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## Trinity College Bulletin, 1977-1978 (Graduate Studies)

Trinity College

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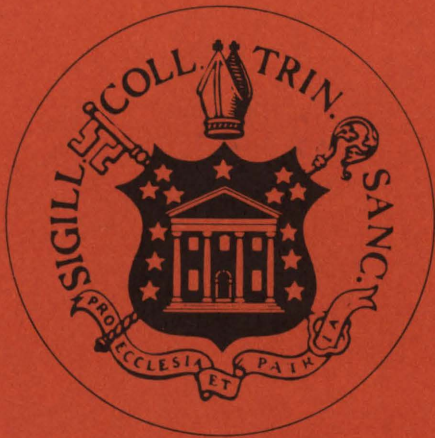
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# Trinity College Bulletin



## *Graduate Studies*

Summer 1977/Academic Year 1977-1978

Trinity College Hartford, Connecticut

## Calendar

### SUMMER TERM – 1977

|                  |   |
|------------------|---|
| May 2, Monday    | Registration for summer opens                               |
| May 14, Saturday | Economics Qualifying Exam, 10:00 a.m., Williams 301         |
| June 27, Monday  | General Summer Session begins (consult individual listings) |
| July 4, Monday   | Classes WILL meet   |
| Aug. 5, Friday   | Summer Session ends   |

Information regarding final examinations will be furnished by the instructors.

Resident students will receive room assignments and keys in Mather Campus Center (1-8 p.m.) on the day preceding the beginning of classes.

### CHRISTMAS TERM – 1977

|                    |  |
|--------------------|--|
| Aug. 1, Monday     | Registration for Christmas Term opens  |
| Sept. 6, Tuesday   | Evening hours for Graduate Advising and Registration, 7:00-9:00 p.m. (see page 8). |
|                    | Economics Qualifying Exam, 7:00 p.m., Williams 301                                 |
| Sept. 7, Wednesday | Christmas Term courses begin   |
|                    | Evening hours for Graduate Registration, 5:00-7:00 p.m.                            |
| Oct. 19-21         | Undergraduate Open Period: Graduate classes WILL meet                              |
| Nov. 4, Friday     | Last day to finish incomplete courses of previous term                             |
| Nov. 23-24         | Thanksgiving Vacation: no graduate classes   |
| Nov. 28, Monday    | Classes resume   |
| Dec. 1, Thursday   | Registration for Trinity Term opens  |
| Dec. 15, Thursday  | Last day of graduate classes   |

### TRINITY TERM – 1978

|                    |  |
|--------------------|--|
| Dec. 1, Thursday   | Registration for Trinity Term opens  |
| Jan. 16, Monday    | Economics Qualifying Exam, 7:00 p.m., Williams 301                                 |
|                    | Evening hours for Graduate Advising and Registration, 7:00-9:00 p.m. (see page 8). |
| Jan. 17, Tuesday   | Evening hours for Graduate Registration, 5:00-7:00 p.m.                            |
| Jan. 18, Wednesday | Trinity Term courses begin   |
| Feb. 1, Wednesday  | Final day for submitting Application for Conferral of Master's Degree              |
| Feb. 13-17         | Undergraduate Open Period: Graduate classes WILL meet                              |
| March 20, Monday   | Spring Vacation begins (graduate classes WILL NOT meet)                            |
| April 3, Monday    | Classes resume   |
| April 7, Friday    | Last day to finish incomplete courses of previous term                             |
| May 1, Monday      | Final day for submitting theses (signed and graded)                                |
| May 9, Tuesday     | Last day of graduate classes   |
| May 28, Sunday     | Commencement Exercises for the 155th Academic Year                                 |

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# *Graduate Studies at Trinity College*

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## The Academic Program

THE Trinity College program of graduate studies provides for the further scholarly development of talented men and women who wish to engage in a program of part-time evening graduate study.

Courses in the program lead to the degrees of Master of Arts, Master of Liberal Arts and Master of Science. Men and women who hold the Bachelor's degree may enroll in graduate courses for which they are qualified even though they do not matriculate for the Master's degree.

As a result of its experience since 1927 with part-time graduate study, Trinity has concluded that the following conditions enable graduate students to progress toward a Master's degree which will represent superior accomplishment: *first*, a limited enrollment of students who are capable, mature, highly motivated; *second*, a Faculty of scholar-teachers; *third*, courses which meet for the longest possible time consistent with the efficient use of the student's necessarily limited time; *fourth*, small classes which meet at the College; *fifth*, excellent library facilities; *sixth*, encouragement of independent research; *seventh*, careful counseling of students to undertake in any semester no more courses than they can complete to the best of their ability.

### STUDENTS

Men and women who hold the Bachelor's degree may enroll in graduate courses for which they are qualified even though they do not matriculate for the Master's degree. Such persons should consult with the Office of Graduate Studies or the appropriate departmental graduate adviser before registering. They must ordinarily provide an official transcript of their undergraduate record at the time of registration.

Students who are employed on a full-time basis, whether or not candidates for the Master's degree, do not usually register for more than one course in their first term of study. In subsequent semesters a limit of two courses is suggested. These guidelines are established in order to protect students who might undertake more work than they can accomplish successfully. Students will find that each course requires a large amount of reading at the library, and most courses will include the preparation of a term paper or report.

Undergraduates matriculated for the Bachelor's degree at Trinity who are entering their junior or senior year and whose records have been outstanding will be permitted to enroll in graduate-level courses, except those numbered at the 600 level. To enroll in these courses an eligible student must have the prior approval of his adviser, of the instructor of the course, and of the Office of Graduate Studies. Undergraduates who are admitted to these courses are expected to complete the same requirements that apply for graduate students.

## CANDIDACY FOR THE MASTER'S DEGREE

Trinity grants the Master's degree in chemistry, economics, education, English, French, history, Latin literature and classical civilization, liberal arts, mathematics, philosophy, physics, political science, public policy studies, and Spanish. Graduate courses are offered in the Trinity Summer Term as well as the regular college year.

Students who expect to work toward a Master's degree and students who are seriously considering study toward this degree are urged to apply as early as possible for matriculation as candidates for the degree. There are two advantages to application prior to, or soon after beginning, graduate study: 1. if the application is not approved the student will be spared the cost of tuition for courses which will not be credited toward a degree; 2. if the application is approved the student can be properly advised on a program of study. *All candidates will be expected to complete a minimum of six courses after admission to candidacy.*

Applicants are expected to hold a Bachelor's degree from an accredited college. Recent graduates should have earned an average of B (80) in all undergraduate courses and should show greater proficiency in their field of specialization. Less emphasis is placed on the undergraduate standing of applicants whose undergraduate study was completed several years ago, but the professional experience and interests of such applicants will be carefully weighed. All applicants should have a considerable background in the liberal arts and all should have attained facility in the use of English.

Transcripts of all college work must accompany the application form, which can be obtained from the Office of Graduate Studies. In certain cases applicants may also be asked to submit the results of the Graduate Record Examination or other supporting data. An interview at the Office of Graduate Studies or with the appropriate departmental adviser may be required after all materials pertinent to application have been assembled.

Applications which are completed by April 1 will be considered prior to May 1. Applications completed by November 1 will be considered prior to December 1. Applications may be considered at other times, upon special request.

An offer of admission to the Master's program at Trinity is valid for one year. If the student does not take courses within that year, he/she must then reapply for candidacy.

## DEGREE REQUIREMENTS

A course, identified by a single number (501 for example), carries one course credit. In those cases identified by a hyphenated number (651-652 for example), the unit of study carries two course credits. One course credit is the equivalent of three semester hours credit.

To receive the Master's degree the candidate must complete a minimum of ten courses at the graduate level with satisfactory grades (*see Graduate Grades*). The candidate must demonstrate proficiency in whatever language, if any, his major department specifies. Under certain conditions as many as two courses (six semester hours) from another graduate school will be credited toward the requirements for the Master's degree at Trinity.

It is implicit in the conferral of any earned degree that study toward that degree

has assumed an important position in the student's life. Consistent with this implication is the imposition of a time limit within which the requirements for a degree must be completed. At Trinity College the requirements for the Master's degree must be completed within six years from the beginning of study toward the degree. The time limit will be specified in each letter of approval of candidacy. Students who fail to complete the requirements within the designated time may apply for readmission. This second application must be accompanied by a letter which will include a detailed explanation for the failure to complete the requirements within six years. Readmission will not necessarily be granted and, if granted, will normally include a requirement that no more than half of the credit previously earned be applied toward the Master's degree.

### THE THESIS AND COMPREHENSIVES

A thesis is required of candidates in history and philosophy and of some candidates in economics, education, English, French, political science and Spanish. Normally, the thesis is the final project undertaken for completion of degree requirements. When a student has chosen a tentative topic or a particular field of study in which he would like to do his thesis research, he is assigned to a thesis adviser by the chairman of his department. (The chairman may, if he deems it necessary, require of the student evidence of his ability to do scholarly writing before assigning him to an adviser or before forwarding notice of the acceptance of the plan and outline of the thesis project.) After the student has met with his adviser and submitted to him a satisfactory plan and outline for his project, the adviser and the department chairman will indicate their approval by signing the Thesis Approval form entitling the student to register with the Graduate Office for course 651-652 of that department. Course credit for the thesis (two course credits) will be awarded upon its final approval by the adviser and a second reader designated by the chairman of the major department or the Office of Graduate Studies. The thesis, in final form, must be submitted not later than May 1 of the year in which the candidate expects to receive his degree.

A student undertaking to write a thesis should obtain from the Graduate Office a copy of the "Instructions Regarding the Preparation and Submission of Masters' Theses at Trinity College" and should consult his department chairman to learn of the particular procedures which his department requires.

The College and the departments expect that normally a student will complete his thesis in the same year in which he registers for it. A student who fails to complete the thesis within this period (twelve months from the date of registration), and whose time limit for completion of the degree requirements has not yet expired, must register each year until his thesis is completed as a "Visiting Scholar." He shall pay the registration fee and an enrollment fee of \$100 each year.

If the major department specifies that the candidate will take a comprehensive examination in lieu of a thesis the candidate must make the necessary arrangements with the graduate adviser at the beginning of the Trinity Term. The examination will be scheduled at the convenience of the department in April or May. Comprehensive examinations are scheduled during the Summer Term in the Department of Classics and in early fall and late spring in the Department of Modern Languages. If the student fails the examination, a second and final examination may be requested for

administration not earlier than six months nor later than one year after the initial examination. A grade but no credit is awarded for the comprehensive examination.

By February 1 prior to the Commencement at which the student expects to receive his degree, he must file an application for conferral of the degree. A form for this purpose will be provided by the Graduate Office on request.

### CERTIFICATE OF ADVANCED STUDY (SIXTH YEAR FOR TEACHERS)

Programs of study fitted to individual needs are available to teachers who have earned the Bachelor's and Master's degrees. Each program will be planned in conference by the graduate student and the graduate adviser in the major department. Thus the student should contact the graduate adviser directly, submitting a proposal for work to be undertaken. The proposed program should revolve around a set of related courses. Certification of satisfactory performance will be furnished at the conclusion of study to whatever authorities the student designates. Application forms are available from the Graduate Office.

### GRADUATE SCHOLAR PROGRAM

Students who have already earned a Master's degree from an accredited college or university may become Graduate Scholars at Trinity College. This program enables such students to audit graduate courses and have access to all College facilities including the library. A record is kept of all audits completed, enabling the College to certify participation in this professional development program. The charge for audits is \$150 per course plus a recording fee of \$25 per semester.

### GRADUATE GRADES

At the conclusion of each course and comprehensive examination each graduate student will receive a grade from this scale:

*Distinction – High Pass – Pass – Low Pass – Failure*

Theses will be graded with one of the following:

*Distinction – High Pass – Pass – Fail*

Although equivalence of grades between graduate and undergraduate courses is difficult to define, it is generally agreed among colleges that graduate students will be expected to attain a higher level of achievement than would be expected of undergraduates. Frequently this expectation is expressed in a requirement that graduate credit will be awarded only for courses in which a grade of B or higher is earned. The faculty of Trinity College regards two passing grades (A and B, for example) as inadequate differentiation of the quality of acceptable achievement for graduate students. Therefore, the restricted range of achievement for which graduate credit is awarded has been divided into three. It should be understood that the grades of Distinction, High Pass, and Pass are NOT equivalent to A, B, and C, but represent a finer division of the A and B range.



Whenever a candidate for the Master's degree has received a total of two grades of Low Pass and/or Failure in his major field of study, or three such grades regardless of field, his eligibility for further study will be terminated. No more than one grade of Low Pass will be credited toward the requirements for the Master's degree.

Graduate students who are not approved candidates for the Master's degree, will be ineligible for candidacy for the Master's degree if they receive two grades lower than Pass regardless of field.

### TRANSFER CREDIT

Under certain conditions Trinity will accept credit up to a maximum of two courses (six semester hours) of graduate work completed at other accredited institutions: grades received in such courses must meet the minimum standard for graduate study at Trinity ("B-" or higher); and such courses must be considered equivalent to Trinity offerings.

Candidates desiring transfer credit should: 1) submit to the Graduate Office in writing a full course description; 2) provide a written request for transfer credit to the Office of Graduate Studies, preferably in advance of actual registration in the course to be transferred; 3) arrange to have an official transcript of their record sent to the Graduate Office.

## Enrollment in Courses

### TUITION CHARGES

The tuition charge is \$220 per course, with the exception of the thesis (651-652) and Education 491-492, for which the tuition is \$440. For Trinity undergraduates, graduate courses taken for undergraduate credit during the academic year are counted as part of their regular load. During the Summer Term, the tuition charges for these courses is at the graduate rate.

In addition to the tuition charges, each student must pay a non-refundable registration fee of ten dollars per term. Full payment of all costs must accompany registration for each semester.

### NON-CREDIT ATTENDANCE

Persons who do not wish to receive credit for specific courses may, with permission of the Office of Graduate Studies, register as auditors. They will receive no credit and no grade, and no record of their attendance will be made. They need not always fulfill the prerequisites of the course and are not required to take examinations. The charge for auditing is \$150 per course.

Graduate students who have been accepted as candidates for the Master's degree at Trinity College and who have completed two courses at the graduate level will be allowed to audit without charge a total of two courses. This privilege is without time limit; the courses may be audited prior to or after the completion of the degree requirements. In each case, however, permission to take a "Graduate Audit" must be obtained from the Office of Graduate Studies.

### REGISTRATION

Students may register by mail or in person at the Graduate Office located on the second floor of Williams Memorial. Registration cards will be sent automatically to graduate students enrolled in a degree program or to prospective students who have requested them. Trinity undergraduates wishing to take graduate courses must register at the Graduate Office, in addition to completing the regular registration procedure.

All courses are limited in size. Students will be enrolled in each course in the order in which their registration cards are received. To have a wide choice of courses a student is urged to register as early as possible, either by mail or in person.

It is each student's responsibility to determine his eligibility to enroll in a specific course.

All graduate courses, except those numbered at the 600 level, are open by permission to selected undergraduates in their junior or senior year.

### **Summer Term**

Registration opens May 2.

Full payment of all costs must accompany each registration.

Registrations will be accepted as late as the first day of classes. Students must attend those courses in which they have enrolled no later than the second meeting of each course.

The Graduate/Summer Office is open from 8:30 a.m. to 4:00 p.m. during the months of June, July and August.

### **Academic Year**

Registration for Christmas Term opens on August 1, and for Trinity Term on December 1.

In addition to regular office hours, the Graduate Office will be open for registration on the following evenings:

September 6 from 7:00 to 9:00 p.m.

September 7 from 5:00 to 7:00 p.m.

January 16 from 7:00 to 9:00 p.m.

January 17 from 5:00 to 7:00 p.m.

