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Trinity College Bulletin, 1973-1974 (Graduate Studies)

Trinity College

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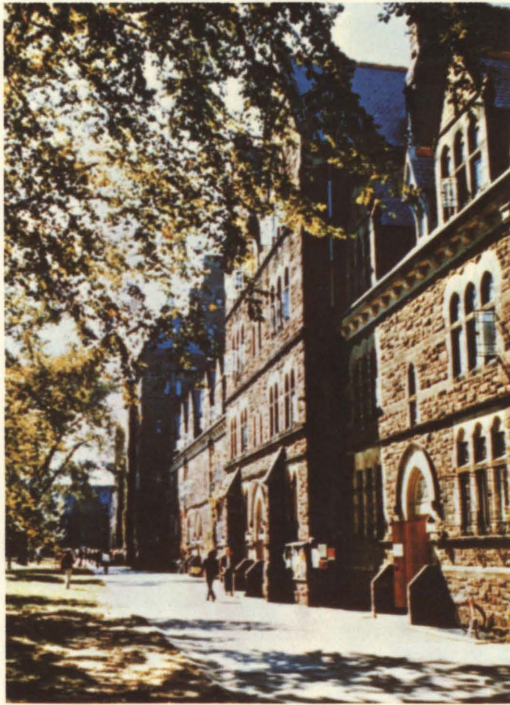
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Trinity College Bulletin



Graduate Studies

Summer 1973/Academic Year 1973—1974

Trinity College Hartford, Connecticut

Calendar

SUMMER TERM - 1973

May 1, Tuesday	Registration for summer opens
May 21, Monday	Economics courses begin
June 4, Monday	Mathematics courses begin
June 15, Friday	Last day to register for Session I without late penalty
June 20, Wednesday	Session I begins
June 21, Thursday	Last day to register for Six-Week Session without late penalty
June 25, Monday	Six-Week Session begins
July 19, Thursday	Last day to register for Session II without late penalty
July 20, Friday	Session I ends
July 23, Monday	Session II begins
August 3, Friday	Six-Week Session ends
August 21, Tuesday	Session II 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 each session.

Some day classes scheduled to begin June 20 will be held in the evening on June 20 and 21, but will meet on regular class hours listed under course description beginning June 25. See class hours on page 14.

CHRISTMAS TERM - 1973

Aug. 1, Wednesday	Registration for Christmas Term opens
Sept. 6, Thursday	Graduate Advising and Registration Session, 7:00-9:00 p.m., Washington Room, Mather Campus Center
Sept. 8, Saturday	Economics Qualifying Exam, 10:00 a.m., Williams 301
Sept. 10, Monday	Christmas Term courses begin
Oct. 10-12	Undergraduate Open Period: Graduate classes WILL meet
November 9, Friday	Last day to finish incomplete courses of previous term
Nov. 19-24	Thanksgiving Vacation: no graduate classes
Nov. 26, Monday	Classes resume
Dec. 20, Thursday	Last day of graduate classes

TRINITY TERM - 1974

Dec. 3, Monday	Registration for Trinity Term opens
Jan. 12, Saturday	Economics Qualifying Exam, 10:00 a.m., Williams 301
Jan. 15, Tuesday	Trinity Term courses begin
Jan. 16, Wednesday	Final day for submitting application for conferral of Master's degree
Feb. 19-22	Undergraduate Open Period: Graduate classes WILL meet
March 18, Monday	Spring Vacation begins (graduate classes WILL NOT meet)
April 1, Monday	Classes resume
April 5, Friday	Last day to finish incomplete courses of previous term
May 1, Wednesday	Final day for submitting theses (signed and graded)
May 7, Tuesday	Last day of graduate classes
May 26, Sunday	Commencement Exercises for the 151st 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 graduate study.

Courses in the program lead to the degrees of Master of 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 a transcript of their undergraduate record at the time of registration.

No student who is employed on a full-time basis, whether or not a candidate for the Master's degree, may in his first term of study at Trinity register for more than one course. In subsequent semesters a limit of two courses is imposed. This rule was established 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 home or in the library, and most courses will include the prepara-

tion of a term paper or report. The Office of Graduate Studies is empowered to adjust these restrictions for students employed less than full time.

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, mathematics, philosophy, physics, political science, and Spanish. Graduate courses in several of these areas 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, a copy of 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.

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.

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.

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.

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 January 15 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.

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, and 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 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.

Enrollment in Courses

TUITION CHARGES

The tuition charge is \$180 per course, with the exception of the thesis (651-652), for which the charge is \$360. 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. This fee is payable only once during the Summer Term, whether the student registers for one or more sessions. 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, but a 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 will be the same as if the course were taken for credit.

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 first 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. The Graduate Office is open Monday through Friday from 9:00 A.M. to 5:00 P.M.

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 should register as early as possible.

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

All graduate courses, except those marked with a double asterisk (**), are open by permission to selected undergraduates in their junior or senior year.

Summer Term

Registration opens May 1.

Full payment of all costs must accompany each registration.

Registrations must be completed five days prior to the beginning of the course. Late registrations will be accepted through the first day of classes for courses in which openings remain and a late fee of \$5 will be assessed.

Students must attend those courses in which they have enrolled no later than the second meeting of each course.

No student will be allowed to register for more than two courses in a single session without special permission from the Dean of the Faculty.

Christmas Term

Registration opens on August 1.

A special advising and registration session will be held on Thursday, September 6, from 7:00 to 9:00 P.M., where students may meet with the graduate advisers in each field. Students who wish to do so may register at that session 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.

Trinity Term

Registration opens December 1.

There will be no adviser session prior to the Trinity Term. Students should consult with their advisers during the preceding term.

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. Approved Master's degree candidates will be given preference on enrollment in graduate courses.

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 5:00 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 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.

Preference is given to secondary school teachers. 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 \$1,500 per year are available for graduate study. The United States Government will subsidize the interest payments if the adjusted family income is \$15,000 or less and the student is enrolled on at least a "half-time basis." Information on state loan programs is available from the Director of Financial Aid at Trinity.

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.

General Information

THE TRINITY COLLEGE LIBRARY

Graduate study is possible only where there is a fine library. Trinity's collection of more than 490,000 volumes and 100,000 pamphlets, housed in a modern structure embodying the latest in library construction theory and method, provides exceptional opportunities for graduate study. The Library adds approximately 7,000 volumes per year and subscribes to over 1,500 periodicals.

Seminar classes often meet in the Library's seminar rooms, close by the volumes they utilize. The Reference Librarian provides assistance in the use of the Library in connection with term papers and theses.

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 tele-

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phone 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.

CORRESPONDENCE AND OFFICE HOURS

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).

The Graduate Office is open Monday through Friday, from 9:00 A.M. until 5:00 P.M.

HOURS: ACADEMIC YEAR

Classes

Classes which meet once during the week, Monday through Thursday, will be held in the evening from 7:00 to 10:00 P.M. unless stated otherwise in the course description; if scheduled for two meetings per week, the time is noted in the course description.

Mather Campus Center

Hours will be posted in Mather Campus Center.

