:
  - History 315 American Social Thought and Action, 1750-1876
  - History 317 American Character and Culture
  - History 333 The Diplomacy of the United States as a Lesser Power, 1775-1880
- American Civilization H351 War and American Society

*Junior year, second semester*
- English 208 American Literature
- Any one of the following:
American Civilization

History 316  American Social Thought and Action, 1876-Present
History 318  The Origins of American Society
History 326  The Negro in America
History 334  The Diplomacy of the United States as a World Power
Any one of the History or American Civilization honors courses

Senior year, first semester
American Civilization 401  America as a Civilization
American Civilization H451  Senior Honors Thesis

Senior year, second semester
American Civilization 402  America as a Civilization
American Civilization H452  Senior Honors Thesis

(3) Two-year program of honors courses

Junior year, first semester
English 207  American Literature
Any one of the following:
History 315  American Social Thought and Action, 1750-1876
History 317  American Character and Culture
History 333  The Diplomacy of the United States as a Lesser Power, 1775-1880
American Civilization H351  War and American Society

Junior year, second semester
English 208  American Literature
Any one of the following:
History 316  American Social Thought and Action, 1876-Present
History 318  The Origins of American Society
History 326  The Negro in America
History 334  The Diplomacy of the United States as a World Power
Any one of the history or American Civilization honors courses

Senior year, first semester
American Civilization 401  America as a Civilization
Any one of the History or American Civilization honors courses

Senior year, second semester
American Civilization 402  America as a Civilization
Any one of the History or American Civilization honors courses

NOTE: Since all the students beginning honors work in American Civilization take the same honors course (H351) in the first term of their junior year, a decision by any student concerning the election of any one of these three programs leading to the degree with honors may be regarded as tentative until the completion of the course, H351.

Honors candidates following program (1) and those in program (3) in their senior year, may take any of the department’s honors courses as one of their regular course electives.
American Civilization

History 201-202  The Development of American Democracy, 1763-1960
Sophomore course. Prerequisite, History 101-102 or 103-104.
Hours AB, GS, JK, QG  Bastert, Zilversmit, Frost, Holl

Sophomore course. Prerequisite, History 101-102 or 103-104.
Hours FR, PF  Rudolph, Bastert, Labaree

History 315  American Social Thought and Action, 1750-1876
Junior course. Prerequisite, History 201-202 or 203-204.
Hour C  Scott

History 316  American Social Thought and Action, 1876-Present
Junior course. Prerequisite, History 201-202 or 203-204.
Hour C  Scott

English 207, 208  American Literature
Sophomore course. Prerequisite, English 101.
Hours AB, DE, GS, JK, MN, PF, QG  Occasional lectures G Wed. or F Fri.
Mansfield, MacShane, Samuels, Holder, Baumgarten, Glasser

[History 317  American Character and Culture (Not offered 1965-66; to be offered 1966-67.)
Junior course. Prerequisite, History 201-202 or 203-204.
Hours DE, MN  Rudolph]

[History 318  The Origins of American Society (Not offered 1965-66; to be offered 1966-67.)
Junior course. Prerequisite, History 201-202 or 203-204.
Hour MN  Zilversmit]

History 326  The Negro in America (Offered 1965-66; not to be offered 1966-67.)
Junior course. Prerequisites, History 201-202 or 203-204.
Hours AB, JK  Rudolph, Zilversmit

History 333  The Diplomacy of the United States as a Lesser Power, 1775-1880 (Offered 1965-66; not to be offered 1966-67.)
Junior course. Prerequisites, History 201-202 (203-204) or Political Science 101-102 (103-104).
Hour DE  Bastert
History 334 (formerly 304) The Diplomacy of the United States as a World Power
Junior course. Prerequisites, History 201-202 (203-204) or Political Science 101-102 (103-104).
Hour L

Art 307 American Art
Junior course. Open to majors in American Civilization without prerequisite.
Hour L

Art 308 Modern Architecture
Junior course. Prerequisite, Art 201-202 or Art 307 or Art 201 provided Art 202 is taken concurrently.
Hour L

Music 204 American Music
Sophomore course. Open to majors in American Civilization without prerequisite.
Hour DE

Philosophy 206 (formerly 308) American Philosophy
Sophomore course. Prerequisite, Philosophy 101-102 (104).
Hour AB

Philosophy 206 (formerly 308) American Philosophy
Sophomore course. Prerequisite, Philosophy 101-102 (104).
Hour AB

[ Economics 211 (formerly 309) Urban and Regional Economics (Not offered 1965-66.)
Sophomore course. Prerequisite, Economics 101-102 or 103-104.
Hour ]

Economics 215 (formerly 312) Economic Development of the United States
Sophomore course. Prerequisite, Economics 101-102 or 103-104.
Hour JK

[ Political Science 305 American State and Local Politics (Not offered 1965-66; to be offered 1966-67.)
Junior course. Prerequisite, Political Science 101-102 (103-104).
Hour QG ]

Political Science 312 Recent American Constitutional Problems (Offered 1965-66; not to be offered 1966-67.)
Junior course. Prerequisite, Political Science 101-102 (103-104).
Hour AB

C. Brown
American Civilization

[Political Science 315  American Parties and Politics (Not offered 1965-66; to be offered 1966-67.)
  Junior course.  Prerequisite, Political Science 101-102 (103-104).
  Hour AB  Burns]

[Political Science 316  Presidential Leadership and the Legislative Process (Not offered 1965-66; to be offered 1966-67.)
  Junior course.  Prerequisite, Political Science 101-102 (103-104).
  Hour PF  Brown]

Religion 314  Church and State
  Junior course.  Prerequisite, History 201-202 (203-204) or Political Science 101-102 (103-104) or permission of the instructor.
  Hour FR  Eusden

American Civilization 401-402  America as a Civilization
  A study of the genesis and development of the controlling myths and values in twentieth century American life, with special attention to the interrelationships among politics, race, business, agriculture, religion, and literature. Tocqueville, Jefferson, Lincoln, Henry Adams, William Faulkner, James Baldwin, and selected contemporaneous essays, novels, plays, and treatises which reveal changes in the national culture through successive historical periods up to the present.
  Senior course.  Required course in the major. Prerequisites, History 201-202 (203-204) and English 207, 208.
  Hours JK, PF  Mansfield, Rudolph

HONORS COURSES

American Civilization H351  War and American Society
  The impact of war on American society as revealed in historical documents, the writings of prominent historians, and works of literature. Special attention to such topics as: the military mind, the common soldier, the phenomena of heroism and cowardice, the home front, the effect of war on various social groups. This course is required of all students beginning honors work in American Civilization, and it will include instruction and training in research and writing.
  Junior honors course.  Prerequisite, History 201-202 or 203-204.
  Hour PQ  Zilversmit

American Civilization H352  Junior Honors Thesis
  During the second semester of the junior year and during the senior year honors candidates following program (1) will work independently with a member of the department. The objective is the preparation of a senior thesis.
American Civilization H354  American Literature of the Nineteen-Twenties (Offered 1965-66; not to be offered 1966-67.)

An intensive study of the flowering of American Literature in the decade after World War I, with consideration of the genesis of literary developments that came to culmination in this period. Representative playwrights and poets will be studied, but major emphasis will be on the writers of fiction who became major figures in the 1920’s.

Honors course for juniors and seniors.  Prerequisite, English 101.

Hour  RS

American Civilization H355  Contemporary American Literature (Not offered 1965-66; to be offered 1966-67.)

An intensive study of some of the major figures in American literature from the depression years of the 1930’s to the present time, with special emphasis on trends in technique and outlook emerging after 1929.

Honors course for juniors and seniors.  Prerequisite, English 101.

Hour

American Civilization H451-452  Senior Honors Thesis

English H325  The American Renaissance (Not offered 1965-66; to be offered 1966-67.)

Honors variant.  Prerequisite, English 207.

Hour  GS

History H353 (formerly H358)  Studies in the History of American Education (Not offered 1965-66; to be offered 1966-67.)

Honors course for juniors and seniors.  Prerequisite, History 201-202 or 203-204.

Hour  PQ

History H356  From Jefferson to Jackson (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors.  Prerequisite, History 201-202 or 203-204.

Hour  FG Wed.

History H357  The Diplomacy of the New Deal and World War II, 1933-1945 (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors.  Prerequisite, History 201-202 or 203-204.

Hour  RS
American Civilization, Anthropology

[History H360  The Old South, 1815-1865  (Not offered 1965-66; to be offered 1966-67.)
Honors course for juniors and seniors.  Prerequisite, History 201-202 or 203-204.
   Hour   PQ
Scott]

History H362  The Eighteenth Century (Offered 1965-66; not to be offered 1966-67.)
Honors course for juniors and seniors.  Prerequisite, History 101-102 or 103-104.
   Hour   RS
Breiseth

History H366  Era of the American Revolution (Offered 1965-66; not to be offered 1966-67.)
Honors course for juniors and seniors.  Prerequisite, History 201-202 or 203-204.
   Hour   FG Fri.
Labaree

ANTHROPOLOGY (Div. II)

COURSES OF INSTRUCTION 1965-66

201-202  Introduction to Anthropology

Man’s biological and cultural evolutions, and their significance as a basis for understanding the nature of modern civilization, cultural heterogeneity, and physical variability, with applications to under-developed areas.

   Sophomore course.
   Hour   M

303  Peoples and Cultures of Latin America

An analysis of Latin American culture and national character, and their Iberian, aboriginal Indian and African roots.  A comparative study will be made of present day primitive, peasant and urban communities, with particular attention given to the problems of social and economic change, education, and public health.

   Junior course.  Prerequisite, Anthropology 201-202 (waived 1965-66).
   Hour   QG

304  General Cultural Anthropology

A comparative study of cultures and societies of selected peoples.  An examination of methods of study and of human institutions.

   Junior course.  Prerequisite, Anthropology 201-202 (waived 1965-66).
   Hour   QG

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The aim of the Area Studies courses and programs is to provide opportunities for study of the history, culture, political and economic problems, literature and language of the many diverse societies outside Western Europe and North America which are playing an increasingly important role in world affairs. Beyond their inherent importance, such studies of other societies can sharpen and deepen a student’s insight into his own society and into the discipline in which he is concentrating. Programs have been established for four geographical regions: Latin America, Middle East and Africa, Russia, and South and East Asia.

Area Studies courses are offered by participating departments as regular one-semester electives. Each is designed to be an analytical course applying the insights of a particular discipline to the societies under study. A student may register for any single Area Studies course after meeting the established prerequisites.

A student who wishes to undertake a full Area Studies program, however, will register for a set of four complementary courses dealing with the same geographical region. The four courses will normally be in four different departments in both Divisions I and II, assuming that the available course offering permits. This four-course program will constitute a set of electives supplementing a regular major in an established department. (Some departments may permit an Area Studies course offered outside the department, as well as a departmental Area Studies course, to be counted as part of the minimum number of courses required for the major; for details see the departmental offerings below.) A student may register for such a program as a sophomore or junior by submitting to the department in which he intends to major and to the Committee on Area Studies a suitable plan of course elections for the following two or three years. In carrying through this program, he may be permitted to waive the prerequisites for at most two of his four Area Studies courses, by individual arrangement with the committee and the department offering a particular course, such as by substituting a reasonable amount of preparatory reading.

A second form of Area Studies program includes a language of the Area. A student registers for a four-course program plus a sufficient number of courses in an area language to attain useful command of it for speaking, reading, and writing. This program with foreign language is especially desirable for students who may go on to graduate work in Area Studies, and study of any new language should if possible be started in the freshman year. The procedures and conditions of registration are the same as above.

A student registered for a four-course program may obtain honors credit for an Area Studies course by meeting requirements set by the department offering the course and approved by the Committee on the Honors Degree. The requirements will ensure that students seeking honors credit carry out sufficient individual work, at times distributed throughout the semester, to demonstrate honors performance and to maintain the distinctive honors character of their participation in the course. Honors credit can be obtained only in Area Studies courses for which a student offers
Area Studies

the regular prerequisite. A student who wishes to undertake such supplementary work in order to obtain honors credit should so indicate when he registers for his four-course Area Studies program.

Though a student registered for a four-course program may take his Area Studies courses in any order, the courses are listed below in an order which offers some convenience in scheduling and which proceeds in so far as possible from more general to more specialized courses.

LATIN AMERICA

Spanish 206  Latin American Literature in Translation
  Sophomore course. (Not normally open to students who have had Spanish 103-104 or higher. Such students should take Spanish 203-204.) No prerequisite needed, but enrollment limited. Consult Mr. Piper.
  Hour  D  Worthen

[History 327 (formerly 320)  History of Modern Latin America (Not offered 1965-66; to be offered 1966-67.)
  Junior course. Prerequisite, History 101-102 or 103-104.
  Hour  D  Bastert]

Economics 329 (formerly 332)  Economic Development of Latin America
  Junior course. Prerequisite, Economics 101-102 or 103-104.
  Hour  QG  Eriksson

Anthropology 303  Peoples and Cultures of Latin America
  Junior course. Prerequisite, Anthropology 201-202 (waived 1965-66).
  Hour  QG  Price

Political Science 325  Latin American Politics
  Junior course. Prerequisite, Political Science 101-102 (103-104).
  Hour  GS  O'Leary

LATIN AMERICA AND SPANISH LANGUAGE

Spanish 103-104  Intermediate Spanish
  Freshman course. Prerequisite, Spanish 101-102 or two years of Spanish in secondary school.
  Hours  C, L  Worthen, Sackett

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Area Studies

Spanish 203-204  Spanish American Literature (Offered 1965-66; not to be offered 1966-67.) Conducted in Spanish.
Sophomore course. Prerequisite, Spanish 107-108 or, for students registered for the Area Studies program, Spanish 103-104.
Hour  M  Worthen

MIDDLE EAST AND AFRICA

Political Science 332  Politics and Culture of the Middle East (Offered 1965-66; not to be offered 1966-67.)
Junior course. Open to sophomores by petition. Prerequisite, Political Science 101-102 (103-104) or History 101-102 (103-104).
Hour  DE  Peretz

History 314  Studies in African History
Junior course. Open to sophomores by petition. Prerequisite, History 101-102 (103-104) or Political Science 101-102 (103-104).
Hour  M  Moutafakis

History 307  The Heirs of Rome: Europe, Islam and Byzantium, 300-1100 (Offered 1965-66; not to be offered 1966-67.)
Junior course. Prerequisite, History 101-102 or 103-104.
Hour  C  Oakley

Economics 336  Economic Development in Africa
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour  QG  Armstrong

Economics 334  Economic Development in the Middle East (Not offered 1965-66.)
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour  PF  Bruton

[Political Science 323  The Political Systems of West Africa (Not offered 1965-66; to be offered 1966-67.)
Junior course. Prerequisite, Political Science 101-102 (103-104) or by permission of the instructor.
Hour  PF  Booth]

RUSSIA

[Russian 301-302  Introduction to Russian Literature in Translation (Not offered 1965-66; to be offered 1966-67.)
Junior course. Prerequisite, two semesters’ work in literature or, for students majoring in Russian, Russian 201-202.
Hour  MN  Fersen]
Area Studies

Russian 302  Introduction to Modern Russian Literature in Translation (Offered only in 1965-66.)

Junior course.  Prerequisite, two semesters' work in literature or, for students majoring in Russian, Russian 201-202.

Hour  MN

[F]ESEN

Economics 331  The Soviet Economy (Not offered 1965-66.)

Junior course.  Prerequisite, Economics 101-102 or 103-104.

Hour  K

KERSHAW]

History 331  Russian History to 1801

Junior course.  Prerequisite, History 101-102 or 103-104.

Hour  L

WILLIAMS

History 332  Russian History, 1801-1945

Junior course.  Prerequisite, History 101-102 or 103-104.

Hour  L

WILLIAMS

Political Science H318  Soviet Union

Junior course.  Prerequisite, Political Science 101-102 (103-104).

Hour  K

MAYNARD

[Philosophy 308 (formerly 222)  A Critical Study of Marxist Philosophy (Not offered 1965-66.)

Junior course.  Prerequisite, Philosophy 101-102 (104).

Hour  ]

RUSSIA AND RUSSIAN LANGUAGE

Russian 105-106  Advanced Russian

Freshman course.  Prerequisite, Russian 103-104 or three or more years of Russian in secondary school.

Hour  C

MRS. DEKEYSERLINGK

or


Freshman course.  Prerequisite, Russian 101-102 or two years of Russian in secondary school.

Hour  AJ

MRS. DEKEYSERLINGK
Russian 201-202  Readings in Russian Civilization
Conducted in Russian. Class discussions, oral and written reports.
Sophomore course. Prerequisite, Russian 105-106 or 123-126.
Hour L
Mrs. deKeYSerLINGK

SOUTH AND EAST ASIA

[Political Science 313  The Far East (Not offered 1965-66; to be offered 1966-67.)
Junior course. Prerequisite, Political Science 101-102 (103-104).
Hour JK
Greene]

History 329 (formerly 328)  China and Japan to 1800
Junior course. Prerequisite, History 101-102 or 103-104 or consent of the instructor.
Hour L
Frost

History 330  China and Japan, 1800-1945
Junior course. Prerequisite, History 101-102 or 103-104 or consent of the instructor.
Hour L
Frost

Religion 318  Oriental Religions: India and Southeast Asia
Junior course. Prerequisite, Religion 201-202.
Hour AB
Chandler

[Religion 320  Oriental Religions: China and Japan (Not offered 1965-66.)
Junior course. Prerequisite, Religion 201-202.
Hour
Eusden]

[Economics 333  Economic Development in Southeast Asia (Not offered 1965-66.)
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour
Gates]

Political Science H363  Political Thought and Development in the Non-western World
Honors course for juniors and seniors. Prerequisite, Political Science 101-102 (103-104).
Hour AB
Greene
ART (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor S. L. Faison, Jr.

Professor Faison, Professor Stoddard, Professor Pierson*, Professor Rosenberg, Associate Professor Hirsche, Visiting Assistant Professor Carroll, Mr. Wood, Mr. Mochon.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

*Sequence courses*
- Art 201-202 Introduction to the History of Art
- Art 305-306 Basic Design
- Art 401-402 Renaissance and Baroque Art

*Parallel courses*
- Any four semester courses in art (except Art 403-404 and Art 405, 406)

The major begins in Art 201-202 with a series of critical exercises of original works of architecture, sculpture, and painting. The student is trained to observe with care and to respond to the artist’s use of visual forms. The historical courses, including most of Art 201-202, present the major artistic achievements of Western Civilization from ancient times to the present. Far Eastern art is studied for comparative purposes. Architecture, sculpture, painting, and related arts are studied, sometimes concurrently to explore their connections with one another in a given social context, sometimes individually to provide an intensive training in the special problems of each art.

The critical approach of the first course is maintained throughout. For this purpose full use is made of the resources of the Williams College Museum of Art and the Clark Art Institute. The student’s understanding is further developed at the junior level by a required course in basic design (Art 305-306), though no creative ability is assumed as a prerequisite.

Students with demonstrated talent may take courses in architectural design (Art 403-404) or in design in other media (Art 405, 406).

THE DEGREE WITH HONORS IN ART

Art majors who are accepted as candidates for the degree with honors take one of the two following programs:

*On sabbatical leave 1964-65*
(1) **TWO-YEAR PROGRAM OF HONORS COURSES**

Art 305-306 Basic Design
Art 401-402 Renaissance and Baroque Art
Any two semester courses in Art except Art 403-404 and Art 405, 406
Four honors courses, one of which may be selected from those offered by any other department

(2) **TWO-YEAR PROGRAM OF HONORS COURSES AND THESIS**

Art 305-306 Basic Design
Art 401-402 Renaissance and Baroque Art
Any four semester courses (parallel or honors) in Art and Art H451-452 Senior Honors Thesis

A student who enters the honors program with thesis will ordinarily be advised to begin his background study in the second half of his junior year (as Art H352—Junior Honors Thesis) or to take one other honors course in Art during his junior year. Qualified students in painting, graphic arts, or other media may offer a creative project in lieu of a written thesis.

201-202 *Introduction to the History of Art*

Basic problems in the understanding and criticism of architecture, sculpture, and painting. A study of a limited number of works of these arts in the principal historical periods including the present. Their relationship to each other and to the social and historical background. Ancient and Medieval periods emphasized in the first semester; Renaissance and Modern in the second.

Lectures, assigned reading, and a weekly conference hour.

*Sophomore course.* Open to freshmen who are especially interested in Art.

*Hours* A, C

STODDARD, PIERSON

ASSISTED BY OTHER MEMBERS OF THE DEPARTMENT

Students who have audited Art 201-202 on a registered basis and attended the weekly conference may elect any course in Art in the 300 group.

303 *Painting and Sculpture 1785-1900*

Great masters of nineteenth century European painting and sculpture from Goya, David, Constable, Delacroix, and Daumier through the Impressionists and Cézanne. Parallel developments in American Art. The course is arranged to take advantage of the resources of the Clark Art Institute.

Lectures, assigned reading, and an occasional conference hour or field trip.

*Junior course.* Prerequisite, Art 201-202.

*Hour* MN

FAISON

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304 Modern Painting and Sculpture

European and American painting and sculpture since 1885. Cézanne and Van Gogh as founders of modern art. The chief modern movements and their leaders. Special emphasis on recent work in the United States.

Lectures, assigned reading, and an occasional conference hour or field trip.

Junior course. Prerequisite, Art 201-202.

Hour MN

305-306 Basic Design

The purpose of this course is to explore some of the basic problems of two-dimensional and three-dimensional design and of free-hand drawing in relation to painting, sculpture, and architecture.

Studio exercises and critical discussions of work done in the course. No previous technical training assumed or required.

Junior course. Prerequisite, Art 201-202 and permission of the department. Enrollment limited.

Hour GS

307 American Art

Selected examples of architecture, sculpture, and painting in the United States from the Colonial Period to the early 1900’s, studied in relation to developments in Europe. The impact of social and technological change.

Lectures, assigned reading, and a weekly conference.


Hour L

308 Modern Architecture

European and American architecture of the twentieth century and its origins. Growth of a new architecture for social and industrial needs. The special contribution of such architects as Sullivan, Wright, Gropius, Breuer, LeCorbusier, and Aalto.

Lectures, assigned reading, and a weekly conference hour or field trip.

Junior course. Prerequisite, Art 201-202 or Art 307 or Art 201 provided Art 202 is taken concurrently.

Hour L
309 Ancient Art (Not offered 1965-66.)
Studies in selected major works of Egyptian, Minoan, Mycenaean, Greek and Roman art. Problems of field archaeology.
Lectures, assigned reading, and a weekly conference hour or field trip.
Junior course. Prerequisite, Art 201-202.
Hour B

310 Medieval Art
Romanesque architecture and its origins in Early Christian, Byzantine and Carolingian. Experiment and invention in Early Gothic architecture. The great cathedrals and their relation to medieval life. Gothic architecture in France, England, Germany, Italy, and Spain. Sculpture, painting, and other arts in relation to medieval architecture. (Honors variant: see below under Honors courses.)
Lectures, assigned reading, and a weekly conference hour or field trip.
Junior course. Prerequisite, Art 201-202 or Art 201 provided Art 202 is taken concurrently.
Hour M

311 Renaissance Art
Painting, sculpture, and architecture in the Italian Renaissance and their origins in the social and intellectual climate. Emphasis on such masters as Brunelleschi, Alberti, Donatello, Masaccio, Botticelli, Leonardo, Bramante, Raphael, Michelangelo, Bellini, Giorgione, Titian, and Tintoretto. Mannerism and the spread of Italian forms in sixteenth century Europe.
Junior course. Prerequisite, Art 201-202.
Hour D

312 Baroque Art
Junior course. Prerequisite, Art 201-202.
Hour D

314 Studies in Baroque and Rococo Art (Not offered 1965-66.)
Emphasis on architecture and its ornament in eighteenth century France, Germany and Austria, studied as variants of the Baroque in Italy. Major painters like Tiepolo, Watteau, Fragonard, and Goya in relation to European society of the period. Developments in Georgian England and Colonial America.
Lectures, assigned reading, and a weekly conference or field trip.
Junior course. Prerequisite, Art 201-202.
Hour
401-402 Renaissance and Baroque Art

Art 401 includes Art 311 with additional studies in Renaissance Art.
Art 402 includes Art 312 with additional studies in Baroque Art.
Lectures, assigned reading, and a weekly conference hour or field trip.

Senior course. Required course in the major. Prerequisite, Art 305-306.
Hour D and additional hours for majors (PQ). First semester: Carroll
Second semester: Carroll, Pierson

403-404 Architectural Design

Senior course. Prerequisites, Art 305-306 with an honors grade and Art 308. Art
308 may be taken concurrently. Enrollment limited and permission of the instructor is required.
Hour FFGG Hirsche, Mochon

405 Advanced Design

Continuation of design problems, primarily on an individual basis, at a more advanced level than Art 305-306.

Senior course. Prerequisites, Art 305-306 with an honors grade and Art 304. Art 304 may be taken in the following semester. Permission of the instructor is required.
Hour QG Wood

406 Advanced Design

Continuation of design problems, primarily on an individual basis, at a more advanced level than Art 305-306.

Senior course. Prerequisites, Art 305-306 with an honors grade and Art 304. Art 304 may be taken concurrently. Permission of the instructor is required. (Intended for seniors with demonstrated creative ability.)
Hour QG Wood

HONORS COURSES

H310 Medieval Art (Honors variant)

H352 Junior Honors Thesis

H353 Problems in Criticism

An experiment in the criticism of unidentified and identified works of art. Inquiry into the relevance of historical knowledge to criticism. Occasional combined sessions with English H351.
Honors course for juniors and seniors. Prerequisite, Art 201-202.
Hour FR Tu. Faison
[H354  Problems in American Art (Not offered 1965-66.)
Honors course for juniors and seniors.  Prerequisite, Art 201-202 and normally Art 307.
Hour
[Pierson]

[H364  Baroque and Rococo Studies (Not offered 1965-66.)
Emphasis on France, Italy, and Germany in the Eighteenth Century, especially in architecture.
Honors course for juniors and seniors.  Prerequisite, Art 201-202.
Hour
[Faison]

[H366  Drawings and Prints (Not offered 1965-66.)
The original master drawings and prints in the Clark Art Institute serve as the chief study material for this course.
Honors course for juniors and seniors.  Prerequisite, Art 201-202.
Hour

H370  Methods of Research in Art History
Intensive study of original works in the Clark Art Institute and the Williams College Museum of Art.
Honors course for juniors and seniors.  Prerequisite, Art 201-202.
Hour  FR
[Carroll]

H451-452  Senior Honors Thesis

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ASTRONOMY (Div. III)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor T. G. MEHLIN

COURSES OF INSTRUCTION 1965-66

101-102 General Astronomy

An introduction to the modern concepts of the physical nature of the astronomical universe. Topics considered include instruments, stars, the sun, nebulae, star clusters, galaxies, and the various objects which make up the solar system.

Lectures, three hours a week; laboratory and observation averaging two hours a week.

Freshman course.

Hours A, J Lab. sections: Wed., Th.

Lab. sections: Wed., Th.

Mehlin

311 Meteorology

The physical basis of modern meteorology; methods of observing and forecasting the weather; application of meteorology to aviation.

Junior course. Prerequisite, admission credit in Physics or college Physics or the consent of the department. (Open to sophomores with permission of the department.)

Hour L

Mehlin

312 Marine and Air Navigation

An introductory course dealing with the modern methods used in the navigation of surface vessels and aircraft. Topics studied include maps and charts, instruments, piloting and dead reckoning, current and wind, relative movement, celestial navigation.

Lectures and discussion, three hours a week.

Junior course. (Open to sophomores with permission of the department.)

Hour L

Mehlin
BIOLOGY (Div. III)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Associate Professor W. C. Grant, Jr.

Professor Matthews, Professor Waterman, Professor Copeland, Associate Professor Grant, Assistant Professor Whitehead, Assistant Professor Vankin, Mr. Reist, Mr. Davis, Mr. Koppenheffer.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

Biology 101-102 Basic Concepts of Modern Biology
Biology 301 Principles of Genetics
Biology 302 Developmental Patterns and Morphogenesis
Biology 401-402 Principles of Physiology

Parallel courses

Any four semester courses in Biology, or two semester courses in Biology and Chemistry 301-302.

Under some circumstances the department may allow the substitution of two of the following courses for two parallel courses: Chemistry 201, 202; Geology 101-102, 305.

Biology 201, 202, 203, and 204 are open to specially qualified freshmen who enter with advanced placement credit in Biology, or have had a recent comparable course of secondary school Biology and obtain the approval of the department.

Sophomores who register as provisional majors in the department may elect Biology 203, 204 in addition to 201, 202. Any sophomore may elect either 201 or 203 the first semester, either 202 or 204 the second.

Biology 202 and 303 may be taken by qualified juniors and seniors without the usual prerequisites with the approval of the department.

Knowledge of chemical principles is essential for an understanding of Biology. Students planning to major in Biology who have not had an adequate course in Chemistry are urged to elect Chemistry 103-104 or 101-102. Students planning graduate work in Biology are advised to elect courses in organic chemistry, introductory physics, and mathematics.

The objective of the Biology major is an understanding of the principles governing the activities of living systems. With emphasis on the molecular basis of living processes a broad spectrum of topics encompassing cells, organisms, and populations is explored. Modern methods of investigation, current concepts and discoveries, and surveys of recent literature are integral parts of the program. The work in the major
also provides an adequate background for those planning to enter graduate schools of biology or medical science.

THE DEGREE WITH HONORS IN BIOLOGY

Eligible students majoring in Biology who plan to become candidates for the degree with honors may do so by electing the following program:

Three-semester program of honors course and thesis

**Junior year, second semester**
Biology H352 Experimental Biology

**Senior year, first and second semesters**
Biology H451-452 Senior Honors Thesis

In addition to the sequence courses and the program of honors course and thesis, the program for the degree with honors in Biology includes three electives, of which one must be a course in Biology; the other two may be Chemistry 301-302 or, with the consent of the department, may be chosen from Chemistry 201, 202 or Geology 305. Students entering the honors program in their senior year may substitute a term course in Biology for H352.

**101-102 Basic Concepts of Modern Biology**

*First semester:* The molecular basis of life and the organization of the cell; energetics and metabolism; the diversity of organisms; interrelationship of structure and function in living systems.

*Second semester:* Growth and reproduction; development; the principles of inheritance and molecular genetics; the modern concept of evolution; biology of populations and communities.

Lectures and laboratory work, six hours a week.

*Freshman course.* Requires no previous study of Biology.

**Hour B Lab. sections: Mon., Tu., Wed., Th.**

*First semester:* Matthews, Waterman, Reist
*Second semester:* Whitehead, Vankin, Reist

**201 Patterns and Evolution of Animal Structure**

Comparative study of animal structure; correlation of structural modifications with functional changes related to different environments and evolution. Homology, adaptation, paleontological evidence of ancestry. Laboratory study of representative types, including the physiology, morphology and microscopic structure of selected organs.

Lectures and laboratory work, six hours a week.

*Sophomore course.* Prerequisite, Biology 101-102 or, with the consent of the department, admission credit in Biology.

*Hour K Lab sections: Tu., Wed.*

*Waterman
202 Organic Evolution

An introduction to the principles and modern theories of the evolutionary process; biochemical evolution and the origin of life; a critical review of the mechanisms of speciation and the significance of geographical isolation; variation, adaptation and natural selection; human evolution.

Lectures, conferences, laboratory, six hours a week.

Sophomore course. Prerequisite, Biology 101-102 or, with the consent of the department, admission credit in Biology. (Open to upperclassmen without prerequisite with consent of the department.)

Hour K Lab. section: Wed.

203 The Biology of Micro-organisms

Selected topics on the physiology and biochemistry of bacteria, viruses, fungi and algae with emphasis on the importance of these organisms in current research. Heterotrophic vs. autotrophic metabolism; chemosynthesis and photosynthesis; fermentation; nitrogen fixation; chemical control of growth and development; light and growth. Field studies of micro-organisms.

Lectures, conferences, and laboratory work, six hours a week.

Sophomore course. Prerequisite, Biology 101-102 or, with the consent of the department, admission credit in Biology.

Hour C Lab. section: Th.

204 The Physiology of Vascular Plants

Selected topics on the physiology of higher plants with emphasis on contemporary research. Relationship of light quality, intensity, and periodicity to plant growth and reproduction: photosynthesis, phototropism, and photoperiodism. Chemical control of growth and reproduction: the chemistry of auxins and other hormones, patterns of differentiation. General aspects of plant metabolism. Field studies of higher plant ecology.

Lectures, conferences, and laboratory work, six hours a week.

Sophomore course. Prerequisite, Biology 101-102 or, with the consent of the department, admission credit in Biology.

Hour C Lab. section: Mon.

301 Principles of Genetics

Chromosomal mechanisms and heredity. Recombination and genetic fine structure analysis in micro-organisms; the molecular basis of heredity and mutagenesis; chemistry and replication of the nucleic acids. Gene action at the molecular level; the genetic code for protein synthesis; genetic control of cyto-differentiation and development.

Lectures, conferences, and laboratory work, six hours a week.

Junior course. Required course in the major. Prerequisite, Biology 101-102.

Hour D Lab. sections: Tu., Wed., Th.
Biology

302 Developmental Patterns and Morphogenesis

Changes in form and function during development; causal analysis of the mechanisms and genetic and biochemical factors underlying structural and functional differentiation. Interrelationships of developing structures, physiology of reproduction, parthenogenesis, metamorphosis, regeneration. Laboratory study of the origin and differentiation of structure and function among representative animals.

Lectures, conferences, and laboratory work, six hours a week.
Junior course. Required course in the major. Prerequisite, Biology 101-102.

Hour D  Lab. sections: Tu., Wed.  Waterman

303 Ecology (Not offered 1965-66; to be offered 1966-67.)

Populations and their physical environment; biogeochemical cycles and the productivity of biological communities; the major principles of population dynamics; group behavior; conservation; ecological theory; discussion of oceanography and marine biology. The use of quantitative methods for population studies in laboratory and field. Occasional field trips.

Lectures, conferences, and laboratory work, six hours a week.
Junior course. Prerequisite, Biology 101-102. (Open to majors in other departments without prerequisite with consent of the department.)

Hour  MN Mon., Wed.  Lab. section: Mon.  Grant

304 Cytology

General morphology and chemistry of the cell. Molecular organization underlying function in subcellular components; cell division and differentiation; nucleocytoplasmic interactions; heredity at the cellular level. Basic histological techniques and the special cytology of selected organ systems.

Lectures, conferences, and laboratory work, six hours a week.
Junior course. Prerequisite, Biology 301 or the consent of the department.

Hour  MN  Lab. section: Th.  Vankin

401-402 Principles of Physiology

First semester: Physical and chemical principles involved in responses of the cell; cell energetics; enzymes and enzyme action; surface membranes and the transfer of materials through them; water balance; activities of muscle and nerve cells.

Second semester: Functional aspects of the principal organ systems in vertebrates.

In both semesters a series of conferences is arranged with members of the department for the discussion of significant developments in Biology. Preparation and presentation of a paper by each student on some aspect of recent research aids in reviewing and coordinating various aspects of the field and serves as preparation for the major examination.
Lectures, conferences, and laboratory work, six hours a week.

**Senior course.** Required course in the major. Prerequisite, Biology 301, 302.

**Hour** JK  Conference: GS Fri.  Lab. sections: Tu., Wed.  **Matthews**

**HONORS COURSES**

**H352 Experimental Biology**

The scientific literature of four areas of Biology is studied and analyzed in conferences while experiments dealing with some aspect of each area are carried out in the laboratory. A report is prepared for each segment of the course.

In the last two weeks of the course, or earlier, each student selects a problem which he will continue as a thesis problem in his senior year.

Discussion and laboratory work, 5 hours a week.

*Honors course for juniors and seniors.* Prerequisites, Biology 101-102 and 301.

**Hour** FR Fri.  Lab. section: 1-4 Mon.  **Members of the Department**

**H451-452 Senior Honors Thesis**

Each student continues with a problem selected at the end of his junior year and prepares a thesis under the supervision of a member of the department.

**Members of the Department**

**GRADUATE COURSE**

**501-502 Advanced Experimental Biology**

Modern techniques and recent developments of selected biological problems. The nature and scope of the problems and the methods employed to study them will be varied to suit the needs and background of the student in preparing him for further graduate work in the field.

**Hour**
CHEMISTRY (Div. III)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor C. D. Compton

Professor Curry, Professor Compton, Professor Taylor*, Associate Professor Warren, Visiting Associate Professor Foy, Assistant Professor Markgraf**, Assistant Professor West, Visiting Assistant Professor Moomaw, Miss Donega, Mr. Burgess, Mr. Norton.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses
Chemistry 101-102 General Chemistry
Chemistry 201 The Structure of Matter
Chemistry 202 Elementary Quantitative Analysis
Chemistry 301-302 Organic Chemistry
Chemistry 401-402 Advanced Chemistry
or
Chemistry 101-102 General Chemistry
Chemistry 201 The Structure of Matter
Chemistry 202 Elementary Quantitative Analysis
Chemistry 301-302 Organic Chemistry
Chemistry 403-404 Advanced Topics in Chemistry

Parallel courses
Chemistry 303 Physical Chemistry
Chemistry 304 Instrumental Analysis
Chemistry 501 Inorganic Chemistry, or
with the consent of the department, one year course (or two semester courses) from among the following: Biology 101-102, 201, 302; Geology 101-102, 201-202; Mathematics 101, 102 or higher; Physics 103-104 (101-102) or higher.

The Chemistry major furnishes a field of concentration for students interested in extending their knowledge of the methods and content of the science as part of a liberal college education. The courses are organized to provide a foundation in the fundamental fields of Chemistry, to develop the applications and relationships of Chemistry to the other sciences, and to reveal the role it plays in problems of modern life. The major furnishes adequate preparation for graduate study in pure chemistry, chemical engineering, biochemistry, medicine, and related subjects. It is also useful to those whose later business activities may deal with chemical materials or processes.

Students majoring in Chemistry meet periodically in an informal colloquium to discuss current topics of interest with the Honors students in the department, members of the staff, and guest members of the chemistry profession.

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*On sabbatical leave 1964-65
**On leave 1964-65
THE DEGREE WITH HONORS IN CHEMISTRY

Chemistry majors who are accepted as candidates for the degree with honors take the following program:

Junior year, first and second semesters
Chemistry 301-302 Organic Chemistry
Chemistry 303 Physical Chemistry
Chemistry 304 Instrumental Analysis
or
Chemistry 301-302 Organic Chemistry and
an approved year course in a related department

Senior year, first and second semesters
The student takes Chemistry H451-452 Senior Honors Thesis in addition to the senior course (Chemistry 401-402 or 403-404).

The work in Chemistry H451-452 is individual laboratory work in a field of interest to the student. It is carried out under the direction of a department member and culminates in a thesis.

AMERICAN CHEMICAL SOCIETY ACCREDITED MAJOR IN CHEMISTRY FOR STUDENTS PLANNING TO ENTER CHEMISTRY AS A PROFESSION

The American Chemical Society has prescribed minimum requirements for a student who wishes to obtain a Bachelor of Arts degree with a major in Chemistry for the purpose of continuing his chemical training in a graduate school or entering chemical industry as a chemist. The courses given below satisfy the minimum requirements for the A.C.S. accredited major. Students should plan their program in consultation with the department of Chemistry.

Chemistry 101-102, 201, 202, 301-302, 303, 304, 401-402, 501.
Physics 103-104 (101-102). An additional year is recommended.
Mathematics 101, 102. This course must be taken before Chemistry 303. An additional year is recommended.
German 101-102. A reading knowledge of French is also desirable.
A total of three additional courses in Division I and Division II.

101-102 General Chemistry
An introduction to molecular structure, states of matter, chemical equilibrium, chemical kinetics, and applications of these concepts.
Laboratory work comprises a system of qualitative analysis and quantitative techniques including electrical and optical measurements.
Lectures, three hours a week; laboratory, three hours a week.
Freshman course.
Hour MN Lab. sections: Mon., Tu., Wed., Th.
Chemistry

103-104 Chemical Principles

The principles of chemistry with emphasis on molecular structure, states of matter, chemical equilibrium, chemical kinetics, and applications of these concepts. Laboratory work comprises a system of qualitative analysis and quantitative techniques including electrical and optical measurements.

Lectures, three hours a week; laboratory, three hours a week.

This course is recommended for those students with sound preparation in secondary school chemistry whose major interest is in one of the fields of science.

Freshman course.

Hour DE Lab. sections: Wed., Th.

201 The Structure of Matter (Not to be offered after 1965-66.)

Atomic structure, elementary quantum theory, radioactivity and radiochemistry, molecular structure, intermolecular forces, and combining capacity. Applications to inorganic and organic compounds.

Lectures, three hours a week; laboratory, four hours a week.

Sophomore course. Prerequisite, Chemistry 101-102 or 103-104.

Hour L Lab. sections: Mon., Tu., Wed., Th.

202 Elementary Quantitative Analysis (Not to be offered after 1965-66.)

The theory and practice of quantitative analysis. Gravimetric, volumetric, colorimetric and potentiometric methods. Laboratory work consists of the application of principles and techniques to quantitative determinations.

Lectures, three hours a week; laboratory, four hours a week.

Sophomore course. Prerequisite, Chemistry 101-102 or 103-104.

Hour L Lab. sections: Mon., Tu., Wed., Th.

301-302 Organic Chemistry

Systematic study of the compounds of carbon with emphasis on theories of structure and reactivity. Coordinated laboratory work in organic synthesis and qualitative analysis.

Lectures, three hours a week; laboratory, four hours a week.

Junior course. Prerequisite, students taking this course must have taken or be taking Chemistry 201, 202 (which will not be offered after 1965-66).

Hour AB Lab. sections: Mon., Wed.

NOTE: Students presently enrolled in Chemistry 101-102 or 103-104, who intend to take Organic Chemistry (presently Chemistry 301-302), must elect Chemistry 201, 202 in 1965-66.
303 Physical Chemistry

The first and second laws of thermodynamics and their applications to chemical systems. Emphasis on properties of gases, liquids, ideal and non-ideal solutions, chemical and heterogeneous equilibria, phase rule, and general criteria for equilibrium and spontaneous change. Laboratory work is quantitative in nature.

Lectures, three hours a week; laboratory, four hours a week.

*Junior course.* Prerequisites, Chemistry 201, 202, Mathematics 101, 102 and Physics 103-104 (101-102).

Hour DE Lab. section: Tu.

304 Instrumental Analysis

A treatment of some of the more advanced methods used in quantitative analysis, with emphasis on the theory and application of chromatographic, electrical, and optical instrumental techniques.

Lectures, three hours a week; laboratory, four hours a week.

*Junior course.* Prerequisites, Chemistry 201, 202 and 303.

Hour DE Lab. section: Tu.

401-402 Advanced Chemistry

An extension and coordination of the earlier courses in Chemistry.

*First semester:* Kinetic theory, the crystalline state, thermodynamics, equilibria, electrochemistry, and chemical kinetics.

*Second semester:* Theoretical organic chemistry, including the correlation of structure with properties, reaction mechanisms, and the scope and limitations of organic reactions.

*Senior course.* Prerequisites, Chemistry 201, 202 and 303, 304; Physics 103-104 (101-102); Mathematics 101, 102. Students taking this course must have taken or be taking Chemistry 301-302. Laboratory, four hours a week.

Hour JK Lab. section: Th.

403-404 Advanced Topics in Chemistry

The application of fundamental chemical principles to broad areas of current chemical interest with emphasis on natural products.

*First semester:* The isolation, characterization, and properties of natural products. Some of the following types of compounds will be discussed: proteins, carbohydrates, vitamins, enzymes, antibiotics, alkaloids, steroids.

*Second semester:* Selected aspects of chemical behavior including the properties of gases and solutions, pH relations, oxidation-reduction systems, the colloidal state, the speed of reactions and catalysis, energy relations and their application to the study of natural products.

*Senior course.* Prerequisite, Chemistry 301-302. Laboratory, four hours a week.

Hour JK Lab. section: Wed.
Chemistry

HONORS COURSES

H351-352 Junior Honors Thesis
H451-452 Senior Honors Thesis

GRADUATE COURSES

501 Inorganic Chemistry
A study of the structure and properties of inorganic systems and reactions. Emphasis on application of physical-chemical principles.

*Hour* 8-9:15 Tu., Th.  

[503 Advanced Instrumental Analysis (Not offered 1965-66.)
A study of the theory and application of instrumental methods in chemical analysis. Electrical titration methods, polarography, visible, infrared and ultraviolet spectrophotometry, spectroscopy, X-ray analysis, nuclear radiation measurements, etc.

*Hour* ]

504 Theoretical Aspects of Organic Chemistry
A study of recently developed theories correlating the structure and properties of organic compounds. Qualitative aspects of the concept of resonance. Resonance and color in organic molecules. Acidity and basicity. Mechanisms of polar reactions including representative examples of nucleophilic displacements, elimination reactions, addition to multiple linkages, molecular rearrangements, aromatic substitution, esterification and hydrolysis, etc. Free radical reactions. Criteria for establishing reaction mechanism.

*Hour* 8-9:15 Tu., Th.  

[505 Electrochemistry (Not offered 1965-66.)
Electrolysis, conductance, theories of ionic interaction, electrode phenomena, modern theories of acids and bases.

*Hour* ]

[506 Structure of Matter—Inorganic (Not offered 1965-66.)
A detailed study of atomic structure and chemical bonding with a correlation of their effects on the chemical and physical properties of inorganic materials. Nuclear and extranuclear structure, radio-activity, valence, inorganic chemistry.

*Hour* ]

[507 Chemical Kinetics and Mechanisms (Not offered 1965-66.)
Methods of obtaining and treating rate data, collision theory, transition-state theory, reactions in solution, complex reactions, homogeneous catalysis, application to reaction mechanisms.

*Hour* ]
[508] Newer Methods of Analytical Chemistry (Not offered 1965-66.)

A coverage of recent developments in non-instrumental methods of analytical chemistry. Complex ions, organic reagents, organic functional group analysis. Methods of separation such as ion exchange, chromatography, extraction.

Hour

[509] Special Topics in Organic Chemistry (Not offered 1965-66.)

A survey of the fundamental chemistry of one or more of the following specialized fields of organic chemistry: heterocyclic chemistry, high polymers, alkaloids, carbohydrates, proteins, terpenes, chemotherapeutic agents, steroids. Occurrence, importance, properties, methods of isolation, characterization and synthesis.

Hour

[512] Crystal Chemistry (Not offered 1965-66.)

Elementary crystallography. The structure of various types of crystalline substances such as inorganic compounds, metals, alloys, organic compounds, and macromolecular substances. Types of binding forces. Relation between structure and properties.

Hour


The principles involved in the more important physical methods for determining the structure of molecules and solids are discussed. Range of applicability and consideration of typical results are emphasized. Topics will be selected from the following: X-ray diffraction, electron diffraction, dipole moment measurements, magnetic susceptibility measurements; classical, raman, infrared and microwave spectroscopy; nuclear magnetic resonance.

Hour

[514] Steric Effects in Organic Chemistry (Not offered 1965-66.)

The effect of spatial relationships on the reactivity and properties of organic compounds, including such topics as conformational analysis, geometric isomerism, optical isomerism, strain theory, and steric hindrance. The configurations and stereochemistry of carbon compounds and of some elements other than carbon.

Hour

[515] Chemical Thermodynamics (Not offered 1965-66.)

The first, second, and third laws of thermodynamics. Enthalpy, entropy, free energy, fugacity and activity functions. Partial molal quantities. Application of thermodynamics to gaseous reactions, heterogeneous systems, and processes involving solutions.

Hour
CLASSICS (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor D. C. Mackenzie
Professor Harper, Professor Avery, Professor Mackenzie.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM—The Classics major may concentrate in either Greek or Latin: those who contemplate graduate study should prepare themselves to work in both languages.

(1) For those whose primary interest is Greek

Sequence courses
- Greek 201-202 Herodotus and Homer
- Greek 301, 302 Plato and Greek Drama or
- Greek 303, 304 Lyric Poetry and Thucydides
- Classics 401-402 Senior Departmental Program in Greek

Parallel courses
- (a) History 323, 324 Greek and Roman History or a course in Latin
- (b) Classics 301, 302 Greek Drama and Ancient Historians or a course in Latin

(2) For those whose primary interest is Latin

Sequence courses
- Latin 105-106 Roman Comedy and Latin Lyric Poetry
- Latin 201, 202 Elegy and Letters or
- Latin 301, 302 Tacitus and Roman Satire or
- Latin 303, 304 Lucretius and Vergil
- Classics 401-402 Senior Departmental Program in Latin

Parallel courses
- (a) History 323, 324 Greek and Roman History or a course in Greek
- (b) Classics 301, 302 Greek Drama and Ancient Historians or a course in Greek

The courses in each of the departmental sequences—that is, in Greek or in Latin—are designed to develop the student’s command of the language and at the same time to acquaint him with some of the masterpieces of Greek and Latin poetry and prose. The function of the parallel courses is similar. Classics 301, 302 and History 323, 324 are designed to give the student a broader view of classical literature and of the history of Greece and Rome than is usually possible through the medium of courses in the Greek and Latin languages.

THE DEGREE WITH HONORS IN CLASSICS

All candidates for the degree with honors must write a thesis in addition to satisfying the major requirements listed above. The student will take two honors courses in his
Classics, Greek

junior year (300 level courses in Greek or Latin elected as honors variants) and write a thesis in his senior year. The honors courses will offer training in critical analysis, and written or oral reports will be presented by the students.

CLASSICS COURSES CONDUCTED IN ENGLISH

101-102 Classical Civilization (Div. II)
A survey of the cultural achievements of Greece and Rome, with special attention to the meaning and value of their contribution to the modern world. Readings are chiefly in modern translations of major classical authors including Homer, the Greek dramatists, Vergil, Horace, Juvenal and Ovid. Lectures and discussions deal with the specific works studied and with the historical and cultural background.

Lectures, discussions, and assigned readings.
Freshman course. Enrollment limited to freshmen and sophomores.

Hour L Stambaugh

301, 302 Greek Drama and Ancient Historians (Div. I) [Classics 301, 302]
First semester: An intensive study of Greek tragedy and comedy. Aeschylus, Sophocles, Euripides and Aristophanes as artists and thinkers.
Second semester: A study of the writings of the classical historians, with particular stress on their solutions to problems faced by historians ancient or modern, and on their philosophies of history.
Junior course. Prerequisite, a college course in English or in History.

Hour C Mackenzie

NOTE: For courses in Greek and Roman History see History 323, 324.

GREEK (Div. I)

101-102 Elementary Greek
The rudiments of the language and the reading of simple Attic prose; and, if time permits, reading in Homer.

Freshman course. For students who have studied less than two years of Greek in secondary school.

Hour B Stambaugh

201-202 Herodotus and Homer
Selections from the History of Herodotus and from the Iliad of Homer.

Sophomore course. Prerequisite, Greek 101-102 or two years of Greek in secondary school. With the permission of the department, either semester may be taken separately.

Hour B Mackenzie
GREEK, LATIN

301, 302  Plato and Greek Drama (Offered 1965-66; not to be offered 1966-67.)
First semester: Selected dialogues of Plato, including the Apology, Crito and Phaedo.
Second semester: Introduction to Attic tragedy: reading of Aeschylus, Sophocles, and Euripides.
Junior course. Prerequisite, Greek 201-202.
Hour QG

303, 304  Lyric Poetry and Thucydides (Not offered 1965-66; to be offered 1966-67.)
First semester: The elegiac, iambic, and melic poets. Study of the development of the various types of lyric poetry, their characteristic features and later influence.
Second semester: Extensive reading in the History of Thucydides, with occasional lectures and reports.
Junior course. Prerequisite, Greek 201-202.
Hour

NOTE: Greek 301, 302, 303, 304 may be taken for honors credit. See below under Honors Courses. For further courses in Greek see below under Classics 401-402 and H451-452.

LATIN (Div. I)

103-104  Literature of the Golden Age
Readings in Latin literature of the Golden Age, both poetry and prose, with particular stress on Vergil.
Freshman course. For students who have completed less than four years of Latin in secondary school.
Hour M

105-106  Roman Comedy and Latin Lyric Poetry
First semester: The origin, development, and later influence of ancient comedy will be studied in connection with the reading of selected plays of Plautus and Terence.
Second semester: The works of Catullus and Horace will be read as the finest examples of this kind in Latin literature. The value and interest of the poems as social documents will be considered.
Freshman course. Open to students who have studied four years of Latin in secondary school or three years by permission of the department. With the permission of the department, either semester may be taken separately.
Hour D
201, 202  Elegy and Letters

First semester: A study of the Latin elegists Tibullus, Propertius, and Ovid, with emphasis on their individual achievements and their place in the tradition.

Second semester: The correspondence of Cicero and of Pliny will be studied as illustrations of political, social, and intellectual life in the late Republic and in the Principate.

Sophomore course. Prerequisite, Latin 105-106.

Hour K

Mackenzie

301, 302  Tacitus and Roman Satire (Offered 1965-66; not to be offered 1966-67.)

First semester: Extensive readings in the Annals of Tacitus, and a study of the author as historian and stylist.

Second semester: Study of Horace and Juvenal as masters of a peculiarly Roman genre, and as critics of their respective eras.

Junior course. Prerequisite, Latin 201, 202.

Hour GS

Harper

303, 304  Lucretius and Vergil (Not offered 1965-66; to be offered 1966-67.)

First semester: Readings in the De Rerum Natura and study of Lucretius' achievement as poet and thinker.

Second semester: Intensive study of Vergil's poetry, his relation to his predecessors, and his later influence.

Junior course. Prerequisite, Latin 201, 202.

Hour

NOTE: Latin 301, 302, 303, 304 may be taken for Honors credit. See below under Honors Courses. For further courses in Latin see below under Classics 401-402 and H451-452.

CLASSICS (Div. 1)

401-402  Senior Departmental Program

The Classics major may concentrate in Greek or Latin. In either case his center of studies in the senior year will be a program of independent reading, essays, and periodic conferences. The readings will be planned so as to acquaint the student with authors, periods, and genres not studied in previous courses: the independent nature of the work should encourage initiative and hasten the development of intellectual maturity.

Senior course. Required course in the major. Prerequisite, a course in Greek or Latin at the 300 level.

Hour

Members of the Department
Classics, Comparative Literature

HONORS COURSES

Any of the 300 level courses in Greek or in Latin may be taken as an Honors course. The student who elects one of these courses as an Honors variant will supplement the regular course work with additional reading and reports.

H451-452 Senior Honors Thesis

COMPARATIVE LITERATURE (Div. I)

302 Dante

Dante’s *Vita Nuova* and *Divine Comedy*. Introductory study of poems of the Provencal troubadours and of Cavalcanti.

Readings will be done in translation. (Honors variant. See under English Honors Courses.)

*Junior course.* Prerequisite, English 101-102 or any literature course in a foreign language.

*Hour C*  

303, 304 Masterpieces of Western Fiction in Translation

(Because enrollment will be limited to twenty-five, students registering for these courses should indicate an alternative choice.)

*First semester:* Cervantes, *Don Quixote* (Piper); Fielding, *Tom Jones* (Allen); Laclos, *Dangerous Liaisons* (Savacool); Goethe, *The Sorrows of Young Werther* and *Wilhelm Meister’s Apprenticeship* (Spaethling); Dickens, *Great Expectations* (Graver); Tolstoi *War and Peace* (Stocking); Flaubert, *Madame Bovary* (Pistorius).

*Second semester:* Dostoevsky, *The Brothers Karamazov* (Fersen); Zola, *Germinal* (Root); Hardy, *Jude the Obscure* (Shoenberg); Proust, *Remembrance of Things Past* (Savacool); Thomas Mann, *The Magic Mountain* (Root); Kafka, *The Trial* (Silas); Malraux, *Man’s Fate* (Pistorius).

Lectures and written reports.

*Junior course.* Prerequisite, English 101 or two semesters of literature in advanced English or foreign language courses.

*Hour PF*  

[Russian 301-302 Introduction to Russian Literature in Translation (Not offered 1965-66; to be offered 1966-67.)

*Junior course.* Prerequisite, two semesters’ work in literature or, for students majoring in Russian, Russian 201-202.