Special advising evenings will be held on Tuesday, September 6 and on Monday, January 16, from 7:00 to 9:00 p.m., at which times graduate advisers will be in their offices for consultation. Students who wish to do so may register in the Graduate Office following their consultation.

For courses which have not reached their limit of enrollment, registration will be accepted as late as the end of the first week of classes.

Full payment of tuition and registration fee must accompany each registration - including vouchers issued by employers.

**Students are urged to register early as enrollment in most courses is limited. Students are registered in courses in the order in which registrations are received.**

### **OFFICE HOURS**

From September through May the Graduate Office is open Monday through Friday from 9:00 a.m. to 5:00 p.m. Evening hours on special dates are listed above as well as on the inside front cover of this bulletin. During June, July and August the Office is open Monday through Friday from 8:30 a.m. to 4:00 p.m.

### **CORRESPONDENCE**

All requests for admission, registration, and current standing should be addressed to Mrs. Carole M. Lawson, Graduate and Summer Studies (ext. 321). Requests for transcripts and other information about students who are not active degree candidates should be obtained from the Office of the Registrar (ext. 356).

### **WITHDRAWAL**

Registration for a course is a commitment to complete the course. Request for withdrawal and reasons for the request must be included in a letter addressed to the

Office of Graduate Studies. Withdrawal is not accomplished by failure to attend classes or by notification to the instructor. Students contemplating withdrawal should, if possible, continue their attendance until a reply to their request is received. Unauthorized withdrawal will result in a grade of failure in the course.

No student will be permitted to withdraw from a graduate course after the twelfth week of a course during the regular academic year or during the last week of a summer course.

Ordinarily, no refunds of tuition will be made. In exceptional cases – e.g., withdrawal made necessary by serious illness or by call to military service – partial refunds may be granted. Such requests must be made to the Office of Graduate Studies by 4:00 p.m. on the second day of classes during the Summer Term or by the end of the second week of classes during the academic year.

## FINANCIAL ASSISTANCE

Graduate students seeking financial assistance should direct all inquiries to the Office of Graduate Studies and make formal application for scholarships on the appropriate forms issued by that office.

### *Trinity Graduate Scholarships*

A limited number of graduate scholarships are available to graduate students who are approved candidates for the Master's degree. Normally, they must have completed a minimum of two courses in their major field of concentration at Trinity.

These scholarships entitle recipients to the exemption of one-third of tuition costs in courses for which they register. They may be applied to a maximum of three courses during any twelve-month period. They are not automatically renewable, but a new scholarship application may be made at the end of that period. Financial need is the primary consideration in making awards.

### *Mitchell B. Stock Scholarship*

This scholarship is awarded to a secondary school teacher who has shown unusual academic promise in pursuit of the Master's degree at Trinity.

### *Guaranteed Insured Loan Program*

Attention is called to the existence of various state educational loan plans established under the Higher Education Act of 1965. For residents of Connecticut, loans up to \$2,500 per year are available for graduate study. The United States Government will subsidize the interest payments on loans up to \$2,000 if the adjusted annual income of the student's family is below \$25,000 or if the student demonstrates need for the loan. Information on the state loan program is available from local Connecticut banks.

### *Veterans*

Students admitted to Trinity who intend to study under Public Law 89-358 should, upon admission to Trinity, communicate with their local Veterans Administration

Office, requesting an application for a program of education under this law. It is advisable to begin this procedure at least 6 weeks prior to the beginning of classes.

All students, both new and continuing, should request certification of student status from the Registrar's Office, *each semester*, as soon as registration has been completed and tuition and fees paid.

## REGULATIONS

**Absences.** Students are expected to attend all class meetings; they are not "entitled" to any absences. Excessive absences will be sufficient cause for required withdrawal. An absence from an announced examination may be excused only for sickness certified by a doctor or emergencies by the Office of Graduate Studies.

**Parking.** Specific parking regulations for use of the Trinity College parking lots must be observed by all students, whether taking evening or Summer Term classes. These regulations are contained on a separate sheet which is given to each student together with the confirmation of his registration. They are also available in the Graduate Office.

All students who bring automobiles to the campus must file an automobile registration card with the Graduate Office. Each student who registers an automobile will receive a serial-numbered parking permit.

The automobile registration fee is five dollars annually.

**Inclement Weather.** It is always a problem to notify students whether a class will meet during inclement weather. This procedure will be followed: Each instructor will use his discretion regarding the meeting of his class when poor weather conditions prevail or are predicted. He will provide the members of his class with a telephone number at which he can be reached between 5:00 and 6:00 p.m. prior to the scheduled meeting of the class at 7:00 p.m. to convey his decision. For this information students should NOT call the College switchboard or the Graduate Office. In extraordinary cases when it is necessary to cancel all classes, this information will be announced over WTIC and WHCN.

## General Information

### HISTORY

Trinity College was founded in 1823 as Washington College. At that time its building stood on land currently occupied by the State Capitol. In 1878 the College was moved to its present location. The English architect William Burges designed the distinctive new campus in the Gothic style. Jarvis and Seabury Halls (completed in 1878) and Northam Towers (1881) were constructed according to his plans.

Trinity may have awarded its first Master of Arts degree as early as 1829, according to existing, hand-written records. The beginning of the graduate program dates back to 1888. The Evening Graduate Program was initiated in 1927. At that time women were formally admitted to the Master's program. Over the past ten years Trinity has granted an average of 90 Master's degrees each Commencement.

### CAMPUS FACILITIES

Trinity provides a wide variety of facilities for activities, studying, and recreation.

#### *The Trinity College Library*

Graduate study is possible only where there is a fine library. Trinity's collection of more than 570,000 volumes including 80,000 government documents, housed in a modern structure embodying the latest in library construction theory and method, provides exceptional opportunities for graduate study. The Library adds approximately 10,000 volumes per year and subscribes to over 1,200 periodicals. The Reference Librarian provides assistance in the use of the Library in connection with term papers and theses.

#### *Academic Year Library Hours*

Monday through Friday, 8:30 a.m. to 12:00 midnight  
 Saturday, 9:30 a.m. to 12:00 midnight  
 Sunday, 12:00 noon to 12:00 midnight

#### *Summer Library Hours*

Effective dates: June 27 through August 5  
 Monday through Friday, 8:30 a.m. to 7:00 p.m.  
 Saturday, 10:00 a.m. to 4:00 p.m.  
 Closed all day Sunday

During vacation periods the Library will post a special schedule of hours.

### ***Library and Identification Card***

Upon registration for courses the student is given a "Receipt and Library Card." This card also identifies the student as currently enrolled in the Graduate program.

***Mather Campus Center*** is the hub of student life. In addition to the dining hall, it contains the "Cave" (a snack-bar and favorite meeting place), several lounges, rooms for meetings and lectures, and the Washington Room (the largest auditorium on campus). Also located in Mather are the College Information Desk, the bookstore, a U.S. Post Office, game and vending machines, and bulletin boards for announcements. Wean Lounge, on the first floor of Mather Campus Center, is especially suitable for use by graduate students as a quiet meeting place.

During the academic year, the Center is open 7:00 a.m. to 1:30 a.m. In the summer the Center closes at 7:00 p.m.

***The Austin Arts Center*** provides central facilities for artistic activities such as drama, music and art. Throughout the year the Center offers concerts, modern dance productions, and dramatic productions in its Goodwin Theatre (named for the late James Lippincott Goodwin, Hon. '63) and exhibitions in the Widener Art Gallery.

***Cinestudio*** is a student-operated cinema which offers a regular schedule of first-run films. It is located in Kriebel Auditorium of the Clement Chemistry Building.

***The Ferris Athletic Center and Trowbridge Memorial*** include squash courts, swimming pool, intramural gymnasium, weight room, and locker and shower facilities. Its facilities, as well as numerous playing fields and tennis courts, are available to all graduate students upon the payment of an annual \$50.00 fee, in lieu of the undergraduate "General Fee" of \$150.00. Arrangements for use of the athletic facilities should be made through Mrs. Clara B. Fish, Assistant to the Director of Athletics.

***The College Chapel***, under the jurisdiction of the Episcopal Church and the direction of the Chaplain, The Reverend Dr. Alan C. Tull, has services on Sundays and weekdays during the academic year. Members of the College community are served by the Chaplain in cooperation with Jewish, Roman Catholic, and Protestant clergy. The Chaplain is also available to all students who desire his assistance in dealing with a wide range of personal concerns.

***The Computer Facility*** at the College, located in the Hallden Engineering Laboratory, is a time-shared system based on a Digital Equipment Corporation PDP-8 computer. Additional terminals are connected to a Dartmouth Time-Sharing computer. Students have free access to both systems at all times, both for course work and to carry out personal projects.

### **ADVISORY SERVICES**

The Graduate Program strives in many ways to offer counseling to its graduate students, either in matters relating to academic pursuits or to more individual concerns. In keeping with its liberal arts focus, Trinity College attempts to relate the

academic pursuits of students to their individual, vocational, and personal requirements. Upon acceptance as a degree candidate, each graduate student is assigned a faculty adviser who assists in the planning of the academic program. In addition both Ivan A. Backer, the Director of Graduate Studies, and Mrs. Carole Lawson, the Administrative Assistant to the Dean of the Faculty, are available for consultation.

*The College Counselors*, Dr. George Higgins and Dr. Randolph Lee, have special training and experience in dealing with developmental and emotional problems, both mild and serious. They are available during their regular office hours to graduate students for consultations leading to referrals. Where appropriate, psychological testing may be utilized under their supervision, and psychiatric and other referrals are also available. All contact with the counselors, both formal and informal, is kept legally confidential, and no information will be given by them to anyone without the student's consent.

*The Director of Career Counseling*, Dr. Christopher J. Shinkman, and the Assistant Director, Jean King, are available to all graduate students for career counseling and assistance in securing employment. The Career Counseling Office maintains a file of available positions, both full and part-time. The office maintains a vocational library with occupational information and graduate and professional catalogues.

## SUMMER TERM RESIDENTIAL FACILITIES

### *Housing*

On-campus housing is available to students registered in the Summer Term. The charge for an on-campus space is \$22 per week. The cost is payable in advance, at the time of registration.

No single accommodations will be available; each apartment will house two to four persons. Air conditioning and full kitchens are included in each apartment, but no kitchen utensils are provided by the College. Resident students must furnish their own linen, pillows, blankets, wastebaskets, and desk lamps, if desired. Linen service will be available. Residents will be expected to arrive on campus between one and eight o'clock of the day preceding the opening of classes, and may pick up room keys at the Mather Campus Center desk. Further information about housing and other aspects of residential life will be provided by the Office for College Residences at the time of check-in. Send all requests for summer housing reservation cards to Summer Housing, Elinor Tilles, Director of College Residences, Trinity College, Hartford, Ct. 06106.

### *Medical Service*

The College nurse will be in the infirmary from 8:30 a.m. to 12 noon and from 1:00 to 4:00 p.m., Monday through Friday. The services rendered by the nurse are somewhat limited, but they are available to all students enrolled in Summer Term programs.

The College physician will be available for consultation in the Medical Office on weekday mornings as needed. The service is limited to resident students. Expense of



any additional medical care will be the responsibility of the student. Visiting students are not covered by the Trinity College group medical insurance, nor are graduate students.

### **Meals**

The cafeteria in Mather Campus Center will be open on a pay-as-you-go basis Monday through Friday, 10:30 a.m. to 6:00 p.m. There are several other eating places within walking distance of the College.

## **CATALOG INFORMATION**

Every effort is made to ensure the accuracy of the information in this catalog, but Trinity College reserves the right to make changes without prior notice. Trinity College provides the information herein solely for the convenience of the reader and, to the extent permissible by law, expressly disclaims any liability which may otherwise be incurred. Courses will be cancelled only due to uncontrollable circumstances, not for lack of adequate enrollments.

## **NOTICE OF NONDISCRIMINATORY POLICY**

Trinity College admits students regardless of sex, and of any race, color, creed, and national or ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students of the College. Trinity College does not discriminate on the basis of sex, race, color, creed or national or ethnic origin in the administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other College-administered programs.

## Departmental Programs

### BIOMEDICAL ENGINEERING

*Graduate Adviser at Trinity College:*

Professor Joseph D. Bronzino

A graduate program leading to the Master of Science in Engineering Science degree utilizing an interinstitutional multi-disciplinary approach, with the degree awarded by the Hartford Graduate Center. The Biomedical Engineering program is designed to provide students with an understanding of the use of specific engineering principles for the study of life systems. This includes, for example, principles of systems analysis, basic mathematical and scientific control theory and the application of mechanics in a medical research or clinical setting. It is recommended that students entering this program have some background in basic biology or organic chemistry.

The program includes the option of participating in the Clinical Engineering Internship Program at various area hospitals. This option provides training at a medical institution concerned with using technology for patient care.

For more information contact the Graduate Adviser.

### CHEMISTRY

*Chairman and Graduate Adviser:*

Professor Edward Bobko

A two-year, full-time program in chemistry leading to the Master of Science degree is offered by Trinity College. It involves course work and an advanced research project leading to a thesis of a character suitable for publication. A reading knowledge of German is required for the Master of Science degree. The Department has a limited number of graduate assistantships open to Master's degree candidates.

Graduation from an accredited college with a major in chemistry is required for admission to this program. Courses taken must include at least one year of general chemistry and one year each of organic, and physical chemistry. One year each of college mathematics (calculus) and college physics are also required.

Students interested in this program should consult the chairman of the Chemistry Department.

There are no evening graduate courses in chemistry.

## ECONOMICS

*Chairman:* PROFESSOR ROBERT A. BATTIS

*Graduate Advisers:* PROFESSORS ROBERT A. BATTIS and WARD S. CURRAN

The Master of Arts program in economics concentrates on the economics of finance, both public and private, and stresses an analytical approach to corporate, governmental and monetary economic problems. Although it is designed primarily for men and women in business and government who view the Master's degree as terminal, the Trinity economics program, augmented by independent study, will provide rigorous training in the fundamentals of the discipline for those students who plan to pursue study in economics beyond the M.A. degree.

Ten courses are required to complete an M.A. degree in economics. Three of these courses constitute a core curriculum usually to be taken in sequence:

501. Microeconomic Theory (prerequisite for all economics courses)

502. Macroeconomic Theory

541. Research Methods

Studies beyond these core courses are intended to meet the particular needs of each student. Three areas of concentration are available; corporate finance, public finance, and money. Three courses are required from these concentrations, two of which must be from the same area.

### *Corporate Finance*

509. Corporate Finance

510. Money and Banking

511. Economics of the Securities Market

### *Public Finance*

505. Fiscal Policy

506. Public Finance

510. Money and Banking

### *Money*

510. Money and Banking

513. Monetary Theory and Policy

515. International Economics

516. International Finance

The remaining four courses are taken as electives, including a thesis or a research project. Electives may be chosen from other economics courses, or students may, with the approval of the Department, choose two electives from related disciplines. Certain management courses offered at the Hartford Graduate Center, and certain economics courses offered at the University of Hartford may be counted toward the degree with the approval of the Graduate Adviser.

A thesis may be written in fulfillment of the final two courses in the program, or students may elect a non-thesis option by taking a ninth course and completing a research project to constitute the tenth course. The subject of the thesis or research

project may be related to problems or concerns related to the candidate's professional responsibilities.

Students who are candidates for admission to the Master's program are expected to have completed substantial undergraduate work in economics. However, students with outstanding undergraduate records and only minimal work in economics have been admitted to the program.

Applicants for candidacy for the Master's degree will normally have their applications reviewed after they have completed Economics 501 and 502. Other graduate students may enroll in courses offered by the Department with permission of the Graduate Adviser and the instructor of the course.