McCook Library

Open specifically for graduate students Monday through Thursday evenings from 6:00 P.M. to 10:00 P.M.

Trinity College Library

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

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

Austin Arts Center

Hours will be posted in the Austin Arts Center.

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 \$15 per week. The cost is payable in advance, at the time of registration.

No single or double rooms will be available; each apartment will house three or 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. Students may occupy rooms only during sessions in which they are enrolled in class. Under no circumstances, however, may students occupy rooms prior to June 19 or after August 26. Further information about housing and other aspects of residential life will be provided by the Summer Term staff at the time of check-in. Dormitory reservation card will be sent to you upon request.

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 part of each morning, Monday through Friday. 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

Snack bar service will be available in Mather Campus Center on Monday through Friday, from 9:30 A.M. to 3:30 P.M. There are several other eating places within walking distance of the College.

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HOURS: SUMMER TERM

Classes

Classes meet Monday, Tuesday, Thursday and Friday, unless stated otherwise in the course description. Classes marked (†) will meet in the evening on June 20 and 21. No classes for these courses will be held on June 22. Class hours listed in the course description become effective June 25. Students will be notified of the evening hours at the time of registration.

Trinity College Library

Hours will be posted in the Library.

Mather Campus Center

Hours will be posted in Mather Campus Center.

Departmental Programs

CHEMISTRY

Chairman and Graduate Adviser:

Associate Professor Henry A. DePhillips, Jr.

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 Richard Scheuch

Graduate Adviser: Professor Robert A. Battis

The Master of Arts program in economics is designed for two categories of students: for men and women in business, education, and government who view the Master's degree as a terminal degree, the program provides an analytical approach to a variety of contemporary economic problems; for students who plan to pursue study beyond the M.A. degree, the program offers rigorous training in the fundamentals of the discipline. Students who are candidates for admission to the Master's program in economics 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.

Students who apply for candidacy for the Master's degree will normally have their applications reviewed after they have completed Economics 501 and 502. Graduate students who have not been admitted to the program may enroll in graduate courses offered by the Department with permission of the Graduate Adviser and the instructor of the course. Every Master's candidate must complete ten courses, including Economics 501, 502 and 541.

All persons who desire to major in economics, or who merely desire to register in Economics 501, must demonstrate competence to undertake 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 are not qualified to enroll in Economics 501 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. The qualifying examination will be administered on Saturday, September 8, 1973, and on Saturday, January 12, 1974, at 10:00 A.M. in Williams 301.*

Economics 501, 502 and 541 are required of all students admitted to candidacy after September 1972 and are normally taken in sequence before electing other course offerings. Students admitted to candidacy prior to September 1972 will normally be required to take Economics 651-652. (See course description of 651-652.) Economics 501 is a prerequisite for all other courses in the Department. Students may, with the approval of the Department, substitute for two of the elective courses in economics two courses from related disciplines. Certain courses taken at the Hartford Graduate Center, Rensselaer Polytechnic Institute may be counted toward the degree with the approval of the Graduate Adviser.

Courses in the Economics Program

500. Economic Principles and Problems	509. Corporation Finance
501. Microeconomic Theory	510. Money and Banking
502. Macroeconomic Theory	512. Mathematical Economics
503. Labor Economics	513. Socialism
504. Union-Management Relations	514. Urban Economics
505. Fiscal Policy	515. International Economics
506. Public Finance	516. International Economic Problems
507. History of Economic Thought	518. Basic Econometrics
508. Monopoly and Public Policy	521. Economic History of Western Europe

*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 and Maurice, *Economic Analysis*.

- | | |
|--|--------------------------|
| 522. Economic History of the United States | 541. Methods of Research |
| 523. Economic Development | 651-652. Thesis |
| 524. Comparative Economic Systems | |

Summer Term, 1973

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. Meetings: Monday and Wednesday 6:30-9:30 p.m., on May 21, 23, 30, June 4, 6, 11, 13, 18, 20, 25, 27, July 2, 4, 9. - Dunn

ECONOMICS 508. Monopoly and Public Policy (formerly Government and Industry). An examination of particular aspects of the role of government towards the problems of monopoly. The course is divided into two parts: Part One is an analysis of the regulation of public utilities and transportation as a substitute for monopoly pricing; Part Two is an analysis of the structure of American industry with special reference to antitrust policy as an instrument for preventing monopoly and promoting competition. Prerequisite: Economics 501 or permission of the instructor. Meetings: Tuesday and Thursday 6:30-9:30 p.m. May 22, 24, 29, 31, June 5, 7, 12, 14, 26, 28, July 3, 5, 10. Final Examination is July 12. There is an open period for the week of June 17. - Curran

Christmas Term - September 1973-December 1973

ECONOMICS 500. Economic Principles and Problems - Tuesday. The study of some 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. - Curran

ECONOMICS 501. Microeconomic Theory - Monday. 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 test. Those who receive a grade of Distinction on this test will be exempted from Economics 501. Those not qualified to enroll in Economics 501 should enroll in Economics 500. The qualifying examination will be held on Saturday, September 8, 1973, and on Saturday, January 12, 1974, at 10:00 a.m. in Williams 301. - Egan

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ECONOMICS 503. Labor Economics – Tuesday. An examination of the problems of wage earners in industrial societies with particular reference to the United States. Topics will include labor force and labor market analysis; wage determination in theory and practice; employment and manpower policies; economic impact of the union; hours and wages, social security and anti-poverty legislation. Prerequisite: Economics 501. – Scheuch

ECONOMICS 516(1). International Economic Problems – Wednesday. Topics will include the problems of world monetary liquidity, exchange rate adjustment mechanisms, and reserve currencies; tariff and non-tariff trade barriers; optimal capital flows, and international capital controls. Prerequisite: Economics 515. – Garston

ECONOMICS 541. Methods of Research – Thursday. An investigation into economic methodology including definitions of economics as a science and the problem of verification; will include an introduction to quantitative methods. Normally taken after completion of Economics 501 and 502 and prior to election of other courses. See *Degree Requirements*. Prerequisite: Permission of the Instructor. – Gold

****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. Required for students admitted to candidacy prior to September 1972. These candidates may, with the permission of the Graduate Adviser, substitute Economics 541 and one other elective course for Economics 651–652. See *Degree Requirements*. – Scheuch and Staff

Trinity Term – January 1974–May 1974

ECONOMICS 502. Macroeconomic Theory – Wednesday. Neo-Keynesian economic statics; basic models of real economic growth with full employment within a monetary system. Required of all majors. Prerequisite: Economics 501 or permission of the instructor. – Garston

ECONOMICS 505(2). Fiscal Policy – Thursday. A study of the role of fiscal policy as an instrument for managing the level and composition of demand, and the utilization of fiscal instruments and policies to achieve allocation and stabilization objectives within a federal system. Particular attention will be directed to the economic implications of government expenditures in the areas of defense, urban affairs, human resource development and income maintenance programs. Prerequisite: Economics 501 or equivalent. – Dunn

ECONOMICS 509(2). Corporation Finance – Tuesday. 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

ECONOMICS 518. Basic Econometrics – Monday. The application of empirical procedures to economic model testing and model building; will include regression and correlation analysis and problems of simultaneous equation bias. Prerequisite: Economics 541 and permission of the instructor. – Landsberg

****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. Required for students admitted to candidacy prior to September 1972. These candidates may, with the permission of the Graduate Adviser, substitute Economics 541 and one other elective course for Economics 651-652. See *Degree Requirements*. - Scheuch and Staff

EDUCATION

Chairman and Graduate Adviser:

PROFESSOR RICHARD K. MORRIS

Graduate study in education is broadly conceived by the Department as providing course offerings of value and interest for (a) elementary and secondary school teachers in service, (b) prospective secondary school teachers, (c) individuals in other occupations whose work is educational in character, and (d) those persons, not professionally concerned with education, who desire to achieve a better understanding of the problems currently facing public and independent schools.