*Hour MN*  

Fersen]
Russian 302  Introduction to Russian Literature in Translation (Offered only in 1965-66.)
Junior course. Prerequisite, two semesters' work in literature or, for students majoring in Russian, Russian 201-202.
Hour MN

Russian 306  Russian Prose in the Twentieth Century in Translation
Junior course. Prerequisite, two semesters' work in literature or, for students majoring, or wishing to take advanced work, in Russian Literature, Russian 201-202.
Hour GS

Spanish 206  Latin American Literature in Translation
Sophomore course. (Not normally open to students who have had Spanish 103-104 or higher. Such students should take Spanish 203-204.) No prerequisite needed, but enrollment limited. Consult Mr. Piper.
Hour D

HONORS COURSES

[H353 Studies in Continental Literature: The Enlightenment (Not offered 1965-66; to be offered 1966-67.)
A study of the movement through an inspection of major eighteenth-century writers in France, Germany, and Spain, e.g. Diderot, Voltaire, Beaumarchais; Lessing, Herder, Goethe; Ramón de la Cruz and Feijóo.
Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.
Hour DE

[H354 Studies in Continental Literature: Baroque Literature (Not offered 1965-66.)
A study of the baroque style in major seventeenth-century writers of France, Germany, and Spain: Gongóra, Calderón, Gryphius, Grimelshausen, and selected French dramatists and poets.
Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.
Hour DE

[H355 Studies in Continental Literature: Manifestations of Romanticism (Not offered 1965-66; to be offered 1966-67.)
A study of the romantic hero as he appears in French, German, and Spanish literature.

- 99 -
Comparative Literature, Drama

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE

H356 Studies in Continental Literature: Naturalism (Offered 1965-66; not to be offered 1966-67.)

A study of the works of Zola, Ibsen and other European Naturalists and the intellectual and cultural influences that shaped the Naturalistic literature of the later nineteenth century.

Honors course for juniors and seniors. Prerequisites, French 201-202 or German 107-108 or Spanish 107-108.

Hour DE

H357 Studies in Continental Literature: Existentialism in Literature (Offered 1965-66; not to be offered 1966-67.)

An exploration of the existentialist idea as it appears in the writings of Nietzsche, Unamuno, Kafka, and Sartre.

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE

DRAMA (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Assistant Professor J. J. von Szeliski
Assistant Professor von Szeliski, Mr. Watson, Mr. Fowler.

COURSES OF INSTRUCTION 1965-66

201 Introduction to the Theatre

A study of the essentials of dramatic art, the aesthetics and economics of theatre, and the bases of dramatic effectiveness. Selected plays are read from the viewpoint of theatrical production.

Sophomore course. Prerequisite, English 101.

Hour MN

- 100-
202 Introduction to Technical Theatre

Selected plays are read in relation to problems in theatrical design and production. Study of the physical theatre, its equipment, and use. Brief history of theatre crafts and theatre architecture. Principles of stage lighting, scenic construction, painting, and design.

Sophomore course. Prerequisite, Drama 201.

Hour MN

[301-302 History of the Theatre (Not offered 1965-66; to be offered 1966-67.)

Detailed survey of major dramatists, plays, theories and practices from ancient civilization to the present. Study of trends in architecture, performing, and production in major historical periods. Plays representative of significant theatre movements are studied.

Junior course. Prerequisite, Drama 201.

Hour QG

303 Play Production and Direction (Offered 1965-66; not to be offered 1966-67.)

The translation of the script into a complete dramatic interpretation. Study of dramatic form, visualization, casting, direction, and technical production. The student will direct and produce a short play for the class audience. Registration limited to 12.

Junior course. Prerequisite, Drama 301-302 or permission of the department.

Hour QG

304 Dramatic Theory and Criticism (Offered 1965-66; not to be offered 1966-67.)


Junior course. Prerequisite, Drama 301-302 or permission of the department.

Hour QG

311, 312 Special Projects in Theatre

Individual creative work based on the background and demonstrated talent of the student working under the guidance of a member of the department to complete a project in acting, directing, or design established by mutual consent of teacher, student, and department.

Junior course. Prerequisite, permission of the instructor.

Hour Arr.
ECONOMICS (Div. II)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor W. B. Gates, Jr.

Professor Brooks*, Professor Gates, Professor Clark*, Professor Kershaw, Professor Power, Visiting Professor Singer**, Associate Professor Sheahan*, Associate Professor Bruton, Visiting Associate Professor Hansen, Assistant Professor Rhoads, Assistant Professor Hollister*, Assistant Professor O'Brien, Assistant Professor Winston, Assistant Professor Eddie, Assistant Professor Eriksson.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses
- Economics 101-102 or 103-104 General Economics
- Economics 301 (303) (formerly 304 (306)) The Price System
- Economics 304 (306) (formerly 301 (303)) Income, Employment and Growth
- Economics 401-402 Economic Development and Economic Systems

Parallel courses
(a) Any two of the semester courses in the 200 series
(b) Two semester courses in Economics in addition to the two chosen under (a)

The primary objectives of the major are to enrich the student's understanding of the economic facets of the contemporary world and to equip him to analyze current and emerging economic issues. The introductory course surveys broadly the major branches of modern economic theory and illustrates the application of the tools of analysis to selected current problems. The student who begins Economics as a freshman is permitted, in his sophomore year, to pursue his special interests in the various branches of applied economics by electing two semester courses from among those open to sophomores. In the required junior courses, the student will devote one term to the advanced study of the price system as a guide and regulator of economic activity, and another term to a systematic analysis of the problems of stability and growth in an advanced industrial country. The senior course enables the student to employ his skills in economic analysis in the study of the economic problems of underdeveloped countries and in the comparison and evaluation of alternative systems of national economic organization and planning in advanced countries. In addition to the required courses, the student selects two semester courses from the department's elective offering.

*On leave 1964-65
**Second semester 1964-65
AREA STUDIES

Students majoring in Economics who are undertaking a four-course Area Studies program, and who are candidates for a regular degree, may substitute one Area Studies course offered by another department for one of the (b) parallel courses. An Area Studies course in Economics may be counted as the other (b) parallel course.

THE DEGREE WITH HONORS IN ECONOMICS

Students majoring in Economics who plan to become candidates for the degree with honors may elect one of the following programs:

1. **TWO-YEAR PROGRAM OF HONORS COURSES**
   - Required sequence and (a) parallel courses, and four honors courses in Economics
   - With the consent of the department an honors course in another department may be substituted for one of the four honors courses in Economics

2. **TWO-YEAR PROGRAM OF HONORS COURSES AND THESIS**
   - Required sequence and (a) parallel courses
   - Two honors courses in Economics, and
   - Economics H451-452 Senior Honors Thesis

AREA STUDIES

Students majoring in Economics who are undertaking a four-course Area Studies program, and who are candidates for an honors degree following program (1), based on honors courses, may substitute honors credit in one Area Studies course offered by another department for one of the four honors courses in Economics. Honors credit in an Area Studies course in Economics may be counted as another of the four. Honors candidates following program (2), based on a thesis, may count honors credit in an Area Studies course in Economics as one of their two honors courses.

101-102 General Economics

Study of the principles of Economics and their application in analyzing and understanding the contemporary economic environment. Includes such topics as the corporation, markets and the price-making process, the farm problem, the distribution of income, the causes of depression and inflation, commercial banking and the Federal Reserve System, fiscal policy and national debt, and foreign trade.

*Freshman course.*

_Hours_ B, C, F, K, L

MEMBERS OF THE DEPARTMENT

O'BRIEN, EDDIE

103-104 General Economics

This special section of the course in General Economics covers the same material using mathematical methods where appropriate. The course is open to freshmen as well as upperclassmen. A prerequisite for enrollment is a knowledge of elementary calculus.

_Hours_ C, M
202 (formerly 201) The World Economy

The theory of international trade and its application to current international economic problems. Relationships between domestic income and trade, applied to the balance of payments of the United States and to the growth problems of newly developing countries. The effects of trade on economic efficiency and domestic stability. The Soviet Bloc and the consequences of the entry of these countries into the world trading system. The interdependent nature of economic policies of trading nations.

Sophomore course. Prerequisite, Economics 101-102 or 103-104.

Hours DE, MN

203 Labor Economics

The impact of U.S. social and economic environment on the structure and objectives of labor and management institutions. Wage setting and effect of collective bargaining on general wage level changes and on inter-industry and inter-regional wage structures. Role of government in labor-management relations. Impact of the organized labor movement on industrial capitalism in a democracy.

Sophomore course. Prerequisite, Economics 101-102 or 103-104.

Hours AB, DE

205 (formerly 202) Public Expenditure and Finance

Economic function of public expenditures and taxes in the American economy. Theory and practice in efficiently providing public services and investments in such areas as national defense, resource development, education, highways. Public finance in a federal system of government. Tax and expenditure policy to alleviate poverty and insecurity and to promote equity and equality of opportunity. Incidence, shifting and incentive effects of the U.S. tax system.

Sophomore course. Prerequisite, Economics 101-102 or 103-104.

Hours DE, MN

208 (formerly 204) Modern Corporate Industry


Sophomore course. Prerequisite, Economics 101-102 or 103-104.

Hours AB, DE
[211 (formerly 309)  Urban and Regional Economics (Not offered 1965-66.)

Development of contemporary U.S. economic regions and metropolitan areas. Patterns and determinants of regional and metropolitan growth. Relationships between regions and their urban areas. Topics selected from the following: location of jobs and industry in regions and metropolitan areas; transportation and regional and urban structure; determinants of regional and urban land use; urban slums, racial discrimination, and urban renewal; government and public finance in regions and cities; problems of public planning in regions and cities; regional and urban growth in Europe.

Sophomore course. Prerequisite, Economics 101-102 or 103-104.

Hour 214 European Economic History

The economic organization of pre-industrial societies in Europe as background for the spread of industrialization. Economic growth and transition, with the primary focus on comparative study of the process of economic development in such countries as Great Britain, France, Germany, Italy, Sweden, and Russia. Inflation, autarchy, and the economic problems of nationalism in the wake of the first World War. World War II and the move toward reintegration. The lessons to be drawn from European experience.

Sophomore course. Prerequisites, Economics 101-102 or 103-104.

Hour 215 (formerly 312) Economic Development of the United States

Basic economic theory will be used to gain insights into the development process as it evolved in the United States, the nature of the accomplishment, the problems created by development, and the measures taken by the American people to meet those problems. Topics studied will include the great transition from agriculture to industrialization; the concentration movement and changing nature of markets; the evolution of fiscal and monetary policy; changes in the distribution of income and the nation's approach to problems of inequality, poverty and personal insecurity; and the changing nature of the U.S. role in the world economy.

Sophomore course. Prerequisite, Economics 101-102 or 103-104.

Hour 301 (formerly 304) The Price System

The role of price in guiding the economic system. Examination of types of market organization, and price and production practices in various sectors of the U.S. economy. Strengths and weaknesses of the free market as a device for promoting economic welfare. Forces determining the level of wages, profit, interest, and rent.

Junior course. Prerequisite, Economics 101-102 or 103-104.
Economics

303 (formerly 306) The Price System
This is a section of Economics 301 for students whose previous work in Economics has been of superior quality.
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour AB

304 (formerly 301) Income, Employment and Growth
The determinants of national income, employment, price level, and rate of growth in the economic system. Includes analysis of consumption and saving, factors affecting private investment, the growth process, prosperity and depression, the role of money, interactions between money and national income. Implications for public policy.
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hours AB, DE

306 (formerly 303) Income, Employment and Growth
This is a section of Economics 304 for students whose previous work in Economics has been of superior quality.
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour AB

313 (formerly 314) Money and Finance
The influence of money and finance on levels of national income, prices and employment. Evolution of U. S. banking and credit systems. Supply of and demand for money and non-monetary financial assets. The relation of international finance to domestic money and securities markets. Monetary theory and policy for stabilization and growth.
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour JK

329 (formerly 332) Economic Development of Latin America
Progress and problems of economic development in Latin America. Analysis of land reforms, movements toward regional economic integration, supply and demand for major export commodities, inflation in relation to political-economic structure and government fiscal-monetary policies, and programming for economic development, in selected countries. The role of the United States in Latin American economies.
Junior course. Prerequisite, Economics 101-102 or 103-104.
Hour QG
[331] The Soviet Economy (Not offered 1965-66.)


*Junior course.* Prerequisite, Economics 101-102 or 103-104.

*Hour* Kershaw

[333] Economic Development in Southeast Asia (Not offered 1965-66.)

A survey of economic characteristics and development problems of countries from India to Japan. Review of established national development plans, and consideration of possibilities and prospects for regional cooperation. Similarities and differences in approaches to agricultural and industrial development, population pressures, economic role of minorities, international trade and foreign private capital, and use of foreign aid. Special attention will be given to India, Japan, Indonesia, Malaya, and the Philippines.

*Junior course.* Prerequisite, Economics 101-102 or 103-104.

*Hour* Gates

[334] Economic Development in the Middle East (Not offered 1965-66.)

A survey of economic characteristics and development problems of countries from Egypt to Pakistan. Current status and prospects of established development plans. Similarities and differences in approaches to land use and agricultural improvement, industrialization, participation in international trade, foreign and private capital, and use of foreign aid. Special attention will be given to Egypt, Israel, Iran, and Pakistan.

*Junior course.* Prerequisite, Economics 101-102 or 103-104.

*Hour* Bruton

[336] Economic Development in Africa

A survey of the economic characteristics and development problems of sub-Saharan Africa. Current status and prospects of established development plans and policies. Comparative study of land use, agricultural policies, foreign trade, use of foreign aid, etc. Selected countries will be given individual attention.

*Junior course.* Prerequisite, Economics 101-102 or 103-104.

*Hour* Armstrong

401-402 Economic Development and Economic Systems

*First semester:* Economic theory as applied to growth problems of underdeveloped countries. The mobilization of savings and the stimulation of investment and technological improvement to break the circle of poverty, problems arising from speciali-
Economics

zation in raw material production, cultural and institutional barriers to growth, and the roles of the state and private enterprise. Studies of individual countries in Asia, Africa, and Latin America.

Second semester: Problems of advanced countries in planning their economies, whether the planning is comprehensive or slight. Promotion of growth and progress, economic stabilization, guiding the allocation of resources, improving the distribution of income. The role of the price mechanism under socialism and capitalism. Planning in the Soviet Union, Britain, and the United States.

Senior course. Required course in the major. Prerequisites, Economics 301 (303) and 304 (306).

Hours FR, JK

HONORS COURSES

H351 Econometrics (To be offered in the second semester 1965-66.)

Basic methods of bringing economic theory and factual research together to provide empirical guidance for policy formulation. Develops those modifications to formal mathematical statistics that are required by the non-experimental nature of economic data. Application of econometric methods to estimation of demand relationships; production, cost and supply aggregate economic models; the distribution of income.

Honors course for juniors and seniors. Prerequisites, Economics 101-102 or 103-104 and Mathematics 101 and 104.

Hour DE Winston

H352 Forecasting and Fiscal-Monetary Policies (Not offered 1965-66.)

Public policies designed to sustain rapid economic growth without unemployment or inflation. Includes principal techniques for short-run forecasting of business conditions, analysis of long-run economic trends, tax and expenditure adjustments for stabilization and growth, financial institutions and monetary management, general and selective anti-inflation policies.

Honors course for juniors and seniors. Prerequisite, Economics 301 (303).

Hour

H354 Labor, Management, and Public Policy (Not offered 1965-66.)

An examination of economic issues and problems associated with the rise of collective bargaining in the United States. Includes such topics as public regulation of internal union organization; industry-wide bargaining; the problem of regional, occupational, and inter-industry wage differentials; guaranteed annual wages; the issue of labor monopoly; and the government role in collective bargaining.

Honors course for juniors and seniors, more advanced than Economics 203. Prerequisites, Economics 101-102 or 103-104 and Economics 203 or consent of the instructor.

Hour
Economics

H355  *The Idea of Economic Progress* (To be offered in the second semester 1965-66.)

The evolution of modern economic ideas with emphasis on changing views of the relation of economics to human progress. The idea of progress in eighteenth century economics; the "dismal" economics of Malthus and Ricardo: the "optimistic" economics of J. S. Mill and Marx; utopian critics and reformers; neoclassical statics; Veblen and Schumpeter; Keynesian dynamics. Current views on the relation of economic growth to human welfare.

Honors course for juniors and seniors. Prerequisite, Economics 101-102 or 103-104.

Hour PF

H356  *International Economics Theory and Policy* (To be offered in the first semester 1965-66.)

Application of economic theory to international economic policy, particularly in advanced countries. Balance of payments problems, hard and soft currencies, the role of gold, international monetary equilibrium. National and international policies regarding tariffs and direct controls over trade and payments. International lending (public and private) and foreign aid. Movements toward international economic integration in Europe and the Atlantic community.

Honors course for seniors, more advanced than Economics 202. Prerequisites, Economics 301 (303), 304 (306) or, with the consent of the department, 304 (306) may be taken concurrently.

Hour PF

H357 or H358  *Current U.S. Economic Problems* (To be offered each semester 1965-66.)

Study of selected issues of current economic policy, based to a considerable extent on government documents and current periodicals. The choice of topics for investigation will be determined by current developments. Examples of possible topics are the economics of the anti-poverty programs, government aid to education, medical assistance programs, agricultural price support, foreign aid programs.

Honors course for juniors and seniors. Prerequisite, Economics 101-102 or 103-104.

Hour PF

First semester: Eddie
Second semester: Hainsworth

[H361  *Economics of National Security Policy* (Not offered 1965-66.)

National security policy in relation to the U. S. economy and to the economics of choice in defense problems. Significance of economic potential in the nuclear age, effects of defense programs on the economy, size of the defense budget. Efficiency in using defense resources, role of systems analysis, budgetary and institutional reforms. Problems of choice in deterring general war, meeting the risk of limited war, planning civil defense, negotiating arms control.

Honors course for juniors and seniors. Prerequisite, Economics 101-102 or 103-104.

Hour

Kershaw]
Economics

H363 The Economics of the Public Sector
An analysis of the tax and expenditure policies of governments as they influence economic stability, resource allocation, and income distribution. Intensive study of special subjects including: conflicting goals of fiscal policy in growing economies; problems of collective choice; rationality of the budget process; methods of changing the distribution of income; and problems in federal-state-local tax and expenditure relationships.

Honors course for juniors and seniors. Prerequisites, Economics 101-102 or 103-104 and Economics 202 or consent of the instructor.

Hour DE

[H364 Selected Topics in Economic History (Not offered 1965-66.)
An advanced course using basic economic theory and the historical method in analyzing problems of economic growth, trade and comparative development—primarily in Western Europe and the United States. Emphasis will be placed on independent work by the student. Topics covered will vary from year to year and will include such problems as the effects of being a "late-comer" to development; identification and meaning of the "take-off" in economic growth; similarities, differences and relationships between fluctuations in economic activity in different countries; comparative evolutions in industrial organization and their effects; the changing role and differential impact of international trade, migration and capital movements; and the interrelationships between reform movements and the economic growth process.

Honors course for juniors and seniors. Prerequisites, Economics 101-102 or 103-104 and Economics 214 or 215 or consent of the instructor.

Hour FR]

[H365 (formerly H359) Industrial Organization and Public Policy (Not offered 1965-66.)
Examination of problems of economic performance of American industry as they relate to organization of markets and public policy. Intensive study of difficult, recurrent and pertinent issues, for example: merger and monopolization, business ethics and collusion, patent laws, conservation, price discrimination, and monopoly policy in a Common Market. Attention is also given to policy approaches to these problems in other countries.

Honors course for juniors and seniors, more advanced than Economics 208. Prerequisites, Economics 101-102 or 103-104 and 208 or consent of the instructor.

Hour FR]

H451-452 Senior Honors Thesis
Economics

GRADUATE COURSES IN DEVELOPMENT ECONOMICS

Seniors in the undergraduate honors program may, with the permission of the department, enroll in certain graduate courses given in the Center for Development Economics (described below). The graduate courses in Development Economics open to undergraduate honors majors in Economics and Political Economy are: 503-504, 505, 506, 507, and 510. Political Economy honors majors may also take Economics 501-502 with consent of the Department of Economics.

501-502  Basic Problems of Economic Development

Economic theory in application to development policy:

Historical insights into development conditions, modern income analysis and capital requirements for growth, real aspects of inflation, the savings problem and disguised unemployment, balanced growth and other models of development strategy, social and cultural obstacles, population pressures.

Principles of a price system and criteria for choosing among market and direct controls, appropriate technology and capital intensity, agriculture and land reform, investment in social overheads, utilization of foreign assistance.

Cases include: comparative study of the saving problem in Japan and India, types of land reforms in diverse economic circumstances.

Hour 501-AB; 502-DE

503-504  Quantitative Programming

Statistical and accounting techniques in application to development planning:

Key quantitative issues in development programs, national accounting systems, comparative incomes and welfare, economic projections of national aggregates and individual sectors, interindustry analysis and elements of linear programming, regional planning.

Methods of project appraisal and determination of priorities, rates of return and imputed prices, analysis of multi-purpose valley projects, index numbers of price and production, demand estimates and correlation analysis, data collection and sample surveys.

Cases include: graduated problems in national accounts and interindustry analysis, economic projections for Columbia, graduated problems in statistical techniques, social return on a land reclamation project.

Hour MN

[505  Political and Administrative Aspects of Development Planning (Not offered 1965-66.)]

Political factors and conditions for active development efforts, principles of administrative organization and decision-making, technical assistance and community
**Economics**

development efforts, role of public enterprise and government relations with private firms, administration of international assistance.

*Cases include*: issues of effective public administration in India, Viet Nam, Pakistan, and Bolivia.

*Hour JK*

506 *Financial Aspects of Development (To be offered in the first semester 1965-66.)*

The role of public finance and expenditure in development programs, revenue, equity and incentive aspects of specific tax instruments; fiscal and monetary theory; banking and financial institutions; inflation; coordinated financial policies to promote economic growth while maintaining internal and external stability.

*Hour DE* Armstrong

507 *International Trade and Development*

Historical significance of trade and capital movements, comparative advantage for economies in dynamic disequilibrium, the balance of payments and adjustment mechanisms and policies, international trade and development priorities, terms of trade and commodity price stabilization, customs unions, role of foreign capital and international assistance.

*Cases include*: stabilization of prices in particular commodity markets; common markets in Africa and Latin America.

*Hour JK* Power

508 *Research Seminar in Development Economics*

The central feature of this course is a substantial piece of independent work that permits the student to pursue a special topic of interest to him. Normally the final product in this course is a written report or research paper prepared in the light of the economic principles examined in the entire graduate study program.

*Hour JK* O'Brien, McCleary

510 *The Economics of Development Planning*

This course examines the various aspects of the making and implementing of development plans and policies. Such topics as internal consistency, size, use of the price system, role of foreign trade and aid, extent of government participation, administrative methods of implementation, etc., are included. These topics are examined by studying specific development plans and policies currently pursued in the developing countries.

*Hour AB* Clark
ENGLISH (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor F. H. Stocking

Professor Allen, Professor Mansfield, Professor Stocking, Professor Hunt,
Poet in Residence and Lecturer Smith*, Associate Professor Gifford**,
Associate Professor Megaw, Visiting Associate Professor Foster,
Associate Professor MacShane, Visiting Assistant Professor Holdor,
Assistant Professor Samuels*, Assistant Professor Grauer, Mr. Logan,
Mr. Shoenberg, Mr. Stevens, Mr. Amis, Mr. Baumgarten, Mr. Wilson, Mr. Glasser.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101, 102</td>
<td>Literary Analysis</td>
</tr>
<tr>
<td>English 201-202</td>
<td>English Literature of the Sixteenth and Seventeenth Centuries</td>
</tr>
<tr>
<td>English 301-302</td>
<td>English Literature of the Eighteenth and Nineteenth Centuries</td>
</tr>
<tr>
<td>English 401-402</td>
<td>English Literature of the Nineteenth and Twentieth Centuries, and Special Assignments</td>
</tr>
</tbody>
</table>

Parallel courses

Two semester courses in English or Comparative Literature.

The English major emphasizes the study of literature as an art. The first semester of the freshman course analyzes the ways in which language works when it is used for the purpose of artistic expression. The method of analysis taught in this semester is fundamental to all other courses offered by the department. The second semester provides an introduction to later courses in the major sequence by applying this method of analysis to the work of fine writers who are important in the historical development of English Literature: Shakespeare, Milton, Pope, and Keats.

The sophomore and junior sequence courses study the historical development of English literature from the sixteenth century to the end of the nineteenth century. In these courses the analytical technique taught in the freshman course is combined with a study of the historical or biographical facts behind works of literature, and of the philosophic ideas and literary traditions of the periods in which they were written.

The senior sequence course deals with major writers of the late nineteenth and twentieth centuries; in addition, there are special assignments which serve both to review and to deepen the understanding of the works already studied in the major sequence.

Students who are planning to major in English should take English 201-202 (the major sequence course) in their sophomore year. It is possible, however, for students who take English 207, 208—American Literature (the alternative sophomore course)

*On leave 1964-65
**On sabbatical leave second semester 1964-65
—to begin the English major in their junior year by taking English 201-202 concurrently with English 301-302. English 207, 208 may be offered as required parallel courses.

American Literature Alternative

Beginning with the class of 1967 an alternative form of the English major will be available to those students who are particularly interested in American studies.

Sequence courses
- English 101, 102 Literary Analysis
- English 207, 208 American Literature

Either
- English 201-202 English Literature of the Sixteenth and Seventeenth Centuries
- or English 301-302 English Literature of the Eighteenth and Nineteenth Centuries

English 403-404 (Alternative form of the senior course, with emphasis on American Literature, to be offered in 1966-67)

Parallel courses
Two semester courses in English, American, or Comparative Literature. (NOTE: English 201-202 or 301-302, if not taken as sequence courses, may be taken as parallel courses.)

THE DEGREE WITH HONORS IN ENGLISH

English majors who are accepted as candidates for the degree with honors take one of the two following programs:

(1) Two-Year Program of Honors Courses

Junior year
- Junior sequence courses
- One honors course each semester

Senior year
- English 401-402 English Literature of the Nineteenth and Twentieth Centuries, and Special Assignments or
- English 403-404 Special senior course with emphasis on American Literature (To be offered for the first time in 1966-67)
- One honors course each semester

(2) Two-Year Program of Honors Courses and Thesis

Junior year
- English 301-302 English Literature of the Eighteenth and Nineteenth Centuries
- One honors course each semester

Senior year
- English 401-402 English Literature of the Nineteenth and Twentieth Centuries, and Special Assignments or
English 403-404 Special senior course with emphasis on American Literature (To be offered for the first time in 1966-67)
English H451-452 Senior Honors Thesis

A student who enters the honors program takes the same major sequence courses as other students, but he is excused from the requirement of taking, in addition, two semesters of parallel courses. Instead, he either takes four honors courses, or takes two honors courses and writes a thesis. At the end of the senior year those honors students who have not written a thesis take not only the same major examination as other students, but a special honors examination.

The honors courses supplement the major sequence and the parallel courses by studying works of English literature and of foreign literature, most of which are not studied in the other courses offered by the department. They differ from the regular courses not so much in the quantity of work as in the kind or quality of work that is expected. The honors student is encouraged, in these courses, to follow his independent interests and to write papers which demand a more thorough knowledge of a subject than is required by most of the papers written in the regular courses.

One form of honors course offered by the English Department is the Honors Variant of a regular course. Students enrolled in an Honors Variant of a regular course will take the final examination and attend regular class meetings. They will, however, substitute independent projects for some of the required work and will attend special meetings arranged for the Honors students throughout the semester.

The department thinks that for most students program (1)—four honors courses—is the more satisfactory of the two honors programs. But an honors student who has a strong interest in a particular subject and who, in the opinion of the department, will profit from writing a thesis, may elect program (2). A student who plans to write an honors thesis should, if possible, elect an honors course which is related to the subject of his thesis in the second semester of his junior year.

101, 102 Literary Analysis

First semester: An introduction to the logical methods used in the critical analysis of literature. Analysis of poems, short stories, a novel, and plays which illustrate the variety of techniques used in these literary forms.

Second semester: Analysis of works by three or four major writers.

Freshman course.

Hours A, B, C, D, F, G, J, K, L, M Occasional lectures G Wed. or F Fri.

Members of the Department

201-202 English Literature of the Sixteenth and Seventeenth Centuries

A study of the major writers and literary traditions of Elizabethan and seventeenth century England, with special emphasis on their relation to contemporary social, philosophic, and aesthetic patterns of thought.
Sophomore course. Designed primarily for students intending to major in English. Prerequisite, English 101. Sophomores registering for this course may also register for an upperclass elective; see the statement on special opportunities in the sophomore year (page 42).

Hours  C, DE, FR, JK, PF  Occasional lectures G Wed.

STOCKING AND MEMBERS OF THE DEPARTMENT

207, 208  American Literature

A chronological study of nineteenth and twentieth century American literature. The course concentrates on major works of principal writers: Emerson, Hawthorne, Melville, Whitman, Mark Twain, Henry James, Dreiser, Pound, O’Neill, and Faulkner.

Sophomore course. Prerequisite, English 101.

With the consent of the department this course may be counted as a parallel course in the English major.

Hours  AB, DE, GS, JK, MN, PF, QG  Occasional lectures G Wed. or F Fri.

MANSFIELD, GIFFORD, MACSHANE, SAMUELS, HOLDEN, BAUMGARTEN, GLASSER

301-302  English Literature of the Eighteenth and Nineteenth Centuries

Major writers and literary traditions of the neoclassical, romantic, and Victorian periods in English Literature.

Junior course. Prerequisite, English 101.

Hours  DE, MN  Occasional lectures G Wed. First semester: ALLEN, BAUMGARTEN

Second semester: LOGAN, SHOENBERG, WILSON

311  Chaucer

Reading in the works of Chaucer with emphasis on the Canterbury Tales and Troilus and Criseyde. (Honors variant: see below under Honors courses.)

Junior course. Prerequisite, English 101.

Hour  L  ALLEN

312  Modern Drama

Readings in major Continental, English, Irish, and American drama from Ibsen to Beckett, Genet, and other contemporary playwrights. Brief consideration of the film as a form of modern drama. A lecture course.

Junior course. Prerequisite, English 101 or any foreign language course involving a study of the drama.

Hour  JK  MEGAW
313 The Eighteenth Century English Novel
Prose fiction of the eighteenth century. Reading and analysis of novels by Defoe, Richardson, Fielding, Smollett, Sterne, and Jane Austen. (Honors variant: see below under Honors courses.)
Lectures and discussion.
Junior course. Prerequisite, English 101.
Hour FR GRAVER

314 The English Novel: Hardy to the Present Day
Reading of representative works of the principal novelists of the twentieth century. Reading and analysis of novels by such writers as Conrad, Virginia Woolf, Lawrence, and Huxley.
Lectures and discussion.
Junior course. Prerequisite, English 101.
Hour FR GRAVER

316 Studies in Modern Poetry
An intensive investigation of the poetry of William Butler Yeats and Wallace Stevens. (Honors variant: see below under Honors courses.)
Junior course. Prerequisite, English 101.
Hour GS HOLDER

317 Shakespeare: Six Plays (Offered 1965-66; not to be offered 1966-67.)
An intensive study of a small group of plays, designed to provide a closer view of Shakespeare's workmanship. Also examined are Shakespeare's sources and the more important critical interpretations of these plays. (Honors variant: see below under Honors courses.)
The plays for 1965-66 are The Taming of the Shrew, The Merchant of Venice, Much Ado About Nothing, Measure for Measure, Cymbeline, and The Tempest.
Junior course. Prerequisite, English 101. Not open to students who have had English 315.
Hour JK MEGAW

318 Tudor and Stuart Drama
A study of the evolution of English drama from the middle of the fifteenth century to the closing of the theaters in 1642. Special emphasis will be placed on works by the following dramatists: Kyd, Marlowe, Dekker, Shakespeare, Jonson, Middleton, Webster, and Ford.
The honors variant will deal with the relationships between Shakespeare and his Tudor-Stuart contemporaries. (Honors variant: see below under Honors courses.)
Junior course. Prerequisite, English 101.
Hour PF SHOENBERG
320  *Twentieth Century American Novels*

An intensive study of major twentieth century American novels.

*Junior course.* Prerequisite, English 208.

*Hour* AB

*Samuels*

322  *From Realism to Naturalism*

An intensive study of both the art and the criticism of American prose fiction in the period 1865-1914. The study will cover two generations of writers, that of William Dean Howells, John William DeForest, Mark Twain and Henry James, and that of Stephen Crane, Frank Norris and Theodore Dreiser. (Honors variant: see below under Honors Courses.)

*Junior course.* Prerequisite, English 101.

*Hour* JK

*Gifford*

323  *Modern Literary Criticism* (Not offered 1965-66.)

An intensive study of both theory and practice in English and American literary criticism from the eighteenth century to the present, with emphasis on contemporary critical writing. (Honors variant: see below under Honors courses.)

*Junior course.* Prerequisite, English 101.

*Hour* PF

325  *The American Renaissance* (Not offered 1965-66; to be offered 1966-67.)

Advanced study of literature in pre-Civil War America, with some attention to continental and English as well as American literary backgrounds. The course includes works of minor writers and concentrates on New England Transcendentalism and on the works of Poe, Hawthorne, Melville and Whitman. (Honors variant: see below under Honors Courses.)

*Junior course.* Prerequisite, English 207.

*Hour* GS

*Mansfield*

327  *The Nineteenth Century English Novel*

An examination of approximately ten works representative of such major English novelists of the Victorian period as Thackeray, the Brontës and Hardy. Special emphasis on Dickens and George Eliot. (Honors variant: see below under Honors courses.)

*Junior course.* Prerequisite, English 101.

*Hour* PF

*Shoenberg*
329 Colonial American Letters

This study of seventeenth and eighteenth century writing in America will be approached primarily in terms of the history of ideas. The course will include readings in English and Continental literatures in the interest of clarifying colonial dependence on, and modification of, the climate of ideas in Western Europe. (Honors variant: see below under Honors courses.)

Junior course. Prerequisite, English 101.

Hour AB Gifford

331 American Prose of the Nineteenth and Twentieth Centuries

Discussion and analysis of the major non-fictional prose genres such as biography, criticism, history and travel writing. The ideas and issues upon which these works depend will be assessed and the relationship of the writers to the intellectual currents of their times defined. Chief emphasis will be placed on the work of such writers as Francis Parkman, William and Henry James, Henry Adams, Mark Twain and James Baldwin. The course will focus on the study of the American writer as a critic of his culture. (Honors variant: see below under Honors courses.)

Junior course. Prerequisite, English 101.

Hour QG Baumgarten

368 Studies in Victorian Literature

Analysis of major writings in relation to the intellectual issues which were debated in the Age of Victoria. Chief emphasis will be placed on the prose writings of such authors as Carlyle, Mill, Huxley, Macaulay, Ruskin, Walter Bagehot, Arnold, and Pater. (Honors variant: see below under Honors courses.)

Junior course. Prerequisite, English 101.

Hour AB Graaver

Comparative Literature 302 Dante

Dante's Vita Nuova and Divine Comedy. Introductory study of poems of the Provencal troubadours and of Cavalcanti.

Readings will be done in translation. (Honors variant: see under English Honors Courses.)

Junior course. Prerequisite, English 101 or any literature course in a foreign language.

Hour C Hunt
English Literature of the Nineteenth and Twentieth Centuries, and Special Assignments

A study of major writers of the late nineteenth and twentieth centuries, with special assignments which provide review of the works studied in the major sequence.

Senior course. Required course in the major. This course may be elected for single credit by non-majors. Prerequisite for single credit, English 101.

Hours DE, MN Occasional lectures G Wed.

First semester: Stocking, Hunt, Logan
Second semester: Stocking, Hunt, MacShane

[403-404 Senior course for those majoring in English with emphasis on American Literature. To be offered for the first time in 1966-67.]

HONORS COURSES

NOTE: One form of honors course offered by the English Department is the Honors Variant of a regular course. Students enrolled in an Honors Variant of a regular course will take the final examination and attend regular class meetings. They will, however, substitute independent projects for some of the required work and will attend special meetings arranged for the Honors students throughout the semester.

Because enrollment in all honors courses is limited, students should register for at least two each semester and indicate their order of preference.

H311 Chaucer (Honors variant)
H313 The Eighteenth Century Novel (Honors variant)
H316 Studies in Modern Poetry (Honors variant)
H317 Shakespeare: Six Plays (Honors variant)
H318 Tudor and Stuart Drama (Honors variant)
H322 From Realism to Naturalism (Honors variant)
[H325 The American Renaissance (Honors variant) (Not offered 1965-66.)]
H327 The Nineteenth Century Novel (Honors variant)
H329 Colonial American Literature (Honors variant)
H331 American Prose of the Nineteenth and Twentieth Centuries (Honors variant)
H368 Studies in Victorian Literature (Honors variant)
Comparative Literature H302 Dante (Honors variant)

H351 Introduction to Advanced Literary Studies

A problems course for students beginning independent advanced work in literature.

The aims, methods, and materials of literary study are examined in a series of interrelated exercises. These include: editing older texts and comparing modern
editions; assessing the degree of distortion of a poet by his representation in an an­
thology, and of a literary period by its representation in an academic course; descrip-
tion of prose styles and analysis of prose argument; comparison of leading histories of
English criticism; and a language-laboratory consideration of the alleged impossibility
of translation. Problems in comparative evaluation and a final research and criti­
cism project conclude the course with questions about the fundamental values of
literary experience.

Some meetings may be held jointly with Art H353.

Honors course for juniors and seniors. Prerequisite, English 101.

Hour GS

H353 Studies in the American Novel

Intensive investigation of a major American novelist or of a major critical issue in

Honors course for juniors and seniors. Prerequisite, English 101.

Hour GS

Samuels

[H356 Literature and the Arts in Eighteenth Century England (Not offered 1965-66.)

Studies in the literature of the eighteenth century in the context of English creative
activity in other arts, particularly architecture and painting.

Honors course for juniors and seniors. Prerequisite, English 101.

Hour

Allen]

H362 The Techniques of Modern Fiction

A consideration of the techniques of contemporary fiction with emphasis on the
impressionist and post-impressionist writers of England and America. Novelists
read will include James, Conrad, Ford and Lawrence as well as others of the present
day.

Honors course for juniors and seniors. Prerequisite, English 101.

Hour FR

MacShane

H365 Masters of Prose Fiction

Studies in romance, realism, and satire as they appear in prose fiction before 1740.
Among the authors read are Apuleius, Lucian, Malory, Rabelais, Nashe, Sidney,
Cervantes, and Defoe. Some attention will be given to the intellectual and social
milieu of these authors, and to their influence on the development of the art of
prose fiction.

Honors course for juniors and seniors. Prerequisite, English 101 or any language
course involving a study of the novel.

Hour QG

Allen
English, Creative Writing

[H366  Swift and His Circle (Not offered 1965-66.)

Studies in Swift's major and some of his minor works, with emphasis on the interplay of ideas between him and some of the principal writers of his time as it is revealed in such works as The Battle of the Books and A Tale of a Tub. The course will trace Swift's personal, intellectual and literary associations with a number of his friends, including among others Sir William Temple, Addison and Steele, Pope and Gay, Arbuthnot and Bolingbroke. Their literary personalities will be explored and some of their principal works will be studied critically.

Honors course for juniors and seniors. Prerequisite, English 101.

Hour  Allen

H376  Tragedy and Comedy

Readings in drama from Aeschylus and Aristophanes to Giraudoux, O'Neill, and Ionesco, with consideration of various theories of tragedy and comedy. Students elect an emphasis on tragedy, comedy, or the theory of dramatic genres, and work partly within these groups, partly with the entire class, and partly independently. Both separate and joint class discussions will be held.

Honors course for juniors and seniors. Prerequisite, English 101 or any foreign language course involving a study of the drama.

Hour  QG  Megaw

H451-452  Senior Honors Thesis

Honors course for seniors planning to submit thesis in partial fulfillment of the requirements for the degree with honors.

Prerequisite, two honors courses.

American Civilization H354  American Literature of the Nineteen-Twenties (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisite, English 101.

Hour  RS  Mansfield

CREATIVE WRITING

201, 202  Creative Writing

Practice in writing short stories, poems, or plays. Class discussion of student work and of some modern poets. Individual conferences.

Registration is limited, and a student who elects this course must, at the time of registration, submit a sample of his creative work for the consideration of the department. Freshmen with some experience in writing may qualify.

Sophomore course. Prerequisite, English 101.

Hour  GS  Glasser
301, 302 Creative Writing

Students will write, at their option, prose fiction, poetry, or plays. Individual conferences. Classwork concerned with techniques of writing and re-writing in the different forms.

Registration in this course is limited. Admission is by the consent of the department. A student wishing to elect it must, at the time of registration, submit a paper for the consideration of the department.

*Junior course.* Prerequisite, English 101.

*Hour*

Stevens

403, 404 Creative Writing

Similar to *Creative Writing 301, 302* but more advanced, with emphasis on sustained pieces of student writing.

Registration in this course is limited. Admission by the consent of the department.

*Senior course.* Prerequisite, Creative Writing 301, 302.

*Hour*

MacShane

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**FRENCH (Div. I)**

(For description of courses see under Romanic Languages)
DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor F. Foote

Professor E. L. Perry, Professor Foote, Associate Professor MacFadyen, Assistant Professor W. T. Fox.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

Geology 101-102 General Geology
Geology 201 Structural Geology
Geology 202 Mineralogy
Geology 401 Petrology
Geology 402 Geophysics and Tectonics

Parallel courses

(a) Geology 301 Paleontology
Geology 302 Sedimentology

(b) Any additional two semester courses in Geology. Chemistry 101-102 or 103-104 or their equivalent is required in the major.

The courses in the geology major are organized in such a way as to furnish: (a) a foundation for more advanced work leading to a professional career in geology; (b) a background for work in some fields of commercial activity, such as the marketing of coal, petroleum, or metals; (c) a background for the appreciation of man's evolution, heritage, and physical environment, as part of a liberal education.

Chemistry is required, and physics and mathematics are recommended as preparation for the junior and senior courses in the departmental sequence.

Students planning to become professional geologists should take courses in allied sciences in addition to the minimum requirements of the geology major. The choice of outside courses will depend on the field of geology in which they intend to specialize. Most graduate schools require Mathematics 101, 102 and either Physics 101-102 (103-104) or Biology 101-102. In some cases higher courses are recommended. Ordinarily a reading knowledge of French or German is required for the M.A. degree, and both are required for the Ph.D.

Freshmen taking Geology 101-102, planning to major in geology, are expected to take an additional course in one of the above sciences during freshman year. All prospective majors should plan their course programs with a member of the geology department as early as possible in their college career.
THE DEGREE WITH HONORS IN GEOLOGY

Geology majors who are accepted as candidates for the degree with honors will take the regular sequence courses: Geology 101-102, 201, 202, 401, 402 and the required parallel courses: Geology 301, 302. In addition, candidates will elect either

(a) Four single semester honors courses, namely, Geology H353, H354, H453, and H454 or

(b) Two single semester honors courses, Geology H353 and H354 and the senior thesis Geology H451-452

101-102 General Geology

An integrated year course in physical and historical Geology. The following topics are considered: earth structure; earthquakes; igneous activity; relative and absolute age determinations; past and present activity of rivers, glaciers, and oceans; sedimentation; mountain building; ore deposits, coal and petroleum; soils.

Emphasis is placed on the study of regional case histories selected so as to illustrate the interrelation of several phases of Geology. Independent study of minerals, rocks, fossils, topographic and geologic maps.

Three lectures, one conference a week, and one full-day field trip each semester.

Freshman course. Requires no previous study of Geology.

Hour M

E. L. Perry, Foote, W. T. Fox

201 Structural Geology

Analysis of geologic structures including faults, joints, folds, and secondary foliation. Reading and interpretation of topographic and geologic maps. Applications of the stereonet. Field work in elementary cartography and use of the Brunton compass.

Lectures and discussions, three hours a week; laboratory work, three hours a week.

Sophomore course. Prerequisite, Geology 101-102.

Hour C Lab. section: Mon.

E. L. Perry

202 Mineralogy

Elementary crystallography and mineralogy; the development of crystal forms; elements of crystal chemistry; sight identification, origin, and distribution of common rock-forming and ore minerals; introduction to petrographic microscope.

Lectures and discussions, three hours a week; laboratory work, three hours a week.

Sophomore course. Prerequisite, Geology 101-102. Students taking Geology 202 must have taken, or be taking concurrently, a course in college chemistry.

Hour C Lab. section: Mon.

Foote

203-204 Economic Geology

The geology and geography of the important mineral raw materials such as coal, petroleum, building materials, iron, manganese, gold, and the problems connected with soils, soil erosion, floods, water supply, etc. Applications of the study of mineral resources to the social sciences are indicated.
Geology and Mineralogy

**Sophomore course.** Prerequisite, Geology 101-102. With the permission of the department either semester may be taken separately.

**Hour D**  
*First semester: Foote*  
*Second semester: E. L. Perry*

301 **Paleontology**

A study of fossil invertebrates, their classification, evolution, distribution and associations (paleoecology). Introduction to quantitative methods as applied to the species concept and to analysis of faunal assemblages. One all-day field trip to the Helderberg area.

Lectures and discussions, three hours a week; laboratory work, three hours a week.  
*Junior course.* Prerequisite, Geology 101-102.  
*Hour J K Mon., Wed. Lab. section: Th.*  
W. T. Fox

302 **Sedimentology**

A study of the geologic processes and agents which form, transport and deposit sediments; interpretation of the resulting sedimentary rocks. Laboratory work on the mineralogy and properties of sedimentary particles and the mass properties of sedimentary rocks. One all-day field trip to study the Triassic sequence of the northern Connecticut Valley.

Lectures and discussions, three hours a week; laboratory work, three hours a week.  
*Junior course.* Prerequisites, Geology 101-102 and Geology 202 taken either earlier or concurrently.  
*Hour J K Mon., Wed. Lab. section: Th.*  
W. T. Fox

401 **Petrology**

A study of the origin, emplacement and crystallization of magmas; applications of the phase rule to the origin of rock-forming minerals; the classification and identification of igneous rocks; the principles of metamorphism and metamorphic facies; the identification of metamorphic rocks; the use of the petrographic microscope in the interpretation of rocks. Field work and plane table mapping during the fall season.

Lectures and discussion, three hours a week; laboratory, three hours a week.  
*Senior course.* Required course in the major. Prerequisites, Geology 201, 202 and 302.  
*Hour K Lab. section: Wed.* Field work Monday, including two days in September before the opening of college.

402 **Geophysics and Tectonics**

A systematic study of the physics and chemistry of the earth's interior with particular emphasis on the contributions made by seismology, measurements of gravity, heat flow, and terrestrial magnetism. These studies serve as a basis for the considera-
tion of various hypotheses of mountain building and the origin of continents and
ocean basins.

Senior course. Required course in the major. Prerequisite, Geology 401.

Hour

403 Stratigraphy

The study and interpretation of stratified rocks and their associated fossils, with
emphasis on the techniques of correlation and mapping of facies. Case studies of
representative regions. Field study of the stratigraphy of the Helderberg region,
New York.

Senior course. Prerequisites, Geology 301, 302.

Hour AB

404 Geology of North America

A systematic study of the geological provinces of North America and the bordering
ocean basins, with special emphasis on the history of geosynclines.

Senior course. Prerequisite, Geology 201.

Hour

HONORS COURSES

H353 Studies in Structural Geology

Experimental work and theory applied to rock deformation. Such topics as high
pressure experiments, the theory of fracture, the statistical analysis of complex areas,
and use of dynamic scale models will be discussed.

Honors course for juniors and seniors. Prerequisite, Geology 201.

Hour JK Lab. section: Tu. Perry

H354 Quantitative Methods in Geology

Introduction to the techniques of sampling and the application of statistical methods
to various fields of Geology including geomorphology, paleontology, sedimentation,
and petrology.

Honors course for juniors and seniors. Prerequisite, Geology 101-102.

Hour AB W. T. Fox

H451-452 Senior Honors Thesis
**Geology and Mineralogy, German**

**H453  Stratigraphic Analysis**

To be taken by honors candidates instead of Geology 403; follows the same general program as the latter, but with special field work, independent laboratory work and conferences.

*Senior honors course.* Prerequisites, Geology 301, 302.

*Hour* AB

**H454  Geology of North America**

To be taken by honors candidates in place of Geology 404; follows the same general program as the latter, but a detailed investigation and report on some specific area is required.

*Senior honors course.* Prerequisite, Geology 201 and 403 or H453.

*Hour*

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**GERMAN (Div. I)**

**Departmental Staff for 1964-65**

*Chairman, Associate Professor H. P. Hanson*

*Acting Chairman, Professor W. H. Root*

Professor Root, Associate Professor Hanson*, Assistant Professor deKeyserlingk, Assistant Professor Silas, Mr. Mendum.

**COURSES OF INSTRUCTION 1965-66**

**MAJOR PROGRAM**

*Sequence courses*

- German 107-108  Introduction to German Literature*
- German 201  German Romanticism
- German 202  German Realism
- German 401-402  Studies in German Literature

*(In special cases and with departmental permission German 103-104, Intermediate German, may be offered as the first sequence course.)*

*Parallel courses*

- German 203  Enlightenment and Storm and Stress
- German 204  Weimar Classicism
- German 205  German Naturalism, Impressionism, and Expressionism
- German 206  Modern German Literature

**NOTE:** Students permitted to count German 103-104 in the major sequence may count German 107-108 as two semester parallel courses.

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*On sabbatical leave 1964-65*
Relations between the various periods and with other literatures are emphasized throughout, but the greater part of the major examination is based upon the development of German literature since the beginning of the eighteenth century.

**THE DEGREE WITH HONORS IN GERMAN**

Eligible students majoring in German who plan to become candidates for the degree with honors may do so by electing one of the following two programs in addition to two of the parallel courses listed above:

(1) **Two-year program of honors courses**

*Junior year, first semester*

German 201  German Romanticism  
The honors course offered in Comparative Literature:  
Studies in Continental Literature for the given semester

*Junior year, second semester*

German 202  German Realism  
The honors course offered in Comparative Literature:  
Studies in Continental Literature for the given semester

*Senior year, first semester*

German 401  Studies in German Literature  
The honors course offered in Comparative Literature:  
Studies in Continental Literature for the given semester

*Senior year, second semester*

German 402  Studies in German Literature  
The honors course offered in Comparative Literature:  
Studies in Continental Literature for the given semester

(2) **Two-year program of honors courses and thesis**

*Junior year, first semester*

German 201  German Romanticism  
The honors course offered in Comparative Literature:  
Studies in Continental Literature for the given semester

*Junior year, second semester*

German 202  German Realism  
The honors course offered in Comparative Literature:  
Studies in Continental Literature for the given semester

*Senior year, first and second semesters*

German 401-402  Studies in German Literature  
German H451-452  Senior Honors Thesis

In the honors courses special emphasis is placed on training in critical methods; the student is given an opportunity to pursue individual study along the lines of his particular interest.
101-102 Elementary German

Grammar, comprehension of written and oral German.
The class meets four hours a week in the first semester and three hours a week in the second. But in addition, as part of their preparation, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

*Freshman course.* For students who have studied less than two years of German in secondary school.

*Hours first semester:* L Mon., Fri., Conference Sections 1 and 2: C Tu. and F Wed.
*Hours second semester:* C, L
Section 3: L Wed. and P Th.

**SILAS, MENDUM**

103-104 Intermediate German

Reading of graded prose. Reading and interpretation of one or more representative classical or modern works.

At the discretion of the instructor, students who show need for special oral training may be assigned two half-hour periods per week in the Language Practice Laboratory.

*Freshman course.* Prerequisite, German 101-102 or two years of German in secondary school.

*Hours* A, C, L

**SPAETHLING, SILAS, MENDUM**

107-108 Introduction to German Literature

Study of selected works of Lessing, Goethe, Schiller, and Heine and of the most important phases in the development of modern German literature, including works of Thomas Mann, Hauptmann, or others.

*Freshman course.* Prerequisite, German 103-104 or three or more years of German in secondary school.

*Hours* A, M

**ROOT, SPAETHLING, MENDUM**

201 German Romanticism

A study of the Romantic school and its achievements in the lyric, drama, and prose narrative. Reading of selected works of Brentano, Tieck, Novalis, Kleist, and other representative Romantic authors.

*Sophomore course.* Prerequisite, German 107-108 or advanced placement credit in German literature. Open also to freshmen of high achievement who offer four years of secondary school German.

*Hour* FR

**SPAETHLING**
202 German Realism

A study of the development of nineteenth century German realism from Junges Deutschland through Poetic Realism. Reading of representative lyric, dramatic, and narrative works of the period.

Sophomore course. Prerequisite, German 107-108 or advanced placement credit in German literature. Open also to freshmen of high achievement who offer four years of secondary school German.

Hour JK Mon., Wed.

203 Enlightenment and Storm and Stress (Not offered 1965-66; to be offered 1966-67.)

A study of the development of German literature from the mid-eighteenth century to Weimar Classicism. Reading and critical analysis of representative works of Herder, Lessing, the young Goethe and Schiller and others.

Sophomore course. Prerequisite, German 107-108.

Hour QG

204 Weimar Classicism (Not offered 1965-66; to be offered 1966-67.)

A study of the literary achievements and intentions of Goethe and Schiller and their associates in Weimar between 1775 and 1832. Reading and analysis of selected works.

Sophomore course. Prerequisite, German 107-108.

Hour QG

205 German Naturalism, Impressionism, and Expressionism (Offered 1965-66; not to be offered 1966-67.)

A study of German literary development from the rise of Naturalism to the post-war literature of the 1920's with special emphasis on the historical background of the period. Reading of representative works in the lyric, drama, and prose narrative.

Sophomore course. Prerequisite, German 107-108.

Hour QG

206 Modern German Literature (Offered 1965-66; not to be offered 1966-67.)

A study of German literature from the late 1920's to the contemporary era. Reading of selected works of Kafka, Rilke, and other representatives of the period.

Sophomore course. Prerequisite, German 107-108.

Hour QG
German

401-402 Studies in German Literature

First semester: An intensive examination—in the original—of representative texts from the Middle Ages through the seventeenth century.

Second semester: A study of selected nineteenth and twentieth-century works representative of the nature and historical causes of the major trends in modern German literature. Critical analysis and integration of this reading with the other departmental courses.

Senior course. Required course in the major. Prerequisite, German 201, 202 or 203, 204.

Hour GS

HONORS COURSES

[Comparative Literature H353 Studies in Continental Literature: The Enlightenment (Not offered 1965-66; to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE]

[Comparative Literature H354 Studies in Continental Literature: Baroque Literature (Not offered 1965-66.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE PÉREZ]

[Comparative Literature H355 Studies in Continental Literature: Manifestations of Romanticism (Not offered 1965-66; to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE]

Comparative Literature H356 Studies in Continental Literature: Naturalism (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or German 107-108 or Spanish 107-108.

Hour DE ROOT

Comparative Literature H357 Studies in Continental Literature: Existentialism in Literature (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE SAVACOOL
H451-452 Senior Honors Thesis

Individual study in the field of the candidate's special interest, culminating in the honors thesis.

Prerequisite, two semester honors courses.

Members of the Department

GREEK (Div. I)

(For description of courses see under Classics)

HISTORY (Div. II)

Departmental Staff for 1964-65

Chairman, Professor R. C. L. Scott*
Acting Chairman, Professor R. G. L. Waite**

Professor Harper, Professor Mansfield***, Professor Scott*, Professor Waite, Professor Rudolph, Professor Mackenzie, Professor Newhall, Associate Professor Bastert****, Associate Professor Bahlman, Associate Professor Labaree, Assistant Professor Collins*****, Assistant Professor Oakley****, Assistant Professor Hyde, Assistant Professor Zilversmit, Assistant Professor Breiseth, Assistant Professor Fraser, Mr. Brazill, Mr. Gardner, Mr. Frost, Mrs. Brown, Mr. Smith.

Courses of Instruction 1965-66

Major Program

Sequence courses

History 101-102 (or 103-104) European Ideas and Institutions Since the Middle Ages
History 301, 302 Modern Europe: Two Centuries of Crisis
History 401-402 Social Change: Types of Revolutionary and Evolutionary Transformation

Parallel courses


(b) An additional year course or two semester courses in history.

*On sabbatical leave first semester 1964-65
**First semester 1964-65
***On leave 1964-65
****On leave second semester 1964-65
*****On leave first semester 1964-65

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The aim of the major is primarily to give a student an understanding of the history of the world in which he lives. Two main fields of history, modern Europe and the United States, are covered in History 101-102 (103-104) and History 201-202 (203-204). In the junior sequence course attention is given to selected topics in English political development and in European thought, economic development, and politics. The interrelations of the various fields of history are constantly considered in the major, and similarities and contrasts are specifically emphasized in the final sequence course. The second parallel course may be used either to intensify or to broaden the student’s knowledge of history.

**AREA STUDIES**

Students majoring in History who are undertaking a four-course Area Studies program, and who are candidates for a regular degree, may substitute one Area Studies course offered by another department for one of the (b) parallel courses. An Area Studies course in History may be counted as the other (b) parallel course.