All persons who desire to major in economics, or who merely desire to register in Economics 501, must demonstrate competence to undertake graduate study at this level by passing a qualifying examination. Those who achieve a grade of Distinction in this examination will be exempted from taking Economics 501. Those who do not perform well on this examination should enroll in Economics 500, which is designed for students who need to refresh their understanding of basic economics, or who have had little or no undergraduate training in economics. To enable prospective candidates to enroll in Economics 501 in the Fall of 1977, Economics 500 will be offered during the Summer Session 1977, and the qualifying examination will be administered on Saturday, May 14 at 10:00 a.m. in Williams Memorial 301. The qualifying examination will also be administered on Tuesday, September 6, 1977, at 7:00 p.m. and on Monday, January 16, 1978, at 7:00 p.m. in Williams Memorial 301.\*

### *Courses in the Economics Program*

|  |                                    |
|--|------------------------------------|
| 500. Economic Principles                     | 513. Monetary Theory and Policy    |
| 501. Microeconomic Theory                    | 514. Analysis of Financial Markets |
| 502. Macroeconomic Theory                    | 515. International Economics       |
| 505. Fiscal Policy                           | 516. International Finance         |
| 506. Public Finance                          | 518. Basic Econometrics            |
| 507. Techniques of Public Budgeting Analysis | 541. Research Methods              |
| 509. Corporation Finance                     | 600. Research Project              |
| 510. Money and Banking                       | 621. Independent Study             |
| 511. Economics of the Securities Market      | 651-652. Thesis                    |
| 512. Mathematical Economics                  |                                    |

### *Summer Term, 1977*

**ECONOMICS 500. Economic Principles.** The study of basic economic principles pertaining to the operation of the pricing system, income distribution, national income analysis, monetary and fiscal policy.

This course may be taken for graduate credit but will not be credited toward the requirements for the Master's degree in economics. The course is designed for those who have not previously studied economics and for those who wish to refresh their understanding of basic economics. — **Bellinger** Tuesday and Thursday June 7–July 14 6:30–9:30 p.m.

\* This two-hour examination, basically essay in character, requires analytical and graphical demonstration of competence in microeconomic theory at a level represented by such textbooks as: Leftwich, *The Price System and Resource Allocation*; Due and Clower, *Intermediate Economic Analysis*; and Ferguson, *Micro-Economic Theory* as well as some basic knowledge of macroeconomics at a level represented by such texts as: Samuelson, *Economics*; Reynolds, *Macroeconomics*; *Analysts and Policy* or Lipsey and Steiner, *Economics*.

**ECONOMICS 509. Corporation Finance.** The development of the business unit, working capital management, capital budgeting, cost of capital; portfolio theory; corporation securities; the securities markets; mergers and reorganization. Prerequisite: Economics 501 or permission of the instructor. – **Curran Tuesday and Thursday May 17–June 30 6:30–9:30 p.m.**

**ECONOMICS 510. Money and Banking.** The nature and functions of money; monetary standards; the role and operations of commercial banks; central banking and the Federal Reserve System; the Treasury and the money market; foreign exchange and international finance; monetary theory and policy. Prerequisite: Economics 501 or equivalent. – **Steffanci Tuesday and Thursday May 17–June 30 6:30–9:30 p.m.**

### *Christmas Term – September 1977 to December 1977*

**ECONOMICS 501. Microeconomic Theory.** A study of resource allocation and product distribution in a market system. Market behavior is analyzed in terms of the determinants of demand, the supply conditions of productive services, the logic of the productive process, and the institutional structure of markets. The purpose of the course, required of all students majoring in economics, is to provide rigorous training in fundamental analytical techniques.

All students wishing to enroll in Economics 501 must demonstrate a competence to undertake study in economics at the graduate level by passing a qualifying examination.\* Those who receive a grade of Distinction on this examination will be exempted from Economics 501. Those not qualified to enroll in Economics 501 should enroll in Economics 500. The qualifying examination will be administered in Williams Memorial 301 on Saturday, May 14, 1977 at 10:00 a.m.; on Tuesday, September 6, 1977 at 7:00 p.m.; and on Monday, January 16, 1978 at 7:00 p.m. – **Steffanci Wednesday 7:00–10:00 p.m.**

**ECONOMICS 511. Economics of the Securities Markets.** Application of economic analysis to selected topics relating to securities markets. Among the major subjects developed are: the “efficient market” hypothesis; techniques for the selection of securities; portfolio theory and practice; and an evaluation in terms of cost-benefit analysis of specific topics in regulatory policy. – **Curran Monday 7:00–10:00 p.m.**

**ECONOMICS 515. International Economics.** An analysis of patterns of trade, gains from trade, tariff and non-tariff barriers to trade, adjustment to balance of payments disequilibrium, international factor movements and foreign investment. The role of international institutions and the multinational firm will also be investigated. – **Lindsey Tuesday 7:00–10:00 p.m.**

**ECONOMICS 518. Econometrics.** The formulation and estimation of models; topics include a review of basic concepts and results of statistical inference, single equation regression model, functional forms, problems of estimation, and simultaneous equation models. The computer will be used but no experience necessary. Prerequisite: Economics 501, 502 or permission of the instructor. – **TBA Wednesday 7:00–10:00 p.m.**

**ECONOMICS 600. Research Project.** Conference hours by appointment. *One course credit.* A research project on a special topic approved by the Graduate Adviser and the Supervisor of the project. – **Staff**

**ECONOMICS 621. Independent Study.** Selected topics in special areas by arrangement with the instructor and permission of the Chairman. – **Staff**

**ECONOMICS 651–652. Thesis.** Conference hours by appointment. *Two course credits.* An original research project on a topic approved by the Chairman of the Department and the Supervisor of the project. – **Staff.**

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\* This two-hour examination, basically essay in character, requires analytical and graphical demonstration of competence in microeconomic theory at a level represented by such textbooks as: Leftwich, *The Price System and Resource Allocation*; Due and Clower, *Intermediate Economic Analysis*; and Ferguson, *Micro-Economic Theory* as well as some basic knowledge of macroeconomics at a level represented by such texts as: Samuelson, *Economics*; Reynolds, *Macroeconomics; Analysis and Policy* or Lipsey and Steiner, *Economics*.

**Trinity Term – January 1978 to May 1978**

**ECONOMICS 500. Economic Principles.** The study of basic economic principles pertaining to the operation of the pricing system, income distribution, national income analysis, monetary and fiscal policy, and international trade.

This course may be taken for graduate credit but will not be credited toward the requirements for the Master's degree in economics. The course is designed for those who have not previously studied economics and for those who wish to refresh their understanding of basic economics. – **Bellinger**  
**Tuesday 7:00–10:00 p.m.**

**ECONOMICS 502. Macroeconomic Theory.** An analysis of aggregate income, output and employment which includes the following topics: national economic accounts, theories of consumption, investment and money, Keynesian and Classical models, the monetary-fiscal debate, inflation, unemployment and growth. – **Zannoni** **Wednesday 7:00–10:00 p.m.**

**ECONOMICS 506. Public Finance.** An examination of the Federal budget, of the tax system of the United States, and of Fiscal Federalism, with special reference to the allocation, distribution, and stabilization objectives of specific taxes and expenditures. Analyses of the theory of public goods and of externalities, of private market failure, and of government corrective action. Actual policies will be evaluated in the context of the analytical framework developed in course. Prerequisite: Economics 501. – **Dunn** **Thursday 7:00–10:00 p.m.**

**ECONOMICS 510. Money and Banking.** The nature, significance, and functions of money; monetary standards; the role and operations of commercial banks; central banking and the Federal Reserve System; the Treasury and the money market; foreign exchange; international finance and monetary theory. Prerequisite: Economics 501 or equivalent – **TBA**

**ECONOMICS 514. Analysis of Financial Markets.** This course will emphasize the role of financial institutions in affecting the flow of funds through the money and capital markets. Topics include: the portfolio behavior of financial intermediaries, the yield curve and term structure of interest rates, an analysis of short-term Federal Reserve behavior and its impact on the financial markets, seasonal liquidity patterns and their impact on the financial system, techniques of financial market forecasting, the efficient market hypothesis, and the role of rational expectations. Prerequisite: Economics 501. – **Steffani**  
**Wednesday 7:00–10:00 p.m.**

**ECONOMICS 600. Research Project.** Conference hours by appointment. *One course credit.* A research project on a special topic approved by the Graduate Adviser and the Supervisor of the project. – **Staff**

**ECONOMICS 621. Independent Study.** Selected topics in special areas by arrangement with the instructor and permission of the Chairman. – **Staff**

**ECONOMICS 651–652. Thesis.** Conference hours by appointment. *Two course credits.* An original research project on a topic approved by the Chairman of the Department and the Supervisor of the project. – **Staff**

## EDUCATION

*Acting Chairman and Graduate Adviser:*

ASSISTANT PROFESSOR LEBARON MOSEBY

Graduate study in education is broadly conceived by the Department as providing course offerings of value and interest for elementary and secondary school teachers in service, prospective secondary school teachers, and persons with Master's degrees

who want to extend their graduate education to the sixth year level. The program is also valuable for individuals in other occupations whose work is educational in character and those persons, not professionally concerned with education, who desire to achieve a better understanding of the problems currently facing public and independent schools.

The education program is flexible so that it can be adapted to meet the particular needs of each student. The Department offers three areas of concentration for Master's degree candidates and for those interested in sixth year programs of study. The student may concentrate in one of these areas, combine two of them, or sample from them all.

*Focus on the Learner* – The emphasis is on identifying learning problems which may arise because of learning disabilities, because of social influences beyond the control of the school or the family, or because students are especially able. Special instructional techniques appropriate for particular groups or individuals will be examined.

- 535. Individual Differences and Development
- 536. Educating Gifted Students
- 537. Learning Disabilities

- 580. The Education of the Working Class
- 601A. Individualized Instruction
- 601. Research in Education

*Focus on the Process and Analysis of Instruction* – Instruction is analyzed from several perspectives: The learner's, the teacher's, and the supervisor's. The initiation, content, and measurement and evaluation of the instructional process is considered. The computer courses are offered in cooperation with the Engineering Department.

- 505. Psychology for Instruction
- 521. Instructional Techniques in Theory and Practice
- 524. Secondary School Curriculum
- 576. Issues in Educational Testing
- 581. Developmental Reading in the Secondary School
- 582. The Teaching of English in Secondary Schools

- 583. Theories of Motivation Applied to Instruction
- 585. Computer Programming and the Teacher
- 586. Computers in Mathematics and Science
- 601A. Supervisory Practices for Improving Teacher Effectiveness
- 601. Research in Education

*Focus on Basic Issues in Education* – A broad-gauged examination of fundamental problems in education. Current and perennial issues are examined from the vantage points of history, philosophy, sociology, and psychology.

- 501. History of Education
- 502. Philosophies of Education
- 507. School and Society
- 526. The Content of Education: Issues in the Philosophy of Curriculum

- 601A. Comparative Education
- 601B. Public Policy and Education
- 602B. Value Theory in Education

*Independent Studies can be arranged in the following areas:*

- Christopherson: Bi-Lingual/bi-cultural education; Learning from written materials
- R. Goodenow: Historical and philosophical issues in education

**Moseby:** Moral education; Affective education; Schools and Social change; Adolescence and education

**Schultz:** Social class and education; Psychology applied to instruction; Learning from written materials

**Staff:** Skills for teacher conducted research

Trinity is approved for the preparation of teachers of academic subjects in public junior and senior high schools in Connecticut. The certification program will also meet the requirements of 28 other states. Students desiring to prepare for secondary certification must be approved candidates for the Master's degree (in education or some other subject). Most of the education courses required for certification can be credited toward the Master's degree. One exception is Education 491-492, Student Teaching, which is not awarded graduate credit. Those interested in certification should consult the Department Chairman concerning the details of state requirements.

Candidates for the Master of Arts degree with a major in education may combine course work in education with course work in other departments with the prior approval of their adviser. At least five courses must be taken in the Education Department. Either eight course credits and a thesis (Education 651-652) or ten course credits plus a Comprehensive Examination are required for the degree.

Courses in education are available in both the summer term and during the academic year. To enable candidates studying only in the summers to complete the requirements for the Master's degree in a minimum of four summers, courses will be available on an alternating basis.

### *Summer 1977 – June 27 to August 5*

**EDUCATION 505. Psychology for Instruction.** A course on psychological theories and concepts which are important for instruction including behavior modification, social learning theory, instructional technology, social processes, motivation, problem solving, attitude formation and transfer. – **Fink** Monday, Tuesday, Thursday, Friday 12:30-2:00 p.m.

**EDUCATION 521. Instructional Techniques in Theory and Practice.** In this course teachers will examine their present teaching methods and explore alternatives to them. Participants will prepare micro-lessons which will be video-taped for later analysis. Observation skills will be strengthened by using several procedures for recording classroom interaction. Different models of teaching and their underlying assumptions will be introduced and used as a basis for the preparation and teaching of lessons. – **Schultz** Monday, Tuesday, Thursday, Friday 2:15-3:45 p.m.

**EDUCATION 583. Theories of Motivation Applied to Instruction.** Although some attention will be given to theories based on reinforcement, major emphasis will be devoted to "intrinsic" motivation as represented by selected cognitive approaches. Research related to each theory will be examined and the applicability of the theory to the instructional setting will be assessed. – **Schultz** Monday and Wednesday 7:00-10:00 p.m.