The Department has held the number of highly specialized courses to a minimum. It believes that an understanding of the history, philosophy, and psychology of education is fundamental to the formulation of sound judgments on the specific issues in education today. Many of the courses are pertinent to education at all levels of instruction in both public and independent schools. In addition, the Department recommends that the student give consideration to the course offerings of the other departments, many of which are of interest to students majoring in education.

Candidates for the Master of Arts degree with a major in education must complete at least five courses within the Department. The candidate will be advised to select the remainder of the degree program from courses which will serve the best interests of the individual, provided the courses selected meet with the prior approval of his adviser. Either a thesis (Education 651-652) or its equivalent in course credits plus a Comprehensive Examination is required for the degree. Education 600: *Problems in Education* is no longer required of Master's degree candidates; this change in the degree requirements will be effective as of June 1, 1973.

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 twenty-four other states. Students desiring to prepare for secondary certification must be approved as candidates for the Master's degree (in education or another subject). Those interested should consult the Department concerning the details of the state requirements.

There may be special cases in which candidates who hold teaching positions may need substantial work to meet certification requirements. In these cases, the Department is prepared to assist such students and may require Education 491-492: Student Teaching. If student teaching is required of a candidate who has secured a teaching position and is not under the supervision of a critic teacher, supervision will be provided by the staff of the Department under Education 491-492. No graduate credit is given for Education 491-492.

strengthen limited subject-matter areas in which they are, or may be, employed to

In order to enable some candidates for the Master's degree in education to teach and thereby to improve their professional competence, the Department of Education, in collaboration with certain academic departments of the College, may recommend a program of studies whereby the teacher-candidate may include a maximum of two courses in undergraduate work for graduate credit. It is understood that this possibility will be approved only when there is a clear and specific need to meet prerequisites for advanced study available only by first taking certain undergraduate courses, as is often the case with the sequence of courses in the sciences and mathematics, and certain education courses required for certification in English. The two courses approved under this proposal will normally include junior and senior level courses offered in any term of the College (fall, spring or the summer sessions). Under no circumstances will credit be transferable from courses taken in fulfillment of the requirements for the Bachelor's degree at Trinity College or elsewhere, nor will permission be granted to transfer undergraduate credit to the student's graduate record for courses taken at any institution other than Trinity College.

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

Courses in the Education Program

- | | |
|--|--|
| 501. History of Education | 543. Principles of Guidance |
| 502. Philosophies of Education | 570. School Law |
| 503. Developmental Psychology | 580. Computer Programming and
the Teacher |
| 504. Differential Psychology | 581. Machine Computation in Secondary
Mathematics and Science |
| 507. School and Society | 600. Problems in Education |
| 521. Secondary School Teaching | 601. Seminar: Various Topics |
| 522. Secondary School Administration | 602. Seminar: Various Topics |
| 524. Secondary School Curriculum | 651-652. Thesis |
| 541. Educational Measurement and
Evaluation | |

Summer Term, 1973 – Session I, June 20 to July 20

†**EDUCATION 507. The School and Society.** A study of the school as a social institution. Data will be drawn from recent findings in anthropology, sociology, and psychology. Community power structure, social class economic status, and population problems in contemporary American society will be analyzed as these impinge on school policy. – Gaines 8:00–10:00 a.m.

EDUCATION 521. Secondary School Teaching. A study of secondary education in America, with emphasis upon current aims, curriculum patterns, and teaching methods and materials. Each student will be encouraged to pursue particular interests within his areas of academic specialization; for the student preparing to teach, course requirements will be pointed toward his professional practice. – Shipe 1:30–3:30 p.m.

****EDUCATION 601A. Seminar: Supervisory Practices for Improving Teacher Effectiveness.** This course is directed to present and prospective school administrators, supervisors, and department chairmen at all levels of instruction. The aim of the course is to assist participants in developing supervisory skills for systematic observation of classroom instruction. Particular emphasis will be placed upon the examination of the role of the classroom supervisor, methods of quantifying observational data, and techniques for improving teacher competence in the classroom. – Shipe 4:30–6:30 p.m.

†****EDUCATION 601B. Seminar: Urban Education.** The urban learner from a psychological perspective. The focus is on cognitive, linguistic, and motivational aspects of the learning problems of the urban child and on compensatory programs designed to meet these problems. An examination of relevant research literature and the more popular writings of educators is included. – Gaines 10:30 a.m.–12:30 p.m.

****EDUCATION 651–652. Thesis. Both terms. 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*. – Morris and Staff Conference hours by appointment.

Summer 1973, Six-Week Session – June 25 to August 3

EDUCATION 603. Studies in Film: Uses of Film in the School. A study of short and feature films relevant to several academic disciplines including science, social studies, English, and religion. An emphasis on film as propaganda and the social outcast, and the films of three major directors: Arthur Penn, Elia Kazan, and Alfred Hitchcock. At least two field trips to film studios and visits to class by film personalities. Lab fee \$25. – Andrews 3:30–5:00 p.m.

Summer Term, 1973 – Session II, July 23 to August 21

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

†This class will meet in the evening on June 20 and 21. See class hours on page 14.

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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. — Pratte 1:30–3:30 p.m.

EDUCATION 503. Developmental Psychology. A study of human behavior in terms of process, with an examination of representative theories of development as to both their underlying assumptions and their implications for educational practice. Attention will be centered on normal human development throughout the life span, and physical, mental, and emotional growth will be treated as parts of total maturational patterns. — Decker 10:30 a.m.–12.30 p.m.

****EDUCATION 600. Problems in Education.** A study through reading and discussion, of selected contemporary issues and problems in education. These areas will be studied in terms of the historical, philosophical, or sociological principles involved in their analysis and understanding and will be traced through all levels of the educational system. When possible, specialists from the major fields under consideration will participate in the discussions. — Pratte 4:30–6:30 p.m.

****EDUCATION 602A. Seminar: The Dynamics of School Learning Groups.** An investigation of group dynamics as they apply to the school learning group. Particular emphasis will be placed upon the relationship of group variables to the atmosphere of the classroom, the selection of classroom goals and tasks, and the rate and quality with which the tasks are accomplished. The roles played by students and teachers and leadership functions will also be studied. — Decker 8:00–10:00 a.m.