**THE DEGREE WITH HONORS IN HISTORY**

In the first term of their junior year, all honors candidates take an honors course (H351) which covers specific subject matter and also provides training in the methods of handling historical materials, framing valid judgments, and preparing papers. Upon completion of this course, honors students elect one of the three following programs leading to the degree with honors:

1. **TWO-YEAR PROGRAM, WITH THREE SEMESTERS OF HONORS THESIS**

   **Junior year, first semester**
   - History 301 Modern Europe: Two Centuries of Crisis
   - History H351 The Era of World War I

   **Junior year, second semester**
   - History 302 Modern Europe: Two Centuries of Crisis
   - History H352 Junior Honors Thesis

   **Senior year, first semester**
   - History 401 Social Change: Types of Revolutionary and Evolutionary Transformation
   - History H451 Senior Honors Thesis

   **Senior year, second semester**
   - History 402 Social Change: Types of Revolutionary and Evolutionary Transformation
   - History H452 Senior Honors Thesis

2. **TWO-YEAR PROGRAM OF HONORS COURSES AND THESIS**

   **Junior year, first semester**
   - History 301 Modern Europe: Two Centuries of Crisis
   - History H351 The Era of World War I
**History**

**Junior year, second semester**
- History 302 Modern Europe: Two Centuries of Crisis
- Any honors course in history

**Senior year, first semester**
- History 401 Social Change: Types of Revolutionary and Evolutionary Transformation
- History H451 Senior Honors Thesis

**Senior year, second semester**
- History 402 Social Change: Types of Revolutionary and Evolutionary Transformation
- History H452 Senior Honors Thesis

(3) **Two-year program of honors courses**

**Junior year, first semester**
- History 301 Modern Europe: Two Centuries of Crisis
- History H351 The Era of World War I

**Junior year, second semester**
- History 302 Modern Europe: Two Centuries of Crisis
- Any honors course in history

**Senior year, first semester**
- History 401 Social Change: Types of Revolutionary and Evolutionary Transformation
- Any honors course in history

**Senior year, second semester**
- History 402 Social Change: Types of Revolutionary and Evolutionary Transformation
- Any honors course in history

**NOTE:** Since all the students beginning honors work in history take the same honors course (H351) in the first term of their junior year, a decision by any student concerning the election of any one of these three programs leading to the degree with honors may be regarded as tentative until the completion of the course, H351.

Honors candidates following program (1) and those in program (3) in their senior year, may take any of the department’s honors courses as one of their regular course electives.

**Area Studies**

Students majoring in History who are undertaking a four-course Area Studies program, and who are candidates for an honors degree following program (3) based on honors courses, may substitute honors credit in one Area Studies course offered by another department for one of the four honors courses in History. Honors credit
History

in an Area Studies course in History may be counted as another of the four. Honors candidates following program (2), based on two honors courses and a thesis, may count honors credit in an Area Studies course in History as one of their two honors courses.

To enable students with good academic records to gain increased flexibility in their course elections, the department of history will permit such students, with the consent of the department, to take only one semester of History 101-102 (103-104) and History 201-202 (203-204) or to take the semesters in reverse order.

101-102 European Ideas and Institutions Since the Middle Ages

A topical approach to the history of European civilization from the Middle Ages to the present. Emphasis is placed on those ideas, institutions, and developments which have helped to shape the modern world. Readings include contemporary source material, biographies, novels, and interpretive essays. One lecture and two discussion periods per week.

*Freshman course.*

**Hours**  
R Conferences AB, DE, FR, GS, JK, MN, QG  
Waite and Members of the Department

103-104 European Ideas and Institutions Since the Middle Ages: Advanced Conference Groups

These conference groups, in the first semester, are for students who have studied European history in school and for those who have had good academic records, and in the second semester as honors sections for students who have done work of a superior quality in History 101 or 103.

Students in these conference groups cover much of the material of History 101-102 but they also investigate problems and aspects of European history which go beyond the regular course work. Attendance at the weekly History 101-102 lectures is optional.

*Freshman course.*

**Hours**  
GS, JK, QG  
Waite, Oakley, Fraser

201-202 The Development of American Democracy, 1763-1900

A study of American development, with emphasis on the growth of democratic institutions, the evolution from an agrarian to an industrial society, the relation of the United States with the world, and the emergence of the United States as a leading world power in the twentieth century.

The reading in the course consists principally of biographies, period studies, and documentary material.

*Sophomore course.* Prerequisite, History 101-102 or 103-104.

**Hours**  
AB, GS, JK, QG  
Bastert, Zilversmit, Frost, Holl

These conference groups are honors sections for students whose work in History 101-102 and 103-104 has been of a superior quality.

Students in these conference groups cover some of the material of History 201-202 but they also study special aspects of American history. The conference groups meet for hour and a half discussions twice a week.

Sophomore course. Prerequisite, History 101-102 or 103-104.

Hours  FR, PF  Rudolph, Bastert, Labaree

301, 302  Modern Europe: Two Centuries of Crisis

First semester: Europe in the seventeenth century: the birth of the “modern” world—the modern state, modern science, and modern philosophy; the transformation of the Renaissance State, and the decline of the ideal of Christendom; the triumph of science and reason.

Second semester: Europe in the nineteenth century: the revolutionary impact of industrialism on state and society in Europe; the era of Restoration and the Revolutions of 1848; the evolution of democracy in England and France; the origins of the Welfare State.

Junior course. Prerequisite, History 101-102 or 103-104.

Hours  AB, JK  Hyde, Breiseth, Brazill

[303  The Diplomatic History of Modern Europe (Not offered 1965-66.)]

A survey of European international relations, 1648-1939, including such topics as the settlement of Westphalia, the primacy of France under Louis XIV, dynastic and colonial wars in the eighteenth century, rise of Napoleon, wars for national unity in Germany and Italy, the diplomacy of imperialism after 1870, rival alliances before 1914, the settlement following World War I, and international relations between two World Wars.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour

[305  History of Modern Germany (Not offered until 1967-68.)]

Main aspects of life and thought in four periods in German history: the eighteenth century, the Empire of Bismarck and Kaiser Wilhelm II, the Weimar Republic, and Hitler's Third Reich. In each of these periods the social, intellectual, and political structure of Germany is analyzed in an effort to reach conclusions regarding the “German Problem”.

Candidates for honor grades are given an opportunity to investigate some aspect of German history in which they are particularly interested.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour  M  Waite]
History

[306] The Age of Reason, 1689-1789 (Not offered 1965-66; to be offered 1966-67.)

The social and intellectual background of Western Europe during a century of absolutism, enlightened despotism and democratic revolution. The importance of the belief in reason for social and political thought, and the beginnings of the romantic reaction.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour DE

Breiseth]

307 The Heirs of Rome: Europe, Islam and Byzantium, 300-1100 (Offered 1965-66; not to be offered 1966-67.)

The disintegration of the unity of the Mediterranean world and the fortunes of the heirs of Rome. The making of Europe and the main political, economic, religious and intellectual developments in the Islamic and Byzantine worlds from their origins to the advent of the Western Crusaders.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour C

Oakley

308 Medieval and Renaissance Europe, 1100-1500 (Offered 1965-66; not to be offered 1966-67.)

The history of the main political, economic, religious, cultural and intellectual developments in Western Christendom from the launching of the Crusades to the eve of the Reformation, including such topics as the growth of the national monarchies and the appearance of representative institutions; the medieval Church and the failure of attempts to reform it; the rise of the universities, the elaboration of scholastic theologies, and the problem of the Renaissance.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour C

Oakley

[309] The Age of the Reformation (Not offered 1965-66; to be offered 1966-67.)

A study of the religious movements of the sixteenth and seventeenth centuries, of their later medieval antecedents, and of the intellectual, political, and economic forces which accompanied them. The role played by these developments in laying the foundation of modern Europe.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour DE

Oakley]

[311] Tudor and Stuart England, 1485-1714 (Not offered 1965-66; to be offered 1966-67.)

The development of "Tudor absolutism" and the collapse of Stuart absolutism; the age of Elizabeth I; the expansion of England; the growth of parliamentary power; religion, politics, and civil war; the Restoration and the growth of parties; the Glorious Revolution, and the emergence of England as a Great Power.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour Bahlman]

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History

313 Georgian and Victorian England, 1714-1914 (Not to be offered until 1967-68.)
Whig supremacy and the Augustan Age; the growth of Empire; the reign of George III and the impact of the American and French Revolutions; conservative, liberal, and radical reform in the nineteenth century; the old and new empires; the Irish problem; the growth of democracy and the Welfare State.

Junior course. Prerequisite, History 101-102 or 103-104.
Hour MN BAHLMAN

314 Studies in African History
The intent of the course is to acquaint the student with three areas of Africa—the Western Sudan, the Upper Nile Basin, and East Africa. The course investigates the history, the culture and institutions of the African tribes inhabiting these areas from the Middle Ages to the present and surveys the impact of Arab and later European cultures upon them.

Junior course. Open to sophomores by petition. Prerequisite, History 101-102 (103-104) or Political Science 101-102 (103-104).
Hour M MOUTAFAKIS

315 American Social Thought and Action, 1750-1876
American social thought and action from the Colonial period through the Civil War era: European and American background of late eighteenth century American thought and institutions, the decline of aristocracy and the rise of social democracy, the foundations of American liberalism and conservatism, radical thought and reform movements, changing religious developments, life and thought in the old South, impact of the Civil War.

Junior course. Prerequisite, History 201-202 or 203-204.
Hour C SCOTT

316 American Social Thought and Action, 1876-Present
American social thought and action from the period of the Gospel of Wealth to the present: the effects of industrialization upon basic American institutions, the development of a business “credo”, the growth of radical thought in economics, politics, and religion; the changing social structure, and the increasing power and influence of the State.

Junior course. Prerequisite, History 201-202 or 203-204.
Hour C SCOTT

317 American Character and Culture (Not offered 1965-66; to be offered 1966-67.)
An inquiry into the development and nature of American culture and character. Consideration of the role of the Western European tradition, economic abundance, immigration, and other factors in shaping American culture. Special attention to such topics as the concept of the gentleman, origins of religious denominationalism,
the American college, the South as a regional culture, and the West as symbol and myth.

**Junior course.** Prerequisite, History 201-202 or 203-204.
**Hours DE, MN**

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**318 The Origins of American Society (Not offered 1965-66; to be offered 1966-67.)**

An inquiry into the ideas and events in the first half of American history (1607-1783) that converted the transplanted Europeans into revolutionary Americans. Consideration of such topics as: the founding of the first British Empire; the transit of civilization from Europe to America; life and thought in the colonies; social and political struggles; economic developments; problems of imperial rule; the American Revolution and the War for Independence.

**Junior course.** Prerequisite, History 201-202 or 203-204.
**Hour MN**

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**319 Education in the United States (Offered 1965-66; not to be offered 1966-67.)**

Education as an aspect of American intellectual and social history. Consideration of formal and informal agencies of education, with focus on the expanding function of the schools since colonial times and on the changing educational role of family, church, state, and other social institutions. Special attention to the educational thought and practice of Franklin, Jefferson, Mann, and Dewey, and to the development of American patterns and models in higher education.

**Junior course.** Prerequisite, History 201-202 or 203-204.
**Hour DE**

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**321, 322 The History of Science (Not offered 1965-66.)**

The history of the major advances in the physical and biological sciences from ancient times to Einsteinian physics, with emphasis on the relations of the sciences to each other, and the social consequences of scientific discoveries. Particular attention will be paid to those scientific discoveries and issues which have affected theology, philosophy, literature, and social and political theory.

**Junior course.** Prerequisite, History 101-102 or 103-104 and completion of Division III requirement.
**Hour DE**

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**323 Greek History**

The political, social, economic, and cultural history of the Greek world from the Minoan period to the Roman conquest, with special emphasis on Fifth Century Athens and the Age of Alexander.

Lectures and discussion. Consultation of the ancient sources in translation.

**Junior course.** Prerequisite, History 101-102 or 103-104.
**Hour DE**

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324 Roman History

The Roman world from the earliest times through the reign of Diocletian, with special emphasis on the period from the Gracchi through the principate of Augustus. Lectures and discussion. Consultation of the ancient sources in translation.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour DE

Harper

326 The Negro in America (Offered 1965-66; not to be offered 1966-67.)

A study of the role of the Negro in American history and the meaning of his presence for the dominant white society. Among the topics considered: the African heritage, the Negro in the plantation society, slavery and the principle of American democracy, Black Reconstruction, the rise of Jim Crow and the myth of white supremacy, the Negro revolt and the rise of the Black Muslims. Comparisons are made between the experience of the Negro and other minority groups.

Junior course. Prerequisite, History 201-202 or 203-204.

Hours AB, JK

Rudolph, Zilversmit

327 (formerly 320) History of Modern Latin America (Not offered 1965-66; to be offered 1966-67.)

Political, economic, social, and diplomatic developments in Latin America from the independence movements to the present. Special attention will be paid to the following: political instability and the caudillo; foreign investment, economic developments, and social disparities; inter-American relations and United States policies towards Latin America; the Mexican Revolution; rise of the middle groups; the Caribbean and Castro's Cuba; background of the Alianza para el Progreso.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour D

Bastert

329 (formerly 328) China and Japan to 1800

A study of traditional East Asian Civilization from earliest times to the rise of Western Imperialism. Special emphasis will be given to such topics as the growth of the political state, the role of religion, the organization of Asian societies, and the failure of early Christian missionary attempts. Major intellectual thinkers and some literature will be read in translation.

Junior course. Prerequisite, History 101-102 or 103-104 or consent of the instructor.

Hour L

Frost

330 China and Japan, 1800-1945

Normally a continuation of History 329, this course will investigate the nature of Western Imperialism, China's conservative reaction, Japan's attempt to modernize, the reasons why democracy failed in China and Japan, the rise of the Kuomintang,
History

the rise of Japanese militarism, and the effect of World War Two on modern Asian history. Source materials will be read in translation, and students will be encouraged to do independent research in areas that particularly interest them.

Junior course. Prerequisite, History 101-102 or 103-104 or consent of the instructor.

Hour L

331 Russian History to 1801

A political, social, economic, and intellectual history of Russia to the accession of Alexander I. Special consideration will be given to such topics as Kievian society, the rise of Muscovy, the development of the autocracy, the impact of religion on society, Russia's expansion to the east, wars and foreign policy.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour L

332 Russian History, 1801-1945

Normally a continuation of History 331, this course will investigate such topics as the social and political structure of Czarist Russia, intellectual currents, Imperial foreign policy, reform and revolutionary movements, war and revolution, the establishment and consolidation of the Soviet regime.

Junior course. Prerequisite, History 101-102 or 103-104.

Hour L

333 The Diplomacy of the United States as a Lesser Power, 1775-1880 (Offered 1965-66; not to be offered 1966-67.)

A history of American diplomacy from the American Revolution to the beginnings of overseas expansion. Special attention will be paid to the sources and expressions of isolationism, the causes and consequences of continental expansion, the diplomacy of the Civil War, and the impact of industrialism on America's changing world outlook. An effort will be made to compare the diplomatic problems of the United States as a lesser power with those of the newly emerging nations today.

Junior course. Prerequisites, History 201-202 (203-204) or Political Science 101-102 (103-104).

Hour DE

334 (formerly 304) The Diplomacy of the United States as a World Power

A history of the responsibilities and effects of the foreign policy of the United States as a world power. Special attention will be paid to American imperialism, its causes and decline; to the origins of two World Wars and their diplomatic consequences; to the relationship between diplomatic commitments and military and naval power; and to an assessment of the role of diplomacy and diplomats in a democratic society.

Junior course. Prerequisites, History 201-202 (203-204) or Political Science 101-102 (103-104).

Hour L
History

401-402 Social Change: Types of Revolutionary and Evolutionary Transformation

The purpose of this course is to consider the nature of historical change as illustrated by the two most striking ways in which man has consciously attempted to give direction to the process of change in society. During the first semester, revolutionary change will be studied, with the French Revolution and the Russian Revolution as examples. The second semester will be devoted to two twentieth century reform movements, that of the Liberal and Labour Parties in England and the New Deal in the United States. This course is also designed to coordinate European, English, and American History.

Senior course. Required course in the major. Prerequisites, History 201-202 (203-204) and 301, 302.

Hours PF (2 sections)  
First semester: Waite, Breiseth  
Second semester: Scott, Fraser

HONORS COURSES

H351 The Era of World War I

The society and politics of prewar Europe and America; the European origins of the war and the reasons for American entry into the war; the civil and military conduct of the war; the impact of the war upon the European and American economy, society, and mind; peace-making and immediate postwar problems. This course is required of all students beginning honors work in history, and it will include instruction and training in historical research and writing.

Junior honors course. Prerequisite, History 101-102 or 103-104.

Hour FG Wed.  
Scott, Hyde

H352 Junior Honors Thesis

During the second semester of the junior year and during the senior year honors candidates following program (1) will work independently with a member of the department. The objective is the preparation of a senior thesis.

H353 (formerly H358) Studies in the History of American Education (Not offered 1965-66; to be offered 1966-67.)

Individual research on topics in the history of American education, with emphasis upon higher education in the nineteenth and twentieth centuries.

Honors course for juniors and seniors. Prerequisite, History 201-202 or 203-204.

Hour PQ  
Rudolph
A study, of special interest to pre-law students, of the common law in Anglo-American jurisprudence, the rise of cabinet government, the limitation of royal power, government by influence in the eighteenth century, parliamentary reform and the democratization of the constitution in the nineteenth and twentieth centuries.

**Honors course for juniors and seniors.** Prerequisite, History 101-102 or 103-104.

**Hour FG Wed.**

- **H356 From Jefferson to Jackson (Offered 1965-66; not to be offered 1966-67.)**
  A study of the crucial period during which Americans united to form a more perfect union. Special emphasis on the political philosophy of the founding fathers, the transition from John Taylor and John Adams to John Calhoun and Daniel Webster; the origins of Jackson democracy and its social content; reform movements and the origins of abolitionism.

  **Honors course for juniors and seniors.** Prerequisite, History 201-202 or 203-204.

  **Hour FG Wed.**

- **H357 The Diplomacy of the New Deal and World War II, 1933-1945 (Offered 1965-66; not to be offered 1966-67.)**
  An intensive study of the diplomacy of Franklin D. Roosevelt’s administrations. Special attention will be paid to the following topics: Cordell Hull and the “Good Neighbor” policy; the waning of isolationism towards Europe; the collapse of American neutrality; the road to Pearl Harbor; diplomacy of World War II; preparations for peace; the beginnings of disillusionment with Russia.

  **Honors course for juniors and seniors.** Prerequisite, History 201-202 or 203-204.

  **Hour RS**

- **H358 Studies in Modern Japanese History (Not offered 1965-66; to be offered 1966-67.)**
  An investigation of Japanese attempts to build a strong nation on Western political lines. Topics will include the nature of Western impact, the difference between the Chinese and Japanese reaction, reasons for Japan’s successful industrialization and the failure of Western parliamentary democracy. Japanese intellectuals will be read in translation; contemporary Western attitudes toward Japan will also be studied where relevant.

  **Honors course for juniors and seniors.** Normally this course will be given only to students who have taken a course in the East Asia Area Studies Program. Consent of instructor required.

  **Hour FG Wed.**

- **H359 (formerly H354) Twentieth Century Germany (Offered 1965-66; not to be offered 1966-67.)**
  An intensive topical study of key problems in recent German history: war and
history, the failure of democracy, Hitler, the postwar period 1945-1953.
The course will meet once a week for discussion of common reading; students will
also have the opportunity for independent research on special topics.

Honors course for juniors and seniors. Prerequisite, History 101-102 or 103-104.
Hour FG Wed.

[H360] The Old South, 1815-1865 (Not offered 1965-66; to be offered 1966-67.)
A study of the region known as the “Old South”: its economy, society, and thinking;
the institution of slavery and the pro-slavery argument; the development of the
South as a conscious minority; Southern leaders and “fire-eaters”; the secession
movement; the rise and fall of the Confederate States of America.
Honors course for juniors and seniors. Prerequisite, History 201-202 or 203-204.
Hour PQ Scott

[H361] European Imperialism in Africa (Not offered 1965-66.)
A historical study of the partition of Africa in the nineteenth and twentieth cen-
turies and of the effects of this partition on the diplomatic, political, and military
position of the European powers.
Honors course for juniors and seniors. Prerequisite, History 101-102 or 103-104.
Hour Breiseth

H362 The Eighteenth Century (Offered 1965-66; not to be offered 1966-67.)
Readings and individual research in the history of the Age of Enlightenment with
special emphasis upon France and the transition from an apparently stable European
society to revolutionary upheaval.
Honors course for juniors and seniors. Prerequisite, History 101-102 or 103-104.
Hour RS Oakley

H363 Medieval Politics: Theory and Practice (Offered 1965-66; not to be offered 1966-67.)
An attempt to confront medieval political theory with medieval political practice.
Concentration on the political thinking of Augustine, Aquinas, Marsilius of Padua,
and on constitutional developments in Western Europe.
Honors course for juniors and seniors. Prerequisite, History 101-102 or 103-104.
Hour RS Oakley

H366 Era of the American Revolution (Offered 1965-66; not to be offered 1966-67.)
Readings and research in the movement toward American independence, 1763-
1776, and in the struggle for stability in government, economy, and society, 1776-
1789.
Honors course for juniors and seniors. Prerequisite, History 201-202 or 203-204.
Hour FG Fri.
History, Italian, Latin

[H368  European Intellectual History, 1870-1920 (Not offered 1965-66; to be offered 1966-67.)

The study of significant ideas and intellectuals in the late nineteenth and early twentieth centuries with particular emphasis on the sense of intellectual crisis. Special consideration will be given to science, history, positivism, the study of society, and the attempts to comprehend the irrational.

Weekly discussion and independent research.

Honors course for juniors and seniors. Prerequisite, History 101-102 or 103-104.

Hour FG Wed.  [BRAZILL]

American Civilization H354 American Literature of the Nineteen-Twenties (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisite, English 101.

Hour RS  [MANSFIELD]

[American Civilization H355 Contemporary American Literature (Not offered 1965-66; to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisite, English 101.

Hour  [MANSFIELD]

H451-452 Senior Honors Thesis

ITALIAN (Div. I)

(For description of courses see under Romanic Languages)

LATIN (Div. I)

(For description of courses see under Classics)
MATHEMATICS (Div. III)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor G. L. Spencer, II*

Acting Chairman, Professor H. W. Oliver

Professor Richmond, Professor Jordan, Professor Oliver, Professor Spencer*, Associate Professor Kozelka, Assistant Professor Feeman, Assistant Professor Grabois, Mr. Levitz**.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

Mathematics 101 Introduction to the Calculus } or Mathematics 103
Mathematics 102 Elementary Calculus 
Mathematics 201 Linear Algebra 
Mathematics 202 Calculus of Several Variables 
Mathematics 301-302 Advanced Calculus 
Mathematics 401-402 Advanced Differential Equations

Parallel courses

Mathematics 305-306 Introduction to Abstract Algebra

The departmental sequence gives the student an understanding of the principles and processes of the calculus and their applications to physical and geometric problems. Mathematics 305-306 must be taken as a parallel course. The major aims to develop the student's mathematical power and insight and to prepare him to appreciate the place of mathematics in the modern world.

THE DEGREE WITH HONORS IN MATHEMATICS

The candidate for this degree carries the departmental sequence and the parallel course. In most cases he will be expected to replace the sequence courses 301-302, 401-402 by 301, H302, H401-H402.

In addition the honors candidate must undertake one of the following alternatives:

(a) Two elective one-semester courses from among Mathematics 204 and the 300 and 400 non-sequence courses offered by the department.

(b) One or two years of independent work. This work culminates in a senior thesis. The department is prepared to direct work in actuarial mathematics, algebra, analysis, geometry, mathematical foundations, statistics and topology. While the thesis need not contribute to the existing knowledge of mathematics, it will require the exercise of individual initiative.

*On sabbatical leave 1964-65
**Second semester 1964-65
Mathematics

101 Introduction to the Calculus
Functions, graphs, continuity. Derivatives and applications. Area and integration. Exponential, logarithmic and trigonometric functions.

Freshman course.

Hours  A, B, J, K  

102 Elementary Calculus
Continuation of Mathematics 101.
Methods of integration. Introduction to differential equations. Infinite series with applications.
Should be elected by those who are likely to major in mathematics or physics.

Freshman course. Prerequisite, Mathematics 101.

Hours A, B, J, K  

103 Elements of Calculus
An intensive coverage of the content of first year calculus for students who have had training in calculus but are not prepared to enter Mathematics 201.

Freshman course.

Hours D, M  

104 Introduction to Statistical Inference
Elementary theory of sets with applications to probability problems. Probability functions with emphasis on binomial and normal models. Inferences from models: statistical estimation and tests of hypotheses. Elementary bivariate analysis.

Designed for students with interests in the biological or social sciences.

Freshman course. Prerequisite, Mathematics 101 or 103.

Hours D, L, M  

105 Concepts in the Calculus
Intuitive introduction to the ideas of the calculus, including functions, graphs, derivatives, integrals, and applications.

Designed for students who do not intend to continue the study of Mathematics. Credit will not be given for both Mathematics 105 and Mathematics 101.

Freshman course.

Hours C, L  

106 Elements of Modern Algebra
Introduction to elementary number theory and to basic concepts of modern algebra. Designed for students who do not intend to continue the study of Mathematics.

Freshman course.

Hours C, L  

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201 Linear Algebra
Linear systems, vector spaces, matrices, determinants, and quadratic forms.

*Sophomore course.* Prerequisite, Mathematics 102, 103, or 104.

*Hours* B, G, J, M

202 Calculus of Several Variables
Partial derivatives and differentials of vector functions, and applications. Multiple integration. Taylor series.

*Sophomore course.* Prerequisite, Mathematics 201.

*Hours* B, G, M

204 Intermediate Statistical Inference
Tests of statistical hypotheses, with emphasis on small-sample tests from normal populations: t-test, F-test, chi-square. Contingency tables and other non-parametric tests. Introduction to utility theory. Applications directed towards the behavioral sciences.

*Sophomore course.* Prerequisite, Mathematics 104.

*Hour* MN

301-302 Advanced Calculus
Topics in convergence with applications to series, differentiation, and integration. Vectors, differential equations, partial differentiation, multiple integration.

*Junior course.* Prerequisite, Mathematics 202.

*Hours* 301-F, L; 302-F

[304 Foundations of Mathematics (Not offered 1965-66.)

*Junior course.* Prerequisite, Mathematics 202.

*Hour* ]

305-306 Introduction to Abstract Algebra
Axiomatic development of the natural numbers, the integers, and the rational numbers. Integral domains, fields, rings, groups, vector spaces, matrices, determinants, linear equations.

Non-majors may take the first semester of this course without the second.

*Junior course.* Prerequisite, Mathematics 201.

*Hour* B
Mathematics

[308 (formerly 303) Elementary Number Theory (Not offered 1965-66.)


Junior course. Prerequisite, Mathematics 202.

Hour D]

310 Numerical Analysis


Junior course. Prerequisite, Mathematics 202.

Hour QG]

[312 Theory of Games (Not offered 1965-66.)

Mathematical definition of games: algebraic and geometric interpretation of strategies. The fundamental theorem concerning solutions. The duality theorem relating games and linear programming problems. Degenerate cases and other special problems.

Junior course. Prerequisite, Mathematics 201.

Hour JORDAN]

401-402 Advanced Differential Equations


Senior course. Required course in the major. Single-credit course for non-mathematics majors. Double-credit course with supplementary meetings (Hour FR) for mathematics majors. Prerequisite, Mathematics 301-302.

Hour RICHMOND]

[407 Differential Geometry (Not offered 1965-66.)

Theory of curves and surfaces in Euclidean space with emphasis on local intrinsic geometry of surfaces. Introduction to problems in the global theory of surfaces.

Senior course. Prerequisite, Mathematics 301.

Hour DE]
Mathematics

409  Topology

General spaces and the notions of continuity, connectedness, compactness.
Metric spaces. Introduction to homology and homotopy.
Senior course. Prerequisite, Mathematics 301, 305.
Hour  C  SPENCER

HONORS COURSES

H302  Advanced Calculus

A treatment of functions of several variables, differential equations and existence
theory with attention to rigor.
Honors course for juniors and seniors. Prerequisite, Mathematics 301.
Hour  L  SPENCER

H401-H402  Advanced Differential Equations and Complex Variables

Cauchy development of theory of functions of a complex variable.
Topics in the theory of Fourier series, orthogonal functions, and functional analysis
with applications.
Senior honors course. Double-credit course with supplementary meetings (Hour FR)
for mathematics majors. Single-credit course for non-mathematics majors. Prere­
requisite, Mathematics H302.
Hour  JK  SPENCER, OLIVER

H451-452  Senior Honors Thesis
MUSIC (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor R. G. Barrow
Professor Barrow, Professor Shainman, Mr. Roberts.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses


Music 213-214 Elementary Harmony
Music 301-302 Music in History
Music 401-402 Twentieth Century Music

Parallel courses

An additional year course or two semester courses in Music. The student is especially encouraged to enroll in those courses which will develop his critical skills in analysis and creative work in music, including independent study with one or more members of the faculty (i.e., Music 303-304; Music 325, 326; and 425, 426).

THE DEGREE WITH HONORS IN MUSIC

The degree with honors in Music provides for a more intensive study in either of two areas: history of music or theory (i.e., composition). Candidates in both these areas are required to take Music H352 in the second semester of junior year as preparation for the honors work of the senior year. This junior thesis course, Music H352, may be substituted for one of the parallel courses; but candidates for the honors degree in theory must have completed Music 303-304 by the beginning of the senior year to be eligible. All honors candidates are required to take the parallel course.

In the senior year history candidates must submit a thesis; the theory candidates a composition in one of the larger forms or a group of smaller works. In both cases the first semester of senior year is spent in preparation for the writing of the thesis or composition, under supervision of one or more members of the department, meeting twice weekly. The work of the second semester consists largely of the actual writing of the thesis or composition.
The introductory course in Music at Williams College is available in two sections which are designed to meet the needs of students from varied backgrounds. The student is urged to read the descriptions of both Music 201 (which is offered in both semesters, called Music 202 in the spring semester) and Music 203 and to decide which best will assist his growth in understanding music.

201  **Fundamentals of Music**

Essentials of musical theory including the following: notation, scales, principal elements of harmony, the nature of rhythm and melody, the basic styles, the elements of musical design, and the chief large musical forms such as the sonata and the fugue. The emphasis is placed on acquiring a grasp of these essentials sufficient to enable the student to carry on the historical study embodied in any one of the semester musical literature courses which follow.

(To receive credit for Music 201 a student must also take in the following semesters any one of the following musical literature courses: Music 204 American Music, Music 205 The Opera, Music 206 The Concerto, Music 207 Beethoven, Music 208 Symphonic Music, Music 209 Mediaeval and Renaissance Music, Music 210 Music in the Baroque Era, Music 211 Studies in Contemporary Music, Music 212 Chamber Music.)

Any of these alternatives will thus result in a hyphenated year-course.

Three lectures, one conference a week.

*Sophomore course.* Open to freshmen who are especially interested in music.

*Hour* C  Conference section to be arranged.  

Barrow

202  **Fundamentals of Music**

The same course as Music 201 described above, but offered within the spring semester for the convenience of those who may wish to begin at that time.

(To receive credit for Music 202 a student must also take in the following semesters any one of the following musical literature courses: Music 204 American Music, Music 205 The Opera, Music 206 The Concerto, Music 207 Beethoven, Music 208 Symphonic Music, Music 209 Mediaeval and Renaissance Music, Music 210 Music in the Baroque Era, Music 211 Studies in Contemporary Music, Music 212 Chamber Music.)

Any of these alternatives will thus result in a hyphenated year-course.

Three lectures, one conference a week.

*Sophomore course.* Open to freshmen who are especially interested in music.

*Hour* C  Conference section to be arranged.  

Barrow

203  **Introduction to Music**

This course is designed primarily for the student who, through amateur singing or playing of music—even at an elementary level, has had previous experience in music.
Music

It is concerned with the essentials of music theory, fundamental terminology, forms, and stylistic concepts of music in a more intensive manner than in Music 201 or 202. Credit will not be given for both Music 201 or 202 and Music 203. To receive credit for Music 203 a student must also take in the following semesters any one of the following musical literature courses: Music 204 American Music, Music 205 The Opera, Music 206 The Concerto, Music 207 Beethoven, Music 208 Symphonic Music, Music 209 Mediaeval and Renaissance Music, Music 210 Music in the Baroque Era, Music 211 Studies in Contemporary Music, Music 212 Chamber Music.

Any one of these alternatives will thus result in a hyphenated year-course.

Sophomore course. Open to freshmen who are especially interested in music and who have had previous experience in music.

204 American Music

A survey of musical development in this country from the seventeenth century psalters and eighteenth century New England tunesmiths through the genteel tradition, the rise of jazz, and the growth of art-music from the Boston academic tradition to the major American composers of the twentieth century.

Sophomore course. Prerequisite, Music 201, 202, or 203. Open to majors in American Civilization without Music 201, 202, or 203.

205 The Opera

The development of opera from 1600 to the present, covering such masters as Monteverdi, Lully, Rameau, Scarlatti, Gluck, Mozart, and representative nineteenth and twentieth century composers. Emphasis on listening and research projects.

Each year members of the course will be invited to attend a rehearsal at the Metropolitan Opera House.

Sophomore course. Prerequisite, Music 201, 202, or 203.

206 The Concerto (Offered 1965-66; not to be offered 1966-67.)

A study of the solo concerto from the seventeenth century experimental works of Viadana and Gabrieli to the nineteenth and twentieth century virtuosos compositions of Liszt, Brahms, Ravel. Emphasis on score reading and listening.

Sophomore course. Prerequisite, Music 201, 202, or 203.
207  Beethoven

A consideration of selected compositions from each of Beethoven’s creative periods. Special emphasis will be placed on the piano sonatas, the string quartets, “Fidelio,” and the Ninth Symphony. The course will examine Beethoven’s music in its historical context and evaluate the changes brought about by his art.

Sophomore course. Prerequisite, Music 201, 202, or 203.

Hour  DE Roberts

208  Symphonic Music

A study of symphonic development as observed in such forms as the symphony, the symphonic poem, and the concert overture. Among other composers, the works of Haydn, Beethoven, Berlioz, Liszt, Debussy, and Prokofiev will be stressed. Emphasis on score reading and listening.

Sophomore course. Prerequisite, Music 201, 202, or 203.

Hour  B Shainman

[209  Mediaeval and Renaissance Music (Not offered 1965-66.)

A survey of the musical culture in western Europe from the monophonic repertoires of the early Christian church through its development within polyphonic compositions and the increasing growth of secular forms of music. Special emphasis will be placed upon individual reports and class projects, including a Collegium Musicum, which bring to life some of the vitality of that musical culture.

Sophomore course. Prerequisite, Music 201, 202, or 203.

Hour  QG Roberts

210  Music in the Baroque Era

An examination of European music from the late-sixteenth century to mid-eighteenth century, showing contrasts between the musical styles of the late Renaissance and the new Baroque era. The course culminates in a study of the life and works of Johann Sebastian Bach.

Sophomore course. Prerequisite, Music 201, 202, or 203.

Hour  AB Roberts

211  Studies in Contemporary Music

An historical survey of contemporary music. Both traditional and transitional composers at the turn of the century are discussed and their major works introduced. In addition, a general view of the major trends and movements within the first half of the century is shown. Emphasis on listening.

Sophomore course. Prerequisite, Music 201, 202, or 203.

Hour  FR Shainman

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Music

212 Chamber Music

A survey of all forms of chamber music (trio sonata, trio, quartet, etc.) from the seventeenth century to the present time. Emphasis on listening and independent research projects.

Sophomore course. Prerequisite, Music 201, 202, or 203.

Hour M

213-214 Elementary Harmony

A study of the basic principles of harmony, using major and minor triads and their inversions, non-chord tones, and the dominant 7th chord and its inversions. Extensive practice in the writing of original melodies; harmonization of basses and sopranos; analysis of pertinent examples from the works of various composers.

Sophomore course. Prerequisite, Music 201, 202, or 203 and its semester course of completion. With permission of the department, students having the requisite theoretical and keyboard knowledge, may take this course without prerequisite.

Hour JK Barrow

301-302 Music in History

A study of the principal periods of the history of western music from the beginning of the Christian Era to the present time. Emphasis on listening and individual research projects.

Junior course. Prerequisite, Music 201, 202 or 203 and its semester course of completion.

(Students with sufficient musical background, may, with departmental approval, petition directly into this course without the prerequisite.)

Hour PF Shainman

303-304 Advanced Harmony

An exploration of the chromatic harmony of the nineteenth century. Work is done in both analysis and original harmonization of given basses and sopranos within the nineteenth century style. A part of the course is devoted to the acquisition of listening skills demanded by the increased complexity of the musical vocabulary. The course is taught partially by class meeting and also by private lesson.

Junior course. Prerequisite, Music 213-214.

Hour

First semester: Roberts
Second semester: Roberts, Barrow

401-402 Twentieth Century Music

An historical survey of contemporary music. During the first semester both traditional and transitional composers at the turn of the century are discussed along with major trends and movements within the first half of the century. During the second
semester the stylistic crisis at the turn of the century is re-examined and various compositions of differing compositional techniques are analyzed. Students are encouraged to write short compositions within these styles and special emphasis is placed upon the acquisition of listening skills.

Senior course. Prerequisites, Music 201, 202, or 203, and its semester course of completion, and 213-214 and 301-302. The completion of Music 303-304 is strongly urged.

Hour FR

First semester: Shainman, Barrow
Second semester: Roberts

HONORS COURSES

H352 Junior Honors Thesis

Independent study in history or theory of music, under the supervision of a member of the department, as preparation for the senior honors thesis.

H451-452 Senior Honors Thesis

Required of all music honors candidates.

Prerequisite, Music H352.

SPECIAL STUDIES IN THE MUSICAL ART

325, 326 Musical Studies

These courses are for work of a creative nature, based upon the talents and backgrounds of the individual student, working under the close guidance of a member of the department to fulfill some project established by the consent of teacher, student, and department. The election is utilized to supplement the department's course offerings, and may include such projects as the study of the literature and performance of the voice, the piano, the organ, or an orchestral instrument, or work in music theory (solfeggio, keyboard harmony, ear-training and dictation, counterpoint, and orchestration), or in ensemble (i.e., chamber-music literature and performance). The project may be continued by the election of the next-higher numbered course, or at that time the next-higher numbered course may be utilized for work within yet another facet of the musical art. The specific name of the project elected is to be specified in parentheses after the title, “Musical Studies.”

Junior course. Prerequisites, Music 201, 202, or 203, and its semester course of completion, either or both of which may be taken concurrently, and the permission of the instructor.

Hour

Barrow, Roberts or Shainman

425, 426 Musical Studies

These courses are for work of a creative nature, based upon the talents and backgrounds of the individual student, working under the close guidance of a member of
the department to fulfill some project established by the consent of teacher, student, and department. The election is utilized to supplement the department’s course offerings, and may include such projects as the study of the literature and performance of the voice, the piano, the organ, or an orchestral instrument, or work in music theory (solfege, keyboard harmony, ear-training and dictation, counterpoint, and orchestration), or in ensemble (i.e., chamber-music literature and performance). The project may be continued by the election of the next-higher numbered course, or at that time the next-higher numbered course may be utilized for work within yet another facet of the musical art. The specific name of the project elected is to be specified in parentheses after the title, “Musical Studies”.

Senior course.  Prerequisites, Music 201, 202, or 203, and its semester course of completion, either or both of which may be taken concurrently, and the permission of the instructor.

BARROW, ROBERTS OR SHAINMAN

PHILOSOPHY (Div. II)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor N. M. Lawrence*
Acting Chairman, Professor L. W. Beals**

Professor Beals, Professor Lawrence*, Assistant Professor Versenyi,
Assistant Professor O’Connor, Mr. Molina**, Mr. Dove.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses
Philosophy 101-102 Introduction to the Fields of Philosophy (104 Knowledge and Value)
Philosophy 201 History of Ancient and Medieval Philosophy
Philosophy 202 History of Modern Philosophy
Philosophy 401-402 Contemporary Men and Movements

Parallel courses
Four semester courses in Philosophy selected from courses 204 through 316.

The introductory course is designed to acquaint the student with major areas of philosophical thought, showing how these are integrally related. In the major se-

*On sabbatical leave second semester 1964-65
**Second semester 1964-65
quence the emphasis is on the development and differentiation of philosophy in the
western world, as it shapes and is shaped by related developments in other fields of
inquiry. The parallel courses are intended to broaden the student’s acquaintance
with the special fields of Philosophy, intensifying that acquaintance systematically,
epecially as it bears on science, politics, and art.

THE DEGREE WITH HONORS IN PHILOSOPHY

Philosophy majors who are accepted as candidates for the degree with honors take
one of the two following programs:

(1) **TWO-YEAR PROGRAM OF HONORS COURSES**
    Required sequence and two parallel courses
    Four honors courses in Philosophy

(2) **TWO-YEAR PROGRAM OF HONORS COURSES AND THESIS**
    Required sequence and two parallel courses
    Two honors courses in Philosophy and
    Philosophy H451-452  Senior Honors Thesis

In exceptional circumstances, with special permission of the department, a can­
didate may register for independent reading and research in connection with the
undertaking of an honors thesis to be completed prior to the senior year.

101-102  **Introduction to the Fields of Philosophy**

A study of main fields of philosophical inquiry by way of the study of original works
by such thinkers as Plato, Kant, Hegel, Marx, Freud, James, Kierkegaard, Colling-
wood. The first semester is devoted to the theory of human nature and its relation to
the problems of ethics and political philosophy. The second semester continues with
problems in the theory of knowledge, philosophy of religion, and aesthetics.

Freshman course.

*Hour*  F Mon.  Conferences B, C, D, F, J, K, L, M

**Members of the Department**

104  **Knowledge and Value**

For students nominated from 101 by their instructors. These students attend 102
lectures. Conference work emphasizes greater independence in outside reading and
writing of papers.

Freshman course.

*Hour*  C

201  **History of Ancient and Medieval Philosophy**

A study of major writers and tendencies in European philosophy and their influence
in forming present outlooks. The pre-Socratics, Plato, Aristotle, Stoics, Scholastics.

Sophomore course. Prerequisite, Philosophy 101-102 (104).

*Hour*  GS
Philosophy

202  History of Modern Philosophy
An examination of the formative period of modern Philosophy from Bacon to Kant. Special attention will be given to the relation of philosophical ideas to developments in the science and the politics of the times.

Sophomore course.  Prerequisite, Philosophy 101-102 (104).

Hour  GS

O’CONNOR

204 (formerly 203)  Logic
An inquiry into the nature, scope, and limits of logical demonstration. Among the topics examined are the syllogism, symbolic logic, semantical analysis, the theory of postulates, and the methods of science.

Sophomore course.  Prerequisite, Philosophy 101-102 (104) or permission of the instructor.

Hour  FR

STINE

206 (formerly 308)  American Philosophy
Outstanding American philosophers, their connections with and departures from European intellectual traditions. Selected writings from Edwards, Paine, Emerson, Peirce, James, Royce, and Dewey.

Sophomore course.  Prerequisite, Philosophy 101-102 (104).

Hour  AB

BEALS

207 (formerly 212)  Aesthetics
Current issues in the philosophy of art, including the following: artistic expression and artistic response, the vocabulary of art criticism, the role of art in society, aesthetic awareness as a mode of knowledge.

Sophomore course.  Prerequisite, Philosophy 101-102 (104).

Hour  QG

O’CONNOR

303  Analytic Philosophy
A study of the main features of the contemporary movement, with some emphasis on linguistic philosophy. Representative readings from such authors as Moore, Russell, Ayer, and Wittgenstein.

Junior course.  Prerequisite, Philosophy 101-102 (104).

Hour  FR

STINE

305 (formerly 205)  Ethics

Junior course.  Prerequisite, Philosophy 101-102 (104).

Hour  AB

BEALS
Philosophy

[308 (formerly 222)  A Critical Study of Marxist Philosophy (Not offered 1965-66.)
An examination of the philosophical foundations of communism. Readings in Marx, Engels, Lenin, Stalin, and Mao Tse-Tung, together with an investigation of some applications in contemporary Soviet social philosophy and philosophy of science.

Junior course. Prerequisite, Philosophy 101-102 (104).

Hour 310 (formerly 312) Topics in Contemporary Epistemology
A critical examination of pragmatic, existential, and phenomenological theories of human knowledge. Special emphasis will be given to (1) the intimacy between volition, action, and thought, and (2) the rivalry between relativistic and absolutistic theories.

Junior course. Prerequisite, Philosophy 101-102 (104).

Hour 311 (formerly 215) Philosophical Humanism
A study of the humanist tradition, both classical and modern. Selected sources for Socrates, Nietzsche, Camus, and others.

Junior course. Prerequisite, Philosophy 101-102 (104).

Hour 314 (formerly 313) Nineteenth Century Philosophy
A study of Hegel's Phenomenology and of some nineteenth century philosophers, such as Schopenhauer, Kierkegaard and Nietzsche, with a view to illuminating the immediate background of contemporary Philosophy.

Junior course. Prerequisite, Philosophy 101-102 (104).

Hour 316 Philosophy of Religion (Not offered 1965-66.)
A comparative study of main types of philosophical approach to Religion, including sustained readings in both eastern and western thought.

Junior course. Prerequisite, Philosophy 101-102 (104) or Religion 201-202.

Hour 401-402 Contemporary Men and Movements
A survey of recent philosophers and schools of philosophical thought. The first semester emphasizes philosophers, the second emphasizes philosophies.

Senior course. Required course in the major. Prerequisite, Philosophy 201, 202.

Hour MN (First semester)
FR (Second semester)
Philosophy

HONORS COURSES

H351 (formerly H352) The Philosophy of Plato
An intensive study of the Dialogues.
Honors course for juniors and seniors. Prerequisite, Philosophy 101-102 (104).
Hour DE Versenyi

[H355 Problems in Theory of Knowledge (Not offered 1965-66.)

Human knowledge studied as a process and a product by means of examples drawn from the natural and social sciences, from historical and philosophical writings. Special topics include: the formation and function of categories; various methods of analysis, interpretation and verification; and the relation between knowledge of fact and knowledge of value.
Honors course for juniors and seniors. Prerequisite, Philosophy 101-102 (104).
Hour O'CONNOR]

H356 Existentialism
A study of the philosophical movement. Intensive reading in Soren Kierkegaard, Gabriel Marcel, Rollo May, and Jean-Paul Sartre. There will be some discussion of Nietzsche, Heidegger, and Jaspers. The course is not a literary investigation. It is an examination of the philosophical foundations of existenz in Kierkegaard, together with a consideration of developments in atheistic existenz, theistic existenz and existential psychoanalysis.
Honors course for juniors and seniors. Prerequisite, Philosophy 101-102 (104).
Hour FFGG Lawrence

[H365 Problems in the Philosophy of History (Not offered 1965-66.)

Historical compared to scientific knowledge; the role of chance; causes and conditions in historical explanation; objectivity as necessary, possible, or desirable; the historian as reporter, propagandist, prophet, moralist. Readings from books and articles of both philosophers and historians, mostly recent and contemporary.
Honors course for juniors and seniors. Prerequisite, Philosophy 101-102 (104).
Hour Beals]

H451-452 Senior Honors Thesis
Independent study under the supervision of a member of the department. The objective is the preparation and writing of a senior thesis.
COURSES OF INSTRUCTION 1965-66

Physical education is required for freshmen and sophomores. This requirement may be met by participating in intercollegiate athletics on freshman or varsity teams or by participating in class activities where instruction is given in the several branches of athletics and gymnastics.

Class activities for the different seasons consist of:
- **Fall:** Tennis, golf, track, Outing Club activities, physical fitness.
- **Winter:** Swimming, basketball, squash, volleyball, skiing, physical fitness, ice skating, badminton, judo.
- **Spring:** Rugby, tennis, golf, Outing Club activities, life saving.

Two sections meet three times per week in forty-five minute periods.
Four sections meet two times per week in sixty-minute periods.

**PHYSICS (Div. III)**

**DEPARTMENTAL STAFF FOR 1964-65**

Chairman, Professor R. P. Winch

Professor Crawford, Professor Winch, Professor Stabler, Professor D. Park*, Associate Professor F. Brown, Assistant Professor Ward, Mr. Kirkpatrick, Dr. Busen, Dr. Dreiner, Mr. Baldassare, Miss Hughes, Mr. Lewis, Mr. Neuman, Mr. Joscelyn, Mr. R. E. Parks.

COURSES OF INSTRUCTION 1965-66

*On sabbatical leave second semester 1964-65
MAJOR PROGRAM

Sequence courses
Physics 103-104 Introductory Physics (or Physics 101-102)
Physics 301-302 Physical Optics, Atomic and Nuclear Physics
Physics 401,402 Introduction to Quantum Mechanics; Thermodynamics and Statistical Physics (double credit course)

Parallel courses
(a) Physics 201-202 Electricity and Magnetism
(b) Physics 305, 308 Semiconductors and Electron Tubes, Methods of Experimental Physics; Electromagnetic Waves

Because of the stringent prerequisites in both Mathematics and Physics all students planning a Physics major should register as follows:

Freshman year
Physics 103-104 (or 101-102)
Mathematics 101, 102 (or 103)

Sophomore year
Physics 201-202
Mathematics 201, 202

Mathematics 101, 102 must be taken prior to or concurrently with Physics 103-104 and is a prerequisite for all higher courses. Mathematics 201, 202 must be taken simultaneously with (or before) Physics 201-202 and Physics 301-302. Departure from the above order will necessitate very careful planning with the registering officer of the department, particularly for those who wish to become candidates for the degree with honors.

The Physics program is devoted to the study of those elements of experimental and theoretical physics which are properly a part of the liberal arts. It aims to give the student an insight into the fundamental laws of nature and some facility in the mathematical language in which they are expressed. It is intended for those who wish a first-hand acquaintance with this field as a background for business or professional life, as well as for those who intend to pursue further studies in graduate school as a preparation for teaching and research.

THE DEGREE WITH HONORS IN PHYSICS

The degree with honors should be taken by students who intend to pursue graduate work in Physics or engineering and by those who wish to supply a maximum of the initiative in their own intellectual advancement.

Students majoring in Physics who are eligible and wish to become candidates for the degree with honors will normally do so by electing the following courses:
Physics

**Junior year**

Physics 301, H352  Physical Optics; Atomic and Nuclear Physics I.
Physics 305, H354  Semiconductors and Vacuum Tubes, Methods of Experimental Physics; Theoretical Mechanics
Experimental project (starts in December)
Mathematics 301-302  Advanced Calculus

**Senior year**

Physics H451  Senior Honors Thesis
Physics H453  Atomic and Nuclear Physics II
Physics H456  Methods of Mathematical Physics
Physics 402  Thermodynamics and Statistical Physics (double credit course)

101-102  *Elements of Physics*

An introduction to the basic principles of Physics, developed with particular emphasis on the scientific method and its historical development.

Lectures and conferences, three hours a week; one two-hour laboratory period a week.

*Freshman course.* Requires no previous study of Physics.

*Hour D  Lab. sections: Mon., Tu., Wed., Th.*  

**103-104  *Introductory Physics***

Particle and rigid body mechanics, special relativity, fields and potentials, wave phenomena, geometrical and physical optics. The method of treatment emphasizes contemporary views of physical phenomena and the analytical unity of many of the classical subdivisions of physics.

This course is intended for those who have secured good grades in admission physics. It should be elected by all eligible students who are likely to major in any of the physical sciences or to go on into professional science or engineering.

Lectures and conferences, three hours a week; one two-hour laboratory period a week.

*Freshman course.* Prerequisite, admission credit in Physics. Students taking Physics 103-104 must have had, or be taking concurrently, Mathematics 101, 102 or equivalent.

*Hour J  Lab. sections: Mon., Tu., Wed., Th., Fri.*  

**201-202  *Electricity and Magnetism***

Kirchhoff’s laws applied to direct current networks and to instantaneous and root mean square solutions of alternating current networks by complex number methods. Mechanical and electrical oscillations.
Physics

Electrostatics, potential, dielectrics, magnetic fields, magnetic force on moving charges, induced emf's, ferromagnetic materials, the magnetic circuit, transformers, and Maxwell's field equations in vector form.

The laboratory emphasizes standard methods of electrical measurement as well as experiments which supplement class discussion.

Lectures, conferences, and problems; a three-hour laboratory period each week.

Sophomore course. Prerequisites, Physics 101-102 or 103-104 and Mathematics 101, 102 (or 103). Students electing this course must have taken or be taking Mathematics 201, 202.

Hour D Lab. sections: Mon., Tu., Fri.

301-302 Physical Optics, Atomic and Nuclear Physics

Material selected from the following topics: the wave nature of light as shown by interference, diffraction, and polarization; the electron, discharge through gases, simple quantum phenomena, photo-electricity, Bohr's atom-model, periodic system of the elements, isotopes, radioactivity, X-rays, cosmic rays, the nucleus, nuclear energy.

Lectures, conferences, and problems; a three-hour laboratory period each week.

Junior course. Prerequisites, Physics 201-202 and Mathematics 201, 202.

Hour K Lab. sections: Mon., Tu., Wed.

305 Semiconductors and Electron Tubes, Methods of Experimental Physics

Solid state theory and devices, electron tubes, electronic circuits and techniques useful for measurement and control.

Three class hours a week, lectures and problems; one four-hour laboratory every other week.

Junior course. Prerequisite, students electing this course must have taken or be taking Physics 201-202.

Hour M Lab. sections: Wed., Th.

308 Electromagnetic Waves

The theory of electric and magnetic fields in vacuo and in solids. Special emphasis is placed on the application of Maxwell's equations to the radiation and propagation of electromagnetic waves in free space, material media, and in wave guides. The course extends the theories developed in Physics 201-202 and in Physics 301.

Junior course. Prerequisite, Physics 201-202 and Physics 301.

Hour M
401 Introduction to Quantum Mechanics

Wave properties of particles and Schrödinger’s equation with applications to problems in molecular, atomic, and nuclear physics.

Lectures with problems and discussion. The seminar meetings are for senior Physics majors only and will be devoted to reports by class members on material important to coordinating the major.

Senior and graduate course. Required course in the major. Prerequisite, consent of the department. Graduate students will be assigned extra work, but do not attend the Wed. seminar.

Hour Lecture: GS Tu., Fri. Seminar: FFGG

402 Thermodynamics and Statistical Physics

The laws of thermodynamics are developed and applied to physical and engineering problems, followed by discussion of the properties of entropy, its interpretation in terms of probability, and an introduction to Boltzmann, Bose-Einstein, and Fermi-Dirac statistics.

Lectures with problems and discussion. The seminar meetings are for senior Physics majors only and will be devoted to reports by class members on material important to coordinating the major, and, for honors candidates, to special honors projects.

Senior and graduate course. Required course in the major. Prerequisite, consent of the department. Graduate students will be assigned extra work, but do not attend the Wed. seminar.

Hour Lecture: GS Tu., Fri. Seminar: FFGG

HONORS COURSES

Junior and Senior Honors Laboratory

Formal laboratory work is not required in the Honors courses of junior and senior year. In its place, each student undertakes an experimental project which he works on individually under the guidance of a member of the department. The project is selected in the middle of the first term of junior year and a substantial written report is expected at the end of junior year. If the report is deemed satisfactory, the project continues through the first term of senior year and culminates in a formal thesis at midyears.

With the consent of the department, the experimental activity in junior year will be open to qualified Honors students from other departments.

H352 Atomic and Nuclear Physics I

Physics H352 and H453 present the experimental and theoretical foundations of atomic and nuclear physics. H352 topics include an introduction to quantum phenomena, the Schrödinger wave equation, the application of wave mechanics to the single electron atom and optical spectroscopy, and x-rays.
Physics

Junior honors course. Credit will not be granted for both this course and Physics 302. Prerequisites, Physics 103-104 (101-102) and Mathematics 101, 102. Physics majors electing this course must have taken or be taking Physics 201-202 and Mathematics 201, 202. Honors candidates from other departments may be granted permission to replace the Physics 201-202 requirement by some other pertinent qualification.

Hour JK Lab. sections: Mon., Tu. Crampton

H354 Theoretical Mechanics
Lagrangian dynamics of particles and rigid bodies, with special emphasis on the theory of motion under central forces, rotation, and small vibrations. Introduction to special relativity theory.
Three class hours a week, lectures and problems.

Junior honors course. Prerequisite, Physics 103-104 and Mathematics 201, 202. Open to candidates for the degree with honors and required of honors candidates in the Physics major.

Hour MN Stabler

H451 Senior Honors Thesis
The experimental project started in junior year is continued. The results of the investigation, together with a theoretical background study, are presented in a formal thesis. Under unusual circumstances a student may be permitted to initiate an experimental project in senior year or to substitute a theoretical project. Students are expected to have some familiarity with the problems and experimental methods of the projects undertaken by their classmates. For this purpose, seminars will be held from time to time.