**EDUCATION 601A. Seminar: Game Design in Education.** This course will focus on the use of game design in the classroom. Participants will learn the techniques and devices that are used in game construction. Each participant will have the opportunity to design, play and evaluate several kinds of games which relate to their field of teaching. The course will consider the rationale and assessment of games as an instructional technique. Offered jointly with St. Joseph College. – **De Koven** Monday, Tuesday, Thursday, Friday 4:00-5:30 p.m. at St. Joseph College McDonough 109



**EDUCATION 601B. Seminar: The Facilitation of Social Processes in the Classroom.** This course will conceptualize the social dynamics of the classroom as a gaming process. Using the model of games, participants will explore techniques for facilitating positive learning environments. Offered jointly with St. Joseph College. – **De Koven Tuesday and Thursday 7:00–10:00 p.m. at Trinity**

**EDUCATION 602A. Seminar: Pluralism in Education.** The purpose of the course is to acquaint students with the challenges cultural diversity and cultural pluralism pose for American society and education. A framework will be examined for addressing the basic issues and topics of assimilation, amalgamation, and the “melting pot” and how these bear on present schooling endeavors. In essence, the course is an exercise in general theory construction and the application and development of theory to cultural pluralism in American education. – **Pratte Monday, Tuesday, Thursday, Friday 8:30–10:00 a.m.**

**EDUCATION 602B. Seminar: Independent Schools: Historical Perspective and Future Prospects.** This course traces the historical inception, development, function and role of the independent school in American education. An historical perspective is employed in order to depict the distinctive features of the independent school movement as an integral part of the elements of American schooling. Major trends and developments will be analyzed and the central issue addressed is the historical as well as the contemporary role of the independent school in creating and sustaining a viable alternative schooling system. – **Pratte Monday, Tuesday, Thursday, Friday 10:30–12:00 noon**

**EDUCATION 602C. Seminar: Movement Discovery in Learning and Interaction.** This intensive three week seminar explores movement as a medium of expression and communication and its application to the teaching-learning process. The course is geared primarily to primary and secondary school teachers, counselors and social workers. Through readings, films and actual movement explorations, participants will investigate the theoretical foundations of movement education and its implications for creative problem solving, group interaction, and affective education. – **Dworin and Saltzman Monday, Tuesday, Wednesday, Thursday, Friday July 11 – July 29 9:00–12:00 noon plus special lab Wednesday 1:00–3:00 p.m.**

### *Christmas Term – September 1977 to December 1977*

**EDUCATION 491–492. Student Teaching.** May not be taken for graduate credit. *Two undergraduate course credits.* A laboratory course of supervised observation and teaching experience in cooperating secondary schools in the Capital Area. The course also includes a series of seminar sessions. The student should be able to spend a full day at the secondary school for a period of at least nine weeks and must ordinarily observe or teach approximately 140 school periods. Prerequisites: approval as a candidate for the Master’s degree and completion of six semester hours of study in education at Trinity College including Education 521. Enrollment is limited and permission of the Chairman of the Department and of the instructor is required. Additional fee: \$10.00. – **R. Goodenow and Staff**

**EDUCATION 501. History of Education.** A study of the basic ideas, institutions, and practices of contemporary education in the light of their historical development from the earliest times to the present. The student will be required to read selected primary sources – chiefly from the classics of educational literature – in order to assist him in interpreting and reconstructing the history of educational thought. – **R. Goodenow Wednesday 7:00–10:00 p.m.**

**EDUCATION 505. Psychology for Instruction.** A course on psychological theories and concepts which are important for instruction including learning, motivation, cognitive development, and social processes. – **Christopherson Monday 7:00–10:00 p.m.**

**EDUCATION 521. Instructional Techniques in Theory and Practice.** In this course teachers will examine their present teaching methods and explore alternatives to them. Participants will prepare micro-lessons which will be video-taped for later analysis. Observation skills will be strengthened by using several procedures for recording classroom interaction. Different models of teaching and their underlying assumptions will be introduced and used as a basis for the preparation and teaching of lessons. – **Moseby Tuesday 7:00–10:00 p.m.**

**EDUCATION 581. Developmental Reading in the Secondary School.** Students will study the psychological bases of reading and reading instruction. Relevant theory and research in cognition, perception, language, learning and motivation will be explored. Students will spend 20 hours during the term observing and tutoring reading. Students will also have the opportunity to observe their own teaching through video-taped exercises and to work with reading pacers and controlled readers. Open to all interested students. (Required of all English majors wishing to teach in public schools.) – **Christpherson Thursday 4:00–7:00 p.m.**

**EDUCATION 582. The Teaching of English in Secondary Schools.** The nature and scope of literary study and reader response will be explored both theoretically and practically as guides to curriculum design, course content, teaching methods, and interdisciplinary innovation. In order to negotiate the “bridge” between *studying* English and *teaching* English, students will design, teach and analyze a variety of video-taped “micro-teaching” lessons. Required of all English majors wishing to teach in public schools, but open to all interested students. – **Moseby and Staff Tuesday 7:00–10:00 p.m.**

**EDUCATION 601A. Seminar: In Search of Educational Equity – The Role of the State.** Connecticut State Education Commissioner and Deputy examine key problems and issues involved in the search for equity in a state with a widely diverse student population. The focus of discussion is centered on the role and responsibility of the State in developing strategies for educational improvement. Topics will include: School finance equalization, education in the cities, federal encroachment, accountability, the legislative and judicial processes that bear on educational equity and improvement, and the question of who governs education, the layman or the professional. – **Shedd and Horoschak Thursday 7:00–10:00 p.m.**

**EDUCATION 651–652. Thesis. Two course credits.** The preparation of a comprehensive paper representing an original solution to a clearly-defined, significant educational problem. Registration for this course must be accompanied by written permission from the Chairman of the Department. Prerequisite: Education 601: Research in Education. See *Degree Requirements*. – **Moseby and Staff Conference hours by appointment.**

### *Trinity Term – January 1978 to May 1978*

**EDUCATION 491–492. Student Teaching.** May not be taken for graduate credit. *Two undergraduate course credits.* A laboratory course of supervised observation and teaching experience in cooperating secondary schools in the Capital Area. The course also includes a series of seminar sessions. The student should be able to spend a full day at the secondary school for a period of at least nine weeks and must ordinarily observe or teach approximately 140 school periods. Prerequisites: approval as a candidate for the Master’s degree and completion of six semester hours of study in education at Trinity College including Education 521. Enrollment is limited and permission of the Chairman of the Department and of the instructor is required. Additional fee: \$10.00. – **R. Goodenow and Staff**

**EDUCATION 535. Individual Differences and Development.** A study of individual differences in aptitudes, personality and achievement. Consideration will be given to the genetic, environmental and developmental origins of these differences. Emphasis will be on the importance of these differences for education. Not open to students who have taken Education 503 or 504. – **Christpherson Thursday 7:00–10:00 p.m.**

**EDUCATION 536. Educating Gifted Students.** A comprehensive study of major conceptions of giftedness, psychological research, neglected giftedness, teaching methods, programs, and guidance. Connecticut programs for the gifted will be explored. – **Christpherson Monday 7:00–10:00 p.m.**

**EDUCATION 602A. Seminar: The Crisis in Basic Skills—A Social and Pedagogical Examination.** This course will examine the current interest in basic education from two interrelated perspectives. First, it will explore the sources and nature of the “back to basics” movement in American education and will evaluate the extent to which the real or perceived decline in basic skills legitimately can be considered a crisis. Secondly, the course will consider various teaching methods for strengthening basic skills, especially writing. – **C. Goodenow Tuesday 7:00–10:00 p.m.**

**EDUCATION 602B. Seminar: Teacher Negotiation.** An examination of the major historical, social, economic and legal factors that led to the collective bargaining movement among American classroom teachers in the 1960's and 1970's. The seminar will also examine the structure and practices of collective bargaining in education and their impact on personnel policies, educational quality, innovation and public policy. - **Bornstein Wednesday 7:00-10:00 p.m.**

**EDUCATION 651-652. Thesis. Two course credits.** The preparation of a comprehensive paper representing an original solution to a clearly-defined, significant educational problem. Registration for this course must be accompanied by written permission from the Chairman of the Department. Prerequisite: Education 601: Research in Education. See *Degree Requirements*. - **Moseby and Staff Conference hours by appointment.**

## ENGLISH

*Chairman and Graduate Adviser:* PROFESSOR PAUL SMITH

Graduate courses in English at Trinity are designed for persons with a background of study in English who have a professional or personal interest in pursuing advanced work, usually leading to the M.A. degree. Although the majority of students are teachers of English in secondary schools, the program is open to all interested and qualified persons.

A student is expected to have completed an undergraduate major in English, or its equivalent in English courses, to the extent of eight course credits (24 semester hours or credits) exclusive of freshman English, speech, or journalism. Students applying for candidacy for the degree of Master of Arts should meet the above requirements with a grade average of at least B or 80. All students beginning graduate courses in English at Trinity for the first time, regardless of whether or not they intend to apply eventually for degree candidacy, must have their academic credentials reviewed by the Graduate Office prior to registration; an average of at least B is usually required. Candidates for degrees in other fields who have had 15 hours of English may be admitted to English courses by permission of the Chairman.

Candidates are required to take a total of ten courses, of which eight must be in the Department. Outside the Department, candidates may take graduate courses in history, linguistics, philosophy, religion, or a foreign language or literature.

The Department of English offers two alternative programs of courses leading to the M.A. in English, as follows:

*Program I. Required Courses:*

English 553 or 554. *The Study of English*

A Literary History Course

A Genre Course

A Course in a Major Author (Note: The course may not duplicate one taken to satisfy the requirements above.)

Four Elective Courses

English 651-652. *Thesis*

*Program II. Required Courses:*

English 553 or 554. *The Study of English*

# Registration

Students are urged to register early as enrollment in most courses is limited. Students are registered in courses in the order in which registrations are received. Registration by mail is possible by sending the completed registration cards with your check to the Graduate Office.

PLEASE PRINT ON ALL FORMS

COLLEGE LAST ATTENDED \_\_\_\_\_

DATES OF ATTENDANCE \_\_\_\_\_

PERMANENT ADDRESS \_\_\_\_\_

EMPLOYED BY \_\_\_\_\_

CITIZEN OF WHAT NATION? \_\_\_\_\_

UNDER G.I. BILL?  Yes (Contact V.A. counselor in Registrar's Office each semester to request certification of student status.)

No

NAME AND ADDRESS OF PERSON TO NOTIFY IN CASE OF EMERGENCY

Name

Phone

Address



# Graduate Advising and Registration Session

Students wishing to meet with their adviser may do so by appointment or at special advising evenings scheduled on:

September 6 – 7:00–9:00 p.m.

January 16 – 7:00–9:00 p.m.

Graduate advisers will be in their offices during these times for consultation.

Students who wish to do so may register in the Graduate Office following their consultation.

Non-matriculated students who are in doubt concerning their eligibility to register for certain courses should plan to meet with the appropriate graduate advisers at the times indicated above.

## PAYMENT OF CHARGES

CHRISTMAS TERM

TRINITY TERM

SUMMER TERM

MISS  
MRS.  
MS.  
MR.

\_\_\_\_\_ (PLEASE PRINT)  
Last First Middle

ADDRESS \_\_\_\_\_  
Street City State Zip Code

|   | CHRISTMAS | TRINITY | SUMMER |
|---|-----------|---------|--------|
| REGISTRATION FEE (\$10 each term)         | _____     | _____   | _____  |
| LATE PENALTY                              | _____     | _____   | _____  |
| TUITION (\$220 per course)                | _____     | _____   | _____  |
| LABORATORY FEE(S)                         | _____     | _____   | _____  |
| AUTOMOBILE REGISTRATION<br>(\$5 annually) | _____     | _____   | _____  |
| TOTAL CHARGES                             | _____     | _____   | _____  |
| PAYMENT ENCLOSED                          | _____     | _____   | _____  |
| BALANCE DUE                               | _____     | _____   | _____  |

## AUTOMOBILE REGISTRATION

 CHRISTMAS TERM

 TRINITY TERM

 SUMMER TERM

TRINITY COLLEGE PARKING PERMIT NO.

 MISS  
MRS.  
MS.  
MR.

 PLEASE  
PRINT

Last

First

Middle

ADDRESS

Street

City

State

Zip Code

| YR. | MAKE | BODY STYLE | COLOR | STATE | LICENSE PLATE NO. |
|-----|------|------------|-------|-------|-------------------|
|     |      |            |       |       |                   |

TRINITY COLLEGE, HARTFORD, CONNECTICUT 06106

## Automobile Registration

All students who bring automobiles to the campus must file an automobile registration card with the Graduate Office. Each student who registers an automobile will receive a serial-numbered parking permit.

The registration fee will be five dollars annually.

Trinity College appreciates the cooperation and courtesy shown to one another by students, staff, faculty and friends who observe the established rules and regulations. The rules were put into effect in order to assure the safety of the community and to control the very limited parking facilities available.

Violations of these rules cause inconvenience and even can be dangerous to the best interests of all.

Students are requested to cooperate by keeping the use of motor vehicles on campus at an absolute minimum.

Please be sure you have a copy of "Your Motor Vehicle on Campus."

A Literary History Course

A Genre Course

A Course in a Major Author (Note: The course may not duplicate one taken to satisfy the requirements above.)

Five Elective Courses

English 653 or 654: Seminar Essays

The last five courses may be taken consecutively or concurrently. For three of them, the student writes an extended paper *in addition* to the papers regularly assigned in the course. These three extra papers are to be related to a general topic proposed by the student and approved by the Department *before* taking the last three courses. (Example: A student might elect to take courses in *Chaucer*, *Narrative Poetry*, and *Satire*, with three papers related to the general topic of Chaucer's narrative satires, written under the guidance of a member of the Department.) After successful completion of the three papers, the student receives one course credit for English 653 or 654.

Students who wish to establish special programs or meet certain professional requirements may, with the approval of the Chairman and the Departmental Committee on Graduate Studies, take a limited number of 300- or 400-level English courses with additional assignments for graduate credit.

At times the Department offers teaching assistantships to a few graduate students, usually those with experience in teaching expository writing and the subject matter of a particular 100- or 200-level course. For further information call the Department Chairman during the week prior to the beginning of the undergraduate term.

### *Courses in the English Program*

Each course has two numbers: odd for first term, even for second.

|   |   |
|---|---|
| 511, 512. Studies in Literary History                       | 531, 532. Studies in Genre              |
| 513, 514. Studies in Medieval Literature                    | 533, 534. Studies in Drama              |
| 515, 516. Studies in Renaissance Literature                 | 535, 536. Studies in Fiction            |
| 517, 518. Studies in Seventeenth Century Literature         | 537, 538. Studies in Poetry             |
| 519, 520. Studies in Eighteenth Century Literature          | 541, 542. Major Author                  |
|   | 543, 544. Chaucer                       |
|   | 545, 546. Shakespeare                   |
|   | 547, 548. Milton                        |
| 521, 522. Studies in Nineteenth Century British Literature  | 551, 552. Studies in Linguistics        |
| 523, 524. Studies in Nineteenth Century American Literature | 553, 554. The Study of English          |
| 525, 526. Studies in Twentieth Century British Literature   | 555, 556. Studies in Literary Criticism |
| 527, 528. Studies in Twentieth Century American Literature  | 561, 562. Studies in Ideas              |
| 529, 530. Studies in Contemporary Literature                | 563, 564. Independent Reading           |
|   | 651-652. Thesis                         |
|   | 653, 654. Seminar Essays                |

### *Summer 1977 – June 27 to August 5*

**ENGLISH 511. Studies in Literary History: Symbolists and Decadents.** A study of the Symbolist tradition in poetry (from Poe through Baudelaire, Mallarmé, and Verlaine to Rossetti, Hopkins, Yeats,



Eliot, Stevens, and Lowell), in fiction (Huysmans, Conrad, Joyce, and Woolf), and in drama (Wilde and Strindberg). (Literary History requirement). – **Kuyk Monday, Tuesday, Thursday, Friday 1:30-3:00 p.m.**

**ENGLISH 512. Studies in Literary History: The Romance.** A study of the formal and thematic elements of the romance narrative; readings in Anglo-Saxon, Medieval, Renaissance, and Romantic narrative poetry and nineteenth- and twentieth-century fiction. (Literary History requirement). – **Smith Monday and Wednesday 7:00-10:00 p.m.**

**ENGLISH 531. Studies in Genre: Satire.** British, American, and European satirists, with particular reference to Swift, Dryden, Voltaire, Cervantes, Byron, Vonnegut, Shaw, and Waugh. One of the requirements of the course will be the writing of an original satire. (Genre requirement). – **Dando Tuesday and Thursday 7:00-10:00 p.m.**

**ENGLISH 532. Studies in Genre: Comedy.** A study of representative comedies and theories of comedy from classical times to the present. (Genre requirement). – **Kuyk Monday, Tuesday, Thursday, Friday 3:30-5:00 p.m.**

**ENGLISH 545. Shakespeare.** An intensive study of twelve plays including histories, comedies, tragedies, with an emphasis on language, dramatic structure, production, and criticism. (Major Author requirement). – **Dando Monday, Tuesday, Thursday, Friday 9:00-10:30 a.m.**

**ENGLISH 553. Study of English.** A seminar in some of the theoretical systems of linguistics, rhetoric, and criticism (e.g. those of Noam Chomsky, Kenneth Burke, and Northrop Frye) and their implications for the study and teaching of language and literature. – **Smith Monday, Tuesday, Thursday, Friday 11:00 a.m.-12:30 p.m.**

**ENGLISH 563. Independent Reading.** Students wishing to enroll in three graduate courses during the summer term may apply for one Independent Reading course in addition to two regularly scheduled courses. This course should be arranged with a summer session faculty member, approved by the Chairman, and begun as early in the summer as possible. The course may be extended beyond the end of the summer session but must be completed before September 15. – **Staff**