****EDUCATION 651–652. Thesis. Both terms. 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*. — Morris and Staff. Conference hours by appointment.

Christmas Term – September 1973 to December 1973

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 are required. Additional fee: \$10.00. — Shipe and Staff

EDUCATION 501. History of Education—Tuesday. 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. — Morris

EDUCATION 503. Developmental Psychology – Thursday. A study of human behavior in terms of process, with an examination of representative theories of development as to both their underlying assumptions and their implications for educational practice. Attention will be centered on normal human development throughout the life span, and physical, mental, and emotional growth will be treated as parts of total maturational patterns. – Decker

EDUCATION 521. Secondary School Teaching – Wednesday. A study of secondary education in America, with emphasis upon current aims, curriculum patterns, and teaching methods and materials. Each student will be encouraged to pursue particular interests within his areas of academic specialization; for the student preparing to teach, course requirements will be pointed toward his professional practice. – Schultz

***EDUCATION 601A. Seminar: Theories of Motivation Applied to Instruction – Monday.** 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

***EDUCATION 651–652. Thesis. Both terms. 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*. – Morris and Staff. Conference hours by appointment.

Trinity Term – January 1974 to May 1974

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 are required. Additional fee: \$10.00. – Shipe and Staff

EDUCATION 502. Philosophies of Education – Monday. An advanced course that will treat systematically and historically the vital issues that are involved in any general theory of education. Major philosophies of education will be studied comparatively by student participation on panels reviewing each of the principal positions; neo-scholasticism, rational humanism, idealism, naturalistic realism, experimentalism, and existentialism. Toward the end of the course the student will be requested to construct for himself a philosophy of education adequate for the evaluation of his subsequent professional practice. – Morris

EDUCATION 504. Differential Psychology – Tuesday. A study of individual, group and trait differences, and the validity and reliability of those measuring instruments used to measure them. – Schultz

EDUCATION 524. Secondary School Curriculum – Wednesday. A study of the history and problems involved in curriculum change in the secondary school, including an analysis of trends and developments in various subjects in the curriculum. Emphasis will be placed on the role of the local school faculty in curriculum development. – **Shipe**

EDUCATION 541. Educational Measurement and Evaluation – Tuesday. An analysis of the problems in construction of classroom tests with practice in construction of various test items and instruments. Simple statistical methods will be introduced and applied to an understanding of standardized tests of intelligence, aptitude, and school achievement. – **Decker**

EDUCATION 580. Computer Programming and the Teacher – Thursday. This course is designed to provide prospective and in-service teachers with an opportunity to study computer programming, the general nature of the languages developed and the use of one language, BASIC, designed especially for educational use. The course will review several applications of computer programming in instructional situations, with the course student acting as instructor. In addition, the student will write sample programs in the area of individual interest in order to better understand the applications of computer programming for instructional purposes. – **Blakeslee**

****EDUCATION 602A. Seminar: Comparative Education – Wednesday.** A comparative study of the structure, aims, and function of contemporary systems of education, including an analysis of the historical and sociocultural factors leading to their present forms. Certain representative systems will be emphasized, specifically: England, France, Germany, Italy, Russia, India, and Japan. The educational problems facing other nations of the world will be stressed for comparative purposes. Attention will be given throughout to the methodology employed by scholars in the field. Prerequisite: 501, *History of Education*, or permission of the instructor. – **Morris**

****EDUCATION 602B. Seminar: The Dynamics of School Learning Groups – Thursday.** An investigation of group dynamics as they apply to the school learning group. Particular emphasis will be placed upon the relationship of group variables to the atmosphere of the classroom, the selection of classroom goals and tasks, and the rate and quality with which the tasks are accomplished. The roles played by students and teachers and leadership functions will also be studied. – **Decker**

****EDUCATION 651–652. Thesis. Both terms. 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*. – **Morris 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 ad-

vanced 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. Courses:

1. English 553 or 554. *The Study of English*
2. A Period Course
3. A Genre Course
4. A Course in a Major Author (Note: The course taken to satisfy this requirement may not duplicate one taken to satisfy the requirements under 2 or 3 above.)
5. Elective
6. Elective
7. Elective
8. Elective
9. Thesis
10. Thesis (continued)

Program II. Courses:

1. English 553 or 554. *The Study of English*
2. A Period Course
3. A Genre Course

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4. A Course in a Major Author (Note: The course taken to satisfy this requirement may not duplicate one taken to satisfy the requirements under 2 or 3 above.)
5. Elective (See 10, below.)
6. Elective (See 10, below.)
7. Elective (See 10, below.)
8. Elective (See 10, below.)
9. Elective (See 10, below.)
10. Three seminar papers.

Courses 5, 6, 7, 8, and 9 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 on the general topic of "Chaucer's Use of Satire in Narrative Poetry," written under the guidance of a member of the Department. The responsibility for organizing such a program is on the student; his ability to organize will, in fact, be the preliminary test of his qualifications for taking this sequence.) After successful completion of the three papers, the student receives a total of one course credit, which constitutes full credit for Course No. 10.

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
521, 522.	Studies in Nineteenth Century British Literature	543, 544.	Chaucer
523, 524.	Studies in Nineteenth Century American Literature	545, 546.	Shakespeare
525, 526.	Studies in Twentieth Century British Literature	547, 548.	Milton
527, 528.	Studies in Twentieth Century American Literature	551, 552.	Studies in Linguistics
529, 530.	Studies in Contemporary Literature	553, 554.	The Study of English
		555, 556.	Studies in Literary Criticism
		561, 562.	Studies in Ideas
		563, 564.	Independent Reading
		651, 652.	Thesis

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. Approved Master's degree candidates will be given preference on enrollment in graduate courses.

PLEASE PRINT ON ALL FORMS

COLLEGE LAST ATTENDED _____

DATES OF ATTENDANCE _____

PERMANENT ADDRESS _____

CITIZEN OF WHAT NATION? _____

UNDER G.I. BILL? _____

NAME AND ADDRESS OF PERSON TO NOTIFY IN CASE OF EMERGENCY

Name

Phone

Address

AUTOMOBILE REGISTRATION

CHRISTMAS TERM
 TRINITY TERM
 SUMMER TERM

TRINITY COLLEGE PARKING PERMIT NO.

MISS
MRS.
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."

Summer 1973, Six-Week Session – June 25 to August 3

ENGLISH 511. Studies in Literary History: The Novel and Society. The study of the structures, techniques, and ideas of the novel from the revolt of the tradesman class, through the establishment of a bourgeois hegemony, to the period in which middle class writers rebelled against the cultural, economic, and political excesses of their class, concluding with the consideration of various attempts to use the novel as an instrument of cultural revolt against the middle class. Readings in Defoe, Austen, Dickens, Flaubert, Forster, Wells, Joyce, Wright, and Petry. Satisfies the requirement of a period or genre course. – Wasson 1:30–3:00 p.m.