Members of the Department

H453 Atomic and Nuclear Physics II
Further study of the phenomena of atomic and nuclear physics with some quantum mechanical treatment. Particle scattering, alpha, beta, and gamma decay, the shell model of the nucleus, the collective model of the nucleus.

Senior honors and graduate course. Prerequisite, H352 or the equivalent. Graduate students will be assigned extra work.

Hour MN Park

H456 Methods of Mathematical Physics
The ordinary and partial differential equations of theoretical physics, with applications to the mechanics of discrete and continuous systems and to electromagnetic fields.

Senior honors and graduate course. Prerequisites, Physics H354 and Mathematics 301-302 or the equivalent. Graduate students will be assigned extra work.

Hour DE Park
GRADUATE COURSES

[501] Electromagnetic Theory (Not offered 1965-66.)
Electric and magnetic fields in vacuo and in solids; mathematical methods in potential theory. Maxwell’s equations and their integration; introduction to relativistic electrodynamics. Motion of electrons in an electromagnetic field.
Prerequisites, Mathematics 301-302 and Physics 201-202.
Hour F. Brown

[502] Electromagnetic Theory II (Not offered 1965-66.)
Hamiltonian mechanics of fields and matter in interaction. Motion of charged particles. Introduction to the quantum theory of radiation.
Prerequisite, Physics 501 or equivalent.
Hour Park

[507] Solid State Physics I (Not offered 1965-66.)
The structure of solids as determined by x-ray diffraction; thermal properties, including specific heat, defect structure in thermal equilibrium, and phase equilibria of alloys and mixed crystals; lattice energy of crystals and ionic radii, the theory and measurement of dielectrics, including study of electronic, ionic, dipolar, and space charge polarization; ferroelectricity.
Prerequisites, Mathematics 301-302 and Physics 301-302 or Physics 301, H352.
Hour F. Brown

[508] Solid State Physics II (Not offered 1965-66.)
Theory of electrons in metals; band theory of solids; application of statistical mechanics to equilibrium of electrons in metals and semiconductors; magnetic properties of solids, including diamagnetism, paramagnetism, and ferromagnetism.
Prerequisite, Physics H352 or 401 or 516 or equivalent.
Hour F. Brown

[513] Nuclear Physics (Not offered 1965-66.)
A discussion of a number of phases of nuclear theory and experiment. Topics to be discussed will include the composition and stability of nuclei, radioactivity and disintegration, the nature and properties of nuclear forces, and the elementary particles.
Prerequisite, a semester of quantum mechanics such as Physics H453.
Hour
Physics

[514 High Energy Physics (Not offered 1965-66.)

A discussion of the various processes that are involved in high energy interactions, the production, decay, and properties of “elementary particles” from a primarily experimental approach; descriptive theories that have been developed to explain and relate the experimental results; experimental techniques of high energy accelerators and particle detection methods.

Prerequisite, Physics H352 or 401 or equivalent.

Hour ]

515 Resonance Physics

An introduction to the theory and techniques of radio frequency and microwave spectroscopy with emphasis on the use of density matrices and correlation functions. Applications to atomic and molecular beams, masers, lasers, and nuclear magnetic resonance.

Prerequisite, Physics H453 or 401 or equivalent.

Hour 7:30-9 p.m. Mon., Wed. Crampton

516 Intermediate Quantum Mechanics

Approximate methods of calculation. Theory of many-particle systems, with applications to atomic structure, statistical physics, and electromagnetic radiation. Introduction to relativistic quantum mechanics.

Prerequisite, Physics H453 or 401 or equivalent.

Hour 7:30-9 p.m. Mon., Wed. Park

517 (formerly 510) Statistical Physics

An introduction to the physics of systems containing large numbers of particles. Brief discussion of the methods of classical kinetic theory. Formulation of the principles of statistical mechanics in terms of the ensemble theory of Gibbs and Einstein. Applications to kinetic theory, fluctuations, irreversible thermodynamics, and transport theory.

Prerequisites, Mathematics 301-302 and Physics H354.

Hour AB (8-9:15) Tu., Th. Park

Colloquium

The Department Staff meets on Monday afternoons to discuss recent published and unpublished work in physics. Graduate students and staff of other science departments are invited, and undergraduates are permitted to attend.

Hour 4-5:30 Mon.
POLITICAL ECONOMY (Div. II)

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses
Political Science 101-102 American and Foreign Governments (103-104 American and Foreign Politics)
Economics 101-102 or 103-104 General Economics
Political Science 201 International Relations and World Politics
Economics 304 (306) (formerly 301 (303)) Income, Employment and Growth
Political Economy 401-402 Problems in Political Economy

Parallel courses
(a) Political Science 302 Political Philosophy
Economics 301 (303) (formerly 304 (306)) The Price System
(b) One semester course in political science and one semester course in economics

The major combines substantial separate training in both Political Science and Economics with a senior course, taught jointly by members of the two cooperating departments, in which both disciplines are brought to bear on a range of contemporary public policy issues. It is intended to help the student to surmount the sometimes artificial barriers of specialization that tend to characterize either subject taken alone. The major is designed to give those who plan to go into business or the law a grasp of the environment, both governmental and economic, within which they will have to operate; to give those who will eventually enter the public service a broad understanding of the significance of economic forces as conditioning factors in governmental policy; and to give those who plan to continue in academic work an opportunity to make this vital relationship the background if not the focus of their more advanced studies.

NOTE: Sophomores considering the Political Economy major and wishing to enroll in a sequence course in the spring semester may register as provisional majors and be admitted to either Political Science 302 or Economics 304 (306).

AREA STUDIES

Students majoring in Political Economy who are undertaking a four-course Area Studies program, and who are candidates for a regular degree, may take one Area Studies course in Political Science and one in Economics as their (b) parallel courses.

THE DEGREE WITH HONORS IN POLITICAL ECONOMY

Students majoring in Political Economy who plan to become candidates for the degree with honors may elect one of the following programs:
(1) **Two-year program of honors courses**

Required sequence and (a) parallel courses and four honors courses from among those offered in Political Science and Economics, of which at least one shall be in Political Science and one in Economics.

(2) **Two-year program of honors courses and thesis**

Required sequence and (a) parallel courses and any two honors courses from among those offered in Political Science and Economics.

Political Economy H451-452 Senior Honors Thesis

**Area Studies**

Students majoring in Political Economy who are undertaking a four-course Area Studies program, and who are candidates for an honors degree following either program above, may count honors credit in one Area Studies course in Political Science and one in Economics to meet the requirement for two honors courses.

**Political Science 101-102 American and Foreign Governments**

*First semester:* Government and politics of the United States. Institutional structure is examined as a reflection of the assumptions of liberal democracy and of the American social and economic system. The policy formation process is emphasized and some significant current problems are considered in detail.

*Second semester:* Democracy and dictatorship: an examination of contemporary governments. Parliamentary democracies are compared with dictatorships as alternative forms of political organization. Theories of government are related to their respective institutional forms.

*Freshman course.*

*Hours*  AB, DE, FR, GS, JK, MN, PF, QG  

**Members of the Department**

**Political Science 103-104 American and Foreign Politics**

Special and advanced seminar sections paralleling the course content of Political Science 101-102. Materials studied, both in quality and number, are above the normal introductory level. Course stresses comparison of political institutions, decision-processes, and class styles and values between the United States and the major regimes of Europe.

Admission in the fall is based on performance in secondary school and college courses dealing with allied subjects, as well as student interest in public affairs. In the spring students are admitted on the recommendation of their instructors for superior work in Political Science 101 or 103.

*Freshman course.*

*Hours*  

**Burns, Gaudino**
Political Economy

Economics 101-102  General Economics

Study of the principles of Economics and their application in analyzing and under­
standing the contemporary economic environment. Includes such topics as the
 corporation, markets and the price-making process, the farm problem, the distribu­
tion of income, the causes of depression and inflation, commercial banking and the
 Federal Reserve System, fiscal policy and national debt, and foreign trade.

Freshman course.

Hours  B, C, F, K, L

Economics 103-104  General Economics

This special section of the course in General Economics covers the same material
using mathematical methods where appropriate. The course is open to freshmen
as well as upperclassmen. A prerequisite for enrollment is a knowledge of elementary
calculus.

Hours  C, M

Members of the Department

O’Brien, Eddie

Political Science 201  International Relations and World Politics

A survey of the origins, forms, and forces of the Western State System, covering the
conduct and practice of diplomacy, the structure and scope of international law, and
the development and importance of international organization in modern world
politics.

Sophomore course.  Prerequisite, Political Science 101-102 (103-104).

Hour  L Mon., Fri.  Conferences: L, M Wed.

Schuman, O’Leary

Economics 301 (formerly 304)  The Price System

The role of price in guiding the economic system. Examination of types of market
organization, and price and production practices in various sectors of the U. S.
economy. Strengths and weaknesses of the free market as a device for promoting
economic welfare. Forces determining the level of wages, profit, interest, and rent.

Junior course.  Prerequisite, Economics 101-102 or 103-104.

Hours  AB, DE

Eddie

Economics 303 (formerly 306)  The Price System

This is a section of Economics 301 for students whose previous work in economics
has been of superior quality.

Junior course.  Prerequisite, Economics 101-102 or 103-104.

Hour  AB

Hainsworth

Political Science 302  Political Philosophy

The content of political philosophy from the Greeks through the moderns.  A
critical study of major political philosophies that provide systematic answers to the
Political Economy

recurring questions about the nature of man, political society, and the proper method of studying politics.

*Junior course.* Prerequisite, Political Science 101-102 or 103-104.

*Hours* DE, JK

**Taub, Gaudino**

**Economics 304** *(formerly 301)* *Income, Employment and Growth*

The determinants of national income, employment, price level, and rate of growth in the economic system. Includes analysis of consumption and saving, factors affecting private investment, the growth process, prosperity and depression, the role of money, interactions between money and national income. Implications for public policy.

*Junior course.* Prerequisite, Economics 101-102 or 103-104.

*Hours* AB, DE

**Armstrong**

**Economics 306** *(formerly 303)* *Income, Employment and Growth*

This is a section of Economics 304 for students whose previous work in Economics has been of superior quality.

*Junior course.* Prerequisite, Economics 101-102 or 103-104.

*Hours* AB

**Eriksson**

**401-402 Problems in Political Economy**

*First semester:* Analysis of central political-economic issues confronting the U.S.S.R., new developing nations and Western Europe. Basic economics and politics of development, including cultural and institutional obstacles, mobilization of savings and investment, role of international trade and assistance. Political and economic institutions and processes in the U.S.S.R. and the Communist Bloc. Issues affecting European integration and consequences of that effort. Implications for U.S. foreign aid and diplomatic policies.

*Second semester:* Government policy-making in relation to the market system and interest groups in the United States and other political democracies. Domestic problems and policies in one or more West European countries, including such issues as planning and freedom, the welfare state, and economic growth. Specific issues of U.S. domestic policy; on the basis of library research and interviews in Washington with legislators, government officials, and interested private spokesmen, student committees prepare reports on timely U.S. policy issues and defend their analysis and recommendations in open sessions.

*Senior course.* Required course in the major. Prerequisites, Political Science 201, 302 and Economics 301 (303), 304 (306).

*Hours* FR

**First semester:** Greene, Power

**Second semester:** M. Brown, O'Brien

**H451-452 Senior Honors Thesis**
POLITICAL SCIENCE (Div. II)

DEPARTMENTAL STAFF for 1964-65

Chairman, Professor J. M. Burns*
Acting Chairman, Professor F. Greene**

Professor Schuman, Professor Burns*, Professor Greene, Associate Professor M. Brown, Associate Professor Simpson***, Associate Professor Tauber****, Assistant Professor Gaudino, Assistant Professor Ilchman****, Assistant Professor King, Assistant Professor Booth, Assistant Professor Hofferbert, Mr. C. Brown, Mr. Cohen.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses
Political Science 101-102 American and Foreign Governments (103-104 American and Foreign Politics)
Political Science 201-202* International Relations and World Politics
Political Science 301, 302, 304* Political Philosophy, Empirical Political Theory
Political Science 401-402 Political Problems

Parallel courses
Two semester courses in Political Science

*Students majoring in Political Science are required to take Political Science 101-102 (103-104), 201, and 401-402. In addition, each student must choose any three of the following four courses: Political Science 202, 301, 302, 304. Students electing to omit Political Science 202 may take Political Science 304 in the sophomore year. Students may elect to take all four of the courses just mentioned, in which case the parallel requirement is reduced to one semester course in Political Science.

The required courses in the departmental sequence deal broadly with comparative government, political philosophy, political theory, and international relations, leading to a study of the major problems of politics. The parallel courses treat two broad categories—American studies and foreign areas and systems. The major examination presupposes knowledge of the sequence and the parallel courses elected and ability to apply their content to the interpretation of political situations.

*On leave second semester 1964-65
**Second semester 1964-65
***On leave 1964-65
****First semester 1964-65
AREA STUDIES

Students majoring in Political Science who are undertaking a four-course Area Studies program, and who are candidates for the regular degree, may substitute one Area Studies course offered by another department for one of the (b) parallel courses. An Area Studies course in Political Science may be counted as the other (b) parallel course.

THE DEGREE WITH HONORS IN POLITICAL SCIENCE

Political Science majors who are accepted as candidates for the degree with honors may elect one of the following programs:

(1) **Two-year program of honors courses**
   - Required sequence courses
   - Four Honors Courses in Political Science*

(2) **Two-year program of honors courses and thesis**
   - Required sequence courses
   - Two honors courses in Political Science and
     Political Science H451-452 Senior Honors Thesis*

*Candidates electing to take Political Science 202, 301, 302, and 304 (instead of choosing any three of these as part of the sequence requirement) are required to take three honors courses under the two-year program of honors courses and one honors course under the two-year program of honors courses and thesis.

AREA STUDIES

Students majoring in Political Science who are undertaking a four-course Area Studies program, and who are candidates for an honors degree following program (1), based on honors courses, may substitute honors credit in one Area Studies course offered by another department for one of the four honors courses in Political Science. Honors credit in an Area Studies course in Political Science may be counted as another of the four. Honors candidates following program (2), based on a thesis, may count honors credit in an Area Studies course in Political Science as one of their two honors courses.

101-102 **American and Foreign Governments**

First semester: Government and politics of the United States. Institutional structure is examined as a reflection of the assumptions of liberal democracy and of the American social and economic system. The policy formation process is emphasized and some significant current problems are considered in detail.

Second semester: Democracy and dictatorship: an examination of contemporary governments. Parliamentary democracies are compared with dictatorships as al-
ternative forms of political organization. Theories of government are related to their respective institutional forms.

With the permission of the department, juniors and seniors may elect either semester separately.

*Freshman course.*

_Hours_ AB, DE, FR, GS, JK, MN, PF, QG

MEMBERS OF THE DEPARTMENT

103-104 _American and Foreign Politics_

Special and advanced seminar sections paralleling the course content of Political Science 101-102. Materials studied, both in quality and number, are above the normal introductory level. Course stresses comparison of political institutions, decision-processes, and class styles and values between the United States and the major regimes of Europe.

Admission in the fall is based on performance in secondary school and college courses dealing with allied subjects, as well as student interest in public affairs. In the spring students are admitted on the recommendation of their instructors for superior work in Political Science 101 or 103.

*Freshman course.*

_Hours_ BURNS, GAUDINO

201-202 _International Relations and World Politics_

*First semester:* A survey of the origins, forms, and forces of the Western State System, covering the conduct and practice of diplomacy, the structure and scope of international law, and the development and importance of international organization in modern world politics.

*Second semester:* An analysis of the contemporary problems of the Western State System, stressing the concept of power politics and the balance of power, the impact of nationalism and imperialism, the conduct of the foreign policies of the major powers, the struggle for peace, and the causes of war.

*Sophomore course.* Prerequisite, Political Science 101-102 (103-104).

_Hour_ L Mon., Fri. Conferences: L, M Wed. SCHUMAN, GREENE, O'LEARY

301, 302 _Political Philosophy_

The content of political philosophy from the Greeks through the moderns. A critical study of major political philosophies that provide systematic answers to the recurring questions about the nature of man, political society, and the proper method of studying politics.

*Junior course.* Prerequisite, Political Science 101-102 (103-104).

_Hours_ DE, JK TAUBER, GAUDINO
Political Science

304 Empirical Political Theory

After examining the nature of scientific inquiry and its applicability to political behavior and institutions, the course deals with propositions that contribute to the scientific understanding of the industrial, democratic polity. Emphasis on models of democracy, representation, participation, leadership, and political integration.

_Junior course._ Prerequisite, Political Science 101-102 (103-104).

_Hour_ FR

305 American State and Local Politics (Not offered 1965-66; to be offered 1966-67.)

A study of the relationships between the social setting, patterns of partisanship, and governmental processes of American states and their communities. Emphasis is given to case material and studies of the forms of political behavior which characterize these levels of political activity.

_Junior course._ Prerequisite, Political Science 101-102 (103-104).

_Hour_ QG

306 Topics in Modern Political Philosophy (Not offered 1965-66.)

The emphasis is on selected issues relevant to recurring themes in the works of modern political philosophers. Among the topics discussed are: the content and style of the new right and the new left, the intention and place of ideology, the rise of bureaucracy as a definitive regime, the authority of systematic theory, appraisals of mass society.

_Junior course._ Prerequisite, Political Science 101-102 (103-104) or History 101-102 (103-104) or by permission of the instructor.

_Hour_ JK

307 Public Administration (Not offered 1965-66.)

A study of public administration centered in the Federal Government’s executive-administrative departments and special agencies. Special emphasis is placed upon the constitutional sources, the principles of organization and the need for re-organization in the light of such principles, the functions performed by administration, the relations of administration to democracy, and the development of an American administrative law.

Lectures, discussions, reports.

_Junior course._ Prerequisite, Political Science 101-102 (103-104).

_Hour_ 1

309 American Voting Behavior (Offered 1965-66; not to be offered 1966-67.)

An analysis of various psychological and social factors affecting individuals’ voting decisions. Particular attention is paid to demographic, group theory, and psycho-dynamic approaches as applied to the study of voting behavior. Students are pro-
vided an opportunity to analyze source data from political surveys conducted by the Gallup, Roper, and other leading American research organizations.

**Junior course.** Prerequisite, Political Science 101-102 (103-104) or Psychology 201-202.

**Hour AB**

310 **Public Opinion and Pressure Groups (Offered 1965-66; not to be offered 1966-67.)**

An examination of social and psychological influences on the development and change of public opinion concerning contemporary domestic and international issues. Particular attention is given to the ways by which the mass media of communication and various interest groups attempt to affect public opinion. Both American and foreign survey data located at The Roper Center are used in connection with course projects.

**Junior course.** Prerequisite, Political Science 101-102 (103-104) or Psychology 201-202.

**Hour AB**

311 **Man and Society**

An examination of current approaches toward political and social analysis with particular attention to the contributions of semantics, personality study, and physical and cultural anthropology to the analysis of social attitudes and conduct in modern societies.

**Junior course.** Prerequisite, Political Science 101-102 (103-104).

**Hour K**

312 **Recent American Constitutional Problems (Offered 1965-66; not to be offered 1966-67.)**

A study of recent constitutional decisions arising out of the problems of federalism, the separation of powers, and individual civil and political liberty. Attention is given to constitutional decisions affecting the conduct of American foreign relations, the interaction of domestic forces and constitutional decisions, and the personnel of the Supreme Court in recent decades.

**Junior course.** Prerequisite, Political Science 101-102 (103-104).

**Hour AB**

[313 **The Far East (Not offered 1965-66; to be offered 1966-67.)**](#)

A study of recent political developments in the Far East. Major emphasis is placed on Japan under American occupation and after, the political revolution in China and its consequences, and developments in contemporary India. This area is then examined with special reference to American-Russian rivalry.

**Junior course.** Prerequisite, Political Science 101-102 (103-104).

**Hour JK**

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*Political Science*
Political Science

314 Contemporary Problems in U. S. Foreign Policy Making (Offered 1965-66; not to be offered 1966-67.)

An analysis of the formulation and practice of American foreign policy in the post-war period, with emphasis on its relation to the domestic political process. A study of the interplay of party and group politics, public opinion and foreign affairs. An examination of the constitutional relationship and relative powers of the President and Congress in the field of foreign policy. An evaluation of American policy in the Cold War in the light of the theories and concepts of international relations.

Junior course. Prerequisite, Political Science 101-102 (103-104).

Hour JK

315 American Parties and Politics (Not offered 1965-66; to be offered 1966-67.)

Political parties, their role in democracy, and the nature of the party system in relation to other social and political processes, including economic and social trends, interest groups, political leaders and leadership. Trends in party organization, principles, and leadership. Practical politics: the art of campaigning and vote-getting. Field studies of politicians and political districts. The major problem is the concentration and diffusion of political power in a mixed economy and a diverse society.

Junior course. Prerequisite, Political Science 101-102 (103-104).

Hour AB

316 Presidential Leadership and the Legislative Process (Not offered 1965-66; to be offered 1966-67.)

A study of the policy-making process in American government, with special emphasis on executive-legislative relationships, the nature and functioning of the legislative process, the respective roles of Congress and the President, and the focus of responsibility for public policy in modern American democracy. Case studies in policy-making. Lectures, reading, and class discussions.

Junior course. Prerequisite, Political Science 101-102 (103-104).

Hour PF

317 American Political Thought (Offered 1965-66; not to be offered 1966-67.)

An examination of the major phases of American political thought from colonial times to the present. The outstanding testaments of intellectuals, political leaders, and Supreme Court opinion writers will be studied. Among the topics analyzed will be the relation of political ideas to their underlying contemporary controversies and institutions, the efficacy and durability of various American ideological strands, and the impact of traditional ideas on present political behavior.

Junior course. Prerequisite, Political Science 101-102 (103-104) or History 201-202 (203-204).

Hour MN

M. Brown
H318  Soviet Union  (To be offered this semester only as an honors course.)

An intensive study of the history, government, social institutions, and diplomacy of the U.S.S.R.: The Russian Revolution; the politics and economics of Soviet Communism in theory and practice, in comparison with Democracy and Fascism; Constitution and Government of the Soviet Union, with special attention to federalism, nationalism, economic planning, and the Communist Party; the transition from “world revolution” to “socialism in one country”; Soviet foreign policy before, during, and since World War II; current issues of Anglo-Soviet and American-Soviet relations: the role and prospects of the U.S.S.R. in the world of tomorrow.

Junior course.  Prerequisite, Political Science 101-102 (103-104).

Hour  K  Maynard

[320  The Comparative Analysis of Political Systems  (Not offered 1965-66.)

A critical examination of recent research in behavioral political science that attempts to interrelate and explain political institutions and political behavior by utilizing frameworks and theories that can be applied across the boundaries of particular political systems. Readings deal with both constitutional and totalitarian political systems and include Non-Western as well as Western regimes.

Junior course.  Prerequisite, Political Science 101-102 (103-104).

Hour  GS  Booth]

321  The Politics of India  (Offered 1965-66; not to be offered 1966-67.)

An inquiry into the social and cultural background of Indian politics, the institutions of British colonial rule, the forces leading to independence, the development of the institutions and thought-patterns of nationhood, the Imperial “legacy”, the persistent domestic problems, and India’s relations with the outside world.

Junior course.  Prerequisite, Political Science 101-102 (103-104).

Hour  AB  Gaudino

[323  The Political Systems of West Africa  (Not offered 1965-66; to be offered 1966-67.)

A comparative study that focuses attention on the development of the two most important political systems of West Africa, Nigeria and Ghana. Emphasis is placed on the interaction between tribal and party and parliamentary structures in the two countries, with attention to the character and viability of their parliamentary regimes. Depending upon availability of materials, class discussions and student papers will deal with other political systems of West Africa, for purposes of comparison and contrast.

Junior course.  Prerequisite, Political Science 101-102 (103-104) or by permission of the instructor.

Hour  PF  Booth]
Political Science

325 Latin American Politics
A comparative analysis of the problems of political development in several Latin American nations. The nations considered represent types of the political system: e.g., political democracy, 'tutelary' democracy, and totalitarian oligarchy. Discussion of obstacles to national unification and patterns of political participation.

*Junior course.* Prerequisite, Political Science 101-102 (103-104).

*Hour* GS

327 Civil Liberties in the United States
A study of civil liberties in American society, emphasizing both theory and practice. Judicial decisions, historical materials, the works of political philosophers, and contemporary social criticism are studied in an attempt to enhance the understanding of basic justifications of our civil liberties, and the factors and forces that restrict or enlarge them.

*Junior course.* Prerequisite, Political Science 101-102 (103-104).

*Hour* QG

332 Politics and Culture of the Middle East (Offered 1965-66; not to be offered 1966-67.)
The intent of this course is to acquaint the student in depth with the richness and diversity of one of the major non-Western culture areas. The course surveys and analyzes the history, culture, and institutions of the three sub-divisions of the Middle East: The Arab Heartland (Egypt, Saudi Arabia, Yemen, Syria, Lebanon, Jordan, and Iraq); the Maghreb (Morocco, Algeria, Tunisia, and Libya); The non-Arab Periphery (Turkey, Iran, and Israel).

*Junior course.* Open to sophomores by petition. Prerequisite, Political Science 101-102 (103-104) or History 101-102 (103-104).

*Hour* DE

401-402 Political Problems
One semester deals with the relation of classic values in Western political thought to modern politics and public policy, with emphasis on the United States. This is an integrating course that seeks to illuminate the relations of political means and democratic ends by bringing to bear on important contemporary problems the various tools, insights, and theories of political science.

The other semester will deal with political problems of Europe: comparative government and international relations. A study of the major European governments. The domestic problems and policies of each state are studied in relation to institutional, economic, and ideological factors. Emphasis is placed on the new international position of this area with reference to individual national policies.

*Senior course.* Required course in the major. Prerequisite, Political Science 301, 302.

*Hour* 401-DE
402-FR

- 182 -
[H352  Public Opinion, Propaganda and Pressure Groups (Not offered 1965-66; to be offered 1966-67.)

An intensive study of the nature and development of public opinion on matters of public policy. Particular consideration is given to the role, both actual and potential, of opinion as it may affect such aspects of the political process as the nomination of candidates, foreign policy decisions, and the development of legislation on domestic problems. The course includes case studies of the structure and political functions of selected pressure groups.

Students may not receive credit for both Political Science 310 and H352.

Honors course for juniors and seniors. Prerequisite, Political Science 101-102 (103-104).

Hour  AB  Hastings]

[H353  Political Socialization (Not offered 1965-66; to be offered 1966-67.)

An intensive inquiry into the development of political values, frames of reference, and attitudes. Examined critically are the relationships between the political socialization process and such behavioral phenomena as persistent party allegiance, independent voting, and level and form of political participation.

Students may not receive credit for both Political Science 309 and H353.

Honors course for juniors and seniors. Prerequisite, Political Science 101-102 (103-104).

Hour  AB  Hastings]

[H354  American National Security Policy (Not offered 1965-66; to be offered 1966-67.)

A study of American efforts to attain national security in the period since 1945. Emphasis is placed upon the relationship of this problem to American diplomacy, the development of military technology and the problems of strategy, and the political considerations of feasibility in policy-making.

Honors course for juniors and seniors. Prerequisite, permission of instructor.

Hour  JK  Greene]

[H355  American Political Theory (Not offered 1965-66; to be offered 1966-67.)

A close examination of major phases of American political thought since the Revolution. Thinkers studied include both intellectuals and practitioners in politics and other areas, with special emphasis on Supreme Court opinions as embodying some of the most significant political and social thought in this country. Among the topics considered are: the manner in which ideas are converted into practical political debate; the relation of political ideas to public opinion; and the nature of the liberal and conservative political traditions in the United States.

Honors course for juniors and seniors. Prerequisite, Political Science 101-102 (103-104) or History 201-202 (203-204).

Hour  QG  Brown]
**Political Science**

**H356 Problems of Presidential and Congressional Policy-making (Offered 1965-66; not to be offered 1966-67.)**

The politics of American national legislative and executive policy decisions. The impact of the Constitution and political tradition, political parties, organizational patterns, procedural rules, interest groups, public opinion, personality, and other factors. Case studies, memoirs, and major interpretive readings.

*Honors course for juniors and seniors.* Prerequisite, Political Science 101-102 (103-104).

*Hour PQ*  

**M. Brown**

**H357 Political Power in America (Offered 1965-66; not to be offered 1966-67.)**

Patterns of political power in a mixed economy and diverse society. The class will discuss elitist, monist, and pluralistic theories of power, and such theorists as Marx, Lasswell, and Mills. Power will be defined broadly to embrace patterns of influence within business, labor, and other groups, as well as within political parties and government. Emphasis on case studies.

*Honors course for juniors and seniors.* Prerequisite, Political Science 101-102 (103-104).

*Hour PQ*  

**C. Brown**

**H358 Modern Problems in American Constitutional Law (Not offered 1965-66; to be offered 1966-67.)**

A study of selected problems in modern constitutional law, based on case readings, commentaries, secondary materials, and judicial biography. Emphasis is placed on modern and current problems and on the role of the judiciary as an aspect of the study of political behavior. Among the selected areas are: the “inherent” powers of the presidency, civil and religious rights, equal protection of the laws, the control of subversion, loyalty and security procedures, congressional powers of investigation.

*Honors course for juniors and seniors.* Prerequisite, Political Science 101-102 (103-104) or History 201-202 (203-204).

*Hour PF*  

**M. Brown**

**H359 The Conduct of United States Foreign Policy (Not offered 1965-66; to be offered 1966-67.)**

An examination of the historical, cultural, political, and administrative setting that both animates and limits current American foreign policy. The general inter-relationships of these factors are analyzed through lectures, readings, discussions and individual research dealing with recent policy problems.

*Honors course for juniors and seniors.* Prerequisite, Political Science 101-102 (103-104).

*Hour PF*  

**M. Brown**
H362  A Study of Method
A consideration of issues raised by the assumptions of contemporary political science, with discussion of alternative approaches to the study of politics.

Honors course for juniors and seniors.  Prerequisite, Political Science 101-102 (103-104).

Hour  QG  GAUDINO

H363 Political Thought and Development in the Non-western World
A study of classical and modern sources that help characterize both traditional and contemporary attitudes in selected Non-western countries. An attempt to achieve insight into the modern situation by close analysis of ideas and passions which inform it.

Honors course for juniors and seniors.  Prerequisite, Political Science 101-102 (103-104).

Hour  AB  GREENE

H364 International Organization (Not offered 1965-66; to be offered 1966-67.)
An intensive and concrete inquiry into various aspects and problems of the efforts of twentieth century mankind to establish order, in place of anarchy, in the global community of nations. Attention is given to selected aspects of the structure and functioning of the League of Nations and the United Nations Organizations, along with “functionalist” and regional approaches to international organization. Various movements, both public and private, looking toward world government are studied. Consideration is given to the status and prospects of the Free World and the Communist bloc as potential nuclei of a Universal State, or World Government.

Honors course for juniors and seniors.  Prerequisite, Political Science 201-202.

Hour  QG  SCHUMAN

H365 Topics in Modern Socialist Thought (Offered 1965-66; not to be offered 1966-67.)
Selected issues in modern socialism. The course will stress analysis of Marxist thought and of the revisionist, Leninist, and Titoist variants. Special attention will be paid to Fabianism.

Honors course for juniors and seniors.  Prerequisite, Political Science 101-102 (103-104) or permission of the department.

Hour  QG  TAUBER

H370 The Political Cultures of France (Not offered 1965-66.)
A study of the relations between the thought patterns of some representative French thinkers and the structure of social and political institutions. Readings from the works of such men as Descartes, Montaigne, Quesnay, Comte, Barres, Peguy, and others. The institutions analyzed are the nobility, bourgeoisie, peasantry, working class, the educational systems, industry, agriculture, and the church. An attempt is made to show how traditional thought patterns characterize the forms and formulae conditioning the evolution of modern politics.

Honors course for juniors and seniors.  Prerequisite, Political Science 101-102 (103-104) or by permission of the instructor.

Hour  GS  KING

H451-452 Senior Honors Thesis

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PSYCHOLOGY (Div. II)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor R. O. Rouse

Professor Jenness, Professor Hastings, Professor Rouse, Assistant Professor McGill*, Assistant Professor Eimas, Assistant Professor Kleck.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

Psychology 201-202 General Psychology
Psychology 303-304 Experimental and Quantitative Methods in Psychology
Psychology 401-402 Psychological Theory

Parallel courses

(a) Two semesters chosen from the following:
   Psychology 301 Psychology of Personality
   Psychology 302 Psychology of Abnormal Behavior
   Psychology 305 Introductory Social Psychology
   Psychology 306 Special Topics in Social Psychology

(b) Two additional semester courses in Psychology

The introductory course is designed to acquaint the student with psychological methods, data, and theory in order to further his understanding of human nature in everyday life and in a program of liberal education. The major sequence and parallel courses introduce the student to the more specialized study of human behavior, either as part of a general education or as preparation for graduate and professional study in Psychology. Students who have completed Psychology 201-202 as freshmen may register during their sophomore year for any junior course in Psychology.

THE DEGREE WITH HONORS IN PSYCHOLOGY

Honors candidates must complete Psychology H451-452 in addition to the sequence and parallel courses, with the exception that one or two honors courses in Psychology may be substituted for one or two semesters of (b) parallel courses. Students qualifying for sophomore honors and who have completed Psychology 201-202 may, with the consent of the Department, register for two junior courses or honors seminars in Psychology.

*On leave 1964-65
201-202 *General Psychology*

Fundamental principles of human behavior with emphasis upon mental activities. Motivation, feeling and emotion, maturation and development, sensation and perception, imagination, learning and memory, thinking, intelligence, aptitudes and interests, individual differences, personality, psychoanalytic concepts, introduction to social and institutional behavior.

*Sophomore course.* Open to freshmen who are especially interested in Psychology.

*Hour C*


McGill, Eimas, Kleck

*Members of the Department*

301 *Psychology of Personality*

Various approaches to the study of personality and its development: analytical, typological, and whole methods. Common and unique traits; expressive behavior; character, attitudes, and values; appetites and aversions. Theories of motivation; biological and social determinants of personality; economic and cultural circumstances affecting personality. Inferences and conclusions from ratings, tests, observations, and personal documents.

*Junior course.* Prerequisite, Psychology 201-202.

*Hour L*

Jenness

302 *Psychology of Abnormal Behavior*

An attempt to understand human behavior through a study of its exaggerations and deficiencies. Biological and social origins of behavior pathology in childhood and adolescence; need, frustration, conflict; basic adjustment techniques; suggestion and hypnosis; abnormalities of intelligence, perception, memory, thought, and role-taking; psychological aspects of neurotic and psychotic disorders and their therapy. Visits to psychiatric hospitals and special schools will be arranged.

*Junior course.* Prerequisite, Psychology 301 or Psychology 201-202 and permission of the instructor.

*Hour L*

Jenness

303-304 *Experimental and Quantitative Methods in Psychology*

Thinking, motivation, emotion, learning, memory, sensation, perception, and aptitude testing. Research methods in these areas. Introduction to techniques of collecting, treating statistically, and interpreting psychological data. Every student conducts an individual research project selected according to his degree of skill in statistical and other research techniques.

Lectures, laboratory or practicum, field trips, six hours a week.

*Junior course.* Prerequisite, Psychology 201-202.

*Hour JK and FFGG*

Edmas
305 *Introductory Social Psychology*

An introduction to the study of the behavior of the individual in society. The socialization process is critically examined in light of the contributions of academic psychology, cultural anthropology, sociology, and Freudian and neo-Freudian theory. Special consideration is given to such topics as the meaning of the concepts of groups, group structure and function, and the nature and development of group leadership. At least one field trip to the Berkshire Industrial Farm.

**Junior course.** Prerequisite, Psychology 201-202.

**Hour DE**

HASTINGS

306 *Special Topics in Social Psychology*

A systematic examination of such topics as the development, change, and measurement of attitudes; social class structure; public opinion and propaganda; social movements. Introduction to various applied problems such as techniques for controlling minority group prejudice; consumer research; human relations in business and industry. The facilities of the Roper Public Opinion Research Center are available for those electing to engage in field projects in such areas as attitude and opinion measurement.

**Junior course.** Prerequisite, Psychology 201-202.

**Hour DE**

HASTINGS

307 *Physiological Psychology*

A study of the physiological correlates of behavior. The nervous system, the sense organs, the endocrine glands, and the motor system are studied in relation to sensation and perception, motivation, emotion, instinctive behavior, and learning; evidence for the inheritance of certain behavior patterns is considered. Each student will carry out an experimental investigation concerned with some aspect of physiological psychology.

**Junior course.** Prerequisite, Psychology 201-202 or Biology 202 and permission of the instructor.

**Hour AB**

McGILL

308 *Comparative Psychology*

A study of the evolution of behavior through comparison of the behavioral patterns of representative species of the major phyla. Generalizations are drawn concerning the effects of behavior on the process of evolution, the degree of instinctive control of behavior, and the possibilities of modifying behavior through learning for each of the major animal groups. The development and effects of social behavior in animals are studied. Each student will carry out an experimental investigation concerned with some aspect of comparative psychology.

**Junior course.** Prerequisite, Psychology 201-202 or Biology 202 and permission of the instructor.

**Hour AB**

McGILL
401-402  Psychological Theory

The aim of this course is to coordinate, integrate, and advance the student's knowledge of psychology through (1) a survey of the practical applications of psychological principles and techniques, emphasizing the contributions of applied psychologists to basic theory in psychology, (2) a critical examination of theories of sensation, perception, learning, memory, and emotion and of the various points of view in the systematic interpretation of psychological data and social phenomena.

Senior course. Required course in the major. Prerequisite, Psychology 303-304.

Hour FRGS (1:00-3:00)

HONORS COURSES

H352  Junior Honors Thesis

Individual or group study under the guidance of members of the department, designed to introduce the student to the literature of one or more of the special fields of psychology. After selecting a problem for investigation, the student plans a research project to be carried out early in the senior year.

Junior honors course. Prerequisites, Psychology 201-202 and an additional year course in Psychology or its equivalent.

H354  Human Groups

An analysis of the structure of groups and of group processes in terms of contemporary psychological and sociological frames of reference. Particular attention is given to the methods and results of experimental studies of small groups.

Honors course for juniors and seniors. Prerequisite, Psychology 201-202.

Hour PF

Kleck

H451-452  Senior Honors Thesis

Independent study and research under the guidance of one or more members of the department. After exploring the literature of a relatively specialized field of psychology, ordinarily the student will design and execute a minor research project, the results of which will be reported in a thesis. In exceptional cases, the thesis may consist of a critical survey of the literature bearing on a special topic in psychology.

Prerequisite, Psychology 303-304.
PUBLIC SPEAKING (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor G. G. Connelly

COURSES OF INSTRUCTION 1965-66

301-302 Speech, Debate, and Discussion

First semester: A practical course in speech composition and delivery to develop the student's ability to speak directly and effectively.

Second semester: The study of evidence, methods of analysis and argument, fallacies, and cross-examination. Debate, discussion and argument of current controversial questions and well-known legal cases.

Junior course. Open to sophomores with permission of the instructor.

Hours C, D, K, L

Connelly

RELIGION (Div. II)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Associate Professor J. W. Chandler*

Acting Chairman, Associate Professor J. D. Eusden

Associate Professor Chandler *, Associate Professor Eusden, Assistant Professor Peck, Visiting Assistant Professor Jackson, Assistant Professor Little.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM

Sequence courses

Religion 201-202 Introduction to Religion
Religion 301 Primitive Religion
Religion 302 Development of Early Christian Thought
Religion 401-402 Types of Religious Thought

Parallel courses

(a) Religion 303 The Faith of Israel
    Religion 304 Introduction to the New Testament

(b) Two additional semester courses, one of which must be in Religion and one of which may be elected from the following: Art 310; History 308, 309; or Philosophy 316

*On sabbatical leave 1964-65
The first half of Religion 201 deals with the general phenomenology of religion in an attempt to delimit and clearly define those modes of human response and activity which may be termed religious. Operating with the definitions and concepts formulated in this part of the course, the remainder of Religion 201 and 202 consists of an examination of the major Oriental religions and the major religions of the Western world. The remainder of the sequence courses examine in systematic and historical depth the religious ideas and institutions of both pre-literate and literate societies.

Religion 303 and 304 are designed to acquaint the student with the major motifs of the Bible, by presenting the leading theological aims and methods of the biblical writers through analysis of representative texts. Some attention is given to the results of modern scholarship as well as the important areas of disagreement, but the emphasis is placed upon a presentation of the context of the Bible in its contemporary setting as the necessary prerequisite for an understanding of later developments in Judaism and Christianity.

Philosophy 101-102 (104) and History 101-102 (103-104) are advisable for any student majoring in Religion, and especially for majors who are considering graduate study in Religion.

THE DEGREE WITH HONORS IN RELIGION

Students majoring in Religion who plan to become candidates for the degree with honors may elect one of the following programs:

(1) **TWO-YEAR PROGRAM OF HONORS COURSES**

Required sequence courses
(a) parallel courses and
Four honors courses in Religion
With the consent of the department an honors course in another department may be substituted for one of the four honors courses in Religion

(2) **TWO-YEAR PROGRAM OF HONORS COURSES AND THESIS**

Required sequence courses
(a) parallel courses,
Two honors courses in Religion, and
Religion H451-452 Senior Honors Thesis

201-202 *Introduction to Religion*

*First semester:* Study of the phenomenology of religion, both primitive and civilized, in an attempt to arrive at adequate theories and definitions. Special attention to Oriental religions in the second half of the semester.

*Second semester:* The development of the religious consciousness in the West.

One lecture and two conference hours per week.

*Sophomore course.* Open to freshmen who are especially interested in religion.

*Hour M Conference hours: B, C, J, M*  

**MEMBERS OF THE DEPARTMENT**
Religion

301 Primitive Religion
Survey of primitive religions, with concentration on the early Greeks and various Australian tribes. The evolution of Greek religion from its earliest traceable origins to Aeschylus and Sophocles. Psychoanalytic, sociological, and theological interpretations.

Junior course. Prerequisite, Religion 201-202.
Hour DE Peck

302 Development of Early Christian Thought
An examination of selected major biblical themes, and the way in which they were interpreted by the rabbis to the close of the Talmud and by the Church Fathers to Augustine.

Junior course. Prerequisite, Religion 201-202.
Hour DE C. W. Fox

303 The Faith of Israel
Introduction to the literature and religion of the Old Testament in the light of the history of Israel and against the background of the ancient Near East.

Junior course.
Hour AB C. W. Fox

304 Introduction to the New Testament

Junior course.
Hour PF C. W. Fox

305 Religion and Social Ethics
An investigation of moral problems in contemporary society, pursued through an examination of: 1) normative alternatives presented by ethicists, theologians, and religious traditions; and 2) descriptive-analytical studies of the social sciences. Among the problem areas of special consideration will be: 1) marriage and the family; 2) economic life; 3) political life; 4) race relations; 5) international relations.

Junior course. Prerequisite, Religion 201-202 or Philosophy 101-102 (104) or History 101-102 (103-104).
Hour D Conference hours: K, P, Q Little
Religion

307 Problems in Contemporary Religious Thought (Not offered 1965-66.)
A consideration of such problems as the nature of religious language and symbols, the concept of God, the bearing of Christian faith upon the interpretation of history, the relationship between religion and culture, and the relationship between science and religion. Readings in the works of contemporary theologians and philosophers whose writings deal with the topical areas listed above.

Junior course. Prerequisite, Religion 201-202 or Philosophy 101-102 (104).

308 Religion and Modern Secularism
An inquiry into the religious background of and response to certain strains in modern secular thought. Various theories relating to the structure and dynamics of human culture, society, and selfhood will be explored. Special attention to be given to the thought of Tillich, Weber, Marx, Buber, and Freud.

Junior course. Prerequisite, Religion 201-202.

310 Psychology of Religion
A critical study of the religious consciousness through the analysis of primary sources in Eastern and Western religions, with special emphasis on the literature of the mystics. Conducted in the light of contributions of William James, Freud, Jung, and their successors.

Junior course. Prerequisite, Psychology 201-202 or Religion 201-202.

311 American Religious Thought: Colonial Period to 1925
A study of “the Puritan heritage” (including its European antecedents and its continuing place in American life), Revivalism, American Catholic thought, Unitarianism, the Social Gospel, and Fundamentalism.

Junior course. Prerequisite, Religion 201-202 or History 201-202 (203-204).

312 The Quest of the Historical Jesus
An examination of twentieth century efforts to recover the “Jesus of history,” with emphasis on such related movements as form criticism, Existentialism, and demythologization. Special attention will also be given to the problem of historical interpretation as such, as well as to the sense in which the methods involved in such interpretation may bear upon different ways of understanding human life.

Junior course. Prerequisite, Religion 201-202 or Religion 304.
Religion

314 Church and State

An examination of the relationship of church and state, historical and contempo­

rary. The policies and ideologies of Communist states towards religion will be analyzed. Primary attention will be given to the U.S.A. Such problems as birth control, tax support of parochial schools, censorship, the church-in-politics, and the meaning of religious freedom will be examined.

Junior course. Prerequisite, History 201-202 (203-204) or Political Science 101-102 (103-104) or permission of the instructor.

Hour FR

318 Oriental Religions: India and Southeast Asia

A study of the religious ideas and institutions of India and Southeast Asia, with special attention to such topics as: Hinduism; the Theravada form of Buddhism; Sikhism; Jainism; the impact of Western religious, scientific, and philosophical thought on Hinduism and Buddhism.

Junior course. Prerequisite, Religion 201-202.

Hour AB

401-402 Types of Religious Thought

First semester: An intensive and critical study focusing on the background and sub­

stance of the thought of Paul Tillich, Reinhold Niebuhr, and H. Richard Niebuhr; with some consideration to be given to recent American theological responses to the use of existentialist categories and linguistic analytic methods in interpreting the quest for religious meaning.

Second semester: The thought of Karl Barth with supplementary studies of such figures as Schleiermacher, Feuerbach, Kierkegaard, Nietzsche, Brunner, Heidegger, Rahner, and Bonhoeffer.

Senior course. Required course in the major. Prerequisites, Religion 201-202, 301-302.

Hour JK

First semester: Little
Second semester: Peck
HONORS COURSES

[H351 Special Topics in Religious Ethics (Not offered 1965-66.)
An examination of such concepts as love, justice, power, and law. Readings from St. Augustine, St. Thomas Aquinas, Luther, Maritain, Messner, D’Arcy, Reinhold Niebuhr, Tillich, Brunner.
Honors course for juniors and seniors. Prerequisite, Religion 201-202 or Religion 308.
Hour CHANDLER]

[H352 Theology of the Reformation Era (Not offered 1965-66.)
A study of the thought of the Protestant and Roman Catholic Reformation movements of the sixteenth and seventeenth centuries. Special attention to Luther, Calvin, the Puritans, St. Ignatius Loyola, the Catholic mystics, and the Council of Trent.
Honors course for juniors and seniors. Prerequisite, Religion 201-202 or History 101-102 (103-104).
Hour EUSDEN]

[H354 The Quest of the Historical Jesus
Taken by Honors candidates in place of Religion 312. Follows the same program as the latter but with special reading, papers, and conferences.
Honors course for juniors and seniors. Prerequisite, Religion 201-202 or Religion 304.
Hour FR LITTLE]

[H355 Historical Consciousness in Recent Religious Thought (Not offered 1965-66.)
A study of the impact of the rise of modern historical consciousness upon recent religious and ethical thought, with special attention to be given throughout to the category of historical “understanding”. Readings from Dilthey, Royce, Collingwood, Troeltsch, Kierkegaard, Barth, Bultmann, Tillich, the Niebuhrs.
Honors course for juniors and seniors. Prerequisite, Religion 201-202 or Philosophy 101-102 (104).
Hour LITTLE]

[H357 The Interpretation of Religion
Selected efforts to understand or explain the phenomena of religion will be considered, with special reference to the problems of defining religion, asserting its non-reducible character, and analyzing its language. Material from the following interpreters will be read: Hume, Kant, Schleiermacher, Troeltsch, Otto, Van der Leeuw, Barth, Tillich, and Ninian Smart.
Honors course for juniors and seniors. Prerequisite, Religion 201-202 or Philosophy 101-102 (104).
Hour PF C. W. FOX]
ROMANIC LANGUAGES (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Professor A. C. Piper

Professor Piper, Professor Savacool, Associate Professor Pérez, Associate Professor Pistorius, Assistant Professor Worthen, Mr. Marshall, Mr. Girard, Mr. T. A. Perry, Mr. Morton.

COURSES OF INSTRUCTION 1965-66

FRENCH (Div. I)

MAJOR PROGRAM

Sequence courses

French 107-108 General Introduction to French Literature
French 201-202 French Literature of the Nineteenth Century
French 301-302 French Literature of the Seventeenth and Eighteenth Centuries
French 401-402 Studies in French Literature

Parallel courses

French 303-304 The French Novel Since 1900 or
French 305-306 Symbolist Poetry and Modern Theatre

The four courses in the departmental sequence and the parallel courses in French carry the student through French literature of the sixteenth, seventeenth, eighteenth, and nineteenth centuries, as well as the contemporary period. It is upon these courses that the major examination is based. It is the aim of the major, by tracing the different literary movements through the centuries, to show the development of French culture and civilization and their contribution to the world of literature.

Students intending to major in French are urged to consider the possibility of taking their junior year in France. They should discuss their program with a member of the department prior to the beginning of sophomore year.

- 196 -
The Degree with Honors in French

Eligible students majoring in French who plan to become candidates for the degree with honors may do so by electing one of the four following programs:

1. **Two-year Program of Honors Courses**
   - **Junior year, first semester**
     - French 301 French Literature of the Seventeenth Century
     - The honors course offered in Comparative Literature: Studies in Continental Literature for the given semester
   - **Junior year, second semester**
     - French 302 French Literature of the Eighteenth Century
     - The honors course offered in Comparative Literature: Studies in Continental Literature for the given semester
   - **Senior year, first semester**
     - French 401 French Literature of the Middle Ages and the Renaissance
     - The honors course offered in Comparative Literature: Studies in Continental Literature for the given semester
   - **Senior year, second semester**
     - French 402 Studies in French Literature since 1600
     - The honors course offered in Comparative Literature: Studies in Continental Literature for the given semester

2. **Two-year Program of Honors Courses and Thesis**
   - **Junior year, first semester**
     - French 301 French Literature of the Seventeenth Century
     - The honors course offered in Comparative Literature: Studies in Continental Literature for the given semester
   - **Junior year, second semester**
     - French 302 French Literature of the Eighteenth Century
     - The honors course offered in Comparative Literature: Studies in Continental Literature for the given semester
   - **Senior year, first and second semesters**
     - French 401-402 Studies in French Literature
     - French H451-452 Senior Honors Thesis

3. **Two-year Program of Independent Study Culminating in an Honors Thesis**
   - **Junior year, first and second semesters**
     - French 301-302 French Literature of the Seventeenth and Eighteenth Centuries
     - French H351-352 Junior Honors Thesis
French

Senior year, first and second semesters
French 401-402 Studies in French Literature
French H451-452 Senior Honors Thesis

(4) One-year program of independent study culminating in a thesis
(for students entering the honors program at the beginning of the senior year)

Junior year, first and second semesters
French 301-302 French Literature of the Seventeenth and Eighteenth Centuries
One other course in French:
  French 303-304 The French Novel Since 1900, or
  French 305-306 Symbolist Poetry and Modern Theatre

Senior year, first and second semesters
French 401-402 Studies in French Literature
French H451-452 Senior Honors Thesis

LANGUAGE COURSES

101-102 Elementary French

Grammar and composition, reading modern French, special training in conversational French; dictation.

This course is conducted by the intensive oral method. The class meets four hours a week; but in addition, as part of their preparation, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. For students who have studied less than two years of French in secondary school. Enrollment limited. Preference will be given to those students who have already satisfied the foreign language requirement in another language.

Hours J and P

103-104 Intermediate French

Continuation of French 101-102, with stress on the spoken language and extensive reading of modern prose.

The class meets three hours a week with the exception of one section, known as a corrective section, which meets five times a week. Students are placed in the corrective section on the basis of their past record or on the recommendation of their instructor; they are returned to a regular section when, in the judgment of the instructor, they no longer need the additional class instruction.

As part of their preparation, students of all sections are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. Prerequisite, French 101-102 or two years of French in secondary school.

Hours A, C, F, M

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LITERATURE COURSES

107-108 General Introduction to French Literature

Study and interpretation of representative works from the classical period to modern times. Lectures, reading, and written exercises. Conducted in French as far as is feasible. Freshman course. Prerequisite, French 103-104 or three or more years of French in secondary school.

Hours B, D, G, K, M Occasional lectures F Wed. SAVACOOL, PISTORIUS, MORTON

201-202 French Literature of the Nineteenth Century

The first semester is devoted to a study of a number of pre-Romantic and Romantic authors, aimed primarily at defining new departures in poetry, drama and prose narrative of the period. The second semester deals primarily with Baudelaire, Flaubert and Zola, with particular attention to prolongations of the Romantic spirit in literature of the latter half of the century. Conducted in French. Lectures, readings, written reports.

Sophomore course. Prerequisite, French 107-108 or permission of the department. With the permission of the department, the first semester may be taken as a separate course, but the second semester may not be taken without the first.

Hours B, K PISTORIUS

301-302 French Literature of the Seventeenth and Eighteenth Centuries

A study of the Classical Age followed by a survey of its prolongation and transformation during the Age of Enlightenment. A detailed study of the works of Corneille, Molière, Racine, Pascal, Montesquieu, Voltaire, Diderot, and Rousseau. Conducted in French. Lectures, readings, written reports.

Junior course. Prerequisite, French 107-108 or 201-202. With permission of the department, either semester may be taken as a separate course.

Hour L PISTORIUS

[303-304 The French Novel Since 1900 (Not offered 1965-66; to be offered 1966-67.)

A study of representative French fiction of the modern era.

First semester: From the naturalists to Proust.

Second semester: From Gide to Sartre and Camus. Conducted in French. Lectures, readings, written reports.

Junior course. Prerequisite, French 201-202 or 301-302.

Hour MN SAVACOOL]
305-306  Symbolist Poetry and Modern Theatre (Offered 1965-66; not to be offered 1966-67.)

First semester:  Poetry and doctrines from Baudelaire to surrealism.

Second semester:  The French theatre from 1900 to the present day. A critical study of plays by Cocteau, Claudel, Giraudoux, Anouilh, Sartre, and Camus. Conducted in French. Lectures, readings, written reports.

Junior course. Prerequisite, French 201-202 or 301-302. With the permission of the department the first semester may be taken as a separate course, but the second semester may not be taken without the first.

Hour  MN  SAVACOOL

401-402  Studies in French Literature

First semester:  French literature of the Middle Ages and the Renaissance.

Second semester:  Selected works from 1600 to the present day. The second semester aims to fill in gaps and to correlate work the student has done in other French courses.

Senior course. Required course in the major. Prerequisite, French 201-202 or 301-302.

Hour  FR  SAVACOOL

HONORS COURSES

H351-352  Junior Honors Thesis

[Comparative Literature H353  Studies in Continental Literature: The Enlightenment (Not offered 1965-66; to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour  DE  ]

[Comparative Literature H354  Studies in Continental Literature: Baroque Literature (Not offered 1965-66.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour  DE  PÉREZ]

[Comparative Literature H355  Studies in Continental Literature: Manifestations of Romanticism (Not offered 1965-66; to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour  DE  ]
French, Italian

Comparative Literature H356 Studies in Continental Literature: Naturalism (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or German 107-108 or Spanish 107-108.

Hour DE

Comparative Literature H357 Studies in Continental Literature: Existentialism in Literature (Offered 1965-66; not to be offered 1966-67.)

Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.

Hour DE

H451-452 Senior Honors Thesis

ITALIAN (Div. I)

[101-102 Elementary Italian (Not offered 1965-66.)

This course assumes some previous foreign language training on the part of the student. Extensive practice given in understanding and using simple spoken Italian. The essential features of Italian syntax are presented in the first semester. The second semester stresses development of ability to read rapidly and accurately.

The class meets three times a week; but in addition, as part of their preparation, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. Requires no previous study of Italian, but open only to those freshmen who show evidence of satisfactory work in some other foreign language.

Hour

[103-104 Intermediate Italian (Not offered 1965-66.)

Extensive reading in Italian literature. Continued practice in the use of the spoken language.

The class meets three hours a week. In addition, as part of their preparation, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. Prerequisite, Italian 101-102 or the permission of the department.

Hour]
SPANISH (Div. I)

MAJOR PROGRAM

Sequence courses
Spanish 107-108  Introduction to Spanish Civilization
Spanish 301-302  Spanish Literature of the Golden Age
Spanish 401-402  Studies in Spanish Literature

Parallel courses
Two year-courses from the following:
Spanish 105-106  Advanced Spanish
Spanish 201-202  From Romanticism through the Generation of 1898
Spanish 203-204  Spanish American Literature

The three courses in the departmental sequence and the parallel courses in Spanish carry the student through Spanish literature of the sixteenth, seventeenth, eighteenth, and nineteenth centuries, as well as the contemporary period. It is upon these courses that the major examination is based. It is the aim of the major, by tracing the different literary movements through the centuries, to show the development of Spanish culture and civilization and their contribution to the world of literature.