**ENGLISH 603. The Art of Cinema.** A critical examination of the comic genius of filmmakers Buster Keaton and Charlie Chaplin, and the comic macabre art of the master of suspense: Alfred Hitchcock. In addition to their literary value, feature films and selected shorts will be examined for their contributions to and influence on the artistic growth in cinema. Film fee \$25. – **Andrews Monday 10:30-12:00 noon, Tuesday, Thursday, Friday 8:30-12:00 noon**

**ENGLISH 651-652. Thesis.** Conference hours by appointment. *Two course credits.* Proposals for theses must be submitted by June 1 for assignment of an adviser. See *Degree Requirements* and separate English Department statement. – **Smith and Staff**

### *Christmas Term – September 1977 to December 1977*

**ENGLISH 517. Studies in Seventeenth Century Literature: Poetry and Drama.** An exploration of the interaction between literary and cultural history in the century of the English Revolution. Attention will be focused on the poetry and plays of Shakespeare, Donne, Jonson, Webster, Marvell, Milton, and Dryden. (Literary History requirement). – **Riggio Tuesday 7:00-10:00 p.m.**

**ENGLISH 541. Edgar Allan Poe.** A detailed study of the fiction, poetry, and literary criticism of Edgar Allan Poe, which will include a consideration of Poe's biography, his historical context, and his significance for his time and ours. (Major Author requirement). – **Benton Thursday 7:00-10:00 p.m.**

**ENGLISH 553. Study of English.** A seminar in some of the theoretical systems of linguistics, rhetoric, and criticism (e.g., Noam Chomsky, Kenneth Burke, and Northrop Frye) and their implications for the study and teaching of language and literature. – **Wheatley Monday 7:00-10:00 p.m.**

**NOTE:** A fourth course will be offered on Wednesdays. Topic to be announced.

**ENGLISH 564. Independent Reading.** A limited number of tutorials for students wishing to pursue special topics not offered in the graduate program; applications should be submitted to the Department Chairman prior to registration. – **Smith and Staff**

**ENGLISH 651–652. Thesis.** Conference hours by appointment. *Two course credits.* Proposals for theses must be submitted by October 1 for assignment of an adviser. The course must be completed during the academic year in which it is begun. See *Degree Requirements* and separate English Department statement. – **Smith and Staff**

### *Trinity Term – January 1978 to May 1978*

**ENGLISH 512. Studies in Literary History: Realism and Naturalism.** An examination of the fiction, drama, and theories of realism and naturalism. Readings will include Zola, Balzac, Tolstoi, James, Hemingway, Joyce, Gorki, Ibsen, Dreiser, George Eliot, Norris, Crane, and Sherwood Anderson. (Literary History requirement). – **Kuyk Wednesday 7:00–10:00 p.m.**

**ENGLISH 534. Studies in Drama: Self and Theater in Modern Drama.** The analysis of theatrical form in light of contemporary theories of identity and role playing. Readings in Laing, Lichtenstein, Chekhov, Pirandello, Williams, O'Neill, Camus, Genêt, Stoppard, Shaffer, and critical studies. (Genre requirement). – **Hunter Monday 7:00–10:00 p.m.**

**ENGLISH 542(a). Charles Dickens.** A study of Dickens' novels in relationship to comparable works of the 19th century, with particular reference to *Crime and Punishment* and *Madame Bovary*. Film adaptations of some of the novels will be shown. (Film fee \$12.) Enrollment limited to 20. (Major Author requirement). – **Dando Tuesday 7:00–10:00 p.m.**

**ENGLISH 542(b). Ernest Hemingway.** A study of the major novels and short stories, including readings in biographical and critical works. (Major Author requirement). – **Smith Thursday 7:00–10:00 p.m.**

**ENGLISH 563. Independent Reading.** A limited number of tutorials for students wishing to pursue special topics not offered in the graduate program; applications should be submitted to the Department Chairman prior to registration. – **Smith and Staff**

**ENGLISH 651–652. Thesis.** Conference hours by appointment. *Two course credits.* Proposals for theses must be submitted for assignment of an adviser. The course must be completed during the academic year in which it is begun. See *Degree Requirements* and separate English Department statement. – **Smith and Staff**

## HISTORY

*Chairman:* ASSOCIATE PROFESSOR BORDEN W. PAINTER, JR.

*Graduate Adviser:* PROFESSOR GLENN WEAVER

The Master's degree with a major in history is designed to follow an undergraduate concentration in history. Candidates must complete at the graduate level a minimum of ten courses, at least eight of which must be in history, including History 651–652: *Thesis.* Students may, with the permission of the Graduate Adviser, take 300 or 400 level history courses for graduate credit. Particularly appropriate for graduate students are the senior level seminars, History 401, 402, 403–404, 405, 406. Students with extensive preparation in history may be permitted by their adviser to select two courses in another department. The thesis is the final project of all candidates.

Courses in history are available both during the Summer Term and the regular academic year.

*Courses in the History Program*

- |                                       |  |
|---------------------------------------|--|
| 505. Greece, 594 to 338 B.C.          | 551. The Colonial Period in American History           |
| 506. Greece, 338 to 200 B.C.          | 552. The American Revolution and Early National Period |
| 507. The Roman Republic               | 553. Civil War and Reconstruction                      |
| 508. The Roman Empire                 | 555. America in the Age of Uneasy Nationalism          |
| 515. Renaissance Europe               | 557, 558. Selected Themes in American History          |
| 516. Reformation Europe               | 561, 562. United States as a World Power               |
| 521, 522. European Diplomatic History | 564. The Age of Reform                                 |
| 523. European Historiography          | 565. Theodore Roosevelt and His Era                    |
| 525, 526. England                     | 566. Era of Woodrow Wilson                             |
| 527. Twentieth Century Britain        | 567. America Between the Wars                          |
| 530. Modern Japan                     | 581. China in Revolution                               |
| 532. Modern Europe                    | 582. China/U.S. Relations                              |
| 533. Critique of the Liberal Idea     | 599. Tutorial  |
| 535. Germany, 1848-1945               | 601, 602. Seminars: Various Topics                     |
| 537. Modern Italy                     | 651-652. Thesis  |
| 539. Italian and European Fascism     |  |
| 541, 542. Russia                      |  |
| 546. Modern Jewish History            |  |
| 550. New England                      |  |

Students interested in arranging tutorials for graduate study should discuss specific subjects with an appropriate member of the History Department. The following list gives the general fields covered by each member of the Department. More specific information is available from the Department.

- Philip Bankwitz: Modern France and Europe  
 Thomas Champ: United States; Afro-American  
 George Cooper: England, 18th to 20th Centuries  
 Eugene Davis: Ancient History  
 Norton Downs: Medieval Europe  
 Samuel Kassow: Modern Germany and Russia  
 Eugene Leach: United States  
 Borden Painter: Renaissance and Reformation Europe, Tudor and Stuart England, Modern Italy  
 Edward Sloan: United States; Maritime History  
 J. Ronald Spencer: United States  
 H. McKim Steele: Africa, Middle East  
 Glenn Weaver: United States (Colonial to Early 19th Century)  
 James West: Russia

*Summer 1977 – June 27 to August 5*

**HISTORY 532. Modern Europe, 1870-1945: The Crisis of the European State System.** The course will examine the rise of Germany, the problems of the European liberal order, World War I, Communism and Fascism, and the implications of World War II. – **Kassow** Tuesday and Thursday 6:30-9:30 p.m.

**HISTORY 563. America's First Age of Reform.** The course will examine the multifaceted pre-Civil War "reform impulse"; the peace movement and the common school movement; the temperance movement; feminism; evangelicalism; the quest for "humane" treatment of the criminal and the insane; and

finally, a close study of the abolitionist movement. – **Chatfield** **Monday and Wednesday** **6:30–9:30 p.m.**

**HISTORY 583. The Development of Communism in China.** This course will survey the rise of Chinese Communism from 1921 to the present. The Communist Party's political and military competition with the Kuomintang, the emergence of Chinese nationalism, conditions in the countryside which contributed to the spread of Communism, the phenomenon of rural revolution and the post-1949 reorganization of traditional Chinese society will be topics emphasized. – **Lestz** **Tuesday and Thursday** **6:30–9:30 p.m.**

### *Christmas Term – September 1977 to December 1977*

**HISTORY 525. England from the Glorious Revolution to 1815.** The economic, social, and political foundations of the power of the governing class, and an investigation of the relationship between literature and society of the Georgian period. – **Cooper** **Wednesday** **7:00–10:00 p.m.**

**HISTORY 556. The Gilded Age, 1865–1900.** The transformation of the United States into an urban-industrial nation, with special attention to the social and cultural effects of industrialization. The course will begin by examining Reconstruction, but will concentrate on the years after 1877. Extensive readings in original source materials, including several novels, as well as in narrative and analytic histories. – **Leach** **Tuesday** **7:00–10:00 p.m.**

**HISTORY 601. American Historiography.** Special topics in the literature of American history, method and techniques of research. – **Weaver** **Thursday** **7:00–10:00 p.m.**

**HISTORY 599. Tutorial.** Selected topics in special areas and periods by arrangement with the instructor and permission of the Chairman. – **Staff**

**HISTORY 651–652. Thesis.** *Two course credits.* Investigation and report of an original research topic. Registration for this course must be accompanied by written permission of the Chairman of the Department. – **Painter and Staff**

### *Trinity Term – January 1978 to May 1978*

**HISTORY 505. Greece 594 B.C. to 338 B.C.** A study of the political, economic, and social development of Greece from Solon to the loss of Greek independence after Chaeronea, with especial emphasis on the growth of democracy at Athens. – **Davis** **Thursday** **7:00–10:00 p.m.**

**HISTORY 542. Russia and the West, 1600–1900.** The course will investigate the penetration of Western influences into Russia beginning in the seventeenth century, the Russian response to the gradual diffusion of European culture and technology, and the role of these alien influences in shaping the course of modern Russian history through the last century. – **West** **Tuesday** **7:00–10:00 p.m.**

**HISTORY 551. The Colonial Period in American History.** A social and cultural history emphasizing the intellectual, religious, and economic developments. – **Weaver** **Thursday** **7:00–10:00 p.m.**

**HISTORY 555. America in the Age of Uneasy Nationalism.** An examination of the United States from 1815 into the 1850's in terms of two historical problems: the concept of nationalism as applied to the American experience; and the application of alternative explanation-forms, or paradigms, to this particular segment of the American past. Topics for reading and group discussion will include economic and technological developments, expansionism, varieties of social reform, political tensions, the Constitution and the Supreme Court, and the intensification of sectional rivalries with emphasis on the role of the South. – **Sloan** **Wednesday** **7:00–10:00 p.m.**

**HISTORY 599. Tutorial.** Selected topics in special areas and periods by arrangement with the instructor and permission of the Chairman. – **Staff**

**HISTORY 651-652. Thesis.** *Two course credits.* Investigation and report of an original research topic. Registration for this course must be accompanied by written permission of the Chairman of the Department. - Painter and Staff

## LATIN LITERATURE AND CLASSICAL CIVILIZATION

*Chairman and Graduate Adviser:* PROFESSOR JOHN C. WILLIAMS

The uniqueness and strength of the program leading to the Master of Arts degree in Latin Literature and Classical Civilization lie in the fact that it combines graduate training of high professional quality in the classical languages and literatures, while at the same time being designed primarily to meet the needs of secondary teachers who are not in a position to enroll in a full-time, year-round graduate school. The student thus enjoys advanced instruction in the languages and literatures through course offerings that are chosen and treated in such a way as to be of direct benefit to him in the classroom. The program, moreover, is available to any person who is qualified and interested in doing advanced study in Latin and classical civilization.

To be eligible as a candidate in this program, an applicant must meet the general requirements for acceptance as a candidate for the Master's degree and show evidence of possessing sufficient competency in Latin to undertake study of the subject at the graduate level.

A candidate for the Master of Arts degree must complete a total of ten courses. A minimum of five courses involving analytical and interpretive reading of Latin authors in the original must be included in a candidate's program of study.

In addition, all degree candidates are required to complete successfully Latin 601-602: *History of Latin Literature*. This course (two course credits) should be taken at the end of a student's program of study.

The balance of a candidate's program, three courses, may include additional study in Latin literature, Greek, Greek and Roman history, classical civilization, or linguistics.

Because a major goal of the program is to increase facility in reading Latin, a diagnostic sight-reading test will be offered each year and required of all candidates in residence. This one-hour test will be given the second Wednesday of the Summer Term. The results of these tests will not be recorded in the student's permanent record, but will serve as a guide for strengthening his command of the language. Groups of students and faculty often meet for informal, voluntary reading aloud of plays and orations in Latin, to provide further experience with the language outside the classroom.

Each candidate is required to pass a Comprehensive Examination. Under special circumstances and with permission of the Department Chairman, particularly well-qualified students will be permitted to substitute a thesis for the Comprehensive Examination. All candidates, however, must pass the sight translation section of the Examination.

The Comprehensive Examination is administered ordinarily once each year in August. Students planning to sit for the examination should notify the Graduate Adviser in writing no later than the beginning of the second week of the term of the summer in which they expect to take the Examination.

The graduate courses in Latin and Classical Civilization are offered in the Summer Term only. However, candidates may take 300 or 400 level courses in Greek and Roman history and linguistics with additional assignments for graduate credit.

*Courses in the Classics Program*

*Studies in Latin Literature*

- |  |                            |
|--|----------------------------|
| 501. Plautus and Terence                         | 509. Lucretius             |
| 502. Catullus and Horace                         | 510. The Roman Love Elegy  |
| 503. Cicero                                      | 511. Roman Satire          |
| 504. Livy  | 512. Ovid                  |
| 505. Vergil: the <i>Aeneid</i> , Books I-VI      | 513. Tacitus               |
| 506. Vergil: the <i>Aeneid</i> , Books VII-XII   | 514. Medieval Latin        |
| 507. Vergil: <i>Eclogues</i> and <i>Georgics</i> | 521, 522. Special Readings |
| 508. Caesar and Sallust                          |                            |

*Required Seminar*

- 601-602. History of Latin Literature

*Greek*

- |                           |                             |
|---------------------------|-----------------------------|
| 101-102. Elementary Greek | 202. Homer                  |
| 201. Greek Prose          | 301, 302. Advanced Readings |

*Classical Civilization*

- |                           |                        |
|---------------------------|------------------------|
| 201. Classical Humanities | 502. Roman Archaeology |
| 501. Greek Archaeology    | 503. Special Topics    |

**Summer 1977 – June 27 to August 5**

**CLASSICAL CIVILIZATION 201. Classical Humanities: The Classical Literary Tradition.** The study of selected Greek and Latin "classics" in translation, with a view to understanding each within the cultural environment of its creation and as part of a developing literary tradition that remains today a lively source of creative inspiration. The genres represented will be epic, tragedy, comedy, and romance. Open to undergraduate and graduate students from all departments and fields of study and to non-degree students; no knowledge of Greek or Latin is necessary. – **Bradley Monday, Tuesday, Thursday, Friday 8:30-10:00 a.m.**

**LATIN 601. History of Latin Literature: Republic.** Extensive readings, research projects and papers dealing with the main ideas and issues (literary, philosophical, and political) of the Roman Republic, as seen through its major writers in the various genres. This course, required of all candidates, may be elected by students either one year before they expect to take the Comprehensive Examination or in the year that they expect to take the Examination. – **Williams Monday, Tuesday, Thursday, Friday 10:30-12:00 noon**

**LIBERAL ARTS**

*Graduate Advisers are appointed when students are accepted as candidates.*

The Master of Liberal Arts enables students to pursue a program of intellectual inquiry focusing on a single theme of interest or spanning a wider range of areas. It is

not intended to be a step toward a doctorate. There are no required courses in the program and students may choose from any of the disciplines in which Trinity College offers graduate work subject only to the fulfillment of any prerequisites and the permission of the instructors. Where no formal courses are available, individual tutorials can be arranged.