ENGLISH 525. Studies in Twentieth Century British Literature: D. H. Lawrence and Feminism. A study of Lawrence's achievement with special attention to his relationship with the woman's movement in the first two decades of this century and contemporary disputes about feminism. Readings will include *Sons and Lovers*, *The Rainbow*, *Women in Love*, *The Fox*, *Lady Chatterley's Lover*, Forster, *Howard's End*, Woolf, *Mrs. Dalloway*, and Petry, *The Street*. Satisfies the requirement of a major author or period course. – Wasson 3:30–5:00 p.m.

ENGLISH 531. Studies in Genre: The Idea of Tragedy. An examination of representative tragedies and theories of tragedy from the Greeks to the twentieth century. Satisfies the requirement of a genre course. – Kuyk 3:30–5:00 p.m.

ENGLISH 537. Studies in Poetry. The development of themes and forms in English and American poetry. Readings in Chaucer, Spenser, Shakespeare, Jonson, Marvell, Milton, Blake, Wordsworth, Keats, Shelley, Whitman, Yeats, T. S. Eliot, W. C. Williams, Thomas, Roethke and others as well as readings in critical theory. Detailed analysis and class discussion of poems. Satisfies the requirement of a genre course. – McNulty 8:30–10:00 a.m.

ENGLISH 541(A). Hawthorne and Melville. A study of the major fiction of both writers, with emphasis on their explorations into the nature of language, of symbolism, and of the American promise. Satisfies the requirement of a major author or period course. – Wheatley 11:00 a.m.–12:30 p.m.

ENGLISH 541(B). Arnold and James. A study of two of the major figures linking the great Romantics with the literature of this century, and, in the case of James, helping to invent it. Readings in Arnold's poetry and major prose, and five James novels. Satisfies the requirement of a major author or period course. – Wheatley 1:30–3:00 p.m.

ENGLISH 541(C). Yeats. An intensive study of Yeats' poetry and plays with an emphasis on his literary and cultural milieu. Satisfies the requirement of a major author or period course. – Kuyk Tuesday, Thursday 7:00–10.00 p.m.

ENGLISH 553. The 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. – Smith 8:30–10:00 a.m.

ENGLISH 561. Studies in Ideas: Myth and Narrative. A study of the structural and thematic elements in classical mythology, the Bible, folk tales, narrative poetry, and fiction. – Smith 11 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. Studies in Film: Uses of Film in the School. A study of short and feature films relevant to several academic disciplines including science, social studies, English, and religion. An emphasis on film as propaganda and the social outcast, and the films of three major directors: Arthur Penn, Elia Kazan, and Alfred Hitchcock. At least two field trips to film studios and visits to class by film personalities. Lab fee \$25. — Andrews 3:30–5:00 p.m.

ENGLISH 605. Studies in Film: Film Production. This course will emphasize the importance of film scripting, experimental shooting, editing, and the use of special effects in super 8 and 16 mm film production. Each student will learn the basic concepts of handling a movie camera and complete several assignments in animation, pixillation, painting on films, and live subjects. Other phases of film production will be examined through screenings, workshops, and experience as a shooting crew member. Super 8 and 16 mm cameras will be available in a limited supply. Lab fee \$25. — Andrews Monday, Wednesday 7:00–10:00 p.m.

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 1973 to December 1973

ENGLISH 541. William Faulkner – Thursday. A study of Faulkner's Yoknapatawpha novels including *The Sound and the Fury*, *As I Lay Dying*, *Absalom, Absalom! Go Down*, *Moses*, and others, with an emphasis on the writer's response to his culture and history. Satisfies the requirement of a major author course. — Kuyk

ENGLISH 553. The Study of English – Monday. 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

ENGLISH 555. Studies in Literary Criticism: Biography – Tuesday. The study of works by and about major figures in twentieth century literature with some attention given to historical, political, and psychoanalytic biography. Selected studies of Joyce, Woolf, the Fitzgeralds, Ford, Conrad, and others, and some critical assessment of biography as it is being written, e.g., the biography of Samuel Beckett and other works in progress. — Bair

ENGLISH 561. Studies in Ideas: The Structures of Language – Wednesday. A study of writers whose attitudes toward language have helped to produce contemporary concepts of linguistics and literary criticism. Emphasis will be placed on the role language definition plays in society and on the value of understanding basic linguistic ideas. Authors studied will include Saussure, Wittgenstein, Whorf, Leonard Bloomfield, Suzanne Langer, Levi-Strauss, and Roland Barthes. — Riggio

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 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 1974 to May 1974

ENGLISH 512. Studies in Literary History: Marxism and Structuralism – Thursday. A study of several representative thinkers in two leading twentieth century European critical movements; the course will include the application of a number of Marxist and structuralist concepts to selected literary texts. Satisfies the requirement of a period course. – Freiman

ENGLISH 528. Studies in Fiction and Narrative Poetry: The Romance – Tuesday. A study of the formal and thematic elements of the romance pattern; readings in Anglo-Saxon, Medieval, and Renaissance narrative poetry and nineteenth and twentieth century fiction. Satisfies the requirement of a genre course. – Smith

ENGLISH 546. Shakespeare – Monday. An intensive study of twelve plays including histories, comedies, tragedies, with an emphasis on language, dramatic structure, production, and criticism. Satisfies the requirement of a major author course. – Dando

ENGLISH 556. Studies in Literary Criticism: Psychoanalysis and Literature – Wednesday. The analysis of selected Elizabethan and Jacobean plays in the light of theoretical works by Freud, Laing, and Norman O. Brown, and contemporary psychoanalytic literary criticism. – Weisgram

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

HISTORY

Chairman: PROFESSOR GEORGE B. COOPER

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

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651-652: *Thesis*. Students with extensive preparation in history may be permitted by their adviser to elect two courses in another department. The thesis is the final project of all candidates. A reading knowledge of one foreign language is required. Courses in history are available both during the Summer Term and the regular academic year.

Courses in the History Program

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|--|---|
| 505. Greece, 594 to 338 B.C. | 550. New England |
| 506. Greece, 338 to 200 B.C. | 551. The Colonial Period in American History |
| 507. The Roman Republic | 552. United States: The Formative Years |
| 508. The Roman Empire | 553. Civil War and Reconstruction |
| 511. The Middle Ages | 555. America in the Age of Uneasy Nationalism |
| 515. Renaissance Europe | 561, 562. United States as a World Power |
| 516. Reformation Europe | 563. United States: Reconstruction to 1910 |
| 517. Europe 1760-1870 | 564. The Age of Reform |
| 518. Expansion of Europe | 571. Latin America |
| 521, 522. European Diplomatic History | 577. Modern Canada |
| 525, 526. England | 580. Far East |
| 527. Twentieth Century Britain | 581. China |
| 531, 532. France | 585, 586. India |
| 535, 536. Germany | 590, 591. Africa |
| 537. Studies in Nineteenth and Twentieth Century European Intellectual History | 601, 602. Seminars: Various topics |
| 538. Italy | 651 - 652. Thesis |
| 541, 542. Russia | |

Summer 1973, Six-Week Session - June 25 to August 3

HISTORY 515. Renaissance Europe. An examination of the religious, political, economic, and cultural life of Europe from the fourteenth to the early sixteenth century with particular emphasis on the Italian Renaissance. - Painter 8:30-10.00 a.m.