Students intending to major in Spanish are urged to consider the possibility of taking their junior year in Spain. They should discuss their program with a member of the department prior to the beginning of sophomore year.

THE DEGREE WITH HONORS IN SPANISH

Eligible students majoring in Spanish who plan to become candidates for the degree with honors may do so by electing one of the following programs. NOTE: In addition to the courses listed in these programs, one parallel year-course in Spanish is also required; this may be taken in either junior or senior year.

(1) Two-year program of honors courses

Junior year, first semester
Spanish 301  Spanish Literature of the Golden Age
The honors course offered in Comparative Literature:
  Studies in Continental Literature for the given semester

Junior year, second semester
Spanish 302  Spanish Literature of the Golden Age
The honors course offered in Comparative Literature:
  Studies in Continental Literature for the given semester
Senior year, first semester
Spanish 401  Studies in Spanish Literature
The honors course offered in Comparative Literature:
   Studies in Continental Literature for the given semester

Senior year, second semester
Spanish 402  Studies in Spanish Literature
The honors course offered in Comparative Literature:
   Studies in Continental Literature for the given semester

(2) Two-year program of honors courses and thesis

Junior year, first semester
Spanish 301  Spanish Literature of the Golden Age
The honors course offered in Comparative Literature:
   Studies in Continental Literature for the given semester

Junior year, second semester
Spanish 302  Spanish Literature of the Golden Age
The honors course offered in Comparative Literature:
   Studies in Continental Literature for the given semester

Senior year, first and second semesters
Spanish 401-402  Studies in Spanish Literature
Spanish H451-452  Senior Honors Thesis

(3) Two-year program of independent study culminating in a thesis

Junior year, first and second semesters
Spanish 301-302  Spanish Literature of the Golden Age
Spanish H351-352  Junior Honors Thesis

Senior year, first and second semesters
Spanish 401-402  Studies in Spanish Literature
Spanish H451-452  Senior Honors Thesis

(4) One-year program of independent study culminating in a thesis
(for students entering the honors program at the beginning of the senior year)

Junior year, first and second semesters
Spanish 301-302  Spanish Literature of the Golden Age
One other parallel course

Senior year, first and second semesters
Spanish 401-402  Studies in Spanish Literature
Spanish H451-452  Senior Honors Thesis
Spanish

LANGUAGE COURSES

101-102 Elementary Spanish

Grammar, elementary composition, practice in conversation and reading of easy modern prose.

This course is conducted by the intensive oral method. The class meets four hours a week; but in addition, as part of their preparation, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. For students who have studied less than two years of Spanish in secondary school.

Hour J and Q

103-104 Intermediate Spanish

Continuation of Spanish 101-102. Review of grammar. Stress is laid on the spoken as well as on the written tongue. Reading of literary selections of the modern period.

The class meets three hours a week. In addition, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. Prerequisite, Spanish 101-102 or two years of Spanish in secondary school.

Hours C, L

105-106 Advanced Spanish

The purpose of this course is to give intensive training in the spoken and written language. Material dealing with Spanish and Spanish-American life and customs will form the basis for composition and conversation.

As part of their preparation, students are required to spend two half-hour periods every week in the Language Practice Laboratory.

Freshman course. Prerequisite, Spanish 103-104 or three years of Spanish in secondary school.

Hour L

LITERATURE COURSES

107-108 Introduction to Spanish Civilization

An introduction to the main currents of the cultural history of Spain through the study of selected literary works from the sixteenth century to the present. Lectures, class discussions, collateral reading, and written exercises. Conducted in Spanish as far as is feasible.

Freshman course. Prerequisite, Spanish 103-104 or three or more years of Spanish in secondary school.

Hour B

First semester: Sackett
Second semester: Piper
[201-202] From Romanticism through the Generation of 1898 (Not offered 1965-66; to be offered 1966-67.)

The study of the major writers of Spain from the beginning of the romantic period through the generation of Unamuno, Baroja, Azorín, and Ortega y Gasset. Lectures, class discussions, and written reports. Conducted in Spanish.

Sophomore course. Prerequisite, Spanish 107-108 or permission of the department. With the permission of the department, the first semester may be taken as a separate course, but the second semester may not be taken without the first.

Hour M Worthen

203-204 Spanish American Literature (Offered 1965-66; not to be offered 1966-67.)

The study of major literary works of Spanish America, from the colonial period to the present, with special emphasis on those writers who most clearly reflect the unique aspects of Spanish American civilization. Lectures, class discussions, and written reports. Conducted in Spanish.

Sophomore course. Prerequisite, Spanish 107-108 or, for students registered for the Area Studies program, Spanish 103-104.

Hour M Worthen

206 Latin American Literature in Translation

An introduction to the major cultural currents of Spanish and Portuguese America through the study in English translation of selected literary works of the nineteenth and twentieth centuries. Lectures, discussions, and written reports.

Sophomore course. (Not normally open to students who have had Spanish 103-104 or higher. Such students should take Spanish 203-204.) No prerequisite needed, but enrollment limited. Consult Mr. Piper.

Hour D Worthen

301-302 Spanish Literature of the Golden Age

The first semester is devoted to the study of the Spanish ballads and La Celestina, followed by the plays of Lope de Vega, Guillén de Castro, Tirso de Molina, Ruiz de Alarcón, Calderón, and others. The second semester is devoted to Cervantes’ Don Quijote and Novelas ejemplares. Conducted in Spanish.

Junior course. Prerequisite, Spanish 107-108 or 201-202. With the permission of the department, the first semester may be taken as a separate course, but the second semester may not be taken without the first.

Hour C Piper

401-402 Studies in Spanish Literature

Studies in the analysis, criticism, and appreciation of major works in Spanish literature from the Poema del Cid to the contemporary period. The course aims to fill
Spanish

in gaps and coordinate the student’s work as well as to correlate the work in Spanish literature with the literature of other countries.

Senior course. Required course in the major. Prerequisite, Spanish 201-202 or 301-302.

Hour JK

HONORS COURSES

H351-352 Junior Honors Thesis

[Comparative Literature H353 Studies in Continental Literature: The Enlightenment (Not offered 1965-66; to be offered 1966-67.)
Honors course for juniors and seniors. Prerequisite, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.
Hour DE]

[Comparative Literature H354 Studies in Continental Literature: Baroque Literature (Not offered 1965-66.)
Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.
Hour DE]

[Comparative Literature H355 Studies in Continental Literature: Manifestations of Romanticism (Not offered 1965-66; to be offered 1966-67.)
Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.
Hour DE]

Comparative Literature H356 Studies in Continental Literature: Naturalism (Offered 1965-66; not to be offered 1966-67.)
Honors course for juniors and seniors. Prerequisites, French 201-202 or German 107-108 or Spanish 107-108.
Hour DE

Comparative Literature H357 Studies in Continental Literature: Existentialism in Literature (Offered 1965-66; not to be offered 1966-67.)
Honors course for juniors and seniors. Prerequisites, French 201-202 or 301-302 or German 107-108 or Spanish 107-108.
Hour DE

H451-452 Senior Honors Thesis
RUSSIAN (Div. I)

DEPARTMENTAL STAFF FOR 1964-65

Chairman, Associate Professor H. P. Hanson*
Acting Chairman, Professor W. H. Root

Assistant Professor deKeyserlingk, Assistant Professor Fersen, Assistant Professor Hankin, Mr. Gonczarow.

COURSES OF INSTRUCTION 1965-66

MAJOR PROGRAM in Russian (with Russian Area Studies)

Sequence courses
- Russian 105-106 Advanced Russian
- Russian 123-126 Intensive Intermediate and Advanced Russian
- Russian 201-202 Readings in Russian Civilization
- Russian 401-402 Studies in Russian Literature

Parallel courses
Any four semester courses from the following:
- Russian 301-302 Introduction to Russian Literature in Translation
- Russian 303 The Great Age of Russian Realistic Prose and either
- Russian 304 Russian Poetry in the Twentieth Century or
- Russian 306 Russian Prose in the Twentieth Century in Translation
- Economics 331 The Soviet Economy
- History 331 Russian History to 1801 or
- History 332 Russian History, 1801-1945
- Philosophy 308 A Critical Study of Marxist Philosophy
- Political Science 318 Soviet Union

The courses required in the departmental sequence are designed to acquaint the student with the Russian language, Russian culture, and the history of Russian literature. The parallel courses deepen his knowledge of Russia further through study of literary history and the historical, economic, and intellectual background.

THE DEGREE WITH HONORS IN RUSSIAN (with Russian Area Studies)

Eligible students majoring in Russian (with Russian Area Studies) who plan to become candidates for the degree with honors may do so by electing the following program, culminating in the Russian honors thesis, in addition to two semester courses from the list of parallel courses above.

*On sabbatical leave 1964-65
Junior year

Russian 201-202 Readings in Russian Civilization
Two semester honors courses from the following:

(1) Independent study in Russian Literature in Russian;
(2) a Comparative Literature honors course: Studies in Continental Literature;
(3) the Russian Area studies courses offered by other departments
(listed as parallel courses above) with honors credit.

Senior year

Russian 401-402 Studies in Russian Literature
Russian H451-452 Senior Honors Thesis

101-102 Elementary Russian
Grammar, oral use of the language, reading of graded prose.
The class meets three hours a week; but in addition, as part of their preparation,
students are required to spend two half-hour periods every week in the Language
Practice Laboratory.

Freshman course. For students who have studied less than two years of Russian in
secondary school.

Hours B, K

103-104 Intermediate Russian
Continuation of Russian 101-102; grammar, oral and written use of the language.
Reading of graded prose selections from Russian literature. Collateral reading of
either literary or scientific graded texts.
The class meets three hours a week; but in addition, as part of their preparation,
students are required to spend two half-hour periods every week in the Language
Practice Laboratory.

Freshman course. Prerequisite, Russian 101-102 or two years of Russian in secondary school.

Hours D, M

105-106 Advanced Russian
Continuation of Russian 103-104; a further study of oral and written Russian based
on classical and contemporary texts and contemporary speech.
The class meets three hours a week; but in addition, as part of their preparation,
students are required to spend two half-hour periods every week in the Language
Practice Laboratory.

Freshman course. Prerequisite, Russian 103-104 or three or more years of Russian in secondary school.

Hour C

HANKIN

HANKIN, GONCZAROW

MRS. DEKEYSERLINGK

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123-126  **Intensive Intermediate and Advanced Russian.** Double course.

Continuation of Russian 101-102; grammar, oral and written use of the language based on graded prose selections and contemporary speech. The class meets six hours a week; but in addition, as part of their preparation, students are required to spend three half-hour periods every week in the Language Practice Laboratory.

*Freshman course.* Prerequisite, Russian 101-102 or two years of Russian in secondary school.

*Hour AJ*

201-202  **Readings in Russian Civilization**

A course in extensive Russian language readings designed to introduce the student to various aspects of the Russian scene.

*First semester:* A study of the land, the people, their character and thought, as expressed by Russian writers, past and present.

*Second semester:* A study of illustrative Soviet letters through articles, essays, and fiction.

*Conducted in Russian.* Class discussions, oral and written reports.

*Sophomore course.* Prerequisite, Russian 105-106 or Russian 123-126.

*Hour L*

[301-302  **Introduction to Russian Literature in Translation** (*Not offered 1965-66; to be offered 1966-67.*)]

A study and interpretation of representative works from the early days to the October Revolution, with a brief survey of Soviet trends. Reading and written exercises. *In English.* Collateral reading in Russian will be assigned to, and conferences held with, students preparing for more advanced work in Russian.

*Junior course.* Prerequisite, two semesters' work in literature or, for students majoring in Russian, Russian 201-202.

*Hour MN*

302  **Introduction to Modern Russian Literature in Translation** (*Offered only in 1965-66.*)

A study and interpretation of representative works in prose and poetry from the age of Pushkin to the October Revolution, with a brief survey of Soviet trends. Reading and written exercises. *In English.* Collateral reading in Russian will be assigned to, and conferences held with, students preparing for more advanced work in Russian.

*Junior course.* Prerequisite, two semesters' work in literature or, for students majoring in Russian, Russian 201-202.

*Hour MN*
Russian

303 The Great Age of Russian Realistic Prose
Turgenev, Dostoevsky, and Tolstoy: an analysis of the works and of the literary and historical trends which led to their emergence.
Junior course. Prerequisite, Russian 201-202.
Hour QG

304 Russian Poetry in the Twentieth Century
How the great age of Realism ushered in the “Silver Age” of poetry that helped Russian letters survive the crucial years 1917-1925. Russian poets in exile. Contemporary poets in the USSR.
Junior course. Prerequisite, Russian 201-202.
Hour QG

[305 The Russian Poet’s View of the Nineteenth Century (Not offered 1965-66.)
A study of Russian poets in the nineteenth century from Pushkin through Polonsky, including their relevant prose work, such as fiction, criticism, and correspondence.
Junior course. Prerequisite, Russian 201-202.
Hour QG

306 Russian Prose in the Twentieth Century in Translation
The eve of the revolution: Chekhov and Gorki. The two paths of contemporary Russian literature: Soviet literature and Russian literature in exile. In English. Collateral reading in Russian will be assigned to, and conferences held with, students doing advanced work in the Russian language.
Junior course. Prerequisite, two semesters’ work in literature or, for students majoring, or wishing to take advanced work, in Russian literature, Russian 201-202.
Hour GS

401-402 Studies in Russian Literature
An intensive study of selected works in the fields of the drama, lyric and prose narrative representative of the basic character of Russian thought and of the major trends in the history of Russian literature. Critical analysis and integration of the reading with the work in the other departmental courses.
Senior course. Required course in the major. Prerequisite, prior or (with departmental permission) concurrent study of Russian 303 and 304 or 306.
Hour FR

H451-452 Senior Honors Thesis
**HONOR SYSTEM**

All examinations at Williams are conducted under an honor system, established in 1896, which expresses confidence in the fundamental integrity of each student.

The presence of proctors in the examination room is dispensed with, and each student is placed on his honor. He is free during examinations to move about, to speak to his companions, and to leave the room at any time, provided that he does not disturb others.

The following statement is signed on any examination or other work written in the classroom: *I have neither given nor received aid in this examination.*

All cases of alleged infraction are dealt with by the Honor System and Discipline Committee. This committee has the power to decide on the question of guilt and to recommend to the faculty the penalty of dismissal from college in the case of a senior, junior, or sophomore, and suspension in the case of a freshman.

The details of the Honor System are to be found in the Williams College Regulations published annually.

**Literary Honesty**

The Williams definition of literary honesty is “to avoid both in appearance and in fact any intent to present as one’s own work the words or ideas of another.”

Plagiarism (literary dishonesty) renders a student liable to suspension or dismissal from college.

Careful observance of the following standards of literary honesty is required:

(a) A direct quotation must always be identified by quotation marks or by indenting and single-spacing or by reduced type-size of the quoted material. A note must be used to show the exact source. (A quoted passage may range from a single word—if it is a peculiarly pertinent one—to a phrase, sentence, paragraph or series of paragraphs.)

(b) A paraphrase of the work of another must be acknowledged as such by a note stating the source.

(c) Indebtedness to the specific ideas of others, or the summarizing of several pages, even though expressed in different words, must be acknowledged by a note specifying the source.
Students of the highest academic standing are elected to membership in the Phi Beta Kappa Society. The Williams, or Gamma of Massachusetts, chapter of Phi Beta Kappa was established July 21, 1864.

Eligibility for Election to Membership

(1) The required grade average for election to membership shall be an 8.75 average. At the end of the first semester of junior year the highest 5 per cent of the junior class, ranked by cumulative grade average, shall be elected to membership provided that they have attained the required average. A similar election shall be held at the end of the junior year; the total of elections from the junior class shall not exceed 7 per cent of the class. Juniors elected to Phi Beta Kappa shall have completed enough courses to be considered candidates for the B.A. degree in the following year, or shall have qualified under the combined M.I.T. plan.

(2) Similarly in the senior year there shall be two elections to membership. Such members of the senior class as have an 8.75 grade average at the end of the first semester, counting all freshman grades, shall be elected to membership at that time. A final election of seniors shall be held in June, the required average being arrived at with or without counting freshman grades. Any undergraduate who leaves Williams at the end of his Junior year to attend graduate school may be elected under the normal membership provisions, but counting all freshman grades.

(3) No one shall be elected to membership who has not been a student in Williams College for at least two years.

(4) Any student who has taken college work elsewhere, at an institution that has a chapter of Phi Beta Kappa or Sigma Xi, and who has completed at least two years of courses toward graduation at Williams College shall have all his grades count towards membership in Phi Beta Kappa, provided that a candidate who has been a student at Williams for two years or three years shall have maintained an average of 8.75 during that time.

(5) Honorary members may be elected from distinguished alumni of at least twenty years standing. No more than one such member shall be elected each year.
(6) Any student who shall have gained his rank by unfair means or who is not of good moral character is ineligible to election.

(7) The name of a member elect shall not be entered on the roll until he has accepted the election and has paid to the Treasurer the regular entrance fee.

(8) Any immediate member who withdraws from the College before graduation or who falls short of the minimum Phi Beta Kappa scholastic standing may, upon a two-thirds vote of the members present at the annual meeting, be deprived of his membership in the Society.

(9) Any immediate member who is expelled from college shall be deprived of his membership in the Society.

(10) While connected with Williams College as an officer of instruction or administration, any alumnus of Williams College who is a member of another chapter of Phi Beta Kappa shall be considered a regular member of the Williams chapter.

(11) While connected with Williams College as professor, associate professor or assistant professor, any member of another chapter of Phi Beta Kappa shall have all the privileges of the Williams Chapter, including holding office and voting. While connected with Williams College, any other officer of instruction or administration who is a member of another chapter shall have all the privileges of the Williams Chapter, except holding office and voting.
COUNSELING SERVICES

The offices of the Deans, the Director of Admissions, the College Chaplain, the Registrar, the Director of Student Aid, the Director of Health, the Director of Placement are available at all times to assist and offer guidance to students. Each freshman has a faculty adviser to aid him in selecting his course of studies for sophomore year, and a sophomore may seek advice from the faculty associates of his residential house. Thirty-six members of the junior class live in the freshman dormitories and provide assistance. Since most classes are small and the ratio of students to faculty is low there are many opportunities for informal counseling by classroom instructors.

The chairmen of the various academic departments are the academic advisers for the upper class students. Freshmen are introduced to the activities and services of the College during special orientation days devoted to that purpose at the beginning of the College year.

Special Faculty Advisers 1964-1965

Special faculty advisers have been appointed to guide the student in preparing for professional careers and in applying for special graduate fellowships. They are as follows:

Actuarial Work, C. Wallace Jordan, Jr.
Architecture, Whitney S. Stoddard
Armed Services, Henry N. Flynt, Jr.
Business Schools and Business Opportunities, Manton Copeland, Jr.
Danforth Fellowships, John D. Eusden
Fellowships and Grants in the Social Sciences, MacAlister Brown
Ford Foundation, Fulbright, Guggenheim, and other Faculty Fellowships, Joseph A. Kershaw
Foreign Students at Williams, Philip F. Smith
Law, George G. Connelly
M.I.T. Combined Plan, Ralph P. Winch
Medicine, Charles D. Compton
Ministry and Social Service, John D. Eusden
Public and Foreign Service, Fred Greene
Rhodes and Marshall Scholarships, Lawrence W. Beals
Teaching, M.A.T. Programs, Fred H. Stocking

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Counseling Services

Williams College Prizes and Fellowships, Henry N. Flynt, Jr.
The Woodrow Wilson National Fellowship Foundation, *David A. Park and
**Robert C. L. Scott

Faculty Advisers to Freshmen 1964-65

Each freshman is assigned a faculty adviser on arrival at the College. The faculty adviser checks the selection of courses for the freshman year, assists in the selection of courses for the sophomore year, and is available throughout the year for consultation.

Robert J. Allen
Dudley W. R. Bahlman
David A. Booth
Christopher Breiseth
Robert O. Collins
Frederick C. Copeland
Manton Copeland, Jr.
Horace E. DeLisser
George F. Feeman
Nicholas Fersen
William T. Fox
Robert S. Fraser
Donald W. Gardner, Jr.
Robert L. Gaudino
George M. Harper
Richard I. Hofferbert
H. Ganse Little, Jr.
Robert A. Logan, III
John A. MacFadyen, Jr.
Grover E. Marshall
F. Stephen O’Brien

Daniel D. O’Connor
William J. Peck
William G. Rhoads
Shane E. Riorden
Kenneth C. Roberts, Jr.
Winthrop H. Root
Richard O. Rouse, Jr.
John K. Savacool
Robert E. Shoenberg
Philip F. Smith
Lauren B. Stevens
G. Lawrence Vankin
John J. vonSzeliski
Robert T. Ward
Harold H. Warren
Allen C. West
Donald R. Whitehead
Philip G. Wick
Gordon C. Winston
Arthur Zilversmit

Junior Advisers 1964-65

Thirty-four members of the junior class live in the freshman dormitories and provide assistance.

Peter R. Allen
Stephen D. Atlas
Walter E. Johnston
Jeffrey O. Jones

**Second semester 1964-65.

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Placement Bureau

The Placement Bureau serves both undergraduates and alumni. All registrants are given every assistance in finding satisfactory permanent employment. The primary function of the Bureau is to help the senior and the alumnus, but juniors seeking a summer position “in training” which may lead toward future full employment are also advised. In the fall semester, all interested seniors are invited to consult the Director of the Bureau regarding their job interests, and to interview with the representatives from graduate schools of law, business, education, and others who increasingly elect to visit the campus.

At the beginning of the second semester, recruiters from more than one hundred businesses and industrial firms begin a series of visits to the Placement Bureau. Representatives of secondary and elementary schools, federal agencies and services maintain a steady series of scheduled visits to the bureau. Vocational guidance is offered, upon request, in all these fields.

Career Weekends are scheduled periodically, which consist mainly of a series of panel discussions, conducted when possible by prominent alumni, on subjects selected in advance by an undergraduate committee. Much attention is paid to careers requiring graduate study.
PREPARATION FOR GRADUATE
AND PROFESSIONAL STUDY

Williams regularly prepares young men for graduate study in the arts and sciences, medicine, law, teaching, and other professions. Although the principal function of Williams is to provide a broad and solid liberal education which will be of lasting value no matter what vocation a student may pursue, the College recognizes that no fundamental conflict exists between a liberal education and preparation for a professional career; on the contrary, a foundation of liberal studies increases professional competence in any field. A student should plan his program of study so as to provide as much educational breadth and enrichment as circumstances permit. He should also give serious consideration to post-college plans early in his college career.

Each departmental major provides the foundation for graduate study in the corresponding field. Students should consult the departmental programs listed under "Courses of Instruction" for requirements, and for special advice regarding preparation for graduate study. Students should also consult with the appropriate departmental chairmen or special faculty advisers for certain professions (pages 214, 215) as early as possible in their college careers to make certain they have taken all the necessary factors into consideration.

Particular attention is called to the foreign language requirements of graduate study. Candidates for the degree of doctor of philosophy at almost all graduate schools are required to have a reading knowledge of both French and German. Under certain circumstances Russian may replace French. Many graduate schools require also a knowledge of Latin for students of English and Romanic Languages. Candidates for the master of arts degree are required to have a reading knowledge of either French or German. Students should consult departmental chairmen or the faculty advisers for the requirements in specific fields of study.

Architecture

Although requirements set by various architectural schools differ, the equivalent of Mathematics 101, 102 (i.e., including elementary calculus) and basic courses in history of art and architecture are required by all. The
**Preparation for Graduate Study**

The equivalent of Physics 101-102 or 103-104 is required by most architectural schools.

Entering freshmen who plan to become architects should take Mathematics 101, 102 and are advised to take Art 201-202 in their freshman year. Architectural Design (Art 403-404) is conducted for a limited enrollment by a member of the department with the assistance of a registered architect.

Students interested should consult the description of the Massachusetts Institute of Technology-Williams Combined Program of Liberal Arts and Engineering (page 49).

Students planning to become architects should consult the faculty adviser on the study of Architecture.

**Business Administration**

Williams offers no special course in preparation for a business career or for graduate study in business administration. The qualities which are important to success in business, and which graduate business schools are seeking, are an ability to reason and to express oneself logically and clearly in written and oral exposition; a good understanding of the physical and social environment in which business operates; and an appreciation of human motivations and goals. This means that a broad liberal arts program is preferred over a highly specialized one.

Within this broad prescription it is desirable to have at least one year of Economics and one year of Mathematics (including statistics and calculus). For those interested in production management, additional work in mathematics and sciences would be helpful. Courses in American History and government provide important background understanding. In addition, a number of graduate business schools grant advanced standing for certain undergraduate courses successfully completed at Williams. For this information the student should consult the graduate business school adviser.

But there is no particular major at Williams that is designed as preparation for the business profession. Potential future businessmen are encouraged to undertake a broad educational program in the arts, humanities, and sciences.

Students interested in graduate work in business administration should consult the faculty adviser for business schools.

**Engineering**

To facilitate the combination of a liberal arts program with education in engineering, Massachusetts Institute of Technology and Williams College
offer a combined ten-semester program leading to the Bachelor's degree from both institutions (page 49). This combined program is offered in all engineering subjects.

Opportunities for undergraduate or graduate work in engineering are available at various technical schools for students who major in the sciences. Students interested in engineering careers should consult the faculty adviser on the Massachusetts Institute of Technology-Williams combined plan.

**Law**

Williams graduates regularly proceed directly to law schools on the strength of their liberal education. No special courses are presented for prelegal students.

Students intending to study law should consult with the faculty adviser on the study of law.

**Premedical and Predental Study**

A premedical or predental student should consult early in his college program the catalog of the school he wishes to enter so that he can plan his course at Williams to fulfill the requirements of the school of his choice. Bulletins of a number of schools may be consulted in the office of the premedical adviser. A brief summary of the requirements of all U.S. and Canadian Medical Schools and other pertinent data concerning them are also available in a pamphlet revised each year. In general the admission requirements of most medical and dental schools are covered by English 101, 102; Biology 101-102, 201 or 301, 302; Chemistry 101-102 (103-104), 201, 202, 301-302. A sound knowledge of physics is increasing in usefulness. For this reason the more advanced physics course (103-104) is preferable. A modern foreign language at the sophomore level (or its equivalent in entrance credit) is still required by a number of medical schools, although many have dropped the language requirement. A year of mathematics at the college level is now required by several schools, and is strongly recommended by all. Biology and Chemistry should ordinarily be taken in the freshman year.

The premedical or predental student should be aware of the nature of the competition he will encounter when he applies for entrance to medical or dental school. The number of applicants is high enough for committees on admission to select classes from applicants who have a high standing in premedical work. The quality of work in the required science courses is particularly significant in determining the desirability of a candidate for admission. Many students, however, who do not have a B average are
Preparation for Graduate Study

accepted by medical schools. "The policies of over 50 per cent of medical schools call for no more than a C or C plus average." (Admission requirements of American Medical Colleges, 1963.) In choosing a major, the premedical student should major in the field which challenges him most. "The majority of medical students are likely to be more interested in the natural sciences than in other fields of study and will choose their majors accordingly. These interests should not, of course, be discouraged, but those who choose natural sciences when they prefer the humanities or social sciences are not actually improving their chances for admission or their foundation for medical school work."

Students who intend to study medicine should consult with the faculty adviser for Premedical and Predental students.

Teaching and Research

The most important qualification for careers in teaching at any level is proficiency in a major. Students interested in college teaching and research should prepare themselves at Williams for graduate work in the subject of their choice, whereas those interested in teaching at the elementary or secondary level should plan to proceed from a sound undergraduate major to a graduate school of education.

Students interested in teaching at the elementary or secondary level should consult with the faculty adviser in that field; others should consult with the chairman of the department in which they intend to major.

Theology

Students intending to go to theological seminary are not required to pursue a special course. Any major is acceptable, and all liberal arts courses are useful to the prospective minister. One or two courses in Religion are recommended, but heavy concentration in Religion is usually discouraged unless the pretheological student plans definitely to attend a seminary with a flexible curriculum and provisions for advanced standing. Philosophy 101-102 (104) and History 101-102 (103-104) are especially recommended.

Students interested in theological study should consult with the faculty adviser in that field.
GRADUATE STUDY

Master of Arts Program

The degree of Master of Arts is awarded for not less than one year of resident graduate study to a holder of the Bachelor’s degree from an accredited institution who satisfactorily completes the requirements. Two years are usually required to complete the program because the candidate, in addition to satisfying course, thesis, general examination, and language requirements, must participate in practice teaching, or research, or a combination of the two. Candidacy is open only to graduate teaching and research assistants, each one of whom receives a stipend and has his tuition and fees remitted. Normally, graduate work leading to the degree of Master of Arts is offered only in Biology and Physics.

For detailed information concerning admission to candidacy and the requirements for the degree, write to the Chairman of the Committee on Graduate Study, Williams College, Williamstown, Massachusetts.

Degree of Master of Arts in Development Economics

The degree of Master of Arts in Development Economics is awarded for one year of graduate study in the Williams College Center for Development Economics. To be admitted to this course of study an applicant must have a B.A. degree, or its equivalent. He must have demonstrated a high level of analytical ability in academic or professional work, or both. He must be a national of a country which is not yet economically advanced and have a good command of English.

All communications relative to the degree of Master of Arts in Development Economics should be addressed to the Director of Graduate Study, Center for Development Economics, Williams College, Williamstown, Massachusetts.

Master of Science Program

The degree of Master of Science is awarded for not less than one year of resident graduate study to a holder of the Bachelor’s degree from an accredited institution who satisfactorily completes the requirements. Candi-
Graduate Study

dacy for the degree of Master of Science is normally open only to scientists, employed in local industries, who participate in the program on a part-time basis. In order to be admitted to candidacy the graduates of colleges other than Williams College must show by their college records that they have completed, in a creditable manner, work in some major substantially equivalent to that required in a major for the Williams degree. Every candidate must submit two official copies of the transcript of his previous academic record, and in addition, must take a placement examination. He must, further, secure the permission of his employer since many of the courses are held during normal industrial working hours. M.S. programs are offered only in the departments of Chemistry and Physics.

In order to earn the M.S. degree, the candidate must: (1) Satisfy the prescribed course requirements. (2) Pass a reading examination in French, or German, or Russian. (3) At the end of the program, pass general examinations in his field.

For detailed information concerning the requirements for the degree, consult the educational advisor in your company or write to the Chairman of the Committee on Graduate Study, Williams College, Williamstown, Massachusetts.
LIBRARIES, MUSEUMS, LABORATORIES, AND SPECIAL FACILITIES

The College campus occupies an area of about four hundred fifty acres on which there are about fifty buildings. Eleven buildings are devoted to lecture rooms and classrooms: Currier Hall, Griffin Hall, Lawrence Hall, Goodrich Hall, Hopkins Hall, Mather House (for honors courses), Thompson Biology, Chemistry, and Physics Laboratories, Clark Hall, and Jesup Hall. Other buildings include: Stetson Hall, which houses the College Library as well as the Chapin Library of Rare Books and the Roper Public Opinion Center; the Thompson Memorial Chapel, where daily chapel services are held; Chapin Hall, with an auditorium seating a thousand and a language practice laboratory; Baxter Hall (the Student Union and Freshman Center); and the Adams Memorial Theatre, the campus drama center. There is a Health Center with a well-equipped infirmary. Dormitory accommodation is provided in the ten dormitories of the College, in the thirteen residential houses, and in two fraternity houses.

The College also occupies a separate one hundred eighty acre campus in Williamstown called the Cluett Estate. This has a single large building and several smaller ones on it housing the Williams College Center for Development Economics.

Libraries

Library facilities at Williams College, representing the accumulated acquisitions of over a century and a half, now include a basic collection of 270,000 volumes and over 100,000 unbound United States public documents. These are housed for the most part in Stetson Hall, erected in 1922 as a memorial to Francis Lynde Stetson of the class of 1867, and since enlarged. This building contains, in addition to the usual delivery hall, reference room, periodical room, reading rooms and stacks, several seminar rooms, and fifty-seven offices for members of the faculty. The reading rooms will seat more than 200 students, and there are 100 desks located in the stack areas which are available for students doing extended work on course papers. A part of the building is occupied by the Chapin Library of Rare Books. The book stack consists of nine tiers, of modern steel construction, with a capacity of 368,000 volumes.
Libraries

For the convenience of the departments concerned, the following special collections of books are housed in other buildings: Astronomy, Biology, Chemistry, Geology, Mathematics, and Physics. The Florence Carpenter Brown gift of 960 contemporary plays is housed in the Adams Memorial Theatre. These departmental collections are under the supervision of the college librarian and are maintained as reference collections for use in their respective buildings. Their contents, however, are listed in the central card catalog, as are the holdings of the Chapin Library.

Additions to the library’s resources are made at the rate of approximately 7,000 volumes a year, not including some 6,000 public documents which the library receives as a government depository. Endowment funds, amounting in principal to over $500,000, have been established for the library. The income from this endowment, together with gifts and special appropriations, provides over $60,000 a year for the purchase of books and periodicals. The library receives 1100 current journals regularly, representing the standard serial publications in the social and physical sciences, the arts, and belles lettres.

In keeping with the spirit of the curriculum, which places strong emphasis upon individual investigation of printed materials, the library is administered liberally, with a minimum of rules, and the stacks are open to students.

An excellent collection of over 9,000 phonograph records is available for circulation. The first unit of this collection was the gift of Mr. Paul Whiteman. New records are purchased regularly to add to the original collection. In addition, Mr. Whiteman has given to the College original scores and parts of music written for his orchestra, which form the basis of a further and larger collection of modern American music.

A special collection of textbooks which are lent to students in need of financial assistance is administered by the College Library.

Library hours, while the College is in session, are weekdays from 8 a.m. to 6 p.m., and 7:30 to 11 p.m. except on Saturday, when the library closes at 5 p.m. On Sundays the hours are from 2:30 to 6 p.m., and from 7:30 to 11 p.m. During vacations the library is open Monday through Friday, from 9 a.m. to 12 m., and from 1 to 4 p.m.

Chapin Library

The Chapin Library, a noteworthy collection unrivalled by any college and surpassed by few universities, contains books, manuscripts and prints collected by the late Alfred Clark Chapin, Williams 1869. Presented to

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Williams College in 1923, the collections have grown until now there are over 16,000 volumes, including rare books, manuscripts, and nearly 4,500 reference books. These materials, augmented by representative collections of prints and broadsides, provide the students of Williams College with important examples of the fundamental source materials upon which a liberal education is based.

The strongest divisions in the library are Americana, English literature, and early printing. However, continental literature is well represented and there are unusual examples of modern fine printing, illustrated books, and many celebrated and valuable works of travel, exploration, and science, including books on ornithology with color plates. Regularly scheduled exhibitions (often integrated with class work) are held, as well as special showings of the library’s major items, supplemented from time to time with materials received on loan. The resources of the Chapin Library may be consulted by undergraduates, members of the faculty, and qualified visitors. An unusual opportunity is afforded students working on research papers since they have access to books normally reserved for the use of graduate students and scholars in most university libraries.

Because of the nature and value of these books, the donor specified their use be restricted to the area occupied by the Chapin Library, which is located on the second floor of the south wing of Stetson Hall. The hours are: weekdays from 9 a.m. to 12 m. and from 1 to 5 p.m. except Saturdays, when the library is open in the morning. During College vacation periods, the hours will be scheduled and posted. Other visits may be arranged by special appointment.

**Williams College Museum of Art**

The Williams College Museum of Art was founded in 1926 by Karl E. Weston, first chairman of the Williams College art department. The main entrance gives access to an octagonal building of 1846, skillfully designed as the College library, in Greek Revival style with an Ionic rotunda, by Thomas Tefft of Providence. A portrait at the head of the front stairs represents the donor, Amos Lawrence of Boston, a friend of President Mark Hopkins (a replica by Chester Harding of the painting now in the National Gallery in Washington, D. C.) Wings fronting Main Street were added in 1890. When the building was equipped with classrooms in 1926, an addition was made at the rear. On the west side, the Edwin Howland Blashfield Room was added in 1938, while the corresponding gallery below it on the ground floor was named for another donor, the late George Alfred Cluett'96. The former contains works of medieval and Renaissance art; the latter, Spanish
painting and sculpture, and Spanish and Italian furniture. Other collections in the museum include Roman glass; pottery of Greek, Etruscan, Peruvian, and Mayan workmanship; and British and American portraits of the late eighteenth and nineteenth centuries, primarily from the bequest of Charles M. Davenport '01, who also presented an important collection of early American furniture.

Like other college museums, the Williams College Museum of Art aids the instruction in art history and the practice of art. During the college year, there are frequently changing temporary exhibitions designed to supplement this instruction.

The permanent collection is being developed to provide a broad representation of world art in original examples without overlapping areas covered by the Clark Art Institute, an important private collection located in Williamstown. Among artists represented are: Barye, Bourdelle, Braque, Copley, Delacroix, Demuth, Dürer, Gainsborough, Guardi, Homer, Inness, Léger, Maillo, Panini, Peto, Picasso, Raeburn, Rembrandt, Reynolds, Ribera, Rodin, Romney, Rouault, Stuart, Toulouse-Lautrec, Villon, and Weenix. The Cluett Room includes a large Annunciation by Claudio Coello and a portrait by Pacheco, the master of Velázquez. Other possessions include two ancient Assyrian reliefs given to the College in 1851 by the British archaeologists Sir Henry Layard and Sir Henry Rawlinson, Egyptian antiquities given by Horace Mayer, and French illuminated manuscripts and Italian paintings presented by Frank J. Mather, Jr. '89. Four Italian Gothic paintings were given in 1960 by the Samuel H. Kress Foundation from the Kress Study Collection. Medieval sculpture is supplemented by loans from the Metropolitan Museum of Art, New York City. The extensive representation of contemporary art includes paintings given by James Theall Soby '28, William Alexander '32, and Roy Neuberger. Funds for the purchase of works of art were established by Joseph O. Eaton '95; by Karl E. Weston '96; and by Lawrence H. Bloedel '23, in memory of Professor Weston.

Adams Memorial Theatre

The Adams Memorial Theatre is a gift to the College honoring the memory of John Quincy Adams, 1824-1879, of Hopkinton, Massachusetts and Chicago, Illinois. The building provides varied facilities for the use of students interested in the creative and interpretive aspects of dramatic art.

The main auditorium seats 479 and is equipped with a completely modern stage that is suitable for all types of dramatic presentation. A spacious workshop for the construction and painting of scenery is adjacent to the

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Special Facilities

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stage. The basement level of the theatre contains a studio theatre for drama classes, rehearsals, recitals, and laboratory productions; a costume construction studio and vaults; dressing rooms and storage rooms; and offices for the Department of Drama.

**Baxter Hall**

The Student Union building, named in honor of former President James Phinney Baxter, 3rd, provides dining facilities for the Freshmen and recreational and meeting facilities for all the college. The facilities of Baxter Hall are described more fully on page 234.

**Chapin Hall**

Chapin Hall, a gift of the late Alfred C. Chapin, of the class of 1869, contains an auditorium seating over a thousand and is equipped with an organ of unusual size and quality. Organ recitals, concerts, and other entertainments are held here.

**The Center for Development Economics**

The Center for Development Economics, often called the Cluett Center because of its location at the Cluett House, has been a part of the College since June, 1959. It was made possible by a grant, as of that date, by the Ford Foundation. The Cluett House, built by the late Mr. George Alfred Cluett in 1911 and given by his heirs to Williams College in 1958, was made available by the College to house the graduate training program which is a part of the Center’s activities. The House now provides bedrooms, dining service, a classroom, a library, a study and a lounge for twenty overseas graduate students of development economics. Although Williams College provides a variety of services for the Center, none of the costs of these services are paid from the general funds of the College.

The program as a whole includes not only the offering of graduate studies at Cluett Center, but also a program of research into the problems of economic development and a program of advisory services for underdeveloped countries, in cooperation with either governmental or private agencies. Each of the three programs is headed by a Director. The programs are coordinated by the Chairman of the Center.

The graduate study offering is designed to meet a special need. A high proportion of the overseas graduate students who come to the United States each year to study economics are seeking a course of study which will equip
them to enter positions of responsibility in public economic administration, research and planning, or similar positions in business firms and other private organizations prominent in the economic development of their countries. Recognizing the need for additional educational facilities in this field, Williams College has designed a one-year program which is explicitly formulated to provide, at an early stage in a man's career, training that is directly relevant to his future responsibilities as a civil servant or business manager concerned with problems of economic development.

The course of study in Development Economics is based upon two convictions: First is the belief that a thorough grasp of fundamental economic principles is essential to wise decision-making in planning, financing, and administering economic development programs and projects. Second is the belief that the application of these principles can best be understood if they are studied within a framework of illustrative cases drawn from the contemporary experiences of countries in the earlier stages of economic growth.

The academic program consists of four courses in each of two semesters. The courses are conducted on a lecture-and-discussion basis, and all courses are required for all students. Each student writes several papers during the year, including a major research paper. Final examinations are given in courses, and there is a written comprehensive examination on the entire program. Each student works with a faculty adviser, and is expected to display a high measure of individual initiative.

Successful candidates are awarded the degree of Master of Arts in Development Economics. Candidates who have shown seriousness of purpose and have attended the courses throughout the year, but who have failed to meet the requirements of the degree, are provided with a Certificate of Attendance.

In overseas interviewing of applicants for the M.A. program, Williams acts in cooperation with the Harvard University Program of Public Service Fellowships in Economic Development. Interviewing trips are made throughout much of the world by the Harvard and Williams staffs from December through March. In all cases where English language proficiency is in question, the Center uses the language testing facilities offered by the University of Michigan.

The staff of the Center is assisted by an Advisory Board consisting of:

- Vincent M. Barnett, Ph.D., President, Colgate University;
- Emile Despres, B.S., Professor of Economics and Chairman, Committee on International Studies, Stanford University;
- Edward S. Mason, Ph.D., Lamont University Professor, Harvard University;
Max F. Millikan, Ph.D., Professor of Economics and Director of the Center for International Studies, Massachusetts Institute of Technology; and Lloyd G. Reynolds, Ph.D., Sterling Professor of Economics and Chairman of the Inter-University Committee on Comparative Economics, Yale University.

Roper Public Opinion Research Center

The Roper Public Opinion Research Center contains the original data cards from public opinion surveys conducted by ninety-one research organizations located in the United States and thirty-nine other countries. The studies date from 1936 to the present.

The materials placed at the Center by each cooperating organization fall into three main categories: (a) public affairs research, including many political behavior studies, (b) research on the mass media of communication and (c) consumer behavior studies.

The Center's main functions are (1) to enrich the store of survey data available to social scientists for secondary analysis; (2) to facilitate usage of these data not only by scholars, but also by any individual or group doing research in the public interest; (3) to encourage and stimulate an increased amount of research involving use of the data; (4) to increase the degree of comparability in the primary sample survey research being conducted today in various cultural and national contexts; (5) to stimulate additional cross-national primary research.

The Center is housed in Stetson Hall and is equipped with machines and other facilities necessary for analyzing the materials, which now include nearly 4,000 separate studies. There are presently approximately nine million IBM interview cards. These surveys represent approximately forty million dollars of original data collection.

Access to the data is granted to any accredited scholar and to other individuals who seek to use these materials in the public interest. The materials may be used at the Center, or researchers may borrow duplicate sets of data for a period of time. Within limits dictated by the Center's budget, the staff searches and prepares tabulations of data for those who either cannot work at the Center or who do not have available at their own location the necessary processing equipment.

Serving on the Center's Board of Directors are: James P. Baxter, 3rd, Senior Fellow, Council on Foreign Relations; Clifford P. Case, United States Senator, New Jersey; George Gallup, Director, American Institute of Public Opinion; Clyde W. Hart, Director Emeritus, National Opinion Research Center; Philip K. Hastings, Professor of Psychology and Political
Special Facilities

Science, Williams College; Paul Lazarsfeld, Professor of Sociology, Columbia University; James A. Linen, III, President, Time Incorporated; Ithiel de Sola Pool, Professor of Political Science, Massachusetts Institute of Technology; Burns W. Roper, Elmo Roper and Associates; Elmo Roper, Elmo Roper and Associates; John E. Sawyer, President, Williams College; Elmo C. Wilson, President, International Research Associates; Wilson W. Wyatt, formerly Lieutenant Governor of Kentucky.

Directors Emeriti are: Frank W. Abrams, formerly Chairman of the Board, Standard Oil Company (New Jersey); Eric Hodgins, Author, formerly publisher of Fortune.

The members of the Roper Center’s Professional Advisory Council include: Marten Brouwer, Professor of Psychology, University of Amsterdam (Holland); Kermit Gordon, Director, Bureau of the Budget; Fred Greene, Professor of Political Science, Williams College; Elisabeth Noelle-Neumann, Director Institut fur Demoskopie (Germany); Stein Rokkan, Director of Research in Comparative Politics, The Chr. Michelsen Institute (Norway); Jean Stoetzel, Director, Institut Francais d’Opinion Publique (France); Wyllis E. Wright, Librarian, Williams College.

Whiteman Collection

The Whiteman Collection, a gift of Mr. Paul Whiteman, is housed in specially built and equipped rooms in Stetson Hall and consists of original scores and parts of musical manuscript written or arranged for the Paul Whiteman Orchestra. The collection now exceeds four thousand titles, and when completed it will illustrate important features of American popular and entertainment music from Whiteman’s earliest phonograph records of the “Twenties”, through the jazz-concert period of Rhapsody in Blue, to contemporary examples of composition and orchestration for radio, television, and motion pictures. Photographs, scrap books, musical instruments, a large number of new and old recordings, and several books and periodicals on the subject of popular music are maintained as reference material.

Science Laboratories

The Departments of Biology, Chemistry, and Physics are located in the three laboratory buildings presented to the College by Frederick Ferris Thompson, of the class of 1856. The Department of Geology is in Edward Clark Hall. Each laboratory has a departmental library, which contains the more important American and foreign scientific journals, totaling some 10,000 books and 11,000 bound journals. There are conference and class-
rooms equipped for demonstration lectures, laboratory rooms, and a number of research rooms for the staff, graduate students, and honors students. Each laboratory has photographic dark rooms. The general work of the laboratory sciences is further aided by a well-equipped science shop.

The **Biology Laboratory** provides facilities for the departments of Biology and Psychology. Courses in Psychology make use of a computing room, a darkroom, a soundproof room, and laboratories for regular classes and for honors students. Office space is provided for both departments. Small classrooms, seminar, and conference rooms, and a large lecture room take care of a wide variety of instructional needs. Biological facilities include those essential for the conduct of the usual courses as well as space and equipment for research. Facilities for the use of radioactive isotopes for tracer studies, constant temperature rooms, a refrigerated ultra-centrifuge, phase contrast and dark field optical equipment are available. The laboratories contain animal quarters for a variety of living material for both classroom and research. Synoptic collections for teaching are displayed in an attractive museum area. Of particular interest are the Kohnstamm Memorial Laboratory and the Samuel Fessenden Clarke Plant House, which provide space and facilities for class work and investigation in the study of plants.

The **Chemistry Laboratory** contains several large lecture rooms, a number of conference rooms, and offices. Large, well-lighted and ventilated laboratories are available for inorganic, analytical, organic, and physical chemistry. Several small laboratories are designed for special work, including research, honors work, photography, and optical work. There are also balance rooms, a central stock room with curator's office, and a departmental library. The building is adequately equipped with apparatus and services to carry on research as well as routine work. A large quantity of optical and electrical apparatus is available. Among the larger pieces of special equipment are: Beckman spectrophotometers; a Cary 14 Spectrophotometer, Perkin-Elmer recording infrared spectrometers, an Aerograph gas chromatograph, a Bausch and Lomb 1.5 meter grating spectrograph, a large Hilger Littrow quartz spectrograph, a General Electric X-ray diffraction unit, a Knorr-Alber recording microdensitometer, high efficiency fractionating columns, and a precise Wheatstone bridge.

The **Geology Laboratory** located in Clark Hall, houses a carefully selected collection of rocks, minerals, and fossils arranged both in public displays and in student study collections. Laboratory equipment is available for work in mineralogy, petrology, structural geology, seismology, paleontology, sedimentology, and geological surveying.

The Wilder Cabinet forms the central unit of the group of minerals, which
Special Facilities

includes the R. Clifford Black collection of precious and semiprecious stones and an attractive display of fluorescent minerals in a special dark room. The local geology is represented by a collection of specimens and by two large topographic and geologic relief maps.

A stratigraphical and biological arrangement of invertebrate fossils is partially complete. Several evolitional series are shown and others are in preparation. Restorations of prehistoric animals are exhibited, and a collection of skulls of modern vertebrates permits comparisons with fossil vertebrates. Synoptic collections of artifacts of the Stone, Bronze, and Iron Ages, together with skulls and skeletons, illustrate the evolution of man.

The Julius Palmer Memorial seismograph with recording apparatus for local and distant earthquakes is on display in special rooms in the subbasement of Clark Hall.

The Physics Laboratory accommodates the Departments of Physics and Astronomy and their joint library, as well as the carpentry, electronics, and machine shops which serve all the sciences. Of the ten laboratories in use by the Physics Department, two are devoted to elementary work, one to optics and atomic physics, and one each to the study of electricity and electronics. Each of these is adjoined by its own apparatus room and is extensively equipped. The remaining five, all provided with complete laboratory facilities, are used for individual research projects undertaken by undergraduates and candidates for the Master's degree. Although some of the research apparatus used is assembled by the students for their particular experiments, the department has available a wide variety of permanent equipment. General lectures are held in two lecture theatres adjoining stockrooms for demonstration apparatus.

The Science Shop provides extensive shop facilities to meet the demand for special apparatus which advanced work and research in science create. A cabinet maker and a machinist build the special equipment which is designed by the members of the various science departments.

An electronics shop is available in the Physics Department for the construction, testing, and repair of electronic equipment for research and laboratory instruction.

Astronomical Observatories

The Hopkins Observatory was built by Professor Albert Hopkins in 1836-38, and is the oldest astronomical observatory in the United States. In its revolving dome is located a seven-inch refracting telescope dating from 1852, with an objective by Alvan Clark, Sr., probably the most famous of nineteenth century American telescope makers.
The first floor of the observatory contains a central rotunda twenty feet in diameter with a domed ceiling on which Professor Hopkins pasted stars to form the constellations and strips of paper to represent the circles of the celestial sphere. In this form it is believed to be the oldest planetarium in America. Two wings, equipped with openings in the walls and ceiling for meridian observations, extend east and west from the rotunda.

In 1961 the Hopkins Observatory was moved to a new location at the north end of the Berkshire Quadrangle. Early in 1963 a Spitz A-3-P planetarium was installed in the central rotunda as a memorial to Professor Willis Isbister Milham, 1894, Field Memorial Professor of Astronomy at Williams from 1902 to 1942. The planetarium chamber accommodates about forty students and the lecturer can demonstrate the apparent positions and motions of the sun, moon, planets, and stars for any place on the earth and for any time in the past, present, or future. Historical displays of early astronomical instruments, including a transit instrument and sidereal clock brought from England by Professor Hopkins in 1832 are being set up in the east wing of the observatory. The west wing will be devoted to modern displays illustrating the most recent discoveries in astronomical research.

For evening laboratories and telescopic observation an observing deck is located on the south wing of the Physics Laboratory. Two eight-inch reflecting telescopes, a four-and-a-half inch refractor, a three inch refractor, and a three-inch patrol camera, all equatorially mounted and electrically driven to follow the motions of the stars, provide ample equipment for student use. The Astronomy Department is well supplied with portable instruments such as binoculars, sextants, prismatic circles, transits, etc. A sixteen-inch aplanatic reflecting telescope is now under construction in the Williams College Science Shops.

The astronomy class room and laboratory, optical laboratory, photographic laboratory, staff offices, and astronomical displays are located on the third floor of the Physics Laboratory.

**Athletic Facilities**

Intercollegiate contests in the fall and spring are held on Weston and Cole Fields, which also provide ample facilities and space for practice and intramural sports in those seasons. The Lasell Gymnasium, centrally located in the heart of the campus, contains two basketball floors, swimming pool, wrestling room and indoor track. Adjoining the gymnasium is a separate building for squash with 14 singles courts and a doubles court. Tennis is served by 12 clay courts with fast-drying surface and 6 asphalt courts. A covered artificial ice hockey rink, a college-owned 18-hole golf course and an extensive skiing area with championship trails and jumps fill out one of the most complete group of athletic facilities of any small college.
UNDERGRADUATE ACTIVITIES

The Student Union

Baxter Hall, the Student Union building, named in honor of former President James Phinney Baxter, 3rd, was built in 1953 to provide dining and social facilities for the Freshmen and upperclassmen who were not members of fraternities. As a centrally located Student Union, Baxter Hall is open for all undergraduates and members of the Williams community.

In addition to a lounge and dining room for Freshmen, there is an upperclass lounge and dining room which is also available for special banquets.

An attractive snack bar, serving refreshments and light meals, and game rooms for pool, billiards, and ping-pong provide a common meeting place for freshmen and upperclassmen. Offices for the college newspaper, the Williams Record, and for the college radio station, WMS-WCFM, are located in the building. Special meeting rooms are used by the student governing body, the College Council, the Freshman Council, the Student Union Committee, and other student organizations. A post office is operated in the building for freshmen and any upperclassmen who desire to use it. A modern dark room is available in the basement for photographers. The building also contains large storage and refrigeration space for a commissary that supplies food to the residential houses.

Activities in the building are the responsibility of student committees, functioning under the direction and guidance of the Director of Student Union Activities. The calendar of events in the building includes dances, lectures, movies, language club meetings, and various social activities.

Student Residence

Williams College is now in the process of establishing a new residential organization of the campus following the decision of the Board of Trustees that the College should provide the dining, housing, and social accommodations for the entire student body.

Freshmen are assigned rooms in four dormitories and take their meals in the freshman dining room in near-by Baxter Hall. Sophomores and upperclassmen, starting with the class of 1967 and all subsequent classes, will live
and dine in college owned and operated residential houses and dining halls, the first of which opened in the fall of 1963. These residential houses provide centers of social, intramural athletic, and other extra-curricular activities for the three upper classes. During the transitional period, through June 1966, some upperclassmen will continue to live in fraternity houses. Midway through the college year Freshmen will be affiliated with the residential houses in small groups of their own choice.

Each room is provided with the essential articles of furniture, including desk, chair, table, chest of drawers, pillow, mattress, and bed. The student is expected to supply his own lamps, rugs, drapes, linen, and blankets.

Special Lectures

The faculty gives a series of public lectures weekly from the first Thursday of the second semester until the last Thursday before spring vacation. All college departments are represented in the series, and lecturers aim to discuss their special fields in a way that will be of general interest to non-specialists.

The faculty lectures for the year 1964-65 were as follows:

S. Lane Faison, Jr. L. M. Giessl, Rococo Architect of Bavaria
Anson C. Piper From Latin to Spanish
William J. Peck Primitive Initiation and Personality Change
MacAlister Brown The Politics of the President’s Budget
Frank S. MacShane The Art and Architecture of Nepal
Henry J. Bruton Economic Aid and Economic Development
Robert G. L. Waite The Genesis of Hitler’s Ideas

The Williams Lecture Committee, a combined faculty and undergraduate committee, plans each year a series of lectures by invited speakers. Lecturers are generally invited to spend one or two full days on the campus so that they may talk informally to special groups, take part in regularly scheduled classes, or otherwise contribute to the intellectual life of the College.

Religious Activities

The College provides daily and Sunday religious services in the Thompson Memorial Chapel. These services afford an opportunity for religious expression and development and are regarded by the College as an important aspect of its educational program. Although attendance is not required,
students are encouraged to attend regularly and frequently. Preaching responsibilities in the Sunday services of Thompson Memorial Chapel are shared by the Chaplain, members of the faculty, and distinguished visiting clergymen. Services of music and religious drama are also held in the Chapel.

Services of Worship, Thompson Memorial Chapel, 1964-65

The Reverend John D. Eusden, Ph.D.
The Reverend A. Graham Baldwin, D.D.
The Reverend George A. Buttrick, D.D.
G. B. Shaw's Saint Joan
The Reverend Roland A. Renaud and the Reverend John D. Eusden, Ph.D.
The Reverend Scudder M. Parker
The Reverend John D. Eusden, Ph.D.
Scudder H. Parker '65
The Reverend H. Ganse Little, Jr., B.D.
Service of Christmas Music

Lessons and Carols
Professor Fred Greene, Ph.D.
The Reverend John D. Eusden, Ph.D.
Response by Professor Robert L. Gaudino, Ph.D.
Paul R. Valliere '65
The Rev. James H. Robinson, LL.D.
Service of Music

The Reverend G. William Webber, Ph.D.