The opportunity to design one's own academic program places increased responsibility on the student. Far from being an easier degree, the Master of Liberal Arts demands more initiative by students as well as an ability to study independently. The reward comes from the satisfaction of having to study only what one really desires to learn.

Ten courses are required to earn the degree of Master of Liberal Arts. Nine of the ten courses can be chosen from the offerings of the various departments, but no more than six from any single discipline. As a capstone, the tenth course is designed under the direction of the student's faculty adviser. This course is to be integrally related to the student's program affording latitude in both its design and content. A major project, such as a series of short papers or a longer research paper, will result from this tutorial.

All persons interested in pursuing the Master of Liberal Arts should arrange a consultation with Ivan A. Backer, Director of Graduate Studies. Students may apply for candidacy upon completion of two graduate courses with a minimum grade of pass. To be accepted as a candidate each student must submit a statement of his/her proposed program of study. When the Graduate Studies Committee approves the student's proposal it will also assign a faculty adviser to assist in planning his/her academic program.

## MATHEMATICS

*Chairman:* PROFESSOR ROBERT C. STEWART

*Graduate Adviser:* PROFESSOR WALTER J. KLIMCZAK

The Department of Mathematics offers a graduate program in mathematics which leads to the degree of Master of Science. It is designed for those who wish to supplement their training in mathematics and broaden their mathematical background.

The degree of Master of Science in mathematics is conferred upon students who have received a Bachelor's degree with an undergraduate concentration in mathematics and have successfully completed ten graduate courses in mathematics, or eight in mathematics and two in physics. The mathematics courses shall include either Mathematics 501 and 502 (*Introduction to Analysis I, II*) or Mathematics 503 and 504 (*Theory of Functions of a Real Variable I, II*), and three courses from the following six courses: Mathematics 507, 508 (*Theory of Functions of a Complex Variable I, II*), Mathematics 517 (*Topology*), Mathematics 518 (*Introduction to Algebraic Topology*), Mathematics 519 (*Modern Algebra*), Mathematics 520 (*Linear Algebra*).

Students who have not taken a course in advanced calculus will normally be

required to take Mathematics 500, which is recommended for students in mathematics.

Candidates should note that they will not receive credit toward the Master of Science degree in mathematics for Mathematics 500 or 500A or 500B. A thesis is not required.

Before electing either Mathematics 501 or Mathematics 503, students must request the permission of the Graduate Adviser.

### *Courses in the Mathematics Program*

|  |   |
|--|---|
| 500. Advanced Calculus                                       | 514. Mathematical Logic                             |
| 500A. Advanced Calculus I                                    | 517. Topology                                       |
| 500B. Advanced Calculus II                                   | 518. Introduction to Algebraic Topology             |
| 501, 502. Introduction to Analysis I, II                     | 519. Modern Algebra                                 |
| 503, 504. Theory of Functions of a<br>Real Variable I, II    | 520. Linear Algebra                                 |
| 505. Theory of Probability                                   | 521. Vector Analysis                                |
| 506. Mathematical Statistics                                 | 522. Vector and Tensor Analysis                     |
| 507, 508. Theory of Functions of a<br>Complex Variable I, II | 523. Foundations of Mathematics                     |
| 509. Introduction to Numerical Analysis                      | 525, 526. Topics from Analysis                      |
| 511, 512. Advanced Numerical Analysis<br>I, II               | 601. Introduction to Functional Analysis            |
|  | 603. Functional Analysis and Applied<br>Mathematics |

From time to time, depending on student interest and demand, certain other courses and/or mathematical topics will be offered on a tutorial basis, with the approval of the Department. These will include the following: advanced numerical analysis, differential equations, special functions, integral equations, control theory, complex variables for applications, advanced general topology, group theory with applications, introductory harmonic analysis, advanced mathematical logic, set theory.

In addition, under certain circumstances courses in the Mathematics Program listing above can be arranged on a tutorial basis during an academic year in which they are not being offered formally.

### *Summer 1977*

**MATHEMATICS 525(F). Topics in Analysis.** Topics will be chosen from among the following: an introduction to normed linear spaces (convergence and completeness, Hahn-Banach theorem, the Riesz theorem for  $L^2$ ); integration theory (the Lebesgue integral, integration on locally compact spaces, the Haar integral); and an introduction to abstract harmonic analysis (group algebras, more general Banach algebras, representation theory of Banach algebras). The choice of topics will depend on student interest and preparation, which should include, as a minimum, modern algebra, linear algebra, and advanced calculus. A minimum enrollment of three students will be necessary for this course to be offered. — Robbins Monday and Wednesday June 27 — August 3 7:00–9:30 p.m.

### *Christmas Term — September 1977 to December 1977*

**MATHEMATICS 501. Introduction to Analysis I.** An introductory course in the fundamental concepts of real analysis. Characteristics of the real number system; topology of Euclidean space; convergence of sequences of vectors and functions. Prerequisite: Permission of the Graduate Adviser. — Robbins Monday and Wednesday 7:00–8:15 p.m.



**MATHEMATICS 503. Theory of Functions of a Real Variable I.** Elementary general topology and functional analysis, differential calculus in Banach spaces. Prerequisite: Mathematics 324 or its equivalent, or permission of the instructor. – **Whittlesey Thursday 7:00–9:30 p.m.**

**MATHEMATICS 507. Theory of Functions of a Complex Variable I.** A rigorous treatment of the theory of functions of a single complex variable. The algebra of complex numbers, analytic functions, complex integration, Cauchy integral theorem and formulas, power series. Prerequisite: Mathematics 502 or its equivalent. – **Whittlesey Tuesday 7:00–9:30 p.m.**

**MATHEMATICS 517. Topology.** Sets and functions, metric spaces and metrizable, topological spaces and their continuous maps, compactness, separation, connectedness. Prerequisite: Permission of the instructor. (Normally, this permission is contingent upon successful completion of Mathematics 324 or 502.) – **Poliferno Monday and Wednesday 7:00–8:15 p.m.**

**MATHEMATICS 520(1). Linear Algebra.** Vector spaces, finite- and infinite-dimensional. Linear transformations and their representations. Prerequisite: Mathematics 324 or its equivalent, or permission of the instructor. – **Whittlesey Tuesday and Thursday 5:30–6:45 p.m.**

**MATHEMATICS 525. Categorical Algebra.** Introduction to categories, functors, categorical limits, and adjoint functors, with applications to analysis, algebraic topology, and algebra. – **Whittlesey Tuesday and Thursday 4:00–5:15 p.m.**

### *Trinity Term – January 1978 to May 1978*

**MATHEMATICS 502. Introduction to Analysis II.** A continuation of Mathematics 501. Continuity and uniform continuity of functions of Euclidean spaces; differentiation; theory of the Riemann-Stieltjes integral. Additional topics as time permits. Prerequisite: Mathematics 501. (A knowledge of elementary linear algebra will be useful, but is not required.) – **Robbins Monday and Wednesday 7:00–8:15 p.m.**

**MATHEMATICS 504. Theory of Functions of a Real Variable II.** Integral calculus in Banach spaces. Abstract measures. Differential forms and Stokes' theorem. Prerequisite: Mathematics 503. – **Whittlesey Thursday 7:00–9:30 p.m.**

**MATHEMATICS 508. Theory of Functions of a Complex Variable II.** The expansion of analytic functions in series, poles, essential singularities, contour integration, calculus of residues, analytic continuation, conformal mapping, entire functions. Prerequisite: Mathematics 507. – **Whittlesey Tuesday 7:00–9:30 p.m.**

**MATHEMATICS 518. Introduction to Algebraic Topology.** Simplicial and singular complexes, their homology and cohomology groups. Homotopy groups. Prerequisite: Mathematics 417 or permission of the instructor. – **Whittlesey Tuesday and Thursday 5:30–6:45 p.m.**

**MATHEMATICS 519(2). Modern Algebra.** Topics selected from the following. Groups: subgroups and normal subgroups, factor groups, the homomorphism theorems, permutation groups and Cayley's theorem, Jordan-Hölder theorem and chain conditions, Sylow theorems. Rings: integral domains, principal ideal rings, division rings, prime factorization. Fields: finite fields, polynomial rings, algebraic extensions, splitting fields. Prerequisite: Mathematics 502 or its equivalent. – **Walde Tuesday and Thursday 5:30–6:45 p.m.**

One of the following courses will be available depending upon student interest. (Consult Mr. Poliferno or Mr. Klimczak (Graduate Adviser).)

**MATHEMATICS 514. Mathematical Logic.** Tautologies, the propositional calculus; quantification theory, first-order predicate calculi; first-order theories (with equality), models, completeness theorems. Prerequisite: Permission of the instructor. (Normally, this permission is contingent upon successful completion of Mathematics 324 or 502.) – **Poliferno Monday and Wednesday 7:00–8:15 p.m.**

or

**MATHEMATICS 523(2). Foundations of Mathematics.** An introduction to concepts and questions in the foundations of mathematics. Mathematical induction, the natural numbers, the system of real num-

bers, infinite sets and transfinite arithmetic, philosophies of mathematics. Prerequisite: Permission of the instructor. (Normally, this permission is contingent upon successful completion of Mathematics 324 or 502.) – **Poliferno** Monday and Wednesday 7:00–8:15 p.m.

## MODERN LANGUAGES

*Chairman:* PROFESSOR GERALD KAMBER

*Graduate Adviser for French:* ASSISTANT PROFESSOR SONIA M. LEE

*Graduate Adviser for Spanish:* PROFESSOR GUSTAVE W. ANDRIAN

The program leading to the Master of Arts degree in French or in Spanish is designed to provide the candidate with a good knowledge of French or Spanish literature and literary analysis, and an understanding of the culture and civilization of the nation concerned. Although designed especially for teachers or prospective teachers of French or Spanish, the program is appropriate for any person who is qualified and interested in doing advanced study.

To be eligible as a candidate for the Master of Arts degree in either French or Spanish, an applicant must meet the general requirements for acceptance as a candidate for the Master's degree and show evidence of possessing sufficient competence in French or in Spanish (usually the equivalent of a college major) to undertake study of the subject at the graduate level. All courses are conducted in the language.

Programs of study in French and in Spanish are planned on an individual basis but candidates are normally required to take a total of ten courses from among those listed below and pass a Comprehensive Examination. Students who have demonstrated outstanding ability to do independent research may elect, with permission of the Graduate Adviser, to substitute a thesis in lieu of two courses and the Comprehensive Examination.

Comprehensive Examinations in French and Spanish literature are held in October and in April. Students planning to take the examination should notify the adviser in *writing* no later than one month prior to the test date.

The courses leading to the Master's degree in French and in Spanish are offered in summer and in each semester of the regular academic year. It is suggested that the course in literary methods or criticism be taken as early as possible.

### *Courses in the Modern Languages Program*

#### *French*

- |  |   |
|--|---|
| 501. Linguistics                                   | 515, 516. Studies in Twentieth Century Literature |
| 502. Stylistics                                    |   |
| 503. Culture and Civilization                      | 517, 518. Studies in Lyric Poetry                 |
| 504. Masterpieces of French Literature             | 519, 520. Studies in Drama                        |
| 505, 506. Studies in Medieval Literature           | 521, 522. Studies in Fiction                      |
| 507, 508. Studies in Renaissance Literature        | 523, 524. Studies in the Short Story              |
| 509, 510. Studies in French Classicism             | 525. Literary Criticism                           |
| 511, 512. Studies in Eighteenth Century Literature | 526, 527. The Literature of Négritude             |
| 513, 514. Studies in Nineteenth Century Literature | 531. Explication de textes                        |
|  | 651–652. Thesis                                   |

**Spanish**

501. Linguistics  
 502. Stylistics  
 503. Culture and Civilization  
 504. Masterpieces of Spanish Literature  
 506. Cervantes  
 507, 508. Studies in Medieval Literature  
 509, 510. Studies in Renaissance Literature  
 511, 512. Studies in the *Siglo de oro*  
 513, 514. Studies in Eighteenth Century Literature  
 515, 516. Studies in Nineteenth Century Literature  
 517, 518. Studies in the Generation of '98
- 519, 520. Studies in Twentieth Century Literature  
 521. Masterpieces of Spanish American Literature  
 522. Colonial Spanish Literature  
 524. Literature of the Caribbean  
 525, 526. Studies in Poetry  
 527, 528. Studies in the Drama  
 529, 530. Studies in the Short Story  
 531. Methods of Literary Criticism  
 533. The Modern Spanish American Novel  
 534. The Contemporary Spanish American Novel  
 651-652. Thesis

**Summer 1977 – June 27 to July 29**

**FRENCH 502. Stylistics.** An advanced course in French expression based on a careful evaluation of the needs of the students. There will be an in-depth review of phonetics, including transcription, juncture, rhythm, stress, intonation with practice in diction and drills; there will be a total review of the verb system with stylistic nuances explained and illustrated from literary examples; there will be a review of syntactic structures, again with illustrations from literary examples. All the while, the student will be expected to write compositions of increasing length and difficulty embodying the points taken up in the classroom, and there will be periodic oral exposés. – **Kamber Monday, Tuesday, Thursday, Friday 8:40-10:30 a.m.**

**FRENCH 514. Hugo and the Nineteenth Century.** A literary study of the major works of Hugo: poetry, theater and fiction. Hugo's work will also serve as a means to explore the literary, political and social climate of the times. – **S. Lee Monday, Tuesday, Thursday, Friday 11:00 a.m.-12:50 p.m.**

**SPANISH 503. Culture and Civilization.** A study of the ideas and attitudes that characterize Spanish life, and the form that they have taken in the arts. – **Metzidakis Monday, Tuesday, Thursday, Friday 8:40-10:30 a.m.**

**SPANISH 513. Spanish Poetry of the Twentieth Century.** A study of modern Spanish poetry, beginning with the Generation of 1927. Included, among others, are García Lorca, Pedro Salinas, Miguel Hernández, Jorge Guillén, Rafael Alberti, José Hierro and Blas de Otero. – **Metzidakis Monday, Tuesday, Thursday, Friday 1:30-3:20 p.m.**

**Christmas Term – September 1977 to December 1977**

**FRENCH 518. Studies in Lyric Poetry: Baudelaire, Rimbaud and Mallarmé.** – **Katz Monday 7:00-10:00 p.m.**

**FRENCH 522. Studies in Twentieth Century Fiction – Part II.** A study of the French novel from 1938 to the present. – **S. Lee Wednesday 7:00-10:00 p.m.**

**SPANISH 519. Studies in Twentieth Century Literature: The Contemporary Spanish Novel.** A study and analysis of a select number of works by writers who have contributed to the renaissance of the novel following the Civil War (1936-39), beginning with the *tremendista* novels of Camilo José Cela. Among other authors included are Miguel Delibes, Ana María Matute, Juan Goytisolo, Luis Martín Santos and Carmen Laforet. – **Andrian Tuesday 6:30-9:30 p.m.**

**SPANISH 531. Methods of Literary Criticism.** A study of the methods and approaches to literary criticism, analysis and research, as specifically applied to Hispanic literature. There will be ample practice in the analysis and interpretation of a select number of literary compositions and works. Some attention will also be given to Spanish literary history. – **Kerson Thursday 6:30-9:30 p.m.**

## Trinity Term – January 1978 to May 1978

**FRENCH 515. Studies in Twentieth Century Literature – Surrealism.** A course beginning with the early modernist movements embodied in the poetry and *poèmes en prose* of Apollinaire, Jacob and Reverdy, proceeding through Dada and Tzara, and then concentrating on the two decades of Surrealism to its dissolution. Principal authors studied: Breton; Aragon; Eluard; Queneau; Prevert; Desnos. – Kamber Monday 7:00–10:00 p.m.