HISTORY 516. Reformation Europe. An examination of the religious, political, and social life of Europe in the sixteenth and seventeenth centuries with particular emphasis on the Reformation. - Painter 11:00 a.m.-12:30 p.m.

HISTORY 548. Black Women in United States History. Positive roles played by Black women from antiquity and classical periods through today. Lecture, readings, discussion.- Nailor 1:00-4:00 p.m. Tuesday and Thursday July 10, 12, 17, 19, 24, 26, 31, August 2, 7, 9, 14, 16

Christmas Term - September 1973 to December 1973

HISTORY 538. Modern Italy - Wednesday. A survey of Italian history in the nineteenth and twentieth centuries with particular emphasis on the period from unification of Fascism and World War II. - Painter

HISTORY 581. China in Revolution – Tuesday. Various aspects of 20th-Century China: the nature of the Chinese revolution, reaction and reform in the early 20th Century, nationalism and Republican China, the CCP and KMT, the People's Republic. – Oxnam

HISTORY 601A. Seminar: The Twelfth Century – Monday. Each student will select for a report a topic on some aspect of the 12th Century. Particular attention will be paid to bibliography of the period. Prerequisite: a course in the Middle Ages or permission of the instructor. – Downs

HISTORY 601B. American Historiography – Thursday. Special topics in the literature of American history, method and techniques of research. – Weaver

****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. – Cooper and Staff

Trinity Term – January 1974 to May 1974

HISTORY 541. Imperial Russia – Wednesday. An analysis of the political, economic, social, and religious development of Russia to 1881. – West

HISTORY 551. Colonial Period in American history – Thursday. A social and cultural history emphasizing the intellectual, religious, and economic developments. – Weaver

HISTORY 591(2). African History, 1875 to the present – Tuesday. Topical studies of African society during the period of colonialization, decolonialization, and independence. – Steele

HISTORY 602A. Seminar: The Twelfth Century – Monday. See description of History 601A, Christmas Term. History 601A is not a prerequisite. – Downs

****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. – Cooper 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 session and required of all candidates in residence. This one-hour test will be given the second Wednesday of each session 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 will be administered once each year in mid-August. In 1973 the Examination will be held Wednesday, August 15 at 9:00 A.M. (first special author), Thursday, August 16 at 9:00 A.M. (Roman history and sight translation), and Friday, August 17 at 9:00 A.M. (second special author). Students planning to sit for these examinations should notify the Graduate Adviser in writing no later than the beginning of the second week of the first term of the summer in which they expect to take the Examination.

It is recommended that candidates plan not to enroll in courses during the session of the Summer Term in which the Comprehensive Examination is to be taken. They will, however, be permitted to take one course at this time - with permission of the Department Chairman.

The courses in Latin and Classical Civilization are offered in the Summer Term only. However, candidates may take courses in Greek and Roman history and linguistics in the Christmas or Trinity Terms whenever they are available.

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 Term, 1973 – Session I, June 25 to July 20

LATIN 512. Ovid. Representative selections from the *Amores*, *Ars Amatoria*, *Metamorphoses*, and *Tristia* with emphasis on the baroque quality of Ovid's work and his extensive later influence. – Bradley 1:15–3:15 p.m.

LATIN 517. Horace. Close literary analysis and study of representative selections from the *Satires*, *Epodes*, *Odes*, and *Epistles* (including the *Ars Poetica*). Open to those who have taken Latin 502. – J. Williams 8:00–10:00 a.m.

LATIN 602. History of Latin Literature. Extensive readings, research projects and papers dealing with the main ideas and issues (literary, philosophical, and political) of the Roman Empire, 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. – J. Williams 10:30–12:30 p.m.

Summer Term, 1973 – Session II, July 23 to August 21

LATIN 513. Tacitus. All of the *Agricola* will be read, along with a representative selection of books from the *Histories* and the *Annals*. Emphasis will be placed on the qualities and development of Tacitus' style and on his qualities as a historian: his estimate of Roman society, civilization and morals; his interpretation of personalities, and his view of the factors that most deserve the historian's attention. – Fenik 8:00–10:00 a.m.

LATIN 514. Medieval Latin. Introduction to medieval language and literature. Selected, brief readings in a wide variety of secular and ecclesiastical prose and poetry from the fourth to the twelfth century. Emphasis will be placed not only on appreciating the works themselves, but also on placing them in relation to classical norms in order to clarify some of the most important linguistic, stylistic and cultural differences between classical and medieval Latin literature. – Fenik 10:30 a.m.–12:30 p.m.

MATHEMATICS

Chairman and 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 re-

quest the permission of the Graduate Adviser, preferably at the Graduate Advising and Registration Session on the evening of September 6.

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 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 Complex Variable I, II	523. Foundations of Mathematics
509. Introduction to Numerical Analysis	525, 526. Topics from Analysis
511, 512. Advanced Numerical Analysis I, II	601. Introduction to Functional Analysis
	603. Functional Analysis and Applied Mathematics

From time to time, depending on student interest and demand, certain 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.

Summer Term, 1973 – June 4 to July 26

MATHEMATICS 525A. Ordinary Differential Equations. Theory and applications of ordinary differential equations. Existence and uniqueness of solution, theory of linear differential equations, qualitative theory, phase plane analysis, selected topics. No prior knowledge of differential equations is necessary. Prerequisite: Mathematics 502 or permission of the instructor. – Grafton Tuesday and Thursday 7:00–9:30 p.m.

MATHEMATICS 525B. Group Theory and Applications. A brief review of abstract groups. Topics from finite groups, matrix groups, and group representations. Applications of groups to the physical sciences. Prerequisite: an undergraduate course in abstract algebra or permission of the instructor. – Walde Monday and Wednesday 7:00–9:30 p.m.

MATHEMATICS 525C. Differential Geometry. Topics concerning curves in the plane and in space, including curvature and torsion. Topics concerning surfaces, including tangent planes and geodesics. An introduction to differentiable manifolds. Prerequisite: Advanced Calculus or permission of the instructor. – Walde Tuesday and Thursday 7:00–9:30 p.m.

MATHEMATICS 525D. Advanced General Topology. Limits, uniform spaces, topological groups. Prerequisite: Mathematics 517 or its equivalent. – Whittlesey Monday and Wednesday 7:00–9:30 p.m.