The Reverend John D. Eusden, Ph.D.
"Jazz at the Chapel." A Setting for Evening Prayer.

The Rt. Rev. Edward G. Murray

Easter Eve Communion Service
The Reverend Herbert Gezork, Ph.D.

Williams College
Phillips Academy
Northwestern University
The Bishop's Company
Notre Dame Parish, North Adams, Williams College
Newport, Vermont
Williams College
Williams College
Williams College
Simmons College Glee Club and Williams College Glee Club
A Community Advent Service
Williams College
Williams College
Williams College
Williams College
Operation Crossroads Africa
Colby Jr. College Choir and Williams College Glee Club
East Harlem Protestant Parish
Williams College
Williams Zip Zag Quartet and Chorus. The Rev. Thomas J. Abernethy, Reader
Sacred Heart Parish, Roslindale, Mass.

Andover Newton Theological School
Undergraduate Activities

The Rev. William S. Coffin, Jr., B.D.
The Reverend John D. Eusden, Ph.D.
The Assassin: Reflections on the Murder of a President

The Reverend B. Davie Napier, Ph.D.
Le Jeu de Saint Nicolas

Yale University
Williams College

by Professor Robert L. Gaudino. A Dramatic Reading Directed by Christopher Welch '65
Yale University
13th-Century French Miracle Play, Translated by Peter Simon '65

The Williams College Chapel is a voluntary student organization charged with the direction of Protestant religious activities on the campus. It is directed by eight upperclass students who constitute the Williams College Chapel Board. Among the activities sponsored are: covenant meal groups, daily and Sunday worship services in Thompson Memorial Chapel, discussion groups, supper-seminar meetings with visiting speakers and members of the faculty. The WCC works closely with the Newman Club in a developing program of ecumenical cooperation. It supports and participates in the work of the Lehman Service Council.

The Washington Gladden Society consists of students interested in religious vocations. Meetings are devoted to discussion of the Christian faith, the ministry and other church vocations.

The Lehman Service Council coordinates the work of all term-time and summer service projects. The Council members are drawn from representatives of the three religious groups, the student body at large, and the faculty. The Williamstown Boys Club, Berkshire Farm in Canaan, New York, and Monroe State Prison are three typical institutions where the Council has placed student volunteers.

Musical Activities

Concerts

The department of Music sponsors three types of concert attractions: the Thompson Concert Series, featuring internationally known artists; the department of Music series; and concerts by joint student-community organizations.

For many years a course of concerts and entertainments was sustained by the late Frederick Ferris Thompson, of the class of 1856. From 1929 until 1951, the course was continued as a series of concerts supported by an
appropriation made by the trustees from the income of the Mary Clark Thompson Fund. During the season 1951-52, for the first time, the concerts were made available to the college community as well as the general public free of charge.

The Thompson Concert Series for 1964-65 included a special concert of contemporary music played by the Lenox Quartet, the Pasquier String Trio, and a program of Renaissance and Contemporary A Capella music performed by the Netherlands Chamber Choir, Felix de Nobel, musical director, from Amsterdam.

The Department of Music also sponsors several concerts annually using its own staff members and guest artists from the area. During the 1964-65 season this group of performances included:

A Concert of music for Woodwind Instruments and Piano, featuring the premiere of Robert Barrow's Woodwind Quintet, and the Concerto for Piano and Winds of Wallingford Riegger, played and conducted by Kenneth Roberts; several studio classes in the late afternoons during the second semester, in which students and faculty joined for ensemble and solo performances of vocal and instrumental literature; and a final Student Recital which featured the Williams Brass Ensemble and the Williams Clarinet Ensemble. All departmental members took part in each of these activities, as performer, teacher, and coach of the student performers. In addition, members of the department played recitals away from the Williams campus: Mr. Roberts played concerts at the Battelle Memorial Institute in Columbus, Ohio, and at Hunter College, New York City, and Mr. Shainman and Mr. Cardillo performed regularly with the Albany Symphony Orchestra in its regular series of concerts.

The Williams College Glee Club, directed by Professor Robert Barrow, presented three concerts with visiting choral groups from women's colleges. At Christmastime, music of Barrow, Poulenc, and the American, Charles Theodore Pachelbel, was sung in the Chapel assisted by the Simmons College Glee Club. This concert was repeated on the Simmons campus at the same season. During February, they were joined by the Colby Junior College Choir for a performance of the Vivaldi Gloria with string orchestra. During the spring vacation, Williams joined with the Wells College Choir, to give concerts in Williamstown, Aurora, New York (the home of Wells), and on tour in Southington, Conn., suburban Philadelphia, at a musical vespers at the National Cathedral in Washington, D. C., and in a Cleveland church. That program included religious music by English, Italian, and German composers by the combined groups, selections by the individual choral groups of both schools, and on the tour and home programs where possible,
Undergraduate Activities

scenes from *West Side Story*, music by Leonard Bernstein and words by Stephen Sondheim, Williams Class of 1950.

The Williams College Chapel Choir enjoyed a renaissance in its activities during the 1964-65 academic year. They sang not only for Sunday Chapel services, but took part in special workshops and recording sessions for the National Educational Broadcasting Network. This choral group is all-male, limited to twenty-five voices, and is paid for Sunday choral services. The repertoire stretched from English sixteenth-century masters to newly-commissioned compositions written especially for them by Paul Turok, Leslie Bassett, Clark Eastham, and Chou Wen-chung. In addition, Vincent Persichetti came for a weekend as the guest of the chapel music department, and his choral compositions were performed then and from time-to-time throughout the year, as well as works by other American contemporary composers Ross Lee Finney, Roger Sessions, and William Schuman. These new works were the compositions recorded for the NEB. The group is under the direction of Kenneth Roberts, Organist and Choirmaster of the College Chapel.

Qualified students also have an opportunity to participate in any of the following organizations:

1. The Berkshire Community Symphony Orchestra is made up of 80 amateur and professional players from 15 communities in three states. Irwin Shainman, Professor of Music, is the conductor. During the 1964-65 season the orchestra presented three performances. The program for the first concert included works by Johann Christian Bach, Schubert with Charles Castleman, a winner of the 1964 Levintritt violin competition, as soloist in the Tschaikowsky Violin Concerto. The second concert featured David Glazer as soloist in Aaron Copland's "Concerto for Clarinet and String Orchestra" in addition to several string works by American composers, and the final concert – an opera night – presented Mary Beth Piel, a young soprano with the Metropolitan Opera National Company, in arias by Handel, Mozart, Verdi and Puccini. This past season there were 22 undergraduates in the orchestra.

2. Three department sponsored instrumental groups are also open to students: The Williams College Band is a group of 55 players that performs at football games and is conducted by Charles R. Keagle '66. Mr. Francis Cardillo supervises the group.

The Williams Brass Ensemble is made up of twenty selected student performers who give formal and informal concerts during the winter and spring seasons. The Ensemble specializes in the performance of musical
literature not usually available to bands. Irwin Shainman, Professor of Music, conducts the group.

The Williams Clarinet Ensemble is the woodwind counterpart of the Brass Ensemble, and is directed by Francis Cardillo.

Private Musical Instruction

College students may obtain private instruction in piano, organ, voice, or wind instruments from various members of the department. For qualified students, instruction is available through the election of special courses in the creative arts (see the specific course listings under the music section of this Bulletin). Instruction outside of the creative arts course elections is not part of the regular curriculum and receives no academic credit. Special reduced fees are established for college students which are substantially below the cost of comparable lessons elsewhere. No fees are charged when a creative arts course election is made. Abundant practice facilities in modern practice rooms are available without charge.

Considerable opportunity for public performance is offered to qualified students by means of a series of student recitals and studio classes which are sponsored by the department throughout the year.

Dramatics

The Adams Memorial Theatre program, operated by the Drama staff and enhanced by modern and complete facilities, supplies an outlet for any interest in the theatre—creative, technical, or administrative.

The theatre season, offering plays of many types, is designed to bring varied and excellent theatre to the whole college community while providing opportunities for undergraduates in acting, direction, design, and technical work. Student participation in the theatre is rewarded—on a point system—by membership in Cap and Bells, Inc., the undergraduate dramatic organization.

The annual program normally consists of four major staff-directed plays (in recent years: King Richard III; The Lark; Brigadoon; Thieves' Carnival; and The Bacchae), several professional touring productions, and four to five student-produced plays—including original scripts—given in the Experimental Theatre.

Undergraduate Publications

Literary and journalistic interests find expression in the Williams Record, a semi-weekly newspaper; The Red Balloon, a literary magazine; The Williams
Undergraduate Activities

Review, sponsored by the Williams chapter of Phi Beta Kappa, and Dialogue, an independent student opinion magazine. The Gulielmensian, the college yearbook, is edited by members of the Junior class. The Eph Williams Handbook is published to acquaint incoming freshmen with the College. A mimeographed news bulletin, The Adviser, is published daily. The Address Book, a directory of students, faculty, and administrative officers, is also published by students. Undergraduates in the Williams News Bureau write news reports of sports and other college events under the supervision of the Assistant News Director of the College.

Debating

Under the direction of the Public Speaking Department, the Adelphic Union conducts debates and panels, Oxford and Cambridge appear on alternate years and there are debate tournaments at Vermont, Middlebury, Dartmouth, M.I.T., Columbia, N.Y.U., and McGill, in which Williams takes part, as well as a debate with a Boston prison. Each spring there is a New England Prep School Debate Tournament, managed by the Adelphic Union. Freshmen are eligible to take part in all debates.

Fraternities

Under the policy recently adopted by the Trustees that the College provide the housing, dining and social accommodations for the entire undergraduate body, all fraternities by June 1966 will cease to provide these facilities. Those fraternities which so desire may continue on campus as purely fraternal groups under conditions approved by the College.

College Council

The College Council is designed to be the directing force of undergraduate activities. It deals with campus-wide problems and aims to develop a spirit of unity and cooperation on the campus. The College Council appoints members to the various student committees such as the Honor System and Discipline Committee, the Student Union Committee, and the Finance Committee. The council is comprised of all of the House presidents. The president of the Junior Advisers, the Editor of the Williams Record, and the Dean of the College are non-voting members.
Undergraduate Activities

Student Honor System and Discipline Committee

The Student Honor System and Discipline Committee is appointed by the College Council. It meets jointly with the Faculty Discipline Committee or the Dean on matters pertaining to the conduct of members of the student body. The committee deals independently with all cases of alleged infraction of the honor system.

Honorary Societies

The Phi Beta Kappa Society is described on page 212.

Gargoyle Society

Gargoyle, established in 1895, is the senior honor society, with a maximum membership of twenty men who are chosen publicly on a specified day in the spring from members of the junior class in full standing. The original objects of the Gargoyle Society were “to discuss college matters, to take active steps for the advancement of Williams in every branch of college life, and to exert itself against anything deemed detrimental to such advancement.”

Besides representing his classmates’ recognition of his years of past service to the College, membership in the Society implies an eagerness to continue in this service. The Society accordingly attempts to directly influence campus life and to stimulate student response to it.

Purple Key

Purple Key, a junior service organization, consists of fifteen members of the junior class selected on the basis of their desire to serve Williams College. The society provides such services as greeting teams and visitors that come to Williams, sponsoring a houseparty and Key weekend, printing all athletic programs, and holding a Block “W” Banquet for letter winners in the spring of each year.

Delta Sigma Rho

Students who participate in intercollegiate debates are eligible for election to the Williams chapter of the national forensic fraternity, Delta Sigma Rho.

Intramural Athletics

Participation in intramural athletics is voluntary, and no credit in physical education is given for such participation. Tournaments in golf, tennis, billiards, pocket billiards, ping pong, squash, track, and swimming are held annually for the college championship in these activities. All students
Undergraduate Activities

are eligible to compete, and suitable prizes are awarded to the winners and, in some cases, to other place winners.

Each residential house enters teams in touch football, tennis, golf, basketball, swimming, volleyball, squash, hockey, skiing, softball, and track. The freshman class is divided into five groups each of which competes with the upperclass houses in these activities. Winners in each sport have their names engraved on the intramural plaques in the gymnasium. The team winning the greatest number of points for the year is awarded the intramural championship trophy. The freshman team winning the highest number of points has its name engraved on a special freshman plaque.

Intercollegiate Athletics

Williams normally has varsity and freshman teams in football, soccer, cross country, basketball, hockey, swimming, wrestling, squash, skiing, baseball, track, tennis, golf, and lacrosse, and intercollegiate competition in these sports.

Intercollegiate athletics are under the direct control of the faculty through the supervision of the faculty committee on athletics. The immediate direction of intercollegiate athletics, both varsity and freshman, is in the hands of the Director of Athletics, who is a member of this committee and also of the Athletic Council which acts in an advisory and consultative capacity. This Council is composed of three undergraduates, three alumni, and three members representing the faculty and administration.

Through a plan of the National Collegiate Athletic Association the College has provided for insurance protection up to $5,000 for injuries incurred by a student by accident:

(1) while participating in practice or playing for any intercollegiate sport as an official representative of his institution or,

(2) while actually being transported en route in a group to or from practice or play, provided the group is under the supervision and personal direction of the coach, manager, or other duly delegated authority of the College or team.

Williams Outing Club

The Williams Outing Club operates skiing facilities and stages the annual Winter Carnival. It also maintains trails and one cabin in the area during the year. The club also conducts a program of trips and other activities designed to exploit the advantages of the college's unique environment.
Undergraduate Activities

The 1960-61 season marked the opening of the Williams College Ski Center named after Assistant Professor Ralph J. Townsend, Williams coach of skiing since 1950. Located just five miles from the campus, the 4,000-foot trail and slope and the twenty and forty-five meter jumps provide superior competitive facilities for this popular sport.

Radio Station

The Williams College Radio Station, WMS-WCFM, is an organization with modern equipment, owned and operated by students. This activity provides the student with varied opportunities to work in the administration and physical operation of the station.

Williams-in-Hong-Kong

Begun in 1961 as "Operation Haystack" and deriving from the spirit of the 1806 Haystack meeting that ultimately led to the start of the American Board of Foreign Missions, Williams-in-Hong-Kong is a summer service project centering on New Asia College. With the guidance of Yale-in-China, a summer Institute in English is conducted by a small group of Williams Juniors and Seniors selected by a special faculty committee. Lasting approximately eight weeks, this course is designed to increase the proficiency of Chinese Middle School teachers of English. Also included as students are representatives from refugee agencies. One of the Williams representatives remains in Hong Kong for the following academic year to teach on the New Asia College Faculty and to plan and coordinate the ensuing summer’s Institute in English.
DEPARTMENT OF HEALTH

A health service, designed to care for all of the usual student illnesses and injuries, is maintained at the college infirmary. Doctors are available for consultation daily at regular hours. Emergency medical service can be obtained at any time, day or night. It is a rule of the College that if a student is not well enough to attend classes, he cannot remain in his room but must be admitted to the infirmary.

During his first few weeks at Williams each entering student receives an appointment with a staff doctor, at which his health questionnaire, previously completed at home, is reviewed and additional examinations made if indicated. Necessary restrictions in his physical activity are recommended.

Prevention of disability is a particular concern of the health service. Students are encouraged to visit the ambulatory clinic even if their symptoms are minor; and in order to eliminate any financial consideration in a decision to seek medical advice, no charges beyond the annual health fee are made for any treatment provided by the college health service. Every candidate for inter-collegiate sport must receive medical approval at the beginning of each season. A doctor is present at all varsity and freshman contests in contact sports.

The college’s psychiatrist and clinical psychologist are regularly available to students with emotional disorders or problems of personal adjustment.

The health department is happy to co-operate with family or outside physicians in the management of more chronic conditions, although it cannot assume the cost of special medicines in such cases, nor of services beyond the facilities of the infirmary.

Dental treatment and the fitting of glasses are not provided by the College, nor is any form of elective surgery. It is assumed that needs in these areas will be for the most part met at home during vacation periods; but if a student while resident at the College requires dental treatment or other specialized care not provided at the infirmary, he will be referred to a dentist or doctor in the area at his own expense.

The College assumes no responsibility for the cost of hospitalization outside the infirmary, nor for consultation requested by the student or his family.

No medical services are provided when the College is not in session. If a student ceases to be enrolled in college for any reason, he is no longer eligible for medical care.
Department of Health

**Accident and Sickness Insurance**

Since the Infirmary is not a complete hospital, with all the equipment and services required by modern diagnostic methods and treatment, it may be necessary for a student to be referred to a regular hospital in the vicinity or elsewhere, or for consultation with specialists not on the college medical staff. Also, an accident or illness may occur while the student is away from Williamstown during the college year, or during vacations, when the college health facilities are not available.

Through College-sponsored accident and sickness insurance it is possible at a low premium of $23 per student per year to provide protection against the costs of both accidents and illnesses treated outside of the college facilities.

A full description of the policy provisions is contained in the leaflet mailed annually to all parents. One-half the premium for this insurance will be included in each semester bill.

The premium is less than it otherwise might be, because through a plan of the National Collegiate Athletic Association, the College provides at its own expense for insurance protection up to $5,000 for injuries incurred by a student while participating in intercollegiate sports.
SCHOLASTIC REGULATIONS
AND STANDARDS

Regulations governing the honors program are given on page 50.

Spring Registration

Students are required to register during the designated period in the spring. A charge of $10 is made for late registration and a charge of $5.00 is made for changing a program after the end of the registration period.

Fall Enrollment

All students are required to enroll on designated days before classes begin in September. A penalty of $10 will be imposed for late enrollment.

Attendance at College Exercises

All students are expected to attend classes, announced quizzes, hour tests (tests longer than 35 minutes on review material), laboratory periods, final examinations, and individual appointments. Regulations regarding attendance are to be found in the "College Regulations" published annually.

Grading System and Records

The following grade system is used: A, excellent; B, good; C, fair; D, passing; E, failing. These letters with plus and minus value have the following numerical equivalents in calculating grade averages:

\[
\begin{align*}
A+ &= 12 & B+ &= 9 & C+ &= 6 & D+ &= 3 \\
A  &= 11 & B  &= 8 & C  &= 5 & D  &= 2 & E &= -1 \\
A- &= 10 & B- &= 7 & C- &= 4 & D- &= 1
\end{align*}
\]

A report of scholarship is sent by the Registrar to every student's parents or guardian at the close of each semester. A permanent record of each student's scholarship is kept, and by this record his promotion and graduation are determined.
Scholastic Regulations and Standards

Mid-Semester Warnings

In the middle of each semester, instructors report to the Registrar those students whose grades, as estimated at that time, are below C minus. Official notice is sent to each such student. A notice will be sent to the parents or guardian of a student who receives two or more warning grades.

If a student’s work declines seriously after the middle of the semester, he may be recommended for dismissal or required to resign at the end of the semester even though he did not receive mid-semester warnings.

Completion of Courses

Students are required to take five courses each semester. Exceptions to this rule may only be made by special permission of the Dean. A grade of E will be assigned to any course dropped after mid-semester warning date.

A student must secure a passing grade in the class work of a course in order to be admitted to the final examination. A course is considered completed for any semester when the student has obtained a grade as high as D minus, based on both the daily work and the final examination. If he fails to do this, he must cancel the deficiency in one of these ways:

(1) repeat the course and attain a passing grade in addition to the normal course load;

(2) forfeit credit for the course failed and take an extra semester course to make up the credit;

(3) in case of a first semester failure in certain courses, obtain a grade as high as C minus in the work of the second semester;

(4) in the case of a failure in the first semester of senior year, pass an extra course the second semester to make up this deficiency. This does not apply, however, to a failure in the first semester of a required major course. In this case, the senior is dropped from college at midyear.

If a failure occurs in the first semester of a full-year course the student may, with the consent of the instructor, continue the course. If a failure occurs in the second semester of a full-year course, credit for passing the first semester may be retained only upon the recommendation of the department concerned and with the approval of the Academic Standing Committee.

Academic Warning

At the end of each semester, the Academic Standing Committee may place on academic warning any student whose semester record is dangerously low.
Such students are advised that failure to improve scholastically in the following semester may result in dismissal. A note to this effect is also sent to the parents or guardians.

**Admission to Final Examinations**

A student who does not have a passing grade in a course at the end of class meetings may not take the final examination and will be given a grade of *E deficiency* for the course.

If a student has not completed on the last day of classes the work of a course, only the Dean may grant permission for the student to take the final examination and to complete the work at a later time.

If a student is absent from a final examination, a make-up examination may be given only with the permission of the Dean.

**Eligibility for and Completion of Majors**

To be eligible for any major, a student must have received grades of *C minus* or better in each semester of the prerequisite course and in any other course taken in the sophomore year which is required in the major. A student who falls below this standard may major in this subject only with the approval of the Academic Standing Committee in consultation with the chairman of the department.

The passing of each major course and of the major examination is necessary for the completion of the major. In addition, the student must obtain a general grade of 4.0 or higher in the major. This grade is determined by combining the grades attained in all the major courses and the grade attained in the major examination. The latter must count at least one fifth of the total. A student who receives a grade of *E* in the first semester of a required major course in his senior year is dropped from college at midyear. Seniors who have an average of less than 4.0 in the major field may also be dropped or allowed to resign at midyear.

A student who fails in the major examination, or who fails to secure a major grade of 4.0, may, on the recommendation of the department in which he majors and of the Academic Standing Committee, be given a re-examination a year later. Such a student, however, may not be in residence in Williams College while preparing for the re-examination.
Awarding of Degrees

To be eligible for the Bachelor of Arts degree a student must secure semester grades of C minus or higher in at least 23 semester courses and must attain a major grade of C minus or higher based upon the work in the major courses and in the final general examination.

By vote of the Trustees, the degree of Bachelor of Arts is conferred at Commencement upon students who have completed the requirements as to courses and grades to the satisfaction of the faculty, have paid to the treasurer all college dues and other college charges, and have returned all books belonging to the library.

Separation for Low Scholarship

It is the policy of Williams College not to permit a student to remain in residence after it has become evident that he is either unable or unwilling to maintain reasonable standards of achievement.

At the end of each semester, all academic records will be reviewed to determine which students have shown that they can profitably continue their work at Williams. Any student may be dismissed or required to resign who:

(a) at the middle of freshman year
   (1) has failed three courses;
   (2) has failed two courses and receives no grades as high as C minus.

(b) at the end of freshman year
   (1) has not attained five semester grades of C minus or better during the entire freshman year;
   (2) has made less than two grades of C minus or better in the second semester;
   (3) has accumulated three or more deficiencies.

(c) at the middle of sophomore year
   (1) has failed to attain at least three grades of C minus or better during the first semester;
   (2) has accumulated three or more deficiencies;
   (3) has failed two courses during the semester.

(d) at the end of sophomore year
   (1) has failed to attain at least three grades of C minus or better during the second semester;
   (2) has accumulated three or more deficiencies;
   (3) has failed two courses during the semester;
   (4) has failed to qualify for a major.
(e) at the middle of junior year
(1) has failed to attain at least three grades of C minus or better during the first semester;
(2) has accumulated three or more deficiencies;
(3) has failed two courses during the semester;
(4) has fallen below an average of 4.0 in his major and has no alternative major open.

(f) at the end of junior year
(1) has failed to attain at least three grades of C minus or better during the second semester;
(2) has accumulated three or more deficiencies;
(3) has failed two courses during the semester;
(4) has fallen below an average of 4.0 in his major and has no alternative major open.

(g) at the middle of senior year
(1) has failed to attain at least three grades of C minus or better during the first semester;
(2) has accumulated three or more deficiencies;
(3) has failed two courses during the semester;
(4) has received a midyear grade of E in a required major course;
(5) has fallen below an average of 4.0 in his major, unless the Academic Standing Committee permits him to resign unconditionally.

(h) at the end of senior year
(1) has failed to attain at least three grades of C minus or better during the second semester;
(2) has accumulated three or more deficiencies;
(3) has failed any course during the semester;
(4) receives a grade of less than 4.0 in his major field;
(5) fails the major examination.

Dean’s List

All students who have attained a semester average of 8.00 or higher in the preceding semester, are elected to the Dean’s List.
Scholastic Regulations and Standards

Sophomore Honors

Sophomore honors are awarded at the end of the sophomore year to all students who have attained grades of the same excellence as are required for degrees with distinction at graduation.

Graduation with Distinction

The faculty will recommend to the trustees that the degree of Bachelor of Arts with certain distinctions be conferred upon those members of the graduating class who have met the following standards.

Students who have qualified for the degree with honors and have obtained a four year grade average of:

- 8.00 to 9.24—Bachelor of Arts cum laude.
- 9.25 to 10.24—Bachelor of Arts magna cum laude.
- 10.25 or higher—Bachelor of Arts summa cum laude.

Students who have not qualified for the degree with honors, but who have attained a four year grade average of:

- 9.00 or higher—Bachelor of Arts cum laude.

Phi Beta Kappa

The standards for election to the Phi Beta Kappa Society are given on page 212.
COLLEGE REGULATIONS

Scholastic regulations and standards are described on pages 247-252. The honor system is described on page 211.

Order and Discipline

It is the aim of the College to encourage among undergraduates a sense of personal responsibility and self-government. The College and the College Council insist on good taste, gentlemanly conduct, and conformity with college rules. Rules governing conduct are established by the Dean and the Faculty Disciplinary Committee with the advice of the student Honor System and Discipline Committee. The faculty committee is appointed by the President. The student committee is appointed by the College Council.

The student Honor System and Discipline Committee meets separately or jointly with the Faculty Disciplinary Committee and the Dean on matters pertaining to the conduct of members of the student body.

Every undergraduate is required to be thoroughly familiar with the college regulations as set forth in the booklet on college rules. Responsibility for enforcement of rules of conduct rests with the Dean and the Faculty Disciplinary Committee.

Operation of Motor Vehicles

Only Juniors and Seniors are permitted to maintain or operate a motor vehicle while college is in session. Freshmen and Sophomores are permitted to keep automobiles in dead storage in Williamstown for traveling during the college recesses. Permission to keep a car in dead storage must be secured from the Dean in advance. The license plates of dead storage cars must be filed in the college police office. While college is in session these automobiles are not to be used by anyone without permission of the college police or the Dean. If this rule is violated, both the owner and the operator will be held responsible.

Violation of these rules renders a student liable to suspension from College for a period of one year.

Students receiving financial assistance from the College are not permitted to maintain motor vehicles on campus while college is in session except by special permission from the Director of Financial Aid.

Occupancy of College Rooms

All students are required to reside in the college-operated housing or in
the fraternities, unless for special reasons they are permitted by the Dean to live off campus. Students may not maintain other housing facilities in the Williamstown area without the permission of the Dean. Freshmen are assigned to rooms by the Admissions Office. Sophomores and upperclassmen who are to reside in college-operated dormitories are assigned to their rooms by a drawing system supervised by the Treasurer’s Office. No student may occupy his room during vacation periods except by special permission from the Dean.

Each room is provided with the essential articles of furniture, including desk, chair, table, chest of drawers, pillow, mattress, and bed. The student is expected to supply his own lamps, rugs, drapes, linen, and blankets. The use of any refrigerator, or electrical appliance, except lamps, radios, phonographs, or razors, is not allowed except with the permission of the Director of Physical Plant. Detailed room regulations are included in the booklet, Williams College Regulations, and are posted in each dormitory.

All articles sent to the College by students during vacations should be shipped prepaid and should be marked with the name of the student and his room number, in care of the Director of Physical Plant.

**Meals**

Freshmen are required to eat in the freshman dining room of Baxter Hall and upperclassmen in the upperclass dining room in the same building, in their residential house dining room, or in fraternities, unless excused by the Dean.

**Eligibility for Extracurricular Activities**

Eligibility to represent the College in any athletic, dramatic, literary, musical, or other organization as a member, substitute, or officer, is determined as far as academic standing is concerned at the beginning and middle of each semester.

A student is eligible for participation in these activities unless —

1. he is on disciplinary warning or probation for irregularity of conduct or attendance;
2. he receives two E’s in a five-course schedule, or one E in a four-course schedule;
3. he is made ineligible by vote of the Academic Standing Committee because of a dangerously low record.

Freshmen are not eligible for intercollegiate varsity competition.

No student who enters by transfer from another college shall be eligible to represent the College in any intercollegiate contest for a period of two semesters after his entrance.

All competitors for college organizations are subject to the same eligibility rules as officers or other members of these organizations.
PRIZES

The names of persons to whom awards have been made in 1963-64 are given in the back of this catalog.

Prizes in Special Studies

JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY. From a fund given by John Sabin Adriance, 1882, a prize of $80 is given to the student who has maintained the highest rank in all courses offered by the department of chemistry.

BENEDICT PRIZES. From a sum of money given by Erastus C. Benedict, 1821, once an instructor in the College, first ($25) and second ($15) prizes are awarded for excellence in biology, French, German, Latin, Greek, history, and mathematics.

KENNETH L. BROWN, CLASS OF 1947, AWARD IN AMERICAN STUDIES. From a fund established by his parents in memory of Kenneth L. Brown, $75 is awarded annually, at the end of his junior year, to a student specializing in some area of American studies, with preference given to students majoring in American history and literature and to candidates for the degree with honors. The student’s need as well as his ability is a factor in the award.

DAVID TAGGART CLARK PRIZE. Established by a bequest from the estate of David Taggart Clark. $50 is awarded annually to a sophomore or freshman who excels in Latin declamation or recitation.

CONANT-HARRINGTON PRIZE IN BIOLOGY. A prize of $50 founded by the class of 1893 in memory of two of their classmates is awarded upon the recommendation of the chairman of the department of biology for outstanding work done in biology.

GARRETT WRIGHT DE VRIES MEMORIAL PRIZE. From a fund in memory of Garrett Wright De Vries ’32, given by his father, Dr. Joseph C. De Vries, a prize of $15 is awarded annually on recommendation of the department of Romanic Languages for excellence in Spanish.

SHERWOOD O. DICKERMAN MEMORIAL PRIZE. In memory of Sherwood O. Dickerman, professor of Greek at Williams College, friends of Williams College and of the Classics donate annually a prize to a sophomore or freshman who has distinguished himself in his Greek studies.
Prizes

Dwight Botanical Prize. A fund created by the bequest of Nellie A. Dwight to establish a prize in memory of her father, Henry A. Dwight, 1829. A sum of $50 is awarded annually to the student who maintains the highest standing in botany during the year.

Rowland Evans Prize in Freshman English. In memory of Lieutenant Rowland Hill Evans, AAF killed over Germany on February 22, 1944, who was an instructor in English at Williams College from 1940 to 1942, a group of his friends has established a book prize to be awarded to the ranking student in English 101-102. Since Lieutenant Evans showed special interest in freshman English while teaching at Williams, the recipient of this prize is chosen by those members of the English Department who give instruction in this course.

Gilbert W. Gabriel Memorial Award in Drama. From a fund established in 1953 by a group of friends in memory of Gilbert W. Gabriel ’12, a cash prize is awarded to that senior who, during his four years, has made the most notable contribution to the advancement of theatre at Williams College. The committee of award includes the director of the Adams Memorial Theatre, one other faculty member, and the president of the Gargoyle Society.

Arthur C. Kaufmann Prize in English. In memory of Arthur C. Kaufmann ’99, a fund has been established by his fellow workers for a book prize awarded annually on the recommendation of the English department for excellence in English.

J. Fitch King Prize in Chemistry. An annual prize given anonymously in honor of the late Professor J. Fitch King, who taught chemistry at Williams for 23 years. A sum of $50 is awarded to a senior who is judged most likely to succeed in his graduate study of chemistry, preferably organic. The donor requests that the recipient use the money for his library of scientific books.

Leverett Mears Prize in Chemistry. From a fund established by a member of the class of 1906. A prize of $75 is awarded to that senior majoring in chemistry who has been admitted to graduate study in the medical sciences or to medical school, and who, in the opinion of the members of the Chemistry Department, has had a distinguished record in chemistry and shows outstanding promise.

John W. Miller Prize in Philosophy. A group of grateful alumni who studied under Professor John W. Miller have established a fund as a continuing symbol of their appreciation of his teaching. The income shall be used to purchase a book prize to be awarded to the individual selected by
the chairman of the philosophy department as the outstanding philosophy student for that year.

**Richard Ager Newhall Book Prize in European History.** In honor of Richard Ager Newhall, distinguished historian and teacher of history at Williams College, 1924-1956, the department of history awards a book to the freshman who writes the best essay in History 101-102 or 103-104.

**Rice Prizes.** Bequest of James Lathrop Rice for the encouragement of Latin and Greek scholarship. A prize of $150 is awarded to a junior or senior who has distinguished himself in Latin studies. A similar prize is awarded for distinguished work in Greek.

**Lawrence Robson Memorial Prize in Chemistry.** Given in memory of Lawrence Robson '59 who died during his college career, a prize of $400 is awarded annually, beginning with the class of 1959, to the most outstanding and deserving student majoring in chemistry. The selection is made by a committee of three members of the department of chemistry, one of whom shall be the chairman of that department.

**Bruce Sanderson Award for Excellence in Architecture.** From a fund established by the friends, family, and classmates in memory of Bruce Sanderson, Class of 1956, who died while serving in the United States Navy. Since Bruce Sanderson found his special interest at Williams and at graduate school in architecture, this award of cash is given each year to the senior who, in the opinion of the faculty members who teach architecture, shows the greatest achievement and promise in this field.

**Edward Gould Shumway Prize in English.** In memory of Edward Gould Shumway, 1871, a fund has been established by his daughter, Mary Shumway Adams, from which a prize of $75 is awarded annually to a senior majoring in English who has, in the judgment of the English department, done the most distinguished work in English literature and composition.

**Theodore Clarke Smith Book Prize in American History.** In honor of Theodore Clarke Smith, distinguished historian and teacher of history at Williams College, 1903-1938 and 1943-44, the department of history awards a book to the sophomore who writes the best essay in History 201-202 or 203-204.

**Karl E. Weston Prize for Distinction in Art.** In appreciation of Karl Weston’s great service to Williams College as teacher and as Director of the Lawrence Art Museum, a book prize is awarded each year at commencement to a senior majoring in art whose work has shown unusual brilliance, imagination and industry.
Prizes

Essay Prizes

Academy of American Poets Prize. A prize of $100 awarded by the department of English for the best poem or group of poems by an undergraduate. The prize was made possible originally by a bequest of Mrs. Mary Cummings Eudy, a former member of the Academy, and is now continued through the generosity of an anonymous donor. Twenty-four colleges and universities in various parts of the United States participate.

Henry Rutgers Conger Memorial Literary Prize. Fund established by members of the class of 1899 for a prize of $75 awarded annually in memory of their classmate, Henry Rutgers Conger, for the best contribution of prose or poetry submitted to a literary magazine published by the undergraduates of the College, as judged by a committee from the department of English.

Arthur B. Graves Fund. Established by Arthur B. Graves, 1858, for six prizes of $20 each for the best six essays prepared by seniors on subjects assigned by the following departments: art, economics, history, philosophy, political science, religion. A further prize of $80 is awarded to the student "who shall deliver his essay in the most effective manner before a public audience."

C. David Harris Jr. Book Prize in Political Science. In memory of C. David Harris Jr., 1963, who died during his college career, a book is awarded annually to the Political Science major who writes the best essay in Political Science 301-302. The prize was donated by his classmates through the Williams College Social Council of which David was a member, and the winner is selected by the Political Science Department.

Lathers Prize and Medal. From a fund given by Richard Lathers, a cash prize of $50 and also a bronze medal, offered to the senior who writes the best essay of not less than one thousand words on the duty or relation of citizens to the government. The winning essay is sent to the Springfield Republican and a Pittsfield journal for publication.

Sentinels of the Republic Prize. Income from a gift of the Sentinels of the Republic, an organization established in 1922 in Boston to oppose excessive governmental centralization. A $500 prize is offered for the best essay on a subject relating to the American Federal System of Government.

William Bradford Turner Prize in History. From the income of a fund given by the family of William Bradford Turner ’14, who was killed in action in France in September, 1918, a prize of $150. Awarded for the best thesis or essay in the field of American history or institutions presented by a
Prizes

student completing either the major in history, political science, or American history and literature.

David A. Wells Prize. From a bequest of David A. Wells, 1847, a prize of $500 may be awarded for an essay upon a subject in political economy. Competition is limited to seniors and to graduates of not more than three years' standing. A successful essay is printed and circulated by the College out of the residual income of the fund. Further information relating to the competition for this prize may be obtained from the chairman of the department of economics.

General Prizes

Grosvenor Memorial Cup. Given by the members of the Interfraternity Council of 1931 in memory of their fellow member, Allan Livingston Grosvenor. Awarded annually for one year to the junior who best exemplified the traditions of Williams. The committee of award consists of the chairman and the secretary of the College Council and three other members selected by the Council.

Carl T. Naumburg Student Book Collection Prize. An annual prize of $100 made possible through the generosity of Carl T. Naumburg '11. The contest is open to all undergraduates regularly enrolled at Williams College, and will be held in the Spring of each year. The rules of the contest and other information may be obtained from the Custodian of the Chapin Library in Stetson Hall.

Albert P. Newell Prize for Clear Thinking. Bequest of the late Albert P. Newell '05, who founded the Williams Record and was its first editor. A prize of $100 awarded to that senior "who has best demonstrated his ability to think clearly, and to express his thoughts clearly and concisely, whether verbally or in writing." The faculty prize committee will consider recommendations by the editor of the Record.

James C. Rogerson Cup and Medal. Presented by Mrs. James C. Rogerson and the class of 1892 in memory of Mr. Rogerson, a member of that class. The cup, a permanent possession of the College, is awarded annually for one year by the President of the College to an alumnus or to a senior for service and loyalty to the College and for distinction in any field of endeavor; a bronze medal is awarded for permanent possession of the recipient.

Scholarship Trophy. Awarded annually by the Faculty Club of Williams College to the social group of highest scholastic rank. The
permanent plaque is kept in Baxter Hall while an individual trophy is awarded each year to the ranking group.

**William Bradford Turner Citizenship Prize.** From a fund established in memory of William Bradford Turner ’14, who was killed in action in France in September, 1918, a prize of $250, with a bronze medal, is awarded to the member of the graduating class who, in the judgment of the faculty and of the graduating class, has best fulfilled during his course his obligations to the College, his fellow students, and himself. The committee of award, appointed by the President of the College, is composed jointly of faculty members and members of the graduating class.

**Rhetorical Prizes**

**Dewey Prize.** A prize of $50, founded by Francis Henshaw Dewey, 1840, and awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the commencement exercises.

**Graves Prize for Delivery of Essay.** To the winner of the Graves essay prize who delivers his essay in the most effective manner, a prize of $80 is awarded.

**Elizur Smith Speaking Prize.** Established in the year 1866, this prize of $65 is awarded each year to encourage excellence in public speaking.

**The Stone Interfraternity Debate Trophy.** A silver bowl given by James H. Stone ’48, in honor of his father, Jacob C. Stone ’14, and awarded annually to the fraternity placing highest in the interfraternity debate contest.

**Van Vechten Prize.** A prize of $65, established by A. V. W. Van Vechten, 1847, awarded for impromptu speaking. The assignment of this prize is made by a committee of the faculty on the basis of a public competition.

**Athletic Prizes**

**Francis E. Bowker, Jr., Swimming Prize.** A cup given by the late Francis E. Bowker, Jr. ’08, on which is engraved year by year the name of the winner of a meet open to all students who are not members of the college swimming team.

**Belvidere Brooks Memorial Medal.** Purchased from a fund established by alumni of the College, friends of Captain Belvidere Brooks ’10, who was killed in action at Villesavoye, France, August 21, 1918. This medal is presented at the close of the football season by the President of the College to
the member of the team whose playing during the season has been of the
greatest credit to the College. No person shall receive the medal more than
once. Awarded by the committee made up of the chairman of the faculty
committee on athletics, the head coach, and the manager of the team.

J. Edwin Bullock Wrestling Trophy. Presented in 1960 by his fellow
coaches and awarded annually to that varsity wrestler who because of his
superior performance, courage, and loyalty has been of credit to his college.
The Committee on Selection consists of the Director of Athletics, the varsity
wrestling coach, and the varsity wrestling manager.

Canby Athletic Scholarship Prize. A prize of $50, established by W.
Marriott Canby, 1891, and awarded at commencement to the senior who
has attained the highest average standing in scholarship during his course.
The recipient must have been in college since the beginning of his junior
year, and must have represented the College in a recognized intercollegiate
athletic contest.

Fox Memorial Soccer Trophy. A perpetual trophy in tribute to the in-
spiring qualities of leadership and integrity which distinguished Myles Fox
'40, Williams soccer captain, killed in action on Tulagi while serving with the
United States Marine Corps. Each year there shall be inscribed on the
trophy the name of the soccer player whose achievements of character and
sportsmanship best typify those of the "Skipper." The trophy was award-
ed anonymously by a Williams alumnus in 1953. The committee on selec-
tion consists of the Director of Athletics, the Coach, and the Manager of the
soccer team.

Golf Trophy. A silver bowl presented in 1952 on the fiftieth anniversary
of the first Williams golf team by four members of that team; Richard H.
Doughty '03, Richard W. Northup '04, E. Donaldson Clapp '04, and Ed-
ward A. Clapp '06. On this trophy is inscribed each year the name of the
winner of the annual college golf tournament, who also receives a smaller
trophy for his permanent possession.

Willard E. Hoyt, Jr. '23 Memorial Award. Presented to the College
by the Alpha Delta Phi Class of 1960 in memory of Willard E. Hoyt, Jr. '23.
Awarded annually to that senior letterman whose spirit and superior efforts
on behalf of Williams athletics have been combined with a genuine academic
interest. The winner's name will be inscribed on the permanent trophy
and he will receive a small replica for his possession. The selection com-
mittee consists of the Dean, a varsity coach named each year by the Director
of Athletics, the President of the Purple Key Society, and the Chairman of
the Faculty Committee on Athletics.
Prizes

Robert W. Johnston Memorial Trophy. Presented by the members of Delta Kappa Epsilon in memory of Robert Woodall Johnston ’49. Awarded annually to the most valuable varsity baseball player, whose name is inscribed on the trophy. The choice of the most valuable player is made by the Athletic Director, the Coach, and the Manager of varsity baseball.

Lacrosse Award. A silver plaque presented in 1959 by the Williams College Alumni Association of Maryland as a permanent trophy on which is inscribed each year the name of the outstanding varsity lacrosse player. The winner, who is selected by the Director of Athletics and the Coach and Manager of lacrosse, will receive a miniature replica of the plaque for his possession.

Lehman Cup Track Competition. Cups presented by Herbert H. Lehman ’99 as prizes at the track meet conducted each spring.

Robert B. Muir Swimming Trophy. Presented in 1960 by Mr. and Mrs. George S. Dively, parents of Michael A. Dively ’61. Awarded annually to the outstanding varsity swimmer on the basis of performance, leadership, and sportsmanship. The committee on selection consists of the Director of Athletics, the Coach, and the Manager of the swimming team.

Franklin F. Olmsted Memorial Award. Given in 1963 by Mrs. Franklin F. Olmsted in memory of her husband, of the Class of 1914, who was a member of the first Williams cross country team. Awarded annually to a member of the cross country team on the basis of character, perseverance, and sportsmanship. On the trophy will be inscribed the name and class of the winner, who will receive a small replica of the trophy for his permanent possession. The committee on selection shall consist of the Director of Athletics, the coach and the manager of the team, unless the President in his discretion shall otherwise direct. In any year in which cross country is not a varsity sport this trophy shall be awarded to a member of some varsity team who outstandingly exemplifies the above qualities.

Anthony Plansky Award. Given in 1953 by George M. Steinbrenner, III ’52, and awarded annually to the best varsity track athlete on the basis of performance, leadership, and sportsmanship. On the trophy will be inscribed the name of the winner, who will also receive a smaller trophy for his possession. The committee on selection consists of the Director of Athletics, the head coach of track, and the athletic equipment manager.

Leonard S. Prince Memorial Swimming Prize. In memory of Leonard Sidney Prince ’14, donated by his father, S. S. Prince. Presented to the member or members of the freshman class who are successful in a swimming and diving meet open to all freshmen and held prior to the selection of the college swimming team.
**Purple Key Trophy.** A trophy, awarded for the first time in 1958, for the senior letter-winner who best exemplifies leadership, team spirit, ability, and character. Chosen by the director of athletics, president of the Purple Key, two members of the Athletic Department, and one faculty member chosen by the Purple Key.

**Michael D. Rakov Memorial Award.** Presented in 1957 by the members of Alpha Delta Phi, to be awarded annually to the member of the varsity football team who, in the opinion of his coaches, is the most improved lineman, and who possesses superior qualities of leadership, aggressiveness, and determination.

**Paul B. Richardson Swimming Trophy.** A permanent trophy of bronze presented by Mr. Paul B. Richardson of Belmont, on which is recorded each year the name of the swimmer or diver winning the greatest number of points in dual collegiate meets during the swimming season.

**Rockwood Tennis Cup Prize.** In memory of Lieutenant Richard Burton Rockwood '16, who was killed in action in France, his mother, Mrs. R. L. Rockwood, has given a fund to provide a cup to be awarded annually to the winner of the singles in the fall tennis tournament.

**Charles Dewoody Salmon Award.** Presented in 1960 by his former teammates in memory of Captain Charles D. Salmon, USAF, former Little All-American guard and captain of the 1951 Williams College football team, killed in the service of his country. Awarded to that sophomore member of the varsity football squad who, in the opinion of the coaching staff, has made the most significant contribution to the varsity football team in his first year of eligibility. Presented by the team of 1951 in the sincere hope that it will serve to inspire the recipients in the years to follow to seek the same supreme qualities of performance and leadership which Chuck Salmon exemplified.

**Scribner Memorial Tennis Trophy.** A plaque presented in 1954 by his friends in memory of Frederick M. Scribner, Jr., class of '49, killed in action in Korea on February 20, 1953. This trophy is awarded annually to the member of the varsity tennis team who best combines sportsmanship, team spirit, and character. The committee on selection consists of the Director of Athletics, the varsity tennis Coach, and the varsity tennis Manager.

**Squash Racquets Prizes.** A silver cup presented by the donors of the squash racquets building, Clark Williams, 1892, John P. Wilson '00, and Quincy Bent '01, as a permanent trophy to be competed for in an annual elimination tournament for students. The names of the winner and the runner-up are added to the trophy each year. The former receives a miniature silver replica of the cup and the latter a silver tray.
Prizes

Oswald Tower Award. A plaque in honor of the contribution of Oswald Tower ’07 to basketball, as editor of the Basketball Rules for forty-four years and as a basketball rules interpreter. Presented in 1960, by former Williams players, to the most valuable player of the Williams basketball team in the opinion of the coaches and manager. A smaller plaque will be presented each year for permanent possession.

Ralph J. Townsend Ski Trophy. Presented in 1959 by former members of Williams skiing teams for the varsity skier who best exhibits the qualities of sportsmanship, competition, and team spirit associated with Williams and skiing. The Committee on Selection consists of the Director of Athletics and the varsity ski coach.

Young-Jay Hockey Trophy. Presented by George G. Young ’38 and John C. Jay ’38. A silver cup on which is inscribed annually the name of a member of the Williams varsity hockey team notable for loyalty and devotion to the interests of Williams hockey; courage, self-control, and modesty; perseverance under discouraging circumstances; and a sense of fair play towards his teammates and his opponents. Committee on selection consists of the director of health, the director of athletics, the head coach, and the manager of the team.
FACULTY* 1964-1965

John Edward Sawyer, M.A., LL.D., Litt. D. 212 Main Street
President

Elmer Irwin Shepard, M.A. Hicksville, New York
Associate Professor of Mathematics, Emeritus

Walter Wallace McLaren, Ph.D., LL.D. Pasadena, California
William Brough Professor of Economics, Emeritus

Edwin Allen Locke, M.D. West Orange, New Jersey
Director of Health and Athletics, Emeritus

Brainerd Mears, Ph.D. 71 South Street
Ebenezer Fitch Professor of Chemistry, Emeritus

John Preston Comer, Ph.D. Charlottesville, Virginia
A. Barton Hepburn Professor of Government, Emeritus

Volney Hunter Wells, Ph.D. Sarasota, Florida
Professor of Mathematics, Emeritus

Michele Angelo Vaccariello, B.A. The Knolls
Professor of Romanic Languages, Emeritus

Richard Ager Newhall, Ph.D., Litt. D. Grace Court
Brown Professor of History, Emeritus
*Part-time Visiting Professor of History

Elbert Charles Cole, Ph.D. Middlebury, Vermont
Samuel Fessenden Clarke Professor of Biology, Emeritus

Carl Sherman Hoar, Ph.D. 56 Glen Road
Professor of Biology, Emeritus

Nelson Sherwin Bushnell, Ph.D., Litt. D. Sloan Road
John Haxley Roberts Professor of English, Emeritus

Elliott Mansfield Grant, Ph.D. Lyme, New Hampshire
Alumni Fund Professor of Romanic Languages, Emeritus

John William Miller, Ph.D. 35 Grace Court
Mark Hopkins Professor of Intellectual and Moral Philosophy, Emeritus

James Edwin Bullock, M.A. Harman Pond Road
Associate Professor of Physical Education, Emeritus

*Arranged in order of appointment to rank.
*1964-65

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Faculty

ANTONIO GARCIA DE LAHIGUERA, DOCTOR EN DERECHO
Professor of Romanic Languages, Emeritus
Madrid, Spain

GEORGE McLEAN HARPER, JR., PH.D.
Garfield Professor of Ancient Languages
Stetson Court

FREDERICK LEWIS SCHUMAN, PH.D.
Woodrow Wilson Professor of Government
80 Main Street

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Thomas T. Read Professor of Physics
Stone Hill Road

DONALD EVERETT RICHMOND, PH.D., D.SC.
Frederick Latimer Wells Professor of Mathematics
Sweet Brook Road

ELWYN LIONEL PERRY, PH.D.
Edward Brust Professor of Geology and Mineralogy
19 Moorland Street

SAMUEL ARTHUR MATTHEWS, PH.D., D.SC.
Samuel Fessenden Clarke Professor of Biology and
Chairman Pro Tempore of the Faculty
Woodcock Road

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Barclay Jermain Professor of Natural Philosophy and
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Director of Williams College Museum of Art
Scott Hill Road

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Ebenezer Fitch Professor of Chemistry
Whitman Street

*ROBERT R. R. BROOKS, B.A. (OXON), PH.D.
Orrin Sage Professor of Economics
Bee Hill Road

THOMAS VAN ORDEN URMY, M.D.
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Baxter Road

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Professor of Psychology
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WYLLIS EATON WRIGHT, M.A., B.S.
Librarian
Stratton Road

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William Dwight Whitney Professor of German Literature
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Mary A. and William Wirt Warren Professor of Biology
10 Woodlawn Drive

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Field Memorial Professor of Astronomy and
Director of the Hopkins Observatory--Milham Planetarium
25 School Street

ROBERT JOSEPH ALLEN, PH.D.
John Hawley Roberts Professor of English
Cluett Drive

GEORGE GARTLAND CONNELLY, B.A., LL.B.
Professor of Public Speaking and Adviser to Pre-Law Students
Colonial Village

*On leave 1964-65
FRANK RODGER THOMS, JR., B.A., M.B.A. 81 Park Street
Chairman Department of Physical Education and Intercollegiate Athletics, and
Director of Athletics

ROBERT GEORGE BARROW, Mus. M. Jerome Drive
Professor of Music

LAWRENCE WILSON BEALS, Ph.D. Hawthorne Court, Buxton Hill
Professor of Philosophy

*LUTHER STEARNS MANSFIELD, Ph.D. Stetson Court
Professor of American History and Literature

WHITNEY SNOW STODDARD, Ph.D. Gale Road
Professor of Art

**ROBERT CHARLES LEWIS SCOTT, Ph.D. Cluett Drive
J. Leland Miller Professor of American History, Literature, and Eloquence

FRED HOLLY STOCKING, Ph.D. Old Bennington, Vermont
Morris Professor of Rhetoric

***JAMES MACGREGOR BURNS, Ph.D. 115 Park Street
James Phinney Baxter, 3rd Professor of History and Public Affairs

MAURICE WESCOTT AVERY, Ph.D. 197 North Street
Massachusetts Professor of Latin

****WILLIAM HARVEY PIERSON, JR., M.F.A., Ph.D. 50 South Street
Professor of Art

FREEMAN FOOTE, B.A. Cold Spring Road
Professor of Geology

CHESTER WALLACE JORDAN, JR., F.S.A. Sweet Brook Road
Professor of Mathematics, Director of Data Processing Center
and Acting Registrar

CHARLES DANIEL COMPTON, Ph.D. Stetson Court
Professor of Chemistry and Adviser to Premedical Students

FREDERICK CLEVELAND COPELAND, Ph.D. Fort Hoosac Place
Director of Admissions and Professor of Biology

****EDWARD GODFREY TAYLOR, Ph.D. Hawthorne Court, Buxton Hill
Professor of Chemistry

JAMES CLAY HUNT, Ph.D. Old Faculty Club
Professor of English

ROBERT GEORGE LEESON WAITE, Ph.D. Talcott Road
Brown Professor of History

WILLIAM BYRAM GATES, JR., Ph.D. Sabin Drive
William Brough Professor of Economics and
Chairman of the Center for Development Economics and
Director of Overseas Projects

*On leave 1964-65
**On sabbatical leave first semester 1964-65
***On leave second semester 1964-65
****On sabbatical leave 1964-65
*****From October 3, 1964
Faculty

*Paul Gordon Clark, Ph.D.
  David A. Wells Professor of Political Economy
  Cluett Drive

**Nathaniel Morris Lawrence, Ph.D.
  Professor of Philosophy
  Denison Park

***David Allen Park, Ph.D.
  Professor of Physics
  4 Chapin Court

Fred Greene, Ph.D.
  A. Barton Hepburn Professor of Government
  54 South Street

Philip Kay Hastings, Ph.D.
  Professor of Psychology and Political Science and
  Director of the Roper Public Opinion Research Center
  Bulkley Street

Henry William Oliver, Ph.D.
  Professor of Mathematics
  245 Main Street

Anson Conant Piper, Ph.D.
  Alumni Fund Professor of Romanic Languages
  Baxter Road

Charles Frederick Rudolph, Jr., Ph.D.
  Mark Hopkins Professor of History
  Ide Road

Joseph Alexander Kershaw, Ph.D.
  Herbert H. Lehman Professor of Economics and Provost of the College
  Cluett Drive

Richard Oliver Rouse, Jr., Ph.D.
  Professor of Psychology
  Harmon Pond Road

Irwin Shainman, M.A., Premier Prix, Conservatoire de Paris
  Professor of Music and Curator of the Whiteman Collection
  Baxter Road

****Guilford Lawson Spencer, II, Ph.D.
  Professor of Mathematics
  Colonial Village

John Henry Power, Ph.D.
  Professor of Economics and Director of Research in Development Economics
  Gale Road

Donald Campbell Mackenzie, Ph.D.
  Professor of Classics
  5 Chapin Court

John Kenneth Savacool, B.A.
  Professor of Romanic Languages
  51 Park Street

Jakob Rosenberg, Ph.D.
  Robert Sterling Clark Professor of Art
  184 Main Street

****Hans Singer, Ph.D.
  Visiting Professor of Economics
  Grace Court

*William Jay Smith, M.A.
  Poet in Residence and Lecturer in English
  North Pownal, Vermont

Jackson Professor of Christian Theology

Hales Professorship of Psychology

*On leave 1964-65
**On sabbatical leave second semester 1964-65
***On leave second semester 1964-65
****On sabbatical leave 1964-65
*****Second semester 1964-65
Faculty

Harold Hubbard Warren, Ph.D.
Associate Professor of Chemistry
144 Main Street

*Russell Henry Bastert, Ph.D.
Associate Professor of History
Grace Court

**John Wesley Chandler, Ph.D.
Associate Professor of Religion
Grace Court

***Don Creighton Gifford, B.A.
Associate Professor of English
33 Belden Street

**Harlan Philip Hanson, Ph.D.
Associate Professor of German
5 Grundy Court

Robert Marvin Kozelka, Ph.D.
Associate Professor of Mathematics
39 Belden Street

Robert Neill Ellison Megaw, Ph.D.
Associate Professor of English
3 Chapin Court

John Wesley Handler, Ph.D.
Associate Professor of Religion
Grace Court

Don Creighton Gifford, B.A.
Associate Professor of English
33 Belden Street

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Associate Professor of Mathematics
39 Belden Street

Robert Neill Ellison Megaw, Ph.D.
Associate Professor of English
3 Chapin Court

John Wesley Handler, Ph.D.
Associate Professor of Religion
Grace Court

William Chase Grant, Jr., Ph.D.
Associate Professor of Biology
Sweet Brook Road

****John Bernard Sheahan, Ph.D.
Associate Professor of Economics
Lynde Lane

Dudley Ward Rhodes Bahlman, Ph.D.
Associate Professor of History and Secretary of the Faculty
27 Southworth Street