**FRENCH 525. Literary Criticism: Panorama of Literary Ideas and Doctrines in France.** A study of the major doctrines from “La Pléiade” to structuralism. Each doctrine will be exemplified by its most representative literary work. – S. Lee Wednesday 7:00–10:00 p.m.

**SPANISH 503. Culture and Civilization: Spain: The Nineteenth Century.** Various aspects of the nineteenth century in Spain will be explored, such as the history, economy, social structures, manners, art and music, theater, periodicals, etc. Some literary works will be read for their sociological content. – Bianchini Tuesday 6:30–9:30 p.m.

## NEUROSCIENCES

*Graduate Adviser at Trinity College:* PROFESSOR DAVID WINER

A graduate program leading to the Master of Arts degree in experimental psychology with an emphasis in neurosciences. This is an interinstitutional program with the University of Hartford and the Institute of Living, utilizing the laboratory facilities of all three institutions, with the degree awarded by the University of Hartford. It is designed as an interdepartmental, multi-disciplinary course of study of the neuro and behavioral sciences from diverse perspectives and offers advanced research training for those having background and interest in the areas of neurobiology and psychobiology. For more information contact the graduate adviser.

## PHILOSOPHY

*Chairman:* ASSOCIATE PROFESSOR W. MILLER BROWN

*Graduate Adviser:* PROFESSOR RICHARD T. LEE

The Master of Arts program in philosophy is designed with two principal purposes in mind: to provide a solid foundation in philosophy for those students who wish to continue work toward a Ph.D. at some other institution, and to enable anyone, whether he wishes to continue his formal studies or not, to come to know in some depth both the nature and achievements of philosophical inquiry as well as the extent of his own talents as a philosopher. For those who intend to continue work toward the Ph.D. a strong emphasis on the history of philosophy is recommended. In addition independent studies on selected topics may be arranged depending on the availability of instructors.

It is not necessary for students who are interested in the M.A. program to have majored in philosophy as an undergraduate. Ability and motivation are the principal requirements. Persons interested in taking courses in this program should feel free to

request a conference with a member of the Department in order to obtain more detailed information.

To qualify for the Master's degree the student must complete ten courses, eight of which must be in philosophy, including Philosophy 651-652: *Thesis*. No specific course or sequence of courses is required, but candidates should seek the advice of the Department Chairman or Graduate Adviser in planning their program of study. Registration in courses from other departments which are to be applied toward the degree requirements in philosophy must be approved in advance by the Department.

### *Courses in the Philosophy Program*

|                                    |                              |
|------------------------------------|------------------------------|
| 500. Problems in Philosophy        | 515. Existentialism          |
| 501. Pragmatism                    | 530. Philosophy and Science  |
| 503. Ethics                        | 543. Aristotle               |
| 504. Philosophy and Revolution     | 547. Kant                    |
| 505. Logic                         | 548. Whitehead               |
| 506. Advanced Logic                | 549. Continental Rationalism |
| 507. History of Philosophy I       | 551. Plato                   |
| 508. History of Philosophy II      | 552. Hume                    |
| 509. Special Topics                | 555. Nietzsche               |
| 510. Philosophy of Art             | 556. Heidegger               |
| 512. Nineteenth-Century Philosophy | 567. Moral Problems          |
| 513. Philosophy of Recent Drama    | 651-652. Thesis              |

### *Summer 1977 – June 27 to August 5*

**PHILOSOPHY 501. Introduction to Philosophy.** An introductory treatment of some fundamental problems in philosophy such as the nature and limits of knowledge, the concept of a person, and the relation between the individual and society. Both classical and contemporary authors will be consulted. – Marlies Tuesday and Thursday 7:00-10:00 p.m.

**PHILOSOPHY 510. Philosophy of Art.** This course will begin with an examination of various answers to the questions why is there art or what is the role of art in human experience. In the course of this investigation, various traditional problems in the philosophy of art will be considered such as the nature of art, truth and belief in art, the relation of art to the expression of feelings or emotions, and the nature and justification of criticism. – Marlies Monday and Wednesday 7:00-10:00 p.m.

### *Christmas Term – September 1977 to December 1977*

**PHILOSOPHY 525. Philosophy of Language.** A systematic study of problems arising from reflection on language and speech acts: meaning and reference, truth, linguistic convention and the theory of use, illocutionary acts and the comparison of ordinary and artistic uses of language. Permission of instructor. – R. T. Lee Monday 7:00-10:00 p.m.

**PHILOSOPHY 541. Plato.** Through a careful study of two Platonic dialogues, the *Charmides* and *Timaeus*, we shall attempt both to gain a general sensitivity to Platonic philosophy, its basic tenets, origins, and influence, and to focus on a specific major philosophic issue: the nature and possibility of wisdom. Our major "secondary source" will be Plato's *Republic*, which will be studied outside of class and referred to as the occasion arises in our seminars. – Hyland Thursday 7:00-10:00 p.m.

**PHILOSOPHY 557. Topics in Jewish Philosophy.** This course is an introduction to the basic themes in both Medieval and Modern Jewish philosophy. We will examine issues such as the problem of evil, the nature of religious faith, prophecy and the concept of God, as developed in the works of Philo, Saadiah

Gaon, Halevi, Maimonides and Rosenzweig. Attention will also be paid to the cultural, historical, and religious environments of these thinkers. Permission of instructor. – Rudavsky Wednesday 7:00–10:00 p.m.

**PHILOSOPHY 651–652. Thesis.** Conference hours by appointment. Intensive inquiry into a special area of philosophy under the direction of a member of the Department. See *Degree Requirements*. – Staff

### *Trinity Term – January 1978 to May 1978*

**PHILOSOPHY 510. Special Studies in Philosophy: Neoplatonism and the Western Mystical Tradition.** This course will deal with the systematic development of neoplatonic thought, as found primarily in the works of Plotinus, Augustine and Halevi. Attention will be paid to the way in which particular neoplatonic themes, such as the concept of the soul, influenced later writers in the mystic tradition. Permission of the instructor. – Rudavsky Wednesday 7:00–10:00 p.m.

**PHILOSOPHY 544. Hegel.** An intensive study of the *Phenomenology of Spirit*. Special attention will be paid to the way in which Hegel claims to culminate philosophy and to the influences on subsequent philosophers, as clues to an understanding of the difficulties of the work itself. Major secondary sources (Kojève, Rosen, Fachenheim) will be discussed in class. – Hyland Thursday 7:00–10:00 p.m.

**PHILOSOPHY 552. Hume.** Primarily a careful reading from both critical and historical points of view of the *Treatise of Human Nature* and the *Enquiry Concerning Human Understanding*. Attention will be paid to the connections between Hume's ethical writings and his theory of knowledge and to his influence on later philosophers such as Kant. – W. M. Brown Thursday 7:00–10:00 p.m.

**PHILOSOPHY 651–652. Thesis.** Conference hours by appointment. Intensive inquiry into a special area of philosophy under the direction of a member of the Department. See *Degree Requirements*. – Staff

## PHYSICS

*Chairman:* PROFESSOR ALBERT J. HOWARD, JR.

*Graduate Adviser:* ASSISTANT PROFESSOR BROOKE GREGORY

The program in physics leading to the Master of Science degree is designed for engineers, physicists, and chemists in industry and others who desire further study in topics of current interests in physics. The emphasis is on courses which provide the background for work being done in present-day research and development laboratories. Opportunities are also available for directed research and independent study. Students who apply for candidacy for the Master's degree in physics will be reviewed by the Graduate Committee only after they have completed one course in physics at Trinity. Before being admitted to the program, applicants are expected to discuss their academic preparation with the graduate adviser and to satisfactorily complete an entrance examination. This consultation should take place before the opening of the fall term.

The physics courses are planned to follow an undergraduate concentration in physics and mathematics. Ten courses are required for the Master's degree; a thesis is not required. Students are required to take six courses in physics. The remaining courses will normally be in mathematics and the natural sciences. Approved courses at the Hartford Graduate Center may be credited as physics courses.

Graduate courses in physics are offered jointly for graduate students and advanced

undergraduates during day time hours only. No specific courses are listed in this program since arrangements will be made with individual students to meet their needs. Students interested in enrolling in the program are encouraged to contact the graduate adviser to discuss their needs.

## POLITICAL SCIENCE

*Chairman:* PROFESSOR RANBIR VOHRA

*Graduate Adviser:* PROFESSOR REX C. NEAVERSON

The program leads to a Master of Arts degree in political science. Candidates should have a Bachelor's degree in one of the social sciences, but a candidate whose undergraduate major was in another area will be considered. The Department may require a beginning student to take certain specific courses to remedy any inadequacies in the student's preparation in political science.

Candidates for the Master of Arts degree are required to complete a total of ten courses. A thesis (Political Science 651-652) is usually written in fulfillment of the final two courses in the program; however, at the discretion of the Department, students may substitute Political Science 631-632 (Individual Tutorial) for the thesis. At least six of the ten courses must be in the Department. Permission to take courses in other departments must be secured from the Graduate Adviser. Some undergraduate courses at the three or four hundred level may be taken for graduate credit with the permission of the Graduate Adviser and the course instructor who may establish special requirements.

The topic for the thesis should be selected by the student and discussed with the Graduate Adviser who, upon approving the topic, will assign an adviser and a reader.

### *Courses in the Political Science Program*

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|--|--|
| 502. American National Government                                    | 521. International Politics  |
| 504. American Political Thought                                      | 522. International Law   |
| 506. The Politics of Confrontation                                   | 523. International Organization                                    |
| 507. Constitutional Law: The Federal System and Separation of Powers | 524. The Politics of Transportation Policy                         |
| 508. Soviet Political Institutions                                   | 525. The American Presidency                                       |
| 509. Congress and the Legislative Process                            | 526. The Philosophy and Methodology of Empirical Political Science |
| 510. Public Personnel Administration                                 | 530. Government and Politics of Contemporary China                 |
| 511. Public Administration   | 532. Comparative Politics  |
| 512. Urban Politics  | 534. Political Leadership  |
| 513. American Political Parties                                      | 536. Public Opinion and Public Policy                              |
| 515. American Foreign Policy   | 542. State and Local Political Institutions                        |
| 516. Constitutional Law: Individual Liberties and Civil Rights       | 621. Independent Study   |
| 517. Government and Politics of Latin America                        | 631-632. Individual Tutorial                                       |
| 520. History of Political Thought: Machiavelli to Burke              | 651-652. Thesis  |

**POLITICAL SCIENCE 621. Independent Study.** Independent research on a selected topic under the guidance of a Department member. Department members are generally willing to supervise studies in the following areas:

**Gastmann:** International Politics, Comparative Politics, International Law

**Hendel:** Constitutional Law: Civil Liberties and Civil Rights especially in the areas of freedom of expression and equal protection of the laws.

**Jacobson:** Political Data Analysis; theoretical foundations of Empirical Political Science; American Voting Behavior; American Political Parties; Biopolitics.

**McKee:** American National Government; Public Administration; Constitutional Law (both Federal System and Individual Liberties); State and Local Government.

**Neaverson:** European and North American Comparative Politics; Political Philosophy; United States Transportation Policies.

**Reilly:** Congress and the Legislative Process; the Presidency; American Foreign Policy.

**Vohra:** Government and Politics of China and Japan; The Chinese Revolutionary Experience; Modernization of Japan.

### *Summer Term 1977*

**POLITICAL SCIENCE 510. Public Personnel Administration.** The course has these main features: (1) Traditional review of the theory, principles, and concepts of public personnel administration (basic text: *Public Personnel Administration* by O. Glenn Stahl); (2) Non-traditional approach to a variety of selected case studies dealing with contemporary personnel problems; (3) Various teaching methods, including lectures, focused discussions, and role playing exercises. (Contact Dr. Clyde McKee for additional information.) Enrollment limited to 18 students. – **McKee** Tuesday and Thursday June 14 through July 28 7:30–10:00 p.m.

**POLITICAL SCIENCE 511. Public Administration.** Although the emphasis is on the basic paradigms, theories and procedures of traditional public administration, case studies, plays, audio-visual tapes, and simulation exercises are used to highlight central ideas. Variety of teaching methods are used. (Contact Dr. Clyde McKee for additional information.) Enrollment limited to 15 students. – **McKee** Tuesday and Thursday June 14 through July 28 4:30–7:00 p.m.

### *Christmas Term – September 1977 to December 1977*

**POLITICAL SCIENCE 507. Constitutional Law: The Federal System and Separation of Powers.** An examination of judicial and administrative processes and problems in dealing with social legislation. Special consideration will be given to the division of power between the nation and the states and among the three branches of the national government. – **McKee** Thursday 7:00–10:00 p.m.

**POLITICAL SCIENCE 522. International Law.** The nature and sources of the law of nations; jurisdiction of states over territories and persons; questions of recognition; the law of treaties; the peaceful settlement of disputes. Recent trends in the development of a system of international law. – **Gastmann** Monday 7:00–10:00 p.m.

**POLITICAL SCIENCE 530. Government and Politics of Contemporary China.** The course will examine the rise of the Communist Party, the evolution of Maoist strategy for political revolution and social change, and the post-revolutionary developments in the People's Republic of China. – **Vohra** Tuesday 7:00–10:00 p.m.

**POLITICAL SCIENCE 621. Independent Study.** See above.

**POLITICAL SCIENCE 631–632. Individual Tutorial.** Conference hours by appointment. *Two course credits.* Extensive reading and the preparation and presentation of from four to six papers during the academic year. A written final comprehensive examination. May be substituted for the Master's Thesis (Political Science 651–652) at the discretion of the Department. Admission by petition after the completion of six courses. – **Staff**



**POLITICAL SCIENCE 651-652. Thesis.** Conference hours by appointment. *Two course credits.* Investigation and report of an original research project. See *Degree Requirements.* – **Staff**

### *Trinity Term – January 1978 to May 1978*

**POLITICAL SCIENCE 515. American Foreign Policy.** Critical survey of American Foreign Policy since the end of World War II. Special emphasis will be placed on the organizations responsible for policy-making and the politics of policy-making. The above will be done in conjunction with a specific examination of U.S. policy in the areas of disarmament, détente, China, foreign economic policy and the Third World. – **T. Reilly Wednesday 7:00-10:00 p.m.**

**POLITICAL SCIENCE 517. Government and Politics of Latin America.** Political development, modernization, and social change in Latin America. Particular attention is given to the organization and functioning of government. – **Gastmann Monday 7:00-10:00 p.m.**

**POLITICAL SCIENCE 524. Transportation and Public Policy.** An inquiry into some problems of national transportation policies especially regulation and subsidy programs. The course will study the relationships between industry, Congress, and the administration agencies in civil aviation, railroads, trucking, highways, urban transportation, and foreign and domestic shipping. Congressional documents will be a major source material for term papers. A session or two will be spent on elementary economic theory and cost-benefit analysis. No prior knowledge of economic theory is required. – **Neaverson Tuesday 7:00-10:00 p.m.**

**POLITICAL SCIENCE 621. Independent Study.** See page 41.

**POLITICAL SCIENCE 631-632. Individual Tutorial.** Conference hours by appointment. *Two course credits.* Extensive reading and the preparation and presentation of from four to six papers during the academic year. A written final comprehensive examination. May be substituted for the Master's Thesis (Political Science 651-652) at the discretion of the Department. Admission by petition after the completion of six courses. – **Staff**

**POLITICAL SCIENCE 651-652. Thesis.** Conference hours by appointment. *Two course credits.* Investigation and report of an original research project. See *Degree Requirements.* – **Staff**

## **PUBLIC POLICY STUDIES**

*Principal Adviser:* PROFESSOR ANDREW J. GOLD

*Adviser at the University of Connecticut School of Law:* TERRY J. TONDRO

The newly established graduate program in Public Policy Studies leads to a Master of Arts degree, and is intended for those who are preparing themselves to become policy analysts as well as for people who already are participants in the public policy decision making process. The analysis of policy alternatives is being increasingly recognized as a critical need of government, public interest organizations, community groups, business and industry. The Public Policy Studies program is addressed to the needs of researchers and analysts working for legislative committees; staff assistants to legislators, and in executive departments; administrators making unconscious policy choices; elected and appointed officials; attorneys active in the legislative process; media reporters covering governmental affairs and others.