Christmas Term – September 1973 to December 1973

MATHEMATICS 501. Introduction to Analysis I – *Monday and Wednesday 7:00–8:15.* An introductory course in the fundamental concepts of real analysis. The real number system, convergence of sequences, topology of Cartesian spaces, continuous functions. Prerequisite: Permission of the Graduate Adviser. – **Klimczak**

MATHEMATICS 503. Theory of Functions of a Real Variable I – *Tuesday 7:00–9:30.* Elementary general topology and functional analysis, differential calculus in Banach spaces. Prerequisite: Permission of the Graduate Adviser. – **Whittlesey**

MATHEMATICS 507. Theory of Functions of a Complex Variable I – *Tuesday and Thursday, 5:30–6:45.* 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**

MATHEMATICS 523. Foundations of Mathematics – *Monday and Wednesday 7:00–8:15 p.m.* An introduction to concepts and questions in the foundations of mathematics. Mathematical induction, the natural numbers, the system of real numbers, infinite sets and transfinite arithmetic, philosophies of mathematics. Prerequisite: Mathematics 502 or permission of the instructor. – **Poliferno**

Trinity Term – January 1974 to May 1974

MATHEMATICS 502. Introduction to Analysis II – *Monday and Wednesday 7:00–8:15 p.m.* Differentiation and integration in Cartesian spaces, convergence of infinite series, sequences and series of functions, uniform convergence. Prerequisite: Mathematics 501. – **Klimczak**

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

MATHEMATICS 508. Theory of Functions of a Complex Variable II – *Tuesday and Thursday 5:30–6:45 p.m.* The expansion of analytic functions in series, poles, essential singularities, contour integration, the calculus of residues, analytic continuation, conformal mapping, entire functions. Prerequisite: Mathematics 507. – **Whittlesey**

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

MATHEMATICS 517(2). Topology – *Thursday 7:00–9:30 p.m.* Sets and functions, metric spaces and metrizable, topological spaces and their continuous maps, compactness, separation, connectedness. Prerequisite: Mathematics 502 or its equivalent. – **Whittlesey**

MATHEMATICS 519(2). Modern Algebra – *Tuesday and Thursday 5:00–6:15 p.m.* Topics selected from the following. Groups: subgroups and normal subgroups, factor groups, the

homomorphism theorems, permutation groups and Cayley's theorem, Jordan-Holder 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

MATHEMATICS 520. Linear Algebra – *Tuesday and Thursday 7:00–8:15 p.m.* Vector spaces, finite- and infinite-dimensional. Linear transformations and their representations. Prerequisite: Mathematics 502 or its equivalent, or permission of the instructor. – Walde

MODERN LANGUAGES

Chairman: PROFESSOR MICHAEL R. CAMPO

Graduate Adviser for French: PROFESSOR ROBERT P. WATERMAN

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 secondary school 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 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 about the first of October and of May. Each examination is oral, approximately one hour in length, during which the candidate will speak on a prepared topic, as well as be asked questions on the literature of the language. Students planning to take the examination should notify the adviser in writing no later than one month prior to the test date.

Although the program is designed primarily for summer study, the Department

offers usually two courses in French and two courses in Spanish for graduate credit in each semester of the regular academic year. It is, therefore, possible to complete the requirements for the Master's degree in a minimum of one academic year and two summers.

Courses in the Modern Languages Program

French

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

Spanish

- | | |
|--|---|
| 501. Linguistics | 519, 520. Studies in Twentieth Century Literature |
| 502. Stylistics | 521. Masterpieces of Spanish American Literature |
| 503. Culture and Civilization | 522. Colonial Spanish Literature |
| 504. Masterpieces of Spanish Literature | 523. The Spanish American Novel |
| 506. Cervantes | 524. Literature of the Caribbean |
| 507, 508. Studies in Medieval Literature | 525, 526. Studies in Poetry |
| 509, 510. Studies in Renaissance Literature | 527, 528. Studies in the Drama |
| 511, 512. Studies in the <i>Siglo de oro</i> | 529, 530. Studies in the Short Story |
| 513, 514. Studies in Eighteenth Century Literature | 531. Methods of Literary Criticism |
| 515, 516. Studies in Nineteenth Century Literature | 651, 652. Thesis |
| 517, 518. Studies in the Generation of '98 | |

Summer Term, 1973 – Session I, June 20 to July 20

†FRENCH 503. French Civilization. A study of the evolution of French society, ideas, ideals, morals, politics and way of life from 1900 ("La Belle Epoque") to the present, 1973, or, France at the Crossroads. – Chouleur 10:50 a.m.–12:50 p.m.

†This class will meet in the evening on June 20 and 21. See class hours on page 14.

†FRENCH 513. **The Shadow of the French Revolution and the Image of Napoleon in the Literature of the Nineteenth Century.** Authors and works to be discussed will include Chateaubriand, *Mémoires d'Outre-Tombe*; Balzac, *Les Chouans*; Stendhal, *La Chartreuse de Parme*; Vigny, *Servitude et Grandeur Militaire*; Hugo, *Quatre-Vingt-Treize*. – Chouleur 1:30–3:30 p.m.

†FRENCH 521. **Studies in Fiction: Le voyage imaginaire.** From the Middle Ages to the present, French writers have used this theme to explore Man's dreams and aspirations. Authors to be read will include Rabelais, Cyrano de Bergerac, Diderot, Voltaire, Chateaubriand, Rimbaud, Baudelaire, Saint-Exupéry, and Ionesco. – Waterman 8:30–10:30 a.m.

†SPANISH 507. **Studies in Medieval Literature.** Reading, analysis, and discussion of major works, from the *Poema del Cid* to *La Celestina*. Also included will be works by Gonzalo de Berceo, Don Juan Manuel, El Arcipreste de Hita, and Jorge Manrique. – Metzidakis 10:50 a.m.–12:50 p.m.

†SPANISH 511. **Poetry of the Golden Age.** A study of Spanish poetry from the *Romancero* through the Baroque period. Some of the poets included will be Garcilaso de la Vega, Herrera, San Juan de la Cruz, Fray Luis de León, Lope de Vega, Quevedo, and Góngora. – Metzidakis 1:30–3:30 p.m.

†SPANISH 519. **Twentieth Century Literature: The Theatre.** A survey of the dramatic trends and tendencies from Nobel Prize winner Benavente to the present. Other important dramatists will include Valle-Inclán, Jacinto Grau, Casona, Lorca, Alfonso Paso, Buero Vallejo, Alfonso Sastre, and others. – Andrian 8:30–10:30 a.m.

Summer Term, 1973 – Session II, July 23 to August 21

FRENCH 508. **Prose Literature of the Renaissance.** This course will provide a solid foundation toward the understanding of the main currents and problems of the French Renaissance. Rabelais, Montaigne XVIth century "conteurs," Calvin and the Reformation, the Counter-Reformation, and the Humanists will be discussed and analyzed. – Azibert 10:50 a.m.–12:50 p.m.

FRENCH 510. **Studies in Classicism: Prose of the Seventeenth Century.** Three different areas will be especially investigated and discussed: the novel and the letter, the philosophical essay, and the moralists' production. Authors to be studied will be Honoré d'Urfé, Charles Sorel, Mlle de Scudéry, Mme de la Fayette, Mme de Sévigné, Descartes, Pascal, Bossuet, La Rochefoucauld, Le Cardinal de Retz, and La Bruyère. – Azibert 1:30–3:30 p.m.