Fielding Brown, Ph.D.
Associate Professor of Physics
85 Park Street

MacAlister Brown, Ph.D.
Associate Professor of Political Science
68 South Street

Henry Jackson Bruton, Ph.D.
Associate Professor of Economics and
Director of Graduate Study in Development Economics
Gale Road

John Archibald MacFadyen, Jr., Ph.D.
Associate Professor of Geology
265 West Main Street

Louis Celestino Pérez, Ph.D.
Associate Professor of Romanic Languages
Chuett Drive

****Dwight James Simpson, B.Litt. (Oxon), Ph.D.
Associate Professor of Political Science
13 Park Street

Lyle M. Hansen, Ph.D.
Visiting Associate Professor of Economics
Bee Hill Road

Benjamin Woods Labaree, Ph.D.
Dean and Associate Professor of History
27 Park Street

*On leave second semester 1964-65
**On sabbatical leave 1964-65
***On sabbatical leave second semester 1964-65
****On leave 1964-65
Faculty

GEORGE PISTORIUS, Ph.D.
Associate Professor of Romanic Languages
Stetson Court

HERBERT LEE HIRSCH, B.F.A.
Associate Professor of Art
Gale Road

*KURT PHILIP TAUBER, Ph.D.
Associate Professor of Political Science
7 Southworth Street

RICHARD J. FOSTER, Ph.D.
Visiting Associate Professor of English
Stetson Court

JOHN R. FOY, Ph.D.
Visiting Associate Professor of Chemistry
Waterman Place

FRANK S. MACSHANE, D. Phil. (Oxon)
Associate Professor of English
Jamieson Heights

H. RICHARD ARCHER, Ph.D.
Custodian of Chapin Library
11 Park Street

ROBERT BRUCE MUIR, M.A.
Assistant Professor of Physical Education
Baxter Road

CLARENCE CHURCH CHAFFEE, M.A.
Director of Physical Education and Assistant Professor of Physical Education
20 Glen Street

ANTHONY PLANSKY, B.Ed., M.A.
Assistant Professor of Physical Education
33 Southworth Street

RAYMOND FRANK COOMBS, B.A.
Assistant Professor of Physical Education
2 Mt. Williams Drive

ALEX JOHN SHAW, M.A.
Assistant Professor of Physical Education
Baxter Road

RALPH JOSEPH TOWNSEND, M.S.
Assistant Professor of Physical Education and Supervisor of the Williams Outing Club
Chuett Drive

FRANK FREDERICK NAVARRO, B.S.
Assistant Professor of Physical Education
College Place

ROBERT LEE GAUDINO, Ph.D.
Assistant Professor of Political Science
78 Main Street

HORACE E. DELISSER, B.A.
Assistant Professor of Physical Education
277 West Main Street

WILLIAM EDMIN McCORMICK, M.A.
Assistant Professor of Physical Education and Director of Intramural Sports
Chuett Drive

*J. HODGE MARKGRAF, Ph.D.
Assistant Professor of Chemistry
5 Chapin Court

WILLIAM G. RHOADS, B.S.
Assistant Professor of Economics and
Director of Admissions for Graduate Study in Development Economics
Gale Road

LASZLO GASPAR VERSENYI, PH.D.
Assistant Professor of Philosophy
68 South Street

DORIS DEKEYSERLINGK, M.A.
Assistant Professor of Russian and of German
Pownal Center, Vermont

*On leave 1964-65
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Emerson McGill, Ph.D.</td>
<td>Assistant Professor of Psychology</td>
<td>Stetson Court</td>
</tr>
<tr>
<td>Allen Crawford West, Ph.D.</td>
<td>Assistant Professor of Chemistry</td>
<td>Grace Court</td>
</tr>
<tr>
<td>George Franklin Feeman, Ph.D.</td>
<td>Assistant Professor of Mathematics</td>
<td>Stetson Court</td>
</tr>
<tr>
<td>Joseph Rene Altott, M.Ed.</td>
<td>Assistant Professor of Physical Education</td>
<td>85 Spring Street</td>
</tr>
<tr>
<td>Donald Reed Whitehead, Ph.D.</td>
<td>Assistant Professor of Biology</td>
<td>Green River Road</td>
</tr>
<tr>
<td>Robert Oakley Collins, M.A. (Oxon), Ph.D.</td>
<td>Assistant Professor of History</td>
<td>21 South Street</td>
</tr>
<tr>
<td>Nicholas Fersen, B.S.</td>
<td>Assistant Professor of Russian</td>
<td>Prospect House</td>
</tr>
<tr>
<td>Francis Christopher Oakley, M.A. (Oxon), Ph.D.</td>
<td>Assistant Professor of History</td>
<td>1 Chapin Court</td>
</tr>
<tr>
<td>Lawrence S. Graaver, Ph.D.</td>
<td>Assistant Professor of English</td>
<td>37 Southworth Street</td>
</tr>
<tr>
<td>Robinson Gill Hollister, Jr., B.A.</td>
<td>Assistant Professor of Economics</td>
<td>Grace Court</td>
</tr>
<tr>
<td>John Michael Hyde, Ph.D.</td>
<td>Assistant Professor of History and Dean of Freshmen</td>
<td>35 Park Street</td>
</tr>
<tr>
<td>Warren Frederick Ilchman, Ph.D. (Cantab)</td>
<td>Assistant Professor of Political Science</td>
<td>Jerome Drive</td>
</tr>
<tr>
<td>Frederick Stephen O'Brien, M.A.</td>
<td>Assistant Professor of Economics</td>
<td>Lynde Lane</td>
</tr>
<tr>
<td>G. Lawrence Vankin, Ph.D.</td>
<td>Assistant Professor of Biology</td>
<td>Grace Court</td>
</tr>
<tr>
<td>John Jerome von Szeliski, Ph.D.</td>
<td>Assistant Professor of Drama and Director of the Adams Memorial Theatre</td>
<td>176 Main Street</td>
</tr>
<tr>
<td>Robert Theodore Ward, Ph.D.</td>
<td>Assistant Professor of Physics</td>
<td>77 Spring Street</td>
</tr>
<tr>
<td>Jerome Babcock King, Ph.D.</td>
<td>Assistant Professor of Political Science</td>
<td>13 Park Street</td>
</tr>
<tr>
<td>David Alan Booth, M.A.</td>
<td>Assistant Professor of Political Science and Part-time Administrative Assistant</td>
<td>Jerome Drive</td>
</tr>
<tr>
<td>Edward Henry Worthen, M.A.</td>
<td>Assistant Professor of Romanic Languages</td>
<td>Williams Hall Annex</td>
</tr>
<tr>
<td>William Templeton Fox, Ph.D.</td>
<td>Assistant Professor of Geology</td>
<td>142 Main Street</td>
</tr>
</tbody>
</table>

*On leave 1964-65
**On leave first semester 1964-65
***On leave second semester 1964-65
****First semester 1964-65
Faculty

Daniel Denis O'Connor, Ph.D.  
Assistant Professor of Philosophy  
13 Park Street

William Jay Peck, Ph.D.  
Assistant Professor of Religion  
46 Meacham Street

Arthur Zilversmit, Ph.D.  
Assistant Professor of History  
37 Southworth Street

Neil Robert Grabois, Ph.D.  
Assistant Professor of Mathematics  
Bulkley Street

Robert M. Hankin, M.A.  
Assistant Professor of Russian  
21 Southworth Street

David Earle Silas, M.A.  
Assistant Professor of German  
226 Main Street

Gordon C. Winston, Ph.D.  
Assistant Professor of Economics  
Grace Court

Robert Smythe Fraser, M.A.  
Assistant Professor of History  
Forget-Me-Not Inn

*Charles Thomas Samuels, Ph.D.  
Assistant Professor of English  
Stetson Road

Richard Ira Hofferbert, Ph.D.  
Assistant Professor of Political Science  
Green River Road

Christopher Breiseth, Ph.D.  
Assistant Professor of History and Director of Student Union Activities  
Williams Hall Annex

Hervey Ganse Little, Jr., A.B., B.D.  
Assistant Professor of Religion  
3 Grundy Court

Eugene A. Carroll, Ph.D.  
Visiting Assistant Professor of Art  
184 Main Street

Scott M. Eddie, B.S.  
Assistant Professor of Economics  
44 Meacham Street

Peter Dorman Eimas, Ph.D.  
Assistant Professor of Psychology  
68 South Street

John R. Eriksson, M.A.  
Assistant Professor of Economics  
Williams Hall Annex

Alan Holder, Ph.D.  
Visiting Assistant Professor of English  
Hopper Road

Jared Judd Jackson, Th.D.  
Visiting Assistant Professor of Religion  
Sage Hall Annex

Robert E. Kleck, Ph.D.  
Assistant Professor of Psychology  
Stetson Road

William R. Moomaw, Ph.D.  
Visiting Assistant Professor of Chemistry  
Stetson Road

Grover Edwin Marshall, M.A.  
Lecturer in Romanic Languages  
Williams Hall Annex

William J. Brazill, M.A.  
Lecturer in History  
Stetson Road

*On leave 1964-65
Faculty

Ladislas Gonczarow, M.A.  
Lecturer in Russian  
5 Grundy Court

*Fernando R. Molina, Ph.D.  
Visiting Lecturer in Philosophy  
Denison Park

Hugh William Kirkpatrick, B.M.E.  
Part-time Visiting Instructor in Physics  
North Hoosac Road

Helen Donega, B.S.  
Part-time Visiting Instructor in Chemistry  
64 Richmond Avenue, North Adams

Thomas Edward Burgess, Ph.D.  
Part-time Visiting Instructor in Chemistry  
5 Grandview Drive

Karl Max Busen, Dr. of Natural Science  
Part-time Visiting Instructor in Physics  
74 Spring Street

Rudolf Josef Dreiner, Dr. of Engineering  
Part-time Visiting Instructor in Physics  
669 Barbour Street, North Adams

Daniel Remsen Norton, Ph.D.  
Part-time Visiting Instructor in Chemistry  
Green River Road

Arthur Edward Robinson, Jr., B.A.  
Instructor in Physical Education  
Stetson Road

Donald W. Gardner, Jr., M.A.  
Instructor in History, Assistant Dean, and Secretary to the Standing Committee  
Denison Park

Robert Alexander Logan, III, Ph.D.  
Instructor in English  
Stetson Court

Kenneth Creighton Roberts, Jr., M.A.  
Instructor in Music  
Gale Road

Robert Edward Shoenberg, Ph.D.  
Instructor in English  
Stetson Road

Thomas M. Bresnahan, M.A.  
Instructor in Physical Education  
130 Franklin Street, North Adams

Kenley R. Dove, M.A.  
Instructor in Philosophy  
226 Main Street

James W. Ellingwood, B.S.  
Instructor in Physical Education and Assistant Trainer  
Williams Hall Annex

Pierre H. Girard, Diplome de la faculté de Lettres de Paris  
Instructor in Romanic Languages  
23 Hoxsey Street

Theodore Anthony Perry, M.A.  
Instructor in Romanic Languages  
Old Faculty Club

Lauren Rogers Stevens, M.A.  
Instructor in English  
35-A Park Street

John R. Watson, Jr., B.B.A.  
Technical Director of the Adams Memorial Theatre and Instructor in Drama  
Sage Hall Annex

Joseph Miller Wood, III, B.A., M.F.A.  
Instructor in Art  
Green River Road

*Second semester 1964-65
Faculty

George T. Amb, M.A.  
Instructor in English  
Williams Hall Annex

Murray Baumgarten, M.A.  
Instructor in English  
25 Hoxsey Street

Craig A. Brown, B.A.  
Instructor in Political Science  
Stetson Road

Stephen S. Cohen, B.A.  
Instructor in Political Science  
13 Thomas Street

Keith F. Fowler, B.A.  
Instructor in Drama and Assistant  
Director of Adams Memorial Theatre  
21 Southworth Street

Peter K. Frost, M.A.  
Instructor in History  
35 Park Street

William A. Glasser, M.A.  
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North Pownal, Vermont

Melville J. Mendum, M.A.  
Instructor in German  
5 Grundy Court

Brian N. Morton, M.A.  
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35 Park Street

*Hilbert Levitz  
Instructor in Mathematics  
31 North Street

Douglas B. Wilson, M.A.  
Instructor in English  
Green River Road

Martha Jean Brown, M.A.  
Part-time Instructor in History  
Stetson Road

Francis C. Cardillo, M.Ed.  
Director of Williams College Band  
29 Notch Road, North Adams

William K. Reist, M.S.  
Teaching Interne in Biology  
Stetson Road

Russell B. McClatchey, B.A.  
Assistant to the Chaplain and Danforth Interne  
Stetson Road

Joseph J. Baldassare, B.S.  
35 Park Street

James G. Davis, B.S.  
Graduate Assistant in Physics  
25 Hoxsey Street

Carole E. Hughes, B.S.  
Graduate Assistant in Biology  
14 Southworth Street

Donald E. Lewis, B.S.  
Graduate Assistant in Physics  
Sage Hall Annex

John D. Joscelyn, B.S.  
Graduate Assistant in Physics  
Sage Hall Annex

Thomas L. Koppenheffer, B.S.  
Graduate Assistant in Biology  
Sage Hall Annex

*Second semester 1964-65
Athletic Coaches

Fred C. Newman, B.A.  
Graduate Assistant in Physics  
Sage Hall Annex

Robert E. Parks, B.A.  
Graduate Assistant in Physics  
Sage Hall Annex

Athletic Coaches

Anthony Plansky, B.Ed., M.A.  
Varisty Cross Country, Freshman Cross Country, Winter Track Relay, Varsity Track, Freshman Track  
33 Southworth Street

Robert Bruce Muir, M.A.  
Varsity Soccer, Varsity Swimming, Freshman Swimming  
Baxter Road

Clarence Church Chaffee, M.A.  
Varsity Soccer, Varsity Squash, Freshman Squash, Varsity Tennis, Freshman Tennis  
20 Glen Street

Raymond Frank Coombs, B.A.  
Freshman Football, Freshman Basketball, Varsity Baseball  
2 Mt. Williams Drive

Alex John Shaw, M.A.  
Varsity Football, Varsity Basketball, Freshman Lacrosse  
Baxter Road

Ralph Joseph Townsend, M.S.  
Varsity Skiing, Freshman Skiing, and Supervisor of the Williams Outing Club  
Cluett Drive

William Edmond McCormick, M.A.  
Varsity Soccer, Varsity Hockey, Freshman Hockey, Varsity Lacrosse  
Cluett Drive

Frank Frederick Navarro, B.S.  
Varsity Football, Freshman Wrestling, Freshman Baseball  
College Place

Henry Needham Flynt, Jr., B.A.  
Freshman Soccer  
83 South Street

Horace E. DeLisser, B.A.  
Varsity Football, Varsity Wrestling, Freshman Wrestling, Varsity Baseball  
277 West Main Street

Arthur Edward Robinson, B.A.  
Freshman Football, Freshman Swimming, Varsity Lacrosse  
Stetson Road

Thomas M. Bresnahan, M.A.  
Varsity Football, Freshman Wrestling, Freshman Track  
130 Franklin Street, North Adams

Joseph Rene Altott, M.Ed.  
Trainer  
85 Spring Street

James W. Ellingwood, B.S.  
Trainer  
Williams Hall Annex

*Rudy Goff  
Part-time College Golf Coach  
Willshire Drive

*Second semester 1964-65
Libraries

LIBRARIES

Stetson Library
Wyllis Eaton Wright, M.A., B.S. 
Librarian

Donald Edwin Cary, B.A., B.S.
Assistant Librarian

Mary Cecelia McInerney, B.S.
Head Cataloger

Juanita Terry, M.A., M.S.
Reference Librarian

Byron N. Scott
Circulation Librarian

Anne H. Fitz, M.A., M.S.
Circulation Librarian

Elizabeth B. Scherr, B.S.
Circulation Librarian

Anna L. Waterman, B.A.
Library Assistant

Isabelle G. King
Library Assistant

Edith P. Scott, B.S.
Library Assistant

Nancy G. MacFadyen
Library Assistant

Mary E. Dalton
Library Assistant

Edith M. Cary
Clerical Assistant

William J. Cartwright, B.A.
Clerical Assistant

Carol A. Murphy
Clerical Assistant

Chapin Library
H. Richard Archer, Ph.D.
Custodian of Chapin Library

Carolyn Nichols
Assistant in the Chapin Library

Stratton Road
Benlise Drive
18 Southworth Street
71 Spring Street
Jerome Drive
119 Summer Street, Lanesboro
25 South Street
10 Woodlawn Drive
Pownal Center, Vermont
Jerome Drive
265 West Main Street
178 Kemp Avenue, North Adams
Benlise Drive
32 Southworth Street
25 Bridges Road
11 Park Street
121 North Hoosac Road

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OFFICERS OF ADMINISTRATION 1964-1965

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J ohn Edward Sawyer, M.A., LL.D., Litt.D.
President
Hopkins Hall

Samuel Arthur Matthews, Ph.D., D.Sc.
Chairman Pro Tempore of the Faculty
Thompson Biology Laboratory

Kathleen A. O'Connell, B.A.
Secretary to the President
Hopkins Hall

Office of the Provost
Joseph A. Kershaw, Ph.D.
Hopkins Hall

David Alan Booth, M.A.
Part-time Administrative Assistant
Hopkins Hall

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Benjamin Woods Labaree, Ph.D., Dean
Hopkins Hall

John Michael Hyde, Ph.D., Dean of Freshmen
Hopkins Hall

Henry Needham Flynt, Jr., B.A., Assistant Dean
Hopkins Hall

Donald W. Gardner, Jr., M.A., Assistant Dean
Hopkins Hall

Office of the Registrar
*Kathryn McGraw, Registrar and Editor
Hopkins Hall

**C. Wallace Jordan, Jr., F.S.A., Acting Registrar
Hopkins Hall

***George C. Howard, B.A., LL.B., M.A., Assistant Registrar
Hopkins Hall

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Frederick Cleveland Copeland, Ph.D., Director of Admissions
Hopkins Hall

Philip Freeland Smith, M.A.T., Associate Director of Admissions
Hopkins Hall

Philip Gould Wick, B.A., Assistant Director of Admissions
Hopkins Hall

Office of the Treasurer
Charles Allen Foehl, Jr., LL.B., Treasurer
Hopkins Hall

Earle Olmstead Brown, Assistant Treasurer, Emeritus
Saulnier Drive

Shane Edwin Riorden, LL.B., Business Manager
Hopkins Hall

*On leave October 3, 1964 to June 30, 1965
**From October 3, 1964
***From March 1, 1965
Officers of Administration

PETER WELANETZ, B.S., Director of Physical Plant
PHYLLIS D. WILES, Comptroller
WINTHROP M. WASENAR, M.S., Assistant Director of Physical Plant
WALTER O’BRIEN, Director of College Security

Office of Development
WILLARD D. DICKERSON, B.A., Director
BLAIR CLEVELAND, B.A., Associate Director of the 175th Anniversary Fund
ALLEN SPENCER, B.A., Associate Director of the 175th Anniversary Fund

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JOHN DYKSTRA EUSDEN, Ph.D., Chaplain
RUSSELL B. McCUTCHEY, B.A., Assistant to the Chaplain and Danforth Interne

Office of Health
THOMAS V. URMY, M.D., Director of Health
ROBERT K. DAVIS, M.D., Physician
H. COLLIER WRIGHT, M.D., Physician
EDWARD J. COUGHLIN, M.D., Surgeon
LAURENCE N. MAMLET, M.D., Psychiatrist
ALAN J. LIEBERMAN, PH.D., Clinical Psychologist
KENNETH THOMAS ROGERS, Physiotherapist
CAROLYN E. HALL, R.N., Chief Nurse

Office of Athletics
FRANK R. THOMS, JR., B.A., M.B.A., Director of Athletics

Office of Financial Aid
HENRY NEEDHAM FLYNT, JR., B.A., Director

Alumni Office
JOHN P. ENGLISH, M.B.A., Secretary of the Society of Alumni

Placement Bureau
MANTON COPELAND, JR., B.A., Director
WILLIAM OZMUN WYCKOFF, B.A., Director of Placement, Emeritus

- 278 -
Officers of Administration

College News Office
RALPH R. RENZI, B.A., College News Director
WILLIAM H. TAGUE, JR., B.S., Assistant News Director

Dining Hall
SYDNEY M. CHISHOLM, Director
DAVID R. WOODRUFF, B.S., Assistant Director
THOMAS M. BEATTIE, Student Union Comptroller

Baxter Hall
CHRISTOPHER BREISETH, Ph.D., Director of Student Union Activities

The Roper Public Opinion Research Center
PHILIP KAY HASTINGS, Ph.D., Director

The Center for Development Economics
JOHN E. SAWYER, M.A., LL.D., Litt. D., President of Williams College

WILLIAM B. GATES, JR., Ph.D., Chairman of the Center for Development Economics and Director of Overseas Projects
HENRY J. BRUTON, Ph.D., Director of Graduate Study in Development Economics
*JANET T. BURNS, B.A., Assistant to the Chairman of the Center for Development Economics
WILLIAM G. RHOADS, B.S., Director of Admissions for Graduate Study in Development Economics
JOHN H. POWER, Ph.D., Director of Research in Development Economics
**IDA L. COMPTON, B.A., Assistant to the Chairman of the Center for Development Economics

*On leave October 21, 1964 to June 30, 1965
**From October 21, 1964
FACULTY COMMITTEES FOR 1964-65

DUDLEY W. R. BAHLMAN, Secretary of the Faculty

ACADEMIC STANDING COMMITTEE: The Dean, Chairman; *Kathryn McCraw, Secretary; **C. Wallace Jordan, Secretary; Frederick C. Copeland, John M. Hyde, Theodore G. Mehlin, Elwyn L. Perry, John K. Savacool, Fred H. Stocking, Laszlo Versenyi.

ADMISSIONS: Frederick C. Copeland, Chairman; John M. Hyde, Elwyn L. Perry, Philip F. Smith, Philip G. Wick, Ralph P. Winch.

APPOINTMENTS: Fred H. Stocking, Donald E. Richmond, William B. Gates, Jr., (The President, the Chairman Pro Tempore of the Faculty, and the Provost are ex-officio members of this committee.)

AREA STUDIES: ***Russell H. Bastert, Chairman; ****Anson C. Piper, Acting Chairman; Henry J. Brunton, Robert L. Gaudino, Robert G. L. Waite.

ATHLETICS: MacAlister Brown, Chairman; William T. Fox, Frederick S. O’Brien, Frank R. Thoms, Jr., Thomas V. Urmy, M.D.


CHAPIN LIBRARY: Donald E. Richmond, Chairman; H. Richard Archer, Executive Secretary; Nicholas Fersen, George Pistorius, Wyllis E. Wright.

COMMENCEMENT: Freeman Foote, Chairman; Henry N. Flynt, Jr., Secretary; The Dean, Robert G. Barrow, George G. Connelly, Frederick C. Copeland, John D. Eusden, S. Lane Faison, Jr., Charles A. Foehl, Jr., Elwyn L. Perry, Ralph R. Renzi, William G. Rhoads, C. Frederick Rudolph, Jr., Philip F. Smith, Fred H. Stocking, Whitney S. Stoddard, Harold H. Warren, Wyllis E. Wright.

CURRICULUM: S. Lane Faison, Jr., Chairman; Nicholas Fersen, Robert S. Fraser, Robert L. Gaudino, Robert M. Kozelka, Theodore G. Mehlin, Daniel D. O’Connor, Kenneth C. Roberts, Robert T. Ward.

SPECIAL COMMITTEE ON CURRICULAR PLANS: Fred Greene, Chairman; David A. Booth, Staff Assistant; Dudley W. R. Bahlman, William C. Grant, Jr., R. Neill E. Megaw, H. William Oliver, Irwin Shainman.

DISCIPLINARY: Freeman Foote, Chairman; The Dean, Secretary; Nina Fersen, Recording Secretary; John M. Hyde, Hervey G. Little, Jr., Daniel D. O’Connor, Robert G. L. Waite, Gordon C. Winston.

*On leave October 3, 1964 to June 30, 1965
**From October 3, 1964
***On leave second semester 1964-65
****Second semester 1964-65
Faculty Committees

Graduate Study: Ralph P. Winch, Chairman; James R. Curry, Henry J. Bruton, Winthrop H. Root, Richard O. Rouse, Jr., G. Lawrence Vankin.

Honor System: John A. MacFadyen, Jr., Chairman; Philip K. Hastings, Robert A. Logan, III.

Honors Degree: Howard P. Stabler, Chairman; George F. Feeman, Robert M. Hankin, John H. Power, C. Frederick Rudolph, Jr., Donald R. Whitehead, Arthur Zilversmit.


Library: Robert J. Allen, Chairman; Wyllis E. Wright, Executive Secretary; The Provost, James R. Curry, Robert S. Fraser, Richard I. Hofferbert, Donald C. Mackenzie, William J. Peck, Winthrop H. Root.


Prizes and Graduate Fellowships: The President, Chairman; The Chairman Pro Tempore of the Faculty, Henry N. Flynt, Jr., Executive Secretary; The Dean, Robert G. Barrow, Lawrence W. Beals, John D. Eusden, S. Lane Faison, Jr., William B. Gates, Jr., Fred Greene, Donald C. Mackenzie, Robert C. L. Scott, Fred H. Stocking, Ralph P. Winch.

Research: Allyn J. Waterman, Chairman; Robert J. Allen, *James M. Burns.

Student Activities: The Dean, Chairman; George G. Connelly, Nicholas Fersen, Henry N. Flynt, Jr., Herbert L. Hirsche, Jerome B. King, Ralph R. Renzi, William G. Rhoads, Shane E. Riorden, John J. von Szeliski.

Financial Aid: Charles A. Foehl, Jr., Chairman; Henry N. Flynt, Jr., Executive Secretary; Frederick C. Copeland, Manton Copeland, Jr., Whitney S. Stoddard.

*On leave second semester 1964-65
SCHOLARSHIP AWARDS 1964-65

Special Scholarships

Cornelia Aldis Memorial.  William Silver ’68.
Cadwallader Evans, III Memorial.  Rex L. Pugmire ’66.
Irving D. Fish ’12 Memorial Fund.  Gary C. Burger ’65.
David Harris Memorial.  Jan F. Van Horne ’66.
John Houghton Harris Memorial.  Not awarded.
Gilbert Horrax Memorial.  Peter S. Dillingham ’66.
Scholarship Awards


Albert P. Newell ’05 Memorial. Prescott V. Kelly ’65, Christopher N. Noell ’66.


Harland K. Simonds. Allan E. Taylor ’67, Jeffrey H. Williams, III ’68.


John Cowperthwaite Tyler Memorial. William J. Bennett ’65.

Scholarship Awards


Lieut. David Van Alstyne, III Memorial. Thomas A. Gunn ’66.


General Scholarships

Scholarship Awards


Scholarships Given by Williams Alumni Groups

Buffalo. Stephen M. Bradley '68.

Cincinnati. No award.


Class of 1910. Christopher C. Welch '65.

Class of 1913. John D. Tibbits '67, Carter R. Harrison, Jr. '68.

Class of 1914. William A. Roberts '65.


Class of 1944 Memorial. Gerald B. O'Grady, III '66.

Cleveland-Northeastern Ohio. William C. McFadden, II '68.

Detroit. James P. Madison '68.


Hartford. W. John Amerling, Jr. '66.

Twin Cities-Upper Midwest. No award.

Westchester County. Randall P. Dygert '68.

Fellowships and Prizes for Graduate Study Awarded in 1963-64.

Horace F. Clark Prize Fellowships. Jeffrey A. Appel '64, Richard A. Lyon '64, Norman G. O. Pereira '64.

Francis Sessions Hutchins '00 Memorial. No award.

Hubbard Hutchinson Memorial Fellowship. F. Cecil Baker '63, John D. Anderson, Jr. '64, Jonathan Bolduan '64, Andrew A. Smith '64.

Charles Bridgen Lansing Fellowship in Latin and Greek. Nicholas B. Goodhue '64.

John Edmund Moody Fellowship. David M. Appelbaum '64.

Secondary Education Fellowship. No award.


Carroll A. Wilson Fellowship. Robert J. Seidman '63, Jonathan P. Weiss '64.
Prize Awards

PRIZES AWARDED IN 1963-1964

Prizes in Special Studies

John Sabin Adriance Prize in Chemistry. Thomas J. Plati '64.
David Taggart Clark Prize in Latin. Douglas W. Olcott, Jr. '66.
Conant-Harrington Prize in Biology. Clifford A. Hall '64.
Garrett Wright De Vries Memorial Prize. Carlton S. Brownstein '64.
Sherwood O. Dickerman Prize in Greek. Douglas W. Olcott, Jr. '66.
Dwight Botanical Prize. No award.
Gilbert W. Gabriel Memorial Award in Drama. Jon W. Spelman '64.
Arthur C. Kaufmann Prize in English. Richard L. Hubbard '64.
J. Fitch King Prize in Chemistry. Gavin G. Spence '64.
Leverett Mears Prize in Chemistry. Carlton S. Brownstein '64.
John W. Miller Prize in Philosophy. David M. Appelbaum '64.
Rice Prizes. (Greek) Peter H. Monroe '65. (Latin) Nicholas B. Goodhue '64.
Lawrence Robson Memorial Prize in Chemistry. Carlton S. Brownstein '64.
Bruce Sanderson Award for Excellence in Architecture. John D. Anderson, Jr. '64.
Edward Gould Shumway Prize in English. Davis Taylor '64.
Karl E. Weston Prize for Distinction in Art. John D. Anderson, Jr. '64.

Essay Prizes

Academy of American Poets Prize. David R. Marash '64.
Henry Rutgers Conger Memorial Literary Prize. Racey Gilbert '65.
Lathers Prize and Medal. No Award.
Sentinels of the Republic Prize. Bruce D. Birgbauer '64.
William Bradford Turner Prize in History. Martin E. Sleeper '64.
David A. Wells Prize. No award.
Prize Awards

General Prizes

Grosvenor Memorial Cup. E. David Coolidge, III '65.
Carl T. Naumburg Student Book Collection Prize. Lane E. Jennings '66.
Albert P. Newell Prize for Clear Thinking. William M. Barry '64.
James C. Rogerson Cup and Medal. Whiting N. Shepard '32.
Scholarship Trophy. Prospect House.
William Bradford Turner Citizenship Prize. David M. Appelbaum '64.

Rhetorical Prizes

Dewey Prize. Stephen V. Doughty '64.
Graves Prize for Delivery of Essay. Gershon M. Ratner '64.
Stone Interfraternity Debate Trophy. No award.

Athletic Prizes

Belvidere Brooks Memorial Medal. Benjamin A. Wagner '64.
Canby Athletic Scholarship Prize. Richard A. Lyon '64.
Fox Memorial Soccer Trophy. John H. Ohly, Jr. '64.
Golf Trophy. Thomas E. Klug, '64.
Willard E. Hoyt, Jr. '23, Memorial Award. David N. Kershaw, '64.
Robert W. Johnston Memorial Trophy. Benjamin A. Wagner, '64.
Lacrosse Award. Russell T. Baker, Jr. '64.
Robert B. Muir Swimming Trophy. John L. Wester, '64, Alexander M. Kasten '64.
Franklin F. Olmsted Memorial Award. Walter A. Teipel, III, '64.
Anthony Plansky Award. David N. Kershaw, '64.
Purple Key Trophy. Benjamin A. Wagner, '64.
Michael D. Rakov Memorial Award. Kenneth C. Griffith, '64.
Rockwood Tennis Cup Prize. Thomas S. Thornhill, '66.
Charles Dewoody Salmon Award. Martin McLean, '66.
Scribner Memorial Tennis Trophy. Francis W. Thayer, '64.
Squash Racquets Prize. Peter R. Allen '66—Winner, Bruce D. Birgbauer '64
—Runner-Up.
Oswald Tower Award. Allan Foster '64.
Young-Jay Hockey Trophy. S. Torrey Orton, III '65.
Prize Awards

SUMMER PROGRAMS - 1964


Williams-in-Hong-Kong. Dana T. Ackerly '65, David M. Appelbaum '64, P. Terry Collison '64, Leo U. Murray '64, G. Richard Tucker '64, Martin P. Wasserman '64.
DEGREES CONFERRED IN APRIL, 1964

Roger Buck, Jr.
Charles John Holditch
John Francis Walsh

DEGREES CONFERRED IN JUNE, 1964

Bachelor of Arts

Richard Fitzhugh Allen
William Whitney Bachle
William Mullin Barry
Howard Steedman Bass
Emery Max Lyman Bates, Jr.
Lawrence Charles Bauer
Bruce Ernest Beebe
John Howard Beebe
Jackson Bowers Beecham
Douglas Jay Beier
Robert Stephen Benjamin
Richard Edward Berman,
with Honors in Biology
Stephen Reynolds Birrell, with Honors
in American History and Literature
Russell Hawley Bishop, Jr.
Edward Slade Bliss, Jr.
Prescott Eller Bloom
Jerry John Boeye,
with Honors in Biology
George Rene Boltres, Jr.
Glenn Harwell Booth, Jr.,
with Honors in Art
John Redpath Bose
Stephen Richard Bowling
James Alexander Branch, III
Peter Matthew Branch
Philip Kent Bredell
Jonathan Storer Brooks
Clair Scott Buchart
Peter Voorhees Buttenheim

Ralph Stevenson Butts
James Emott Caldwell, Jr.
Palmer Wheaton Cameron
Charles Graham Carson, III,
with Honors in Chemistry
Stephen George Chaberski
William Lansing Chapman, III
Christopher Ogden Clapp
DeWitt Clinton, Jr.
George Cooper, IV,
with Honors in Biology
Graham Lee Covington
Vincent Anthony Curll, Jr.
James Laurence deJongh,
with Honors in Spanish
Robert George Diforio
John Frederick Dixon
Peter Mapes Dodge
Michael James Doyle
Bruce Duncan,
with Highest Honors in German
Richard Byam Dunn, Jr.
Theodore Edward Ebberts, Jr.
Ashton Shields Edwards
Charles Francis Elliott, Jr.
Daniel Sumner Ellis, Jr.
Francis Little Emery
Vincent Joseph Farley
Terence Thomas Finn
John Andrew Fisher,
with Honors in Physics
John Hamilton Foehl
Allan Foster
Degrees Conferred

John Hallett Foster
Stanley Haim Fox
William Keith Donaldson Fox
William Francis Frado, Jr.,
    with Honors in History
Jay Weil Freedman
Roman Martin Fruth
Robert Andreas Furey, Jr.
Timothy Hale Ganahl
Richard Barnum Gardner
Richard Charles Garland,
    with Honors in History
Robert Edmund Garton, Jr.
Charles Stephenson Gillespie, Jr.
Timothy Lathy Goodwin,
    with Honors in History
Curtis Morris Green, Jr.
Richard Samuel Greenlee, III
Alvin Gregory Hageman, III
Peirce Aldridge Hammond, III
William Henry Hardy, Jr.
Jonathan Henry Hannum Harsch
Lewis Orvis Harvey, Jr.
David Donald Healey
Thomas Ernest Healy
Dennis Johnson Helms
Richard Mayl Herberich
Charles Philip Heywood
John Francisco Hood
Robert Thomas Howell, Jr.
Douglas Stephen Hyde
Hiroshi Imamura
William Allen Irving, Jr.
Alfred Thomas Jackson
Peter George Johannsen
James Edgar Johnson
David Prince Johnston, Jr.
Walter Henry Jones, III
Alexander Mitchell Kasten
Robert Wooler Keidel,
    with Honors in Religion
Jay Harrison Keller, IV
William Gahris Keller
Frederic Kiechel, III
Takayuki Kimura
Thomas Edward Klug
Thomas Charles Knowles, II
Paul Eric Kritzer
Jack Wanvig Kuehn, Jr.
Walter Regester Leach, II
John Frederick LeFevre
John Thomas Leingang
Robert Livingston LeRoy,
    with Honors in English
Charles Greeff Lischer
Alexander Blaikie Long,
    with Honors in Physics
Frank Robert Loscalzo
Warren John Lyman
Charles George McBurney, Jr.
Alex James McCloskey, IV
Richard Bell McGinley
Albert Ralph McMeen, III,
    with Honors in Economics
James Edgar McNabb
Duncan Andrew McNeill
John English McWhorter, IV
David Ronald Macpherson
John David Marsh
Jeffrey Gilbert Marsted
William Langley Mensel, Jr.,
    with Honors in English
Paul Burton Merrithew
Thomas Franklin Miller
Richard Leigh Mitchell
Carl Lawrence Modesitt,
    with Honors in Psychology
James Collins Moodey
John Patrick Moran
John Bradley Morrow
William Edwin Mosher, III
James Malcolm Murphy, Jr.
Quentin Maurice Murphy
Leo Ulric Murray
William Jamieson Neidlinger, Jr.
David Starr Newbury
Fred C. Newman
John Hallowell Ohly, Jr.
David Beam Osborne
Judson Hewett Phelps,
    with Honors in Psychology
Degrees Conferred

Gerald Harris Pitman,
  with Honors in History
Richard Peabody Plumer
Steven Douglas Pratt,
  with Honors in English
Charles Edwin Probst, Jr.
Ronald Bailey Ranes
James Gray Rankin
Michael Meredith Reily
Joel Edward Reingold
William Lavington Riley
John Niebrugge Romans,
  with Honors in History
Richard Marshall Rosan,
  with Honors in History
Stephen Rose,
  with Honors in History
William Stuart Rose
Alan Thomas Sachtleben
Roy Edward Sandstrom
George Craig Schelter
Clinton Barteau Scoble, Jr.
Richard David Scott,
  with Honors in Biology
Robert Ballou Scott, Jr.
Thomas Mitchell Shoaff
Jeffrey E. Silver
Christopher Haskel Simonds
Andrew Alexander Smith
Mark Scott Smith
Arthur Holmes Sorensen
Jon W. Spelman, with Honors in
  American History and Literature

Peter Bredo Stabell
Henry Thompson Stanton, III
Alexander Greene Starkey
Paul Ruthven Stickles
Robert Kitchell Strong, Jr.,
  with Honors in English
Edward Sheridan Suffern
Robert Hibbard Summersgill
Thomas Russell Tarbox
Walter Alexander Teipel, III
Henry Szold Terrell,
  with Highest Honors in Economics
Francis Wrightson Thayer
Geoffrey Scott Thompson
James Roger Titus
Frederick Bliss Tuttle, Jr.
Thomas Rogerson Tuttle, Jr.
William Foster Tuxbury, Jr.
James Richard Tyner
Kent Anthony Valin
William Denman Van Ness
Benjamin Avery Wagner
William Michael Walker, III
John Francis Walsh
Philip Tice Walters
Frank Edward Warfield, III
John Lee Wester
Peter Booth Wiley
David Alan Williams
David Clark Willmott
William Niles Wishard, III
Charles Henry Wright
Walter Watson Wyckoff

Bachelor of Arts, Cum Laude

*John Donald Anderson, Jr., with Highest Honors in Art
*Robert Lisle Baker, with Highest Honors in History
Russell Tremaine Baker, Jr., with Highest Honors in History
*Bruce Dennis Birgbauer, with Highest Honors in Political Science
*Jonathan Bolduan, with Highest Honors in Music
Evan Brodie, with Honors in Chemistry
David Ross Cameron, with Honors in Political Science

*Elected to Phi Beta Kappa
Degrees Conferred

John Ross Cannon, with Honors in Psychology
*John Garry Clifford, with Highest Honors in History
*Paul Terry Collison, with Highest Honors in Religion
*Paul Miller Crissey, with Highest Honors in English
*Robert Eugene Denham
Peter Brian Deraney, with Highest Honors in Mathematics
*Stephen Vail Doughty, with Highest Honors in English
*Robert Fry Engle, III, with Highest Honors in Physics
Douglas Thomas Fearon, with Honors in English
*Paul Fulton Gleason, with Honors in Mathematics
*Richard David Gold, with Honors in Political Science
*Nicholas Bright Goodhue, with Highest Honors in Latin
Kenneth Cornell Griffith, with Honors in Political Economy
*Henry John Gwiazda, II, with Highest Honors in Political Science
*Charles Christopher Hagy, with Honors in Economics
Peter deCourcy Hero, with Honors in American History and Literature
*Harold Himmmelman, with Highest Honors in American History and Literature
*Michael Stephen Huddleson, with Honors in Mathematics
Homer Dowell Johnson, Jr., with Honors in English
David Nettleton Kershaw, with Honors in Political Economy
David Robert Marash, with Honors in English
*Gay A. Mayer, with Honors in History
*Walter Eugene Nicholson, III, with Honors in Mathematics
*James Angus Ogilvy, with Highest Honors in Philosophy
*Robert Bromley Oxnam, with Highest Honors in History
*Thomas John Plati, with Highest Honors in Chemistry
*William Llewellyn Prosser, with Highest Honors in English
*Gershon Michael Ratner, with Highest Honors in Political Science
William Fitz-Hugh Ruddiman, with Honors in Geology
*Robert Wilson Shaw, Jr., with Highest Honors in Chemistry
*Neal Lawrence Sklaver, with Highest Honors in Political Science
*Martlin Elihu Sleeper, with Highest Honors in History
*Gavin Gary Spence, with Highest Honors in Chemistry
*Howard Boyer Stauffer, with Highest Honors in Mathematics
John Robert Steinfeld, with Honors in English
*Kenneth Marks Stern, with Honors in Political Science
*Robert John Stine, with Highest Honors in Chemistry
*Charles Addison Thurow, with Highest Honors in English
*Thomas Todd, with Highest Honors in History
Robert Robinson Warner, Jr., with Highest Honors in Religion
*Martin Paul Wasserman, with Honors in Chemistry
*John Buckner Winfield, with Highest Honors in Biology
Kenneth Henry Wittner, with Honors in Physics
Victor Koshkin-Youritzin, with Honors in Art

*Elected to Phi Beta Kappa
Degrees Conferred

Bachelor of Arts, Magna Cum Laude

*Archibald John Allen, with Honors in Physics
*Jeffrey Alan Appel, with Highest Honors in Physics
*David Marc Appelbaum, with Highest Honors in Philosophy
*Arthur Joseph Barsky, III, with Highest Honors in Biology
*David Walker Cornish, with Highest Honors in Chemistry
*Jonathan Evan Fielding, with Honors in French
*William Henry Friedman, with Honors in English
*Henry Bear Hofbauer, with Highest Honors in Chemistry
*Richard Lewis Hubbard, with Highest Honors in English
*Laurence Norman Kolonel, with Highest Honors in Chemistry
*John James Lancaster, with Honors in German
*Richard Adams Lyon, with Highest Honors in American History and Literature
*Norman Gregory Ostrovsky Pereira, with Highest Honors in History
*Davis Taylor, with Highest Honors in English
*George Richard Tucker, Jr., with Highest Honors in Psychology
*Jonathan Peter Weiss, with Highest Honors in History
*John Frederick Wilson, with Highest Honors in German

Bachelor of Arts, Summa Cum Laude

*Carlton Stewart Brownstein, with Highest Honors in Chemistry
*Stephen Paul Creekmore, with Highest Honors in Physics
*Clifford Allan Hall, with Highest Honors in Biology
*Charles Irwin Heller, with Highest Honors in Chemistry
*Barry Rees James, with Highest Honors in Mathematics
*William Eetcher Steel, with Highest Honors in English

Master of Arts or Certificate in Development Economics

Oral Akman, Turkey
Luis Eugenio Aristaín y Garduño, Mexico
Ravindra Chandra Bhargava, India
Edgar Camperos Rueda, Colombia
Jose Manuel Egui Medina, Venezuela
Emmanuel Okafor Ezigbo, Nigeria
Hasab El Rasoul Hasan, Sudan
Sarjit Singh Heyer, Kenya
Mohammad Humayun, Pakistan
Irfan-ul-Haque, Pakistan
Theophilus Aiyebogbon Iwajomo, Nigeria
Rodrigo Jaque García, Chile
Surjit Kumar Jerath, India
Ljubomir Madzar, Yugoslavia
Samir Mohamed Nour, Egypt

*Elected to Phi Beta Kappa
Degrees Conferred

Rogerio Nunes da Costa, Brazil
Janus Joseph Pitoy, Indonesia
Cosmas Linus Robless, Malaysia
Abu Sharaf Hizfuz Kader Sadique, Pakistan
Carlos Eduardo Sanchez, Argentina

Master of Science
Rene Edgar Coté
Herbert Luther Rice
Charles Yonge Wrigley

Master of Arts
Daniel Heyward Hamilton, III
William Seelye Little, Jr.
Klara Elisabeth Moser
John Amiard Oberteuffer

HONORARY DEGREES CONFERRED IN JUNE, 1964

Doctor of Laws
Sarah Gibson Blanding
Dean Rusk
Gilbert J. C. McCurdy

Doctor of Divinity
Cameron Parker Hall

Doctor of Humane Letters
Charles Brackett

Doctor of Music
Rudolph Serkin

Doctor of Science
Samuel Arthur Matthews

HONORARY DEGREES CONFERRED IN SEPTEMBER, 1964

Doctor of Laws
Herbert Brucker

Doctor of Letters
Elia Kazan
DIRECTORY OF STUDENTS

Aborn, Richard Alan '65
Abrahams, Peter Brian '68
Ackerly, Dana Tarbell '65
Ackerly, Richard Whitlock '67
Adams, G(illes) David '67
Adams, Michael Blair '65
Adams, William Briggs '66
Adelson, Joseph Philip '68
Alexander, J(oseph) Davidson '67
Alexander, Lawrence Alan '65
Allen, David Murray '68
Allen, James Sidney, III '67
Allen, Peter Richard '66
Allen, Stanley Caleb, Jr. '65
Allen, William Gordon '67
Allison, Paul Wayne '68
Aloisi, Daniel Anthony '65
Amerling, W(illiam) John, Jr. '66
Anathan, Thomas Joseph '66
Anderson, Dale Roy '65
Anderson, James Rodney '68
Anderson, Robert Edward '65
Anderson, Scott Henry '68
Angle, John Chester, III '68
Annison, Michael Honor '65
Anthony, Charles Ross '68
Apgar, William C., Jr. '68
Arbeit, Robert David '68
Arnold, John Raymond '67
Arons, Jonathan '65
Ashby, Lawrence Charles '67
Ashton, John Barkley '66
Atherton, Hilton Brown, Jr. '65
Atkin, Michael Prentiss '65
Atkinson, Paul E., III '67

Newton
Ottawa, Ontario, Canada
New Canaan, Connecticut
New Canaan, Connecticut
Columbia, South Carolina
Chappaqua, New York
Upper Montclair, New Jersey
Northampton
Beaufort, South Carolina
Corpus Christi, Texas
Biddeford, Maine
Rochester, New York
Framingham
Maplewood, New Jersey
Newtonville
Shrewsbury
Harrison, New York
Farmington, Connecticut
Steubenville, Ohio
Grosse Pointe Woods, Michigan
Wilbraham
Savannah, Georgia
Benton Harbor, Michigan
Philadelphia, Pennsylvania
New York, New York
Oklahoma City, Oklahoma
Lebanon, New Jersey
Jersey City, New Jersey
Salt Lake City, Utah
Philadelphia, Pennsylvania
Wilmington, Delaware
Richmond, Virginia
San Mateo, California
New York, New York
Malvern, Pennsylvania
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atkinson, Scott Estes '66</td>
<td>Denver, Colorado</td>
</tr>
<tr>
<td>Atlas, Stephen Donald '66</td>
<td>Evanston, Illinois</td>
</tr>
<tr>
<td>Auburn, Travers Thomas '68</td>
<td>New Hartford, Connecticut</td>
</tr>
<tr>
<td>Avery, Noyes Latham, III '66</td>
<td>Grand Rapids, Michigan</td>
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<tr>
<td>Babington, John MacDonald '67</td>
<td>Missouri</td>
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<tr>
<td>Bagg, Peter McKinney '66</td>
<td>Pittsford, New York</td>
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<td>Bagnulo, Paul Aldo '65</td>
<td>Marblehead</td>
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<tr>
<td>Bahr, Robert Lawrence '67</td>
<td>Manhasset, New York</td>
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<tr>
<td>Baker, Scott '67</td>
<td>Hinsdale, Illinois</td>
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<tr>
<td>Baldwin, Frederic Kidder, Jr. '67</td>
<td>Barneveld, New York</td>
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<tr>
<td>Ball, Frederick Eugene, II '67</td>
<td>Arlington Heights, Illinois</td>
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<tr>
<td>Bandes, Dean '65</td>
<td>San Mateo, California</td>
</tr>
<tr>
<td>Bank, Stephen Allen '66</td>
<td>Baltimore, Maryland</td>
</tr>
<tr>
<td>Bankes, Ralph Albert, Jr. '66</td>
<td>Garden City, New York</td>
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<td>Banks, Peter Murray '67</td>
<td>Quincy</td>
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<tr>
<td>Barkin, Stephen Roger '68</td>
<td>Manchester, New Hampshire</td>
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<td>Barlow, Gordon Thayer, Jr. '65</td>
<td>New Canaan, Connecticut</td>
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<tr>
<td>Barnes, Barry Earle '66</td>
<td>Melrose</td>
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<td>Barnett, Stephen Vincent '66</td>
<td>Williamstown</td>
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<td>Barnhill, Laurence Robert '68</td>
<td>Wilmette, Illinois</td>
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<td>Barns, James Fleming, II '68</td>
<td>Bronxville, New York</td>
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<td>Bartholomew, Stephen Lovejoy, Jr. '67</td>
<td>Essex Fells, New Jersey</td>
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<td>Barton, John Rust '68</td>
<td>Western Springs, Illinois</td>
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<td>Bartovics, Albert Foster '68</td>
<td>Wilmington, Delaware</td>
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<tr>
<td>Basnight, Thomas Allen, III '66</td>
<td>Stamford, Connecticut</td>
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<tr>
<td>Batchelder, Nathaniel Horton, III '68</td>
<td>Oklahoma City, Oklahoma</td>
</tr>
<tr>
<td>Bates, Robert Franklin '66</td>
<td>Dhahran, Saudi Arabia</td>
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<td>Bates, Robert Oren, Jr. '66</td>
<td>Milton</td>
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<tr>
<td>Batten, David Clark '66</td>
<td>Manhasset, New York</td>
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<tr>
<td>Baum, James Clayton '68</td>
<td>Falls Church, Virginia</td>
</tr>
<tr>
<td>Beach, Thomas McCall '68</td>
<td>Ramsey, New Jersey</td>
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<tr>
<td>Beam, Christopher Merriman '67</td>
<td>Brunswick, Maine</td>
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<tr>
<td>Beebe, Spencer Biddle '68</td>
<td>Portland, Oregon</td>
</tr>
<tr>
<td>Bell, Thomas Dye '68</td>
<td>Mt. Pleasant, Iowa</td>
</tr>
<tr>
<td>Bendick, Robert Louis, Jr. '68</td>
<td>Rye, New York</td>
</tr>
<tr>
<td>Bennett, Roy Penn, III '67</td>
<td>Houston, Texas</td>
</tr>
<tr>
<td>Bennett, S(haun) Michael '65</td>
<td>Nashville, Tennessee</td>
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<tr>
<td>Bennett, William John '65</td>
<td>Arlington, Virginia</td>
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<tr>
<td>Benson, Arthur Alvin, II '66</td>
<td>Kansas City, Missouri</td>
</tr>
<tr>
<td>Bent, Peter Van Pelt '67</td>
<td>Bryn Mawr, Pennsylvania</td>
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<td>Bentley, Richard Foster '67</td>
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Biersach, William Dick '67
Binder, Andrew Steven '67
Bingham, William Lane, Jr. '68
Bird, C(charles) Coleman '66
Bishop, Donald Bruce '65
Blanchard, William Albert '68
Bliss, Anthony Stillman '68
Block, Steven George '65
Blond, Irwin Elliot '67
Bloom, John William '67
Bodinson, Ronald Lee '67
Boggess, David Marshall '67
Bolton, Philip Peters '67
Bond, Gerald Albert '65
Bond, Michael Alan '65
Booth, Alan Dibble '66
Booth, Edwin Willard, III '66
Botts, Theodore Paul '67
Bowden, William Paul, Jr. '66
Bowen, Jeffrey Marshall '67
Bowman, Adriel Jacob '68
Boyd, D(onald) Weston '65
Boyd, John Alan '68
Boyd, William Frank '67
Boynton, James Stephen '68
Boynton, Will Browne '65
Bradbury, Charles Lee, Jr. '68
Bradley, Robert Claud, III '68
Bradley, Robert Holmes, III '66
Bradley, Stephen Michael '68
Brady, John Anthony '68
Bragdon, Brooks Johnston '68
Brewer, Michael Fabian '65
Brewer, Robert Claflin '65
Briggs, J(ohn) Alden, Jr. '66
Brinckerhoff, Clarke William '65
Brinn, Jeffrey Michael '68
Britell, Jonathan Clyde '66
Broadfoot, James William, III '65
Brodhead, Warren Hamilton '66
Brooks, David William '67
Brooks, Robert William '65

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Directory of Students

New York, New York
Providence, Rhode Island
Montclair, New Jersey
Hawthorne, New York
Pewaukee, Wisconsin
West Englewood, New Jersey
West Nyack, New York
Chevy Chase, Maryland
New Rochelle, New York
Garden City, New York
Temple City, California
Scarsdale, New York
Shawnee Mission, Kansas
St. Joseph, Missouri
Kansas City, Missouri
Nashville, Tennessee
Cleveland, Ohio
Geneva, New York
Portland, Maine
Danbury, Connecticut
Houston, Texas
Bronxville, New York
Mountain Lakes, New Jersey
Laconia, New Hampshire
Wichita, Kansas
Pittsfield
Merion Station, Pennsylvania
Orange, Virginia
Princeton, New Jersey
Salt Lake City, Utah
Shelbyville, Kentucky
Littleton, Colorado
Philadelphia, Pennsylvania
East Aurora, New York
Scotch Plains, New Jersey
Cape Vincent, New York
Chicago, Illinois
Larchmont, New York
Palm Beach, Florida
Ridgewood, New Jersey
Dobbs Ferry, New York
Amsterdam, New York
Ridgewood, New Jersey
Lexington
Montvale, New Jersey
Paterson, New Jersey
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Chase, Edward Earl '65
Christiansen, Robert Wayne '66
Christopherson, Paul Conrad '68
Churchill, James Robert '68
Citron, John Michael Tamor '66
Claridge, Robert Harold '68
Clark, Donald Thomas '65
Clark, Peter Maitland '66
Clendaniel, William Clark '67
Cline, Dean Ray '65
Cloos, David Wilmot '65
Coaxum, Edward Christopher, Jr. '66
Coerr, Stanton Paine '65
Cohen, Burton Ellis '68
Cohen, David Lawrence '66
Cohen, Steven Mark '66
Cole, James Morton '67
Cole, William Graham, Jr. '66
Collins, Kenneth Bruce '65
Comfort, Lee Van Daniker '66
Comfort, Lyn Lowell '67
Comly, Edward Price '65
Conley, Richard Meredith '65
Connor, Geoffrey Michael '68
Conrad, William Ernst, Jr. '66
Conway, Robert Peabody '67
Cook, David Lane '66
Coolidge, Edgar David, III '65
Coombe, John Davis '68
Cooper, James Douglas, Jr. '66
Coplan, Bennett Martin '66
Coquillette, Daniel Robert '66
Corbin, Stephen Walter '66
Cornell, Edward Hawthorne '65
Corson, Walter Stillwell, Jr. '66
Corwin, David Mark '66
Corwin, Henry Hobart '66
Coughlin, Niall Jeremy '67
Coughlin, Richard Crosby, Jr. '66
Coulter, Robert Timothy '66
Counelis, John B. P.
Cover, Arnold Stanley '68
Covington, Christopher Hugh '67
Cowan, James Franklin, III '65
Cowden, Paul David '67
Craft, Hughes Spalding '66
Crafts, Roger, Jr. ’68
Crane, William Gratwick, II ’67
Crawford, Charles Parker ’66
Crawford, Fronefield, Jr. ’65
Creekmore, Phillip Mark ’68
Cricenti, Robert Joseph ’68
Crickard, Kent ’68
Crocker, Samuel Sackett ’65
Cronin, Edward Wright, Jr. ’68
Cross, Geoffrey Lee ’68
Crowther, Harold Baker, Jr. ’66
Cruse, Robert Irvin ’68
Currie, Craig ’67
Curtis, Gregory Cassius ’66