The aim of the Public Policy Studies Program is to develop the skills required to articulate public issues, analyze alternative policies, facilitate the adoption and im-

plementation of specific policies, and evaluate their effects. The development of this ability requires a mastery of quantitative skills as well as the qualitative understanding of the underlying values and motivations supporting public policies. Many factors impinge upon policy decisions: economic, ethical, legal, political, social; and the insights from each area will be sought to achieve the goals of this program. While the primary focus of the program is on the technical aspects of analysis, the value consequences of public policies will not be ignored.

The resources of several academic disciplines in the social sciences and humanities at Trinity College will be supplemented by the opportunity to take courses at the University of Connecticut School of Law and School of Social Work. The degree of Master of Arts in Public Policy Studies will be granted by Trinity College upon completion of ten courses. A minimum of two courses or a maximum of four courses can be taken at the University of Connecticut.

The curriculum consists of six core courses, two electives, and two final correlative seminars:

### *Core Courses*

**ECONOMICS 501. Microeconomic Theory.** A study of resource allocation and product distribution in a market system. Market behavior is analyzed in terms of the determinants of demand, the supply conditions of productive services, the logic of the productive process, and the institutional structure of markets. The purpose of the course, is to provide rigorous training in fundamental analytical techniques. All students wishing to enroll in Economics 501 must demonstrate a competence to undertake study in economics at the graduate level by passing a qualifying examination, or taking Economics 500: *Economic Principles*, which is not counted toward the degree. See page 17 for further details. – **Steffanci** Wednesday 7:00–10:00 p.m. (Christmas term)

**ECONOMICS 506. Public Finance.** An examination of the Federal budget, of the tax system of the United States, and of Fiscal Federalism, with special reference to the allocation, distribution and stabilization objectives of specific taxes and expenditures. Analyses of the theory of public goods and of externalities, of private market failure, and of government corrective action. Actual policies will be evaluated in the context of the analytical framework developed in course. Prerequisite: Economics 501. – **Dunn** Thursday 7:00–10:00 p.m. (Trinity Term)

**[ECONOMICS 507. Techniques of Public Budgeting Analysis.]** A study of the major techniques of budgetary analysis: PPBS, cost/effectiveness analysis and cost/benefit analysis. The theoretical basis for the above will be reviewed and applications studied to show both their potential and limitations. Prerequisite: Economics 501 and Economics 506.

**[ECONOMICS 541. Methods of Research.]** Techniques useful in economic research will be developed. Topics include: time series analysis, probability, hypothesis testing, nonparametric statistics, an introduction to regression analysis, decision and game theory. Normally taken after 501 and prior to the election of other courses.

**SOCIOLOGY 361G. Formal Organizations.** The sociological analysis of deliberately established goal-oriented organizations of all kinds (businesses, universities, government agencies, hospitals, prisons, law firms, etc.). Among the topics to be considered will be theories of bureaucratic organization, the relationship between formal and informal behavior and structure, organizational leadership and authority, the place of small groups in large organizations, official-client relationships, the effects of organization upon their individual members, the definition and achievement of organizational goals, and the relations of organizations to one another and to the community. – **Brewer** Thursday 7:00–10:00 p.m. (Christmas Term)

[ ] Brackets indicate courses not offered in 1977/78.

**University of Connecticut School of Law 736. Legislative Process.** A consideration of the Legislature in perspective, examining it in its working relationships with other institutions of the American legal system. The course is designed to develop an understanding of the potentialities and limitations of the legislative process. – Satter (Trinity Term)

### *Electives*

Two electives can be chosen from the graduate courses offered at the University of Connecticut's School of Law or School of Social Work or from other graduate courses at Trinity College.

### *Correlative Seminars*

The final two courses in the program will consist of correlative seminars, one taken at the School of Law and the other at Trinity College. These seminars will explore the same area of public policy. The Trinity seminar will approach the subject from the viewpoint of one of the social science disciplines; the School of Law seminar from a legal perspective.

One pair of tandem seminars will be offered each year, coordinated by the professors at each institution. An example of a possible pairing is policy analysis relating to the environment: the seminar at Trinity College would be in Environmental Economics while the School of Law would offer Environmental Law.

Each student will complete a major project while enrolled in the two correlative seminars, to be supervised by both faculty members. This project will consist of an analysis of a public policy.

Core Courses offered in the 1977/78 academic year include:

**Economics 501.**

**Economics 506.**

**Sociology 361G.**

**University of Connecticut School of Law 736.**

# Faculty and Administration

|                             |   |
|-----------------------------|---|
| THEODORE D. LOCKWOOD, PH.D. | President   |
| EDWIN P. NYE, SC.M.         | Dean of the Faculty   |
| IVAN A. BACKER, S.T.M.      | Director, Graduate Studies and Community Education                                |
| CAROLE M. LAWSON, B.S.      | Administrative Assistant to the Dean of the Faculty<br>Graduate and Summer Office |
| JANET F. CARSON, A.S.       | Secretary   |

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|---------------------------------|--|
| THOMAS ANDREWS, B.S.            | Visiting Lecturer in English             |
| <i>Kent School</i>              |  |
| GUSTAVE W. ANDRIAN, PH.D.       | Professor of Modern Languages            |
| ROBERT A. BATTIS, PH.D.         | Professor of Economics                   |
| WILLIAM K. BELLINGER, M.S.      | Instructor in Economics                  |
| RICHARD P. BENTON, PH.D.        | Associate Professor of English           |
| ANDREA BIANCHINI, PH.D.         | Assistant Professor of Modern Languages  |
| TIM BORNSTEIN, J.D.             | Visiting Professor of Education          |
| JAMES R. BRADLEY, PH.D.         | Associate Professor of Classics          |
| JOHN D. BREWER, PH.D.           | Associate Professor of Sociology         |
| W. MILLER BROWN, PH.D.          | Associate Professor of Philosophy        |
| JOHN J. CHATFIELD, M.A.         | Lecturer in History                      |
| STEVEN L. CHRISTOPHERSON, PH.D. | Assistant Professor of Education         |
| GEORGE B. COOPER, PH.D.         | Professor of History                     |
| WARD S. CURRAN, PH.D.           | Professor of Economics                   |
| JOHN A. DANDO, M.A.             | Professor of English                     |
| EUGENE W. DAVIS, PH.D.          | Professor of History                     |
| BERNARD L. DEKOVEN, M.A.        | Visiting Lecturer in Education           |
| LEROY DUNN, PH.D.               | Professor of Economics                   |
| JUDY DWORIN, M.A.               | Assistant Professor of Dance             |
| ALAN M. FINK, PH.D.             | Assistant Professor of Psychology        |
| ALBERT L. GASTMANN, PH.D.       | Associate Professor of Political Science |
| CAROL S. GOODENOW, M.A.T.       | Lecturer in Education                    |
| RONALD K. GOODENOW, PH.D.       | Assistant Professor of Education         |
| BROOKE GREGORY, PH.D.           | Assistant Professor of Physics           |
| PETER P. HOROSCHAK, ED.D.       | Visiting Professor of Education          |
| ALBERT J. HOWARD, JR., PH.D.    | Professor of Physics                     |
| DIANNE HUNTER, PH.D.            | Assistant Professor of English           |
| DREW A. HYLAND, PH.D.           | Professor of Philosophy                  |
| GERALD KAMBER, PH.D.            | Professor of Modern Languages            |
| SAMUEL D. KASSOW, PH.D.         | Assistant Professor of History           |

DORI KATZ, PH.D.  
 ARNOLD L. KERSON, PH.D.  
 DIRK A. KUYK, JR., PH.D.  
 EUGENE E. LEACH, PH.D.  
 RICHARD T. LEE, PH.D.  
 SONIA M. LEE, PH.D.  
 MICHAEL E. LESTZ, M.A.  
 CHARLES W. LINDSEY, PH.D.  
 MICHAEL W. MARLIES, PH.D.  
 CLYDE D. MCKEE, JR., PH.D.  
 PHILIP METZIDAKIS, PH.D.  
     *Swarthmore College*  
 LEBARON C. MOSEBY, JR, ED.D.  
 REX C. NEAVERSON, PH.D.  
 BORDEN W. PAINTER, JR., PH.D.  
 MARIO J. POLIFERNO, PH.D.  
 RICHARD PRATTE, PH.D.  
     *Ohio State University*  
 THOMAS A. REILLY, PH.D.  
 MILLA B. RIGGIO, PH.D.  
 DAVID A. ROBBINS, PH.D.  
 TAMAR RUDAVSKY, PH.D.  
 SHULAMIT SALTZMAN, M.A.  
 CHARLES B. SCHULTZ, PH.D.  
 MARK R. SHEDD, ED.D.  
 EDWARD W. SLOAN III, PH.D.  
 PAUL SMITH, PH.D.  
 THOMAS J. STEFFANCI, M.A.  
 ROBERT C. STEWART, M.A.  
 RANBIR VOHRA, PH.D.  
 RALPH E. WALDE, PH.D.  
 GLENN WEAVER, PH.D.  
 JAMES L. WEST, PH.D.  
 JAMES H. WHEATLEY, PH.D.  
 E. FINLAY WHITTLESEY, PH.D.  
 JOHN C. WILLIAMS, PH.D.  
 DIANE C. ZANNONI, PH.D.

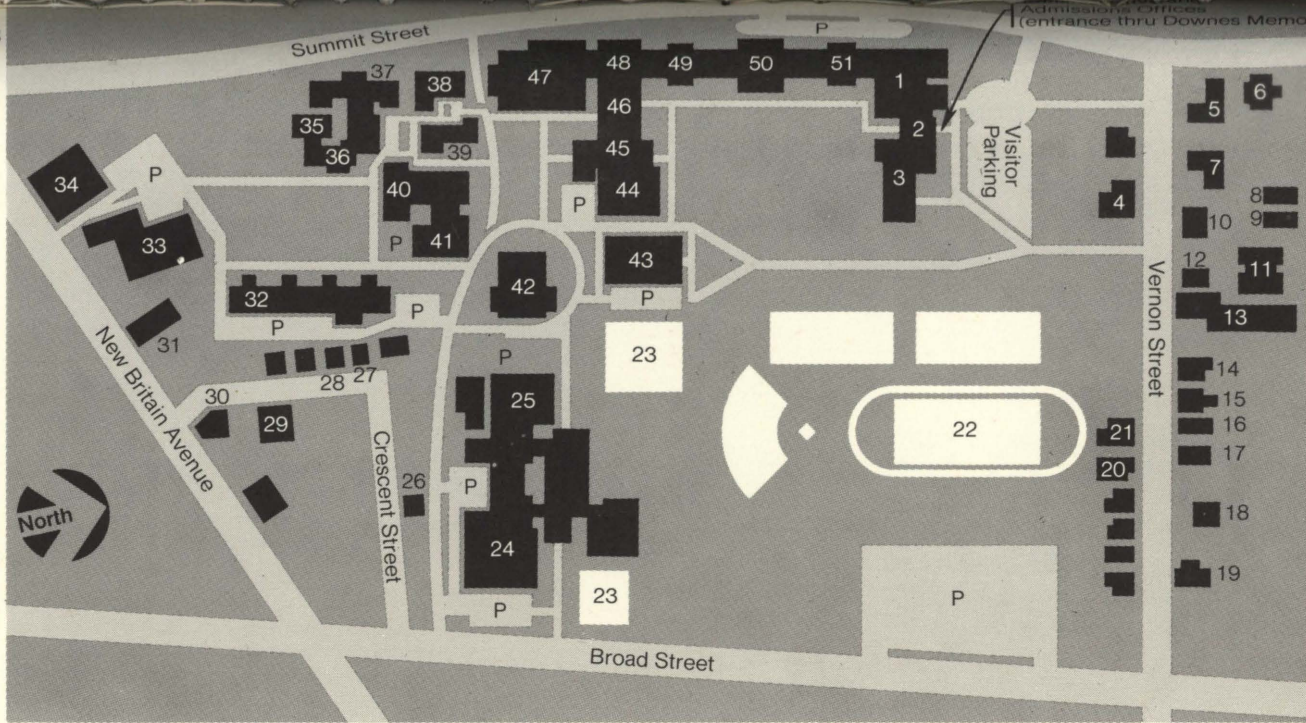
*Associate Professor of Modern Languages*  
*Associate Professor of Modern Languages*  
     *Associate Professor of English*  
     *Assistant Professor of History*  
     *Professor of Philosophy*  
*Assistant Professor of Modern Languages*  
     *Lecturer in History*  
     *Assistant Professor of Economics*  
     *Visiting Lecturer in Philosophy*  
     *Associate Professor of Political Science*  
*Visiting Professor of Modern Languages,*  
     *Spanish*  
     *Assistant Professor of Education*  
     *Professor of Political Science*  
     *Associate Professor of History*  
*Associate Professor of Mathematics*  
     *Visiting Professor of Education*  
     *Assistant Professor of Political Science*  
     *Assistant Professor of English*  
*Assistant Professor of Mathematics*  
     *Assistant Professor of Philosophy*  
     *Visiting Artist: Dance*  
     *Associate Professor of Education*  
     *Visiting Professor of Education*  
     *Professor of History*  
     *Professor of English*  
*Adjunct Associate Professor of Economics*  
     *Professor of Mathematics*  
     *Professor of Political Science*  
*Associate Professor of Mathematics*  
     *Professor of History*  
     *Assistant Professor of History*  
     *Professor of English*  
     *Professor of Mathematics*  
     *Professor of Classics*  
     *Assistant Professor of Economics*





KEY TO THE CAMPUS

- Williams Memorial (Administrative Offices)
- Downes Memorial College Chapel
- President's House
- Ogilby Hall
- Delta Psi (St. Anthony)
- Alpha Delta Phi
- Allen West
- Allen East
- Alpha Chi Rho
- High Rise Dormitory
- The Black House
- North Campus Dorm.
- Delta Kappa Epsilon
- Pi Kappa Alpha
- 90-92 Vernon Street
- 86-88 Vernon Street
- 76 Vernon Street
- 70 Vernon Street
- Alumni and Public Information Offices
- Psi Upsilon
- Jessee Field
- Tennis Courts
- Memorial Field House
- George M. Ferris Athletic Center
- 30-32 Crescent Street
- 78-80 Crescent Street
- 82-84 Crescent Street
- 111 Crescent Street
- 194-196 New Britain Avenue
- 216 New Britain Avenue
- Albert C. Jacobs Life Sciences Center
- Buildings and Grounds



- 34. CPTV Studio Building
- 35. Smith Hall
- 36. Jackson Hall
- 37. Wheaton Hall (Infirmary)
- 38. Elton Hall
- 39. Jones Hall
- 40. McCook Math-Physics Center
- 41. Hallden Engineering Laboratory
- 42. Austin Arts Center (Goodwin Theatre)
- 43. The Library
- 44. Clement Chemistry Building (Kriebel Auditorium)
- 45. Goodwin-Woodward Dormitory
- 46. Cook Dormitory
- 47. Mather Campus Center
- 48. Hamlin Hall
- 49. Seabury Hall
- 50. Northam Towers
- 51. Jarvis Hall
- P Parking Areas



Mr. Adolf Seibel  
Library