Dalton, W(aller) Lisle ’66
Dankner, Alan ’67
Dapice, David Ogden ’66
Davis, Bradford Kean ’67
Davis, Edward Wilson, Jr. ’66
Davis, John Booth, Jr. ’68
Davis, John Henry Kelso, II ’65
Davis, Lowell Wayne ’68
Dawes, William Grey ’65
deBeaufort, Arnold Wyncko ’67
DeBevoise, Charles Richmond ’66
DeCamp, Mark Rutledge ’68
deLone, H(erman) Francis, Jr. ’66
Demakis, Thomas Charles ’68
DeMarco, V(incent) John ’67
Dennis, Ronald Albert ’66
Denver, Paul Francis ’68
DeOreo, Peter Butler ’68
Deuser, Charles William, II ’68
Dewart, William Frederick, Jr. ’68
DeWitt, Anthony Price ’68
Dickerson, Wendell Ford, Jr. ’68
Dickson, John Worthington ’66
Dillingham, Peter Sherburne ’66
Dillman, David George ’65
DiMiceli, John Joseph ’65
Dimock, Rodney Claude ’68
Dirlam, John Kent, Jr. ’68
Doan, Douglas Allen ’68

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| Donavan, Mark Av
erill | '68       | Bennington, Vermont       |
| Donoghue, Norman Edgar | II '66    | West Chester, Pennsylvania|
| Dornin, Christopher Laird | '68    | Sewickley, Pennsylvania   |
| Dorschug, Douglas Alfred | '68     | West Hartford, Connecticut|
| Dos Reis, Leslie      | '65        | Town of Rye, New York     |
| Dougherty, Charles Michael | '66     | Manitowoc, Wisconsin      |
| Dougherty, F(rank)   Christopher | '68 | Wilmington, Delaware     |
| Dougherty, Kevin Joseph | '68      | McLean, Virginia          |
| Dowell, A(lvis) Yates, III | '65     | Williamstown              |
| Dowhan, Michael Walter | Jr. '67   | New York, New York        |
| Doyle, Michael Varian | '68        | St. Paul, Minnesota       |
| Drake, Carl Bigelow, III | '65      | Kansas City, Missouri     |
| Drake, Douglas Arnold | '65        | Winnetka, Illinois        |
| Drake, Harry LaBar     | '65        | Concord                    |
| Drinker, Henry        | '68        | White Plains, New York    |
| Drummond, William Henry | '68      | Plainville, Connecticut   |
| Dubow, Richard Jon    | '66        | Sharon                    |
| Duesing, David Warner | '67        | Malvern, Pennsylvania     |
| Duffy, Douglas Marker, Jr. | '68   | Scarsdale, New York       |
| Dugan, Richard Warren | '66        | Greenville, Kentucky      |
| Duncan, Hamilton Richardson, Jr. | '65 | Croton-on-Hudson, New York |
| DuPlessis, Robert St. Cyr | '66   | Mount Kisco, New York     |
| Dygert, Randall Paul  | '68        | Sekondi, Ghana            |
| Dzidzienyo, Lordsfield Anani | '65 | Philadelphia, Pennsylvania|
| Dzuba, J(on) Michael | '68        | Becket                    |
| Eames, Bruce Lee      | '65        | Darien, Connecticut       |
| Earle, David Agnew    | '68        | Chappaqua, New York       |
| Ebert, Douglas Edmund | '68        | Cedar Falls, Iowa         |
| Eblen, David Ross     | '68        | Scarsdale, New York       |
| Eckardt, Jeffrey John | '67        | Brewerton, New York       |
| Edinger, Leonard Frederick, II | '65 | Richmond, Virginia       |
| Edmonds, Albert William | '68     | Denver, Colorado          |
| Effinger, Gove Wilkins | '67       | Indianapolis, Indiana     |
| Ehrich, Thomas Lindley | '67      | Chagrin Falls, Ohio       |
| Eide, Richard Phillips, Jr. | '68 | Ridgewood, New Jersey     |
| Elgin, John Elliot   | '65        | Littleton, Colorado       |
| Elliott, Stuart Allen | '67        | Huntington, New York      |
| Ellis, Mark Jeffrey   | '67        | Wayland                   |
| Elwell, Robert Newell, Jr. | '65 | Sun Valley, Idaho         |
| Engl, Michael Siegfried | '66     | Jefferson City, Missouri  |
| Enloe, David Herbert  | '67        | Baldwin, New York         |
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Ervin, Thomas Jeffrey '68
Erwin, Peter Ashley '65
Esheté, Andreas '66
Essley, Steven Paul '68
Eustis, James Ross, Jr. '67
Evans, Bruce Eugene '65
Everhart, Glenn Cobourn '68
Ewen, William Lyon '66
Ewing, Malcolm Carroll '65
Ewing, Thomas Larned '67
Eynon, Ernest Alfred '66

Fairstein, Guy Richard '66
Farr, James Sumner '66
Feely, Joseph Alan, II '66
Felder, Robert Charles '65
Ferguson, Henry Lee, III '65
Fields, Scott Charles '68
Filachek, John Michael '67
Fincke, Alan James '66
Fincke, Waring Roberts '68
Finney, Michael Peter '65
Fisher, Courtney Cannon '67
Fisher, Stephen Douglas '68
Fletcher, John Emmett, Jr. '66
Fletcher, Warner Stoddard '67
Foley, Frank Martin, Jr. '66
Foley, Jackson Worth, Jr. '65
Forbes, H(arold) James '65
Ford, Eugene Wilmer, III '67
Forker, Jeffrey Paul '66
Forman, Richard Hardie '68
Forrester, Stephen Aldrich '68
Forssell, Peter Lee '67
Forsyth, David Bruce '67
Foster, Nicholas Titus '65
Foster, Robert Chase '68
Fourier, George Pèr '66
Fox, Frederick Joel '68
Fox, Stephen Russell '66
Frazee, Stephen Richard '67
Friedman, Peter Bernard '65
Fullkerson, John Pryor '68
Fuller, John Robert '67
Fusco, Peter Richard '67

Jamestown, New York
Middleport, New York
Addis Ababa, Ethiopia
Rochester, New York
Winnetka, Illinois
Portland, Maine
Smyrna, Delaware
Winnetka, Illinois
Los Angeles, California
Los Angeles, California
Portsmouth, Ohio

Mt. Vernon, New York
Rochester, New York
York, Pennsylvania
Great Neck, New York
Fishers Island, New York
Shaker Heights, Ohio
Milwaukee, Wisconsin
Havertown, Pennsylvania
Pasadena, California
Jacksonville, Florida
New Canaan, Connecticut
Rochester, New York
Philadelphia, Pennsylvania
Worcester
Armonk, New York
Watertown, Connecticut
Whitesboro, New York
Richmond, Virginia
Euclid, Ohio
Pittsfield
Lexington
Walpole
Winston-Salem, North Carolina
Plainfield, New Jersey
Greenwich, Connecticut
Tigard, Oregon
Lakewood, New Jersey
Lexington
Wellesley
Philadelphia, Pennsylvania
Levittown, New York
Grosse Ile, Michigan
Farmington, Michigan
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</tbody>
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Directory of Students

Grass, Henry James '67
Gray, James S. '65
Gray, Robert Adam, III '67
Green, Sterling '68
Green, Theodore Francis '68
Greenwood, Peter Hull '68
Gregory, Thomas Frederick '65
Grieve, Nicholas Anthony '65
Grieven, John Adams '66
Griffin, Dustin Hadley, II '65
Griffin, L. Perry '68
Gross, Robert David '67
Grossman, Peter Lawrence '67
Groszewski, Edward Roger '66
Grulee, Clifford Grosselle, III '66
Guenzel, William Skinner '68
Gunn, Thomas Alan '66
Gustafson, Anthony Booth '67
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Guy, Benjamin Walter, III '68

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Hamm, Jeremy Richard '68
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Hanni, David William '67
Hardy, Joseph Wernli '66
Harman, Roger Page '66
Harrington, Henry Randolph '66
Harrison, Carter Ridgely, Jr. '68
Harrison, David Thurston '66
Harrison, Edward Tucker '67
Harrison, James Quigley '66
Harrod, James Benton '68
Hart, Damon Cecil, Jr. '67
Hart, Peter Richard '67
Harter, Eugene Petit, Jr. '66
Harvey, Benson, Jr. '68
Hassett, William Thomas, III '66

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Shaker Heights, Ohio
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Cincinnati, Ohio
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Haverkampf, Peter T. '65
Hawkins, Hunt '65
Hawley, James Henry '65
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Haynes, Charles McBride '67
Haynes, O(rmond) Lee, Jr. '67
Hayes, Spencer Beattie '67
Hazelbauer, Gerald Lee '66
Healey, Robert Edward '67
Healy, Jonathan Lee '68
Hecht, Henry Lee '68
Heilbroner, Robert Franklin '67
Heimann, Frederick Charles 'Thye '66
Heiss, Robert George '68
Heller, Floyd Arnold '67
Heller, Richard Benjamin '68
Hellman, Thomas Michael '66
Helm, Edward George, II '67
Helmer, Charles Hood, Jr. '67
Helmstetter, Carl Houston '65
Henderson, David William '67
Henderson, Gary Fowler '68
Hendler, Freddy J. '65
Hendrich, Gilliam Marsh '67
Herlihy, David Michael '68
Herpel, John Kling '68
Herzog, Robert Michael '68
Hest, Lionel Gary '67
Hickman, Bryan Devereux '67
Hiersteiner, Richard '68
Higgins, David Brewer '68
High, Leslie Crammond, Jr. '67
Hill, James Lowell '65
Hillier, Frederic Folsom, Jr. '68
Hintze, Robert William '65
Hirshman, H(enrik) Paul '66
Hodgson, Fred Randolph '68
Hodgson, Morton Strahan, III '65
Hohenadel, John Jacob, Jr. '65
Holden, Harold Dickerson, Jr. '68
Holdridge, Robert Barnes '67
Holland, Dennis Frank '67
Holland, Francis Graham '67

Stony Point, New York
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Santa Barbara, California
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Cooperstown, New York
Okemos, Michigan
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Western Springs, Illinois
Peabody
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Western Springs, Illinois
Peabody
Directory of Students

Holley, Myle Joseph, III '66
Holmes, Nicholas Howell, Jr. '65
Holst, Robert Inar '67
Holt, William Robertson '67
Hood, Peter Oliver '68
Hoover, Jack Little '68
Hopwood, Howard Harbison, III '67
Hornberger, Stephan Harold '67
Horne, Vance Brodie, Jr. '67
Horner, Richard Albert '67
Horsley, Guy Winston, Jr. '68
House, Arthur Lowell, Jr. '67
Howard, Robert Lee '66
Howlett, Timothy Reed '65
Hoyt, Peter Van Wagenen '66
Hubert, Ronald Dean '65
Hufnagel, John Edward '67
Huie, William Orr, Jr. '65
Hulse, Shirley Clark, III '68
Hunisak, John Michael '66
Hunt, L(ucian) Jackson, III '67
Hurd, William Burnett, Jr. '67
Hutcheon, Peter David '65
Hutchins, Harley '65
Hyde, Mark Sage '67
Iliff, Nicholas Taylor '68
Iliff, W(arren) Jackson '66
Imler, Joseph Anthony '66
Ingalls, Robert Pevear '67
Irwin, Frank Dennis '65
Irwin, Henry Taylor, III '66
Jack, Thomas Reid '66
Jackson, David Ethan '67
Jackson, Howard Manning '68
Jacobs, John Alan '66
Jacoff, Daniel '68
Jacox, Mark Franklin '68
Jakuc, Denis Joseph '66
Jay, John Clarkson, Jr. '66
Jelin, Abraham '68
Jenkins, Jerry Cree '65
Jenks, David Perry '65
Jennings, Charles Francis, Jr. '66
Jennings, Lane Eaton '66

Lexington
Chillicothe, Ohio
Evans ton, Illinois
Fairhaven
Princeton, New Jersey
Atlantic Beach, Florida
Shaker Heights, Ohio
Red Bank, New Jersey
Seattle, Washington
Mobile, Alabama
Richmond, Virginia
South Chelmsford
Washington, D. C.
Winnetka, Illinois
Darien, Connecticut
Phoenix, Arizona
Bronxville, New York
Austin, Texas
Western Springs, Illinois
Schaghticoke, New York
Tulsa, Oklahoma
Lunenburg
Massapequa Park, New York
Winnetka, Illinois
Ware
Arnold, Maryland
Arnold, Maryland
Springfield
Swampscott
Cleveland, Ohio
Chadds Ford, Pennsylvania

Beverly
Valley Stream, New York
St. Thomas, Virgin Islands
Freeport, New York
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South Orange, New Jersey
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Reading
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Johnson, J(ohn) Scott '66
Johnson, Robert Donald '66
Johnson, Stephen Miller '65
Johnson, Stuart Fisk '65
Johnson, Thomas '65
Johnston, Walter Eugene '66
Jones, Barton Turnbull '68
Jones, Douglas Evans '68
Jones, Jeffrey Foster '66
Jones, Jeffrey Owen '66
Jones, Jerry Travis '65
Jones, Robert Carter Wellford, Jr. '67
Jones, Robertson Clay '66
Jones, Sherman Jerome '68
Jones, S(ydney) Tucker, III '66
Joyce, Richard Ross '65
Joyce, Robert Gregory '68
Juan, Gordon '68

Kaagan, Stephen Solomon '65
Karelis, Charles Howard '66
Karsh, Richard Bruce '65
Katz, Michael Ray '66
Kaye, Roger William '65
Keagle, Charles Roger '66
Kelleher, John Joseph, Jr. '67
Kelleher, R(obert) Jeffrey '67
Kelly, Dennis John '68
Kelly, Prescott Vail, II '65
Kelly, Vernon Charles, Jr. '66
Kennedy, David Clarence '67
Kennedy, John Patrick '66
Kessler, L. Gifford '65
Kestenbaum, Howard Lee '67
Kidd, Ronald Charles '65
Kiechel, Stephen Fitzsimmons '67
Kile, James Stevens, Jr. '66
Kimball, Paul Clark, Jr. '65
Kimberley, James Ellis '66
Kinabrew, John Monroe, III '68
King, Raymond William, Jr. '65
Kingman, Daniel Russell '68
Kipp, H(arold) Winston, Jr. '66
Kirby, William Livingston, III '66
Kirkland, Alfred Younges, Jr. '66
Kirshner, Howard Stephen '68

Westport, Connecticut
Yonkers, New York
Piedmont, California
Bennington, Vermont
Lawrenceville, New Jersey
Havertown, Pennsylvania
Mountain Lakes, New Jersey
Sycamore, Illinois
Wayne, New Jersey
Westport, Connecticut
San Francisco, California
Greenville, Delaware
Spartanburg, South Carolina
Westover AFB
Slingerlands, New York
Hockessin, Delaware
Newton
Washington, D. C.

Rensselaer, New York
Belmont
East Rockaway, New York
Palisades Park, New Jersey
Cleveland, Ohio
Owego, New York
Easton, Pennsylvania
Beverly Hills, California
Pittsfield
New Rochelle, New York
Baltimore, Maryland
Phoenix, Arizona
Champlain, New York
Erie, Pennsylvania
Maplewood, New Jersey
West Springfield
Des Moines, Iowa
Sylvania, Ohio
Winnetka, Illinois
Portland, Oregon
New Orleans, Louisiana
Shaker Heights, Ohio
Millburn, New Jersey
Ossining, New York
Afton, Virginia
Elgin, Illinois
Merion Station, Pennsylvania
Klatell, Robert Edward '68
Klee, Howard William, Jr. '67
Knowles, James Christopher '65
Knowlton, Joseph Lippincott, III '68
Knox, Lance Lethbridge '66
Kollender, David Bernard '66
Kraemer, Richard Alan '66
Kraig, Bruce Arthur '67
Kraemer, James Harold '66
Krause, Peter James '67
Kronman, Anthony Townsend '67
Kubarych, Roger Michael '66
Kurtz, Kenneth John '66
Kuskin, William Frederick '68

Ladd, John Walcott '67
Lambert, Charles Henry '68
Lamphere, Gary Webb '67
Lane, John Rodger '66
Lang, Nicholas Roy '67
Larrabee, Kenneth Allen '65
Lavyne, Michael Hugh '68
Leader, Richard Joel '68
Leber, Stewart Smyser '66
Lee, George Alexander '67
Lee, George Cogswell '67
LeFevre, John MacFerran, Jr. '66
Leitz, James Byron '65
Lepesqueur, Paul Raphael '65
Levathes, Peter Christian '67
Levien, Lawrence David '68
Levison, Kenneth Henry '67
Lewis, Fielding '66
Lewis, Hiram Sherman '67
Lhamon, Frederic Taylor '65
Limitone, Anthony Patrick, Jr. '65
Lindeke, Craig Edler '67
Lindeke, Loren Chidester '65
Lindheim, James Bruce '67
Linen, Jonathan Scranton '66
Lipof, Paul Stephen '67
Lisle, Robert Wheeler '65
Lloyd, Sterling Morrison, Jr. '68
Logan, John Frederick '65
Long, John Courtenay, Jr. '68
Loomis, Leslie George, IV '67

Valley Stream, New York
Glencoe, Illinois
Arlington, Virginia
West Hartford, Connecticut
Lynbrook, New York
Wyncote, Pennsylvania
Darien, Connecticut
Wilmington, Delaware
Manhasset, New York
Santa Monica, California
Rochester, New York
Pittsburgh, Pennsylvania
Silver Spring, Maryland

Rochester, New York
Westford
Whitesboro, New York
Ketchum, Idaho
Newburgh, New York
New York, New York
Glencoe, Illinois
Summit, New Jersey
Pelham, New York
Winnetka, Illinois
Orchard Park, New York
Williamstown
New York, New York
New York, New York
Albany, New York
Baltimore, Maryland
Idaho Falls, Idaho
Seattle, Washington
Wilton, Connecticut
Bessemer City, North Carolina
Bessemer City, North Carolina
New York, New York
Greenwich, Connecticut
Waban
Greenwale, L. I., New York
Washington, D. C.
Anaconda, Montana
Tacoma, Washington
Rochester, New York
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Manchester, New Hampshire
Short Hills, New Jersey
Lincolnntown, North Carolina
Newton
Nashville, Tennessee
New Canaan, Connecticut
Fremont, Ohio
Honolulu, Hawaii
Newark, New Jersey
Harrison, New York
Chappaqua, New York
Huntington, New York
Pittsfield
Branford, Connecticut
Port Huron, Michigan
Wayne, Pennsylvania
New York, New York
Pittsburgh, Pennsylvania
Brockton
Richmond, Virginia
Columbus, Ohio
Washington, D. C.
Portland, Oregon
Cuyahoga Falls, Ohio
Downers Grove, Illinois
Wayland
Brattleboro, Vermont
Garden City, New York
Old Greenwich, Connecticut
New York, New York
East Orange, New Jersey
Paoli, Pennsylvania
Holliston
Washington, D. C.
Indianapolis, Indiana
San Bruno, California
New Canaan, Connecticut
Cedarhurst, New York
Nashua, New Hampshire
Melvindale, Michigan
Birmingham, Michigan
Rochester, Minnesota
Waterloo, New York
Jericho, L. I., New York
North Adams

Lord, Robert Jonathan '68
Lotman, Alfred Carl '67
Love, James McLean '68
Lovell, Jonathan Hallett '67
Lowenthal, James Benedict '68
Lukingbeal, Eric '68
Lull, Timothy Frank '65
Lum, Henry W. H. '65
Lutzke, Arthur Saul '67
Lux, Robert Maxwell '68
Lynch, Timothy Scott '67
Lyon, Matthew Robert '68
Lyons, John Francis, Jr. '68
McAvay, Douglas George '67
McCabe, J(ohn) Francis, II '65
McCarron, David Alan '67
McCarthy, John Gilman, Jr. '67
McCloud, Robert Charles '68
McClung, O(liver) William '67
McClung, William Alexander, Jr. '66
McCoy, John Bonnet '65
McCulloch, Frank Hathorn '68
McCune, Michael Cary '67
McFadden, William Clark, II '68
McGill, Donald Jeffrey '68
McGill, Michael Vincent '65
McGinn, Richard Craig '68
McGlynn, Ronald Harward '65
McKeithen, Edwin Thornwell, III '66
McKnight, Philip Rhinelander '65
McLean, Martin '66
McLear, Bruce Levering '65
McMahon, Edward Matthew, Jr. '68
McPherson, Edward Russell '67
McVie, Alexander Malcolm, III '68
Macartney, Robert Bruce '68
Macleod, Bruce '65
MacMillen, William Charles, III '68
Macomber, Jonathan Day '68
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Magill, Robert Francis, Jr. '65
Mahler, Thomas Richard '67
Major, William Kenneth, Jr. '65
Malcolm, James Arthur, III '66
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Marchick, Harold Melvin '68
Mardirossian, Jonathan '68
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Marquis, Paul Joseph '68
Marshall, John Robin '66
Marshall, Keith Nelson '68
Martin, Michael Kay '67
Martindale, James Bruce, III '67
Martinelli, Gary Elliot '65
Marxer, John Arthur '65
Mason, Steven Janney '68
Mastroianni, Ralph Peter '65
Matthews, Harry Mortimer, Jr. '67
Matthews, Ronald Thomas '67
Matthies, Karl Luther '65
Maurogordato, George Alexander '67
Mayer, Robert James '65
Maynard, Roger, Jr. '68
Mazor, Bruce Abraham '65
Meacham, William Paul '65
Means, Richard Kimball, Jr. '68
Meierdierks, Dick Otto '65
Meister, John William Gregory '67
Melcher, Stephen Alan '65
Merin, Jerome Lawrence '66
Merriam, Walter Woodhull '65
Metcalf, Charles Evan '65
Meyer, Joseph Ethan, III '67
Michaels, William Massce '68
Miller, Albert August '68
Miller, Eric Read '66
Miller, Eugene Scott, III '68
Miller, John Thomas, Jr. '68
Miller, Peter Cary '68
Miller, Stephen Craig '68
Miller, Thomas Harrop, Jr. '66
Miller, William Olney '66
Millett, Gary Clinton '66
Millington, Jeffrey Van Saun '66
Mills, Douglas William '67
Mills, Robert Curtis '65
Mitchell, John William '66
Mitchell, Robert Lewis '66

Garfield Heights, Ohio
Thibodaux, Louisiana
Cheyenne, Wyoming
White Plains, New York
Oklahoma City, Oklahoma
Milwaukee, Wisconsin
River Forest, Illinois
Tappan, New York
Aurora, Ohio
Bloomfield Hills, Michigan
Dallas, Texas
East Longmeadow
Dearborn, Michigan
Baltimore, Maryland
Hopedale
Torrance Park, Ohio
Wantage, New York
Rochester, New York
Rio de Janeiro, Brazil
New Hyde Park, New York
Wilton, Connecticut
Freeport, New York
Havertown, Pennsylvania
Sevickley, Pennsylvania
Chicago, Illinois
Fort Wayne, Indiana
Kansas City, Missouri
Newark, New Jersey
Chester, New York
Bridgeville, Pennsylvania
Denver, Colorado
Malverne, New York
Barre, Vermont
Tarrytown, New York
Rochester, New York
Califon, New Jersey
West Hartford, Connecticut
Westfield, New Jersey
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Upper Saddle River, New Jersey
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Modesitt, Leland Exton, Jr. ’65
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Montgomery, James Allison, Jr. ’66
Moody, James Burke ’67
Moore, Preston Jay, Jr. ’68
Moore, Ralph Patterson, Jr. ’66
Moore, Richard Albert, Jr. ’68
Moorhead, Daniel Speir ’67
Morfit, Michael Childs ’68
Morhouse, Sanford William ’66
Morse, Melvin Scott, Jr. ’66
Mosher, Allyn Toepfert ’68
Mosher, Richard Underhill ’67
Moskovitz, Ronald Bruce ’65
Muller, August Walter, Jr. ’65
Muniz, Paul Richard ’68
Munroe, James Stewart, Jr. ’65
Murnane, Richard John ’66
Murphy, Michael Brian ’67
Murray, John Hyde ’68
Murray, Robert Warden ’66
Mustille, Michael Anthony ’68
Myers, Roy Boardman ’66

Nagy, Alexander William ’65
Nash, David Marfield ’67
Navins, Richard Russ ’67
Naylor, Winford Caldwell, Jr. ’68
Neely, Paul ’68
Neely, Thomas Emerson ’65
Nesvig, Jon Clifford ’66
Neumann, Charles George, Jr. ’66
Newhall, Norman Leslie, III ’68
Nichols, Edward Cremin ’68
Nicholson, Thomas Heyward ’68
Nields, Morgan Wesson ’67
Niles, Nathaniel Lawrence ’66
Noell, Christopher Nicolas ’66
Noll, William Theodore, Jr. ’66
Nordness, Knut Bo Erichsen ’66
Norman, William Hanson Gill ’65
Nuessle, William Pendleton ’66

Oas, Richard Edmund, Jr. ’66
<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>City</th>
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<td>O'Brien, Stephen Brownell</td>
<td>'66</td>
<td>New Canaan, Connecticut</td>
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<tr>
<td>O'Brien, Stephen Francis</td>
<td>'65</td>
<td>Troy, New York</td>
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<tr>
<td>O'Conner, W(illiam) James</td>
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<td>Odden, John Hansen</td>
<td>'68</td>
<td>Princeton, New Jersey</td>
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<td>Oelsner, John William, Jr.</td>
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<td>Locust Valley, New York</td>
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<td>O'Flaherty, J(ames) Daniel</td>
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<td>Winston-Salem, North Carolina</td>
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<td>Ogola, Akisoferi Mikairi</td>
<td>'65</td>
<td>Tororo, Uganda, East Africa</td>
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<td>O'Grady, Gerald Burnett, III</td>
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<td>Ohly, Frederick Congleton</td>
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<td>McLean, Virginia</td>
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<td>O'Leary, Cornelius Peter</td>
<td>'66</td>
<td>Windsor Locks, Connecticut</td>
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<td>Olmsted, John Barrington</td>
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<td>Olson, George Edward</td>
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<td>Olson, Jon Wickman</td>
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<td>Watertown</td>
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<td>Orenberg, James Bruce</td>
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<td>Quincy</td>
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<td>Orr, Stephen Halsey</td>
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<td>'65</td>
<td>Lunenburg</td>
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<td>'65</td>
<td>St. Paul, Minnesota</td>
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<td>Ouchi, William George</td>
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<td>Honolulu, Hawaii</td>
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<td>Parnes, Andrew Henry</td>
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<td>Paryski, Paul Edward</td>
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<td>Toledo, Ohio</td>
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<td>Pas, Richard James</td>
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<td>Wauwatosa, Wisconsin</td>
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<td>Patton, Rodman Denison</td>
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<td>Skillman, New Jersey</td>
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<td>Paxson, Charles Speakman</td>
<td>'66</td>
<td>Williamsville, New York</td>
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<td>Payne, William McGuire, Jr.</td>
<td>'65</td>
<td>Concord</td>
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<td>Peachy, William Samuel</td>
<td>'67</td>
<td>Portland, Oregon</td>
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<td>Pearlman, Alan Stuart</td>
<td>'66</td>
<td>Rochester, New York</td>
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<tr>
<td>Pearlman, Mark Howard</td>
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<td>Rochester, New York</td>
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<td>Pearson, Paul Malcolm</td>
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<td>Portland, Oregon</td>
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<tr>
<td>Pellegrino, Don Gaetano</td>
<td>'66</td>
<td>Carmel, New York</td>
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<td>Perlstein, Robert Stephen</td>
<td>'67</td>
<td>New York, New York</td>
</tr>
</tbody>
</table>
Perry, Arthur, III '66
Perry, Carroll, III '67
Perry, Edward Needham '68
Pershing, John James, Jr. '67
Pete, Leslie William '68
Peterson, Gene Royal, II '67
Peterson, Howard Cornelius, III '65
Petty, John Charles '68
Pfaelzer, David Olcott '66
Phelan, Thomas Carron '67
Phelps, Barton Chase '68
Philipp, Stuart Edward '68
Phillips, Steven Joseph '68
Phillips, Thomas James '67
Phipps, Antony Allan '65
Pickett, Herbert McWilliams '65
Piechota, Mark Michael '67
Piel, Michael Thom '65
Piendak, George Allan '66
Pierce, Leslie Harrell, Jr. '65
Pierce, Thomas Hughes '68
Pilcher, Lawrence Colman '68
Pingree, David Alan '68
Pingree, Richard Graham '66
Piper, Addison Lewis '68
Plaine, Daniel Jeffrey '65
Plunket, Robert Nagoda '67
Pollock, Alexander John '65
Pond, Peter Burnham '67
Pope, Ralph Linder, III '65
Possick, Stanley Gerald '66
Potter, Earl Harvey, III '68
Potts, Charles Edwin, II '68
Powell, Earl Alexander, III '66
Powell, John Lamont '66
Pratt, James Anderson '68
Prendergast, John Clemons, Jr., '67
Preston, John Frederick, III '65
Promboin, Ronald Lewis '66
Prozeller, D(ana) Randolph '66
Pryor, John Rowan '66
Pugh, Wolcott Ezra '67
Pugmire, Rex Lee '66
Puryear, Boyd Alfred '67

Radeker, Gwynn Gardiner '67

Concord
Washington, D. C.
Concord
Atlanta, Georgia
Portland, Oregon
Pittsfield
New Canaan, Connecticut
Park Ridge, Illinois
Colorado Springs, Colorado
Westfield, New Jersey
Westfield, New Jersey
Carbondale, Illinois
Jamaica, New York
Seattle, Washington
Denver, Colorado
Kingston, Pennsylvania
Rochester, New York
Littleton, Colorado
New Britain, Connecticut
Baltimore, Maryland
Saratoga Springs, New York
Westerly, Rhode Island
Georgetown
Georgetown
Wayzata, Minnesota
Arlington, Virginia
Mexico, D.F., Mexico
Detroit, Michigan
Rutland, Vermont
Milton
Brookline
North Kingstown, Rhode Island
Glen Cove, L.I., New York
Warwick, Rhode Island
Oklahoma City, Oklahoma
Kingston, Rhode Island
Poultney, Vermont
New York, New York
Newton Centre
Fairport, New York
Louisville, Kentucky
Winnetka, Illinois
Tucson, Arizona
Cleveland, Ohio

Fletcher, North Carolina
Directory of Students

Rae, Douglas Allen '68
Ragsdale, Edgar Knapp '68
Rahill, John '68
Rais, Jan Bohumil B.P.
Randolph, Charles Jennings, III '66
Ransford, Stephen John '66
Ransom, Timothy Weaver '65
Rappaport, Neil Lewis '65
Rawlings, Nicholas Arthur '65
Rawls, John Dowling '65
Ray, Reginald Alden '65
Ray, Thomas Lee '68
Rea, Edward Middleton '68
Recht, Phillip Edward '68
Redman, David Nelson '68
Reed, William Franklin '68
Reichert, Timothy Clark '65
Reinke, Donald Samuel '66
Relyea, George Eric '65
Remington, Clinton Owen, III '67
Reynolds, Jonathan '67
Reznick, John Stanley, Jr. '68
Rhodes, Richard Anthony '68
Rice, Peter Gidley '68
Richards, Mark Walker '67
Richardson, Peter deQuartel '66
Richmond, Lee McNash '65
Richtmyer, Peter Mark '65
Ricketts, Lawrence Jennings '67
Rider, James Hart '66
Rikert, David Carroll '67
Robbins, Daniel Jay '66
Roberts, John Northmore '67
Roberts, William Alden '65
Roberts, William Taft '67
Robeson, Steven Craig '67
Robinson, Christopher Frederick '68
Robinson, Stephen Victor '65
Rodger, Donald Wadsworth '66
Roe, James Belfield '68
Roe, William Hall '66
Roesser, Prugh H. '66
Roesing, William Pierce '68
Roesler, Robert Cabaniss '66
Rogers, Hugh Barnes, Jr. '65
Roizen, Michael Fredric '67

Cranford, New Jersey
Littleton, Colorado
Southampton, Pennsylvania
Rio de Janeiro, Brazil
Devon, Pennsylvania
Pittsburgh
Wilmington, Delaware
New York, New York
Wilton, Connecticut
Mayport, Florida
Darien, Connecticut
Portland, Oregon
Garden City, New York
Cedarburg, Wisconsin
Aurora, Illinois
Pittsburgh, Pennsylvania
Lake Forest, Illinois
Bloomington, New York
Summit, New Jersey
Oakland, Rhode Island
Belmont
Ossining, New York
North Adams
Pittsfield
Brattleboro, Vermont
Narberth, Pennsylvania
Bronxville, New York
Brooklyn, New York
Toms River, New Jersey
New York, New York
Middlebury, Vermont
Beverly
Woodside, California
Boulder, Colorado
Woodside, California
Rochester, New York
Deerfield, Illinois
Lebanon, Ohio
Ho-Ho-Kus, New Jersey
St. Paul, Minnesota
St. Paul, Minnesota
Lahaska, Pennsylvania
Kenilworth, Illinois
Rochester, Minnesota
Winston-Salem, North Carolina
Buffalo, New York
Ronai, William George '68
Rork, Allen Wright '66
Rose, Douglas Dana '66
Rosen, Jeffrey Mark '66
Rosenthal, Joel Noah '67
Rosenthal, Stuart Alan '67
Ross, Charles Louis '67
Ross, Donald Ferrier, Jr. '65
Ross, John Frederick, Jr. '67
Ross, Peter Hutchinson '66
Ross, Stephen Bruce '66
Rothenberg, Jeffrey Gordon '68
Rubin, Robert Joseph '66
Rugge, John Keller, Jr. '66
Rutherford, David Jay '66
Rutherford, Robert Northwall, II '67
Ryan, Anthony Jerome '66
Ryder, Kenneth Francis, Jr. '65
Sachs, Robert Andrew '65
Sahm, Steven Cary '67
Salisbury, R(owland) Keith '66
Salvato, Anthony Vincent, Jr. '67
Samuels, Martin Allen '67
Sander, William Towne '67
Sandoe, Anthony Benson '66
Sands, Alexander Hamilton, III '67
Sankey, Stephen Chandler '66
Sartorius, Peter Scott '68
Sawyer, Andrew Tyer, Jr. '65
Sawyer, William Cotter '66
Saylor, David Jonathan '67
SchaUL, Louis Richard '65
Schelling, George Clinton '68
Schelling, John Ward '66
Schenk, John Dwight, Jr. '68
Schlech, Walter Frederick, III '68
Schlosberg, Jed '65
Schmitz, Alan John, Jr. '68
Schneider, D(orson) Peter '68
Schnur, Rodney Caughren '67
Schooley, Harry Barnum, III '67
Schulte, David Michael '68
Schwab, Douglas Barry '66
Schwab, John Deuruelle '67
Schwartz, Alec Michael '66

Mamaroneck, New York
Westboro
Royal Oak, Michigan
Englewood, New Jersey
Jamaica, New York
East Rockaway, New York
Manhasset, New York
Atherton, California
Upper Montclair, New Jersey
Neptune City, New Jersey
Brooklyn, New York
Brooklyn, New York
Brooklyn, New York
West Winfield, New York
Seattle, Washington
Seattle, Washington
Scarborough, New York
Springfield, New Jersey
Maplewood, New Jersey
Staten Island, New York
West Winfield, New York
Cincinnati, Ohio
University Heights, Ohio
Geneva, Illinois
Bristol, Virginia
Richmond, Virginia
Sterling, Colorado
Tenafly, New Jersey
Milwaukee, Wisconsin
Milwaukee, Wisconsin
Johnstown, Pennsylvania
Shaker Heights, Ohio
Darien, Connecticut
Darien, Connecticut
Lebanon, New Hampshire
Washington, D. C.
New York, New York
Summit, New Jersey
Elmhurst, Illinois
Deerfield, Illinois
Kingston, Pennsylvania
Livingston, New Jersey
Los Angeles, California
Toledo, Ohio
Scarsdale, New York
Directory of Students

Scott, Amos Hugh '68
Scott, Robert Garland, IV '68
Scott, William Leonard '67
Sears, Lewis Neasham, Jr. '66
Sease, Stephen Barrett '68
Secrist, John George '66
Seidenwurm, Jerome Alan '67
Selvig, John Nelson, III '65
Shafmaster, Jonathan Scott '67
Shapiro, William Dana '68
Shay, Henry Duncan '65
Shealey, Martin Timothy '67
Sheehan, Kevin Edward '66
Sheehan, Peter John '65
Shefrin, Russell Neal '68
Shepler, David Christopher '67
Shindler, John Harrison '68
Shoaff, Robert Nelson '68
Shuford, Robert Weir '67
Shulkin, Martin Barry '66
Shultz, Herbert Lloyd, Jr. '67
Silver, William '68
Silverman, Peter '65
Simkin, Peter Harvey '68
Simms, Albert Gallatin, III '67
Simon, Bruce Gordon '68
Simon, Peter Noel '65
Simon, Stuart Alan '66
Sipress, David Louis '68
Sjoholm, Jack Frederick, Jr. '67
Sklaver, Allen Robert '68
Sleeper, Arthur Michael '65
Sleezer, Alfred Wallace '67
Sloan, Paul Lowe '67
Sloane, David Allerton '68
Small, Joseph Chauncey '65
Smith, James English '67
Smith, Jonathan Tuck '66
Smith, Turner Burckhardt '67
Smith, Victor Hunt '68
Smith, William Neville '68
Snell, Stephen Conrad '66
Snibbe, Robert McCawley, Jr. '66
Snyder, Robert Gerald '68
Snydman, David Richard '68
Solfisburg, Roy John, III '65

Wills Point, Texas
Glenview, Illinois
Bala-Cynwyd, Pennsylvania
Moline, Illinois
Langhorne, Pennsylvania
Williamsville, New York
Rockville Centre, New York
Short Hills, New Jersey
Haferhill
Franklin Square, New York
Westport, Connecticut
West Yarmouth
New Milford, Connecticut
New Milford, Connecticut
Ray Brook, New York
Newton Center
Longmeadow
Fort Wayne, Indiana
Evanston, Illinois
Revere
Kingston, New York
New York, New York
Peterboro, New Hampshire
Pittsfield
Albuquerque, New Mexico
Middletown, New York
New York, New York
Middletown, New York
New York, New York
St. Paul, Minnesota
Waterbury, Connecticut
Charlton
Mountain Lakes, New Jersey
Brentwood, Tennessee
Port Washington, New York
New York, New York
Atlanta, Georgia
Hillsborough, California
Concord, Georgia
Washington, D. C.
Oklahoma City, Oklahoma
Rochester, New York
Port Washington, New York
Wilmington, Delaware
Cheltenham, Pennsylvania
Aurora, Illinois
Directory of Students

Sonderman, Robert Alan '66
Spack, Norman Paul '65
Spangler, Frederick Shadle '67
Spector, Leonard Sanford '67
Speert, Peter Klee '66
Spencer, Leonard Holmes '67
Spiegelman, Willard Lester '66
Sprague, Robert Chapman, III '68
Stableford, Jonathan Angell '67
Stackpole, Christopher Wayne '65
Stahl, Alan Glenn '67
Stanton, Robert Alan '68
Steadman, Edward John, Jr. '65
Steele, Robert Wallace '67
Steinberg, Howard Remez '68
Steinmuller, Donald Roberts '67
Stern, Allan Hays '67
Stern, David Becker, III '65
Stern, Peter Joseph '66
Stevens, Dana Nelson '67
Stevens, Douglas Howe '66
Stevens, Douglas King, Jr. '66
Stevens, Peter Wallis '65
Stevens, Thomas Ritchey '68
Stickney, John Thomas, Jr. '68
Stieffler, Jeffrey Earl '68
Stone, Lawrence Hamilton '66
Stonington, O(liver) Gordon, Jr. '65
Storey, M(atthew) John '65
Straub, James Walsh '66
Strassburger, Edwin J. '68
Strauss, Stephen Barclay '65
Streiecker, Paul Ward '67
Strickland, Guy Philip '65
Strong, David Seymour, II '68
Suda, Martin '68
Suh, Tony '68
Sulcer, Gordon Thearle '65
Sullivan, Daniel Edward '68
Sullivan, Dennis Hal '67
Sullivan, Dennis Richard '65
Sullivan, Mark James '68
Sullivan, Paul Francis '67
Summers, Robert Lee, Jr. '67
Sumner, Thomas William '67
Sundstrom, John Maurice '66

Greenwich, Connecticut
Maplewood, New Jersey
York, Pennsylvania
New York, New York
Scarsdale, New York
Becket
Philadelphia, Pennsylvania
Williamstown
Easton, Pennsylvania
Williamstown
Arlington, Virginia
Great Neck, New York
Port Washington, New York
Marblehead
Winnetka, Illinois
Chicago, Illinois
Cincinnati, Ohio
Oklahoma City, Oklahoma
Pittsburgh, Pennsylvania
New Orleans, Louisiana
Easthampton
Honolulu, Hawaii
Columbus, Ohio
Harrison, New York
Salisbury, Connecticut
Denver, Colorado
Chatham, New Jersey
Wilmington, Delaware
Pittsburgh, Pennsylvania
Burlingame, California
Brooklyn, New York
Baltimore, Maryland
Winnetka, Illinois
New York, New York
Syracuse, New York
Short Hills, New Jersey
Massapequa Park, New York
Cranford, New Jersey
Miami, Florida
Wilmette, Illinois
Eggertsville, New York
Marshfield
Shaker Heights, Ohio
Fillmore, California
Directory of Students

Suss, Warren Herbert '67
Swan, Allen George '68
Swanson, Peter Hyde '65
Swayze, Joseph Couse, Jr. '66
Taft, Richard George, Jr. '66
Tan, Kiat W. '65
Tansey, James Joseph, Jr. '66
Taylor, Allan Everett '67
Taylor, Edward James '66
Taylor, John Stewart '67
Taylor, Philip Bates, III '67
Taylor, Trude Carl, Jr. '67
Taylor, William Getman '67
Terrell, Stanley Seltzer '68
Teschke, Ronald Scott '68
Testa, Michael David '66
Tether, Harry Remington '67
Thall, Bruce Louis '68
Thim, George Neil '65
Thomas, Lloyd Spencer '68
Thompson, James Peery Williams '68
Thomson, Jere Rogers '65
Thornburg, Harold Garrett, Jr. '68
Thornhill, Thomas Stone '66
Thrasher, Richard Edward '67
Tibbets, John Dudley '67
Tilton, William Penn, III '67
Titus, Cloyd Kent '66
Tobis, David Michael '66
Todd, David Law '68
Tonkin, Allen Kenneth '66
Townsend, Peter Harold '65
Traeger, Rodney Samuel '66
Trainor, John Michael '65
Treibler, William Frederick, Jr. '66
Trent, Robert James '67
Tresch, Richard William '65
Tucker, Charles Lee, Jr. '66
Tucker, Charles William '67
Tueting, Douglas Elwood '67
Tull, John Anderson '65
Tunick, David Philip '66
Tuthill, George Frederick, Jr. '67
Tyler, Cadwell, III '67
Tyler, Joseph Curtis, III '68

Great Neck, New York
Rochester, New York
Grosse Pointe, Michigan
Glen Ridge, New Jersey
Norman, Oklahoma
Singapore, Malaya
Charlton
Boxford
Portland, Oregon
Bethesda, Maryland
Bethesda, Maryland
Pasadena, California
Auburn, New York
Baltimore, Maryland
Northfield, Illinois
Syracuse, New York
Bronxville, New York
Lynbrook, New York
Hamden, Connecticut
Culver City, California
Cedar Bluff, Virginia
Somerville, New Jersey
Lakefield, Minnesota
Charleston, West Virginia
Rochester, New York
Atherton, California
Flossmoor, Illinois
Binghamton, New York
Manhasset, New York
Winnetka, Illinois
Glenview, Illinois
Lebanon, New Hampshire
San Antonio, Texas
Canaan, New York
Pelham Manor, New York
Manhasset, L.I., New York
Mountain Lakes, New Jersey
Philadelphia, Pennsylvania
Drexel Hill, Pennsylvania
Minneapolis, Minnesota
Denver, Colorado
Stamford, Connecticut
Williston, Vermont
Goshen, New York
Santa Maria, Rio Piedras, Puerto Rico
Directory of Students

Garden City, L.I., New York
Lagos, Nigeria

Webster
Tenafly, New Jersey
Ridgewood, New Jersey
Williamstown
Hamden, Connecticut

St. Paul, Minnesota
Longmeadow
Charlotte, North Carolina
Detriot, Michigan
Royalston

Wassenaar, Netherlands
Wayne, New Jersey
Winnetka, Illinois
Savannah, Georgia
Sandpoint, Idaho
Waverly, Pennsylvania
South Harpswell, Maine

Carlisle, Pennsylvania
Shawnee Mission, Kansas
Milton
Salisbury, Connecticut
Charleston, South Carolina
Beverly

Riverside, Connecticut
Adams
Bayside, New York
New York, New York
Medfield

Walden, New York
Port West, Bermuda
Utica, Ohio
San Diego, California
Pennington, New Jersey
West Hartford, Connecticut
Chestertown, Maryland
Louisville, Kentucky
Gladwyne, Pennsylvania
Cincinnati, Ohio
Shaker Heights, Ohio
Kansas City, Missouri
Port Chester, New York

Tyre, Robert Arthur '67
Ugowe, Gabriel Osayande '66
Ungerer, James Christian '67
Untereker, William Joseph '68
Upton, Walter Coles '66
Urmy, Norman Bingham '66
Usher, Steven Cady '66

Valleau, Robert Thompson '66
Vallière, Paul Richard '65
Van Allen, William Kent, Jr. '68
Van de Graaf, Johannes Jacob, Jr. '66
Vandemoer, John Nicholas '65
van den Bergh, Hubert Erik '66
Van Dyken, Jacob John '68
Van Horne, Jan Frederick '66
Varneode, John Kirk Train '67
Venishnick, Joseph Karel '67
Vipond, Jonathan, III '67
Vroom, Jacques Edward, Jr. '66

Wagner, R(ichard) Jerome '66
Wagstaff, Thomas Walton '68
Walke, Roger Atkinson, III '67
Walker, Jeffrey Lawrence '68
Wall, Robert Thorp, Jr. '68
Wallace, Robert Bruce '66
Wallau, Alex Lee, III '66
Walsh, James Vincent '68
Wand, Austin '68
Wangh, Lawrence Joel '68
Warburton, Richard Julius '65
Ward, George Newins, III '66
Wardman, George Alfred '68
Warner, Ronald Dwight '67
Warren, Glenn Stewart '68

Washburn, Edward Seymour, Jr. '66
Wasserman, Michael Gary '68
Watson, Gilbert Loren, III '66
Watson, Kenneth Stanley, II '65
Watson, Peter Town '67
Watson, Stephen Evans '67
Watterson, W(ayt) Timberlake '65
Waugh, Curtis John '68
Way, John Biden '67

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Directory of Students

Weaver, C(harles) Herschell '66
Weeks, Lionel Edwards, III '68
Weiss, Andrew Murray '68
Weiss, F( rederick) Toby, Jr. '66
Welch, Christopher Clark '65
Weller, Jonathan Bruce '68
Werner, Tom Goldsmith '65
West, John Dobson '65
Westmeyer, Wesley Richard '67
Wheaton, Gerald Raymond '65
Wheeler, David Davenport '68
Wheeler, John Krepps '65
Wheelock, Arthur Kingsland, Jr. '65
White, Christian Sherwood '67
White, Sammis Brownell '65
Whitehead, John Jed '67
Whitman, William Cushing '68
Whitmore, Dan Rogers '67
Wies, Carl Hendricks '68
Wilkins, Clinton Porter '68
Wilkins, Robert Wallace, Jr. '68
Wilcox, Kenneth Alan '67
Willett, William Francis '67
Willett, William Ward, III '66
Williams, David Paul '68
Williams, Jeffrey Hubert, III '68
Williams, Nedland Pedersen '68
Williams, Richard Brewster '67
Williams, William Gardner '67
Williams, Winston Rogers '68
Williamson, Peter Arthur '66
Wilson, Addison George, III '68
Wilson, David Cameron '65
Wilson, John McNeal '68
Wilson, Robert Alexander '68
Wilson, Robert Kay, Jr. '65
Wilson, Wallace Frank '67
Winder, Walton Russell '66
Winer, Marc Alan '68
Wing, Edward Joseph '67
Winner, Henry Rathbone '66
Wishard, Gordon David '66
Wohnus, William Henry '67
Wolf, Paul Anthony, II '65
Wolfe, S(tephen) James '65
Wolff, Steven '65

Hancock, Maryland
Rockville Centre, New York
Belle Harbor, New York
Piedmont, California
Westfield
New York, New York
Sandwich, Illinois
Excelsior, Minnesota
Stamford, Connecticut
Corning, New York
Chappaqua, New York
New York, New York
Uxbridge
Chevy Chase, Maryland
Clinton, New York
Scarsdale, New York
Long Lake, Minnesota
Houston, Texas
Watertown, Connecticut
West Newton
Newburyport
Minneapolis, Minnesota
Norfolk, Virginia
Concord
Fitchburg
Sharon
South Orange, New Jersey
Shaker Heights, Ohio
Chicago, Illinois
Durham, North Carolina
Hudson, Ohio
Dallas, Texas
West Hartford, Connecticut
Chattanooga, Tennessee
Greenville, South Carolina
Wellesley Hills
West Hartford, Connecticut
Philadelphia, Pennsylvania
Nashua, New Hampshire
Port Washington, New York
Elmira, New York
Indianapolis, Indiana
Bennington, Vermont
Shrewsbury
Hillsborough, California
New York, New York
Wolmuth, Roger Rudolph '68
Wood, Stephen Peirce '66
Woods, Dick Hoblit, Jr. '65
Woods, James Pleasant, III '66
Woodward, Henry Lavinder '65
Woodworth, William Robert '67
Worland, Ronald Glenn '66
Worrall, Charles Trumbull '67
Worrall, James Leburton, Jr. '65
Wright, Jonathan Knox '65
Wright, Lewis Henry Atwell '65
Wrightington, David Shepard '66
Wulp, Jonathan Chase '67
Wylie, Scott Foster '68
Yee, Ronald Wing Kin '68
Yeiser, Charles Frederick, Jr. '67
Yogman, Michael William '68
Young, Bailey Kilborn, Jr. '66
Young, Charles Amasa, III '65
Young, David Bruce '66
Young, John Otis, III '66
Youngs, Paul '68

Zimmerman, S(terling) Edwin, Jr. '66

GRADUATE STUDENTS

Candidates for Degree of Master of Arts

Joseph John Baldassare
Eleanor Reier Brown
James Garrett Davis
Carole Eva Hughes
John David Joscelyn
Thomas L. Koppenheffer
Donald Elwin Lewis
Fred Charles Newman
Robert Edson Parks

Special Graduate Students

Enrique Castellanos
Chan-Shiang Chen
Ibsen Chen

Burlingame, California
Miami, Florida
Kansas City, Missouri
Salem, Virginia
Bristol, Virginia
New London, Connecticut
Wayne, New Jersey
Indianapolis, Indiana
Indianapolis, Indiana
Merrick, New York
Milford, Connecticut
Stamford, Connecticut
Mayville, North Dakota
San Francisco, California
Honolulu, Hawaii
Cincinnati, Ohio
Bayonne, New Jersey
Madison, New Jersey
Weston
Columbia, Missouri
Westfield, New York
Cincinnati, Ohio
Glen Burnie, Maryland

Cali, Colombia
Taiwan, China
Hong-Kong, China
Directory of Students

Candidates for Degree of Master of Arts in Development Economics

Maurice F. Abdullah
Hikmet Cetin
Joselito S. Gallardo
Arturo Garcia-Torres
Adolfo Goldenstein K.
Sofjan Jusuf
Sankara Narayana Krishnan
Nicholas P. LaPena, Jr.
George Mbowe
Arturo Carlos Meyer
Mohammed Muniruzzaman
Abdel Rahman Ahmed Osman
Zoran Popov
Jorge Ramirez Ocampo
Saeng Sanguanruang
T. L. Sankar
Mohammed Abdus Sattar
Sayed Hamad Satti
Badejo Isola Semowo

Candidates for Degree of Master of Science

David Lewis Angel
Ronald Lee Baker
David William Collins
Bernard Greenstein
David Clark Howe
Daniel Klempner
William Francis LaPointe
Jack Lowen
Arthur Clement McAdams
Matthew Wilson McNeary
Galeb Hamid Maher
Jacob Hershey Martin
John A. Newman
Richard Reid, Jr.
John Harvey Reynolds
Paul Kenneth Sartoris
William Charles Schneider
David Gale Thompson
Denes S. Varady
Ernest Nicholas Urfer
William Edward Weslowski
E(dgar) Mark Williams, III

 Egypt
Turkey
Philippines
Mexico
Chile
Indonesia
India
Philippines
Tanganyika
Argentina
Pakistan
Sudan
Yugoslavia
Colombia
Thailand
India
Pakistan
Sudan
Nigeria

Williamstown
Williamstown
North Adams
Greene, Maine
Williamstown
North Adams
Williamstown
Williamstown
Orono, Maine
North Adams
Williamstown
North Adams
Williamstown
North Adams
Williamstown
Adams
North Adams
Williamstown
Adams
North Adams
**Directory of Students**

**Sprague Employees Special Graduate Students**

- Salvatore Joseph Acello  
- James Edward Maynes  
- William Glover Seeley

**ENROLLMENT BY CLASSES, SEPTEMBER 1964**

<table>
<thead>
<tr>
<th>Class</th>
<th>Number</th>
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<tbody>
<tr>
<td>Graduate Students</td>
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<td>Seniors</td>
<td>263</td>
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<td>Juniors</td>
<td>295</td>
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<tr>
<td>Sophomores</td>
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<tr>
<td>Freshmen</td>
<td>323</td>
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<td>Bowdoin Plan</td>
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<td><strong>Total</strong></td>
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**ENROLLMENT BY CLASSES, FEBRUARY 1965**

<table>
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<th>Class</th>
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<td>Graduate Students</td>
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<tr>
<td>Juniors</td>
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<tr>
<td>Sophomores</td>
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<tr>
<td>Freshmen</td>
<td>322</td>
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<tr>
<td>Bowdoin Plan</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>1209</strong></td>
</tr>
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**GEOGRAPHICAL DISTRIBUTION**

- Alabama: 3
- Arizona: 4
- California: 40
- Colorado: 22
- Connecticut: 73
- Delaware: 15
- District of Columbia: 17
- Florida: 7
- Georgia: 9
- Hawaii: 5
- Idaho: 4
- Illinois: 66
- Indiana: 7
- Iowa: 3
- Kansas: 6
- Kentucky: 9
- Louisiana: 5
<table>
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<th>Number of Students</th>
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<tbody>
<tr>
<td>Maine</td>
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</tr>
<tr>
<td>Maryland</td>
<td>27</td>
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<tr>
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## WILLIAMS COLLEGE

### CALENDAR 1965-66

| Sept. 15 | Wednesday | Last day for Upperclass course changes |
| Sept. 19-22 | Sunday through Wednesday | Freshman days |
| Sept. 20 | Monday, 8:30 a.m. - 12 m. | Freshmen meet with Faculty Advisors |
| Sept. 22 | Wednesday, 11 a.m. | Upperclass Enrollment |
| Sept. 23 | Thursday, 8 a.m. | Classes begin |
| Sept. 26 | Sunday | College Convocation |
| Oct. 23 | Saturday | Freshman Parents’ Day |
| Nov. 6 | Saturday | College Holiday. (Wesleyan game —away) |
| Nov. 12 | Friday | Warnings due |
| Nov. 13 | Saturday | College Holiday. Saturday classes Friday morning (Amherst game —home) |
| Nov. 22 | Wednesday, 12:15 p.m. | Thanksgiving recess begins |
| Nov. 29 | Monday, 8 a.m. | Thanksgiving recess ends |
| Dec. 18 | Saturday, 12:15 p.m. | Christmas recess begins |

### 1966

| Jan. 3 | Monday, 8 a.m. | Christmas recess ends |
| Jan. 15 | Saturday, 12:15 p.m. | Classes for first semester end |
| Jan. 17 | Monday | Free Day |
| Jan. 18-26 | Tuesday through Wednesday | Midyear examinations |
| Jan. 27-31 | Thursday through Monday | Midyear recess |
| Feb. 1 | Tuesday, 8 a.m. | Classes begin |
| Feb. 18-19 | Friday and Saturday | College Holidays. (Winter Carnival) |
| Mar. 18 | Friday | Warnings due |
| Mar. 19 | Saturday, 12:15 p.m. | Spring recess begins |
| April 4 | Monday, 8 a.m. | Spring recess ends |
| May 7 | Saturday | Parents’ Day |
| May 21 | Saturday, 12:15 p.m. | Second semester classes end |
| May 23-24 | Monday and Tuesday | Free Days |
| May 25-June 3 | Wednesday through Friday | Final examinations |
| May 30 | Monday | Memorial Day, a holiday |
| June 4 | Saturday | Honors examinations |
| June 6 | Monday | Major examinations |
| June 11 | Saturday | Class Day |
| June 12 | Sunday | Baccalaureate Sermon |
| June 12 | Sunday | Commencement |
| June 18 | Saturday | Alumni Meeting |