SPANISH 530. **The Short Story in Spanish America.** A study of a selected number of short stories, principally of the modern and contemporary periods. Among the authors included are Manuel Díaz Rodríguez, Manuel Gutiérrez Nájera, Rubén Darío, Horacio Quiroga, Jorge Luis Borges, Julio Cortázar, Carlos Fuentes, and Gabriel García Márquez. – Kerson 9:00–11:00 a.m.

†This class will meet in the evening on June 20 and 21. See class hours on page 14.

Christmas Term – September 1973 to December 1973

FRENCH 505. Studies in Medieval Literature – Wednesday. A study of the epic and lyric poetry, and of the prose of the Middle Ages, including the *Chanson de Roland*, the *roman breton*, the *fabliaux*, and dramatic literature. Modernized versions, alongside the original whenever possible, will be used. – Waterman

FRENCH 531. Explication de Textes – Monday. Utilizing the traditional French method of literary analysis, this course is designed to introduce the student to the intense critical examination of selected short passages of prose, poetry and drama. The objective of such a study is to enhance the appreciation of literary and aesthetic qualities of a text and the artistic resources of its author. – Desrosiers

SPANISH 515. Studies in Nineteenth Century Literature: The Realist Novel, I – Tuesday. A study of the most important novels and novelists of the second half of the nineteenth century, beginning with Fernán Caballero and including, among others, Alarcón, Valera, Pereda, and Galdós. Special emphasis will be given to the theory of the realist novel, as exemplified by these works. – Andrian

SPANISH 531. Methods of Literary Criticism – Thursday. A study of the methods and approaches to literary criticism and analysis as specifically applied to Hispanic poetry. This course is particularly recommended for those who are beginning their graduate studies in Spanish. – Kerson

Trinity Term – January 1974 to May 1974

FRENCH 518. Studies in Poetry: Baudelaire – Monday. A study in depth of the poetry and thought of Baudelaire. Besides *Les Fleurs du Mal* and *Le Spleen de Paris*, other works will include the journals, literary criticism, and the other arts. A study will also be made of the literary climate of the times in the writings of the romantics and the Parnassians, and of Baudelaire's influence on Symbolism and Surrealism. The relation between Baudelaire and Poe will be made by studying Baudelaire's translations. – Katz

FRENCH 522. Studies in Twentieth Century Fiction – Wednesday. A study of the major trends in the twentieth century novel. Authors to be studied include Proust, Mauriac, Malraux, Sartre, Camus, Beckett, and others. Lectures, discussions, class reports, and written work. – Pretina

SPANISH 503. Culture and Civilization: Cultural Themes in Spanish American Literature – Thursday. Primarily through the essay and novel, a select number of cultural themes will be explored, such as: the contribution of the Spanish colony; the Mexican and Argentinian self-definition; dictatorship as myth and reality; idealism and pan-Spanish Americanism. – Kerson

SPANISH 516. The Realist Novel, II, and Naturalism – Tuesday. A continuation of Spanish 515. Authors to be read and discussed will include Galdós, especially his novels of naturalistic tendencies, Pardo Bazán, Clarín, and Blasco Ibáñez. – Bianchini

PHILOSOPHY

Chairman: ASSOCIATE PROFESSOR RICHARD T. LEE

Graduate Adviser: ASSOCIATE PROFESSOR DREW A. HYLAND

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. For any student, moreover, the department will make available a certain number of individual tutorials should the course offerings over a two or three-year period not suit his particular needs or requirements.

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

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|--------------------------------|---------------------------------|
| 500. Problems in Philosophy | 513. Philosophy of Recent Drama |
| 501. Pragmatism | 515. Existentialism |
| 504. Philosophy and Revolution | 530. Philosophy and Science |
| 505. Logic | 543. Aristotle |
| 506. Advanced Logic | 547. Hume and Kant |
| 507. History of Philosophy I | 548. Whitehead |
| 508. History of Philosophy II | 549. Continental Rationalism |
| 509. Ethics | 551. Plato |
| 510. Philosophy of Art | 651, 652. Thesis |
| 512. 19th Century Philosophy | |

Summer Term, 1973 – Session I, June 20 to July 20

PHILOSOPHY 503. Ethics. The ethical writings of Aristotle, Kant, and Mill will be examined in some detail. Problems such as the nature of the good life, obligations owed to ourselves and others, the idea of happiness, and the role of society in forming our ethical opinions will be examined. The course will conclude with Benedict's *Patterns of Culture* and Skinner's *Walden Two*. – Lee 6:00–8:00 p.m.

PHILOSOPHY 510. Philosophy of Art. This course will begin with an examination of various answers to such questions as why there is art, or what role art plays 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. The course will conclude with a study of art as exemplifying a general theory of symbolic systems, thus relating modes of art to the symbolic processes of science and language in general. – Brown 9:00–11:00 a.m.

Summer Term, 1973 – Session II, July 23 to August 21

PHILOSOPHY 515. Studies in Existentialism: Nietzsche. A number of Nietzsche's major works will be read and discussed. In addition to clarifying positions and opinions held by Nietzsche, the course will make some attempt to trace the effects of those opinions on later European philosophy, particularly the nihilistic tradition. – Hyland 5:30–7:30 p.m.

PHILOSOPHY 550. Marx. An introduction to the political and social thought of Karl Marx, with special attention to the relevance of Marx's thought to the modern world. Topics include the Hegelian foundations of Marx's thought, the nature of alienation, the functions of the state, human freedom, the philosophy of history, the family, and the sociology of knowledge. – Lerner 8:00–10:00 p.m.

(Note: Undergraduates who wish to register for any of the above philosophy courses should consult the department chairman.)

Christmas Term – September 1973 to December 1973

PHILOSOPHY 501. Pragmatism. A study of some of the major works of C. S. Peirce, James, Royce, Santayana, and Dewey. The course will emphasize the systematic relatedness of these philosophers' positions, and will show how pragmatism and the American tradition stand in regard to the major traditions of Western philosophy. – Lee Monday 1:15–3:55 p.m.

PHILOSOPHY 527. Philosophy of Psychology. An inquiry into various philosophical problems of psychology, including the nature of psychological explanation, the construction of psychological theories, and the possibility of a mechanistic reduction of psychological theoretical terms. – Stafford Wednesday 7:00–10:00 p.m.

PHILOSOPHY 544. Hegel (I). This is a two semester course whose main purpose is first to prepare for, and then carry out, a study in depth of Hegel's *Phenomenology of Spirit*. In the first semester, the philosophic context in which Hegel's thought will be discussed, and several of his lectures on history, and the philosophy of history, art, and religion will be studied as back-

ground. In the first semester we will study the first four sections of the *Phenomenology of Spirit*. In addition, certain influential commentaries on Hegel will be studied, including those of Kojève, Fackenheim, and Marcuse. In the second semester we will complete the last four sections of the *Phenomenology*. The study of commentaries will be continued, with an eye to understanding the cultural influence that Hegel has had, in addition to considering the truth of his position. — Hyland Tuesday 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 1974 to May 1974

PHILOSOPHY 520. Philosophy of Social Science. The course will be concerned with the following sorts of questions: What kinds of explanations make sense when we are dealing with human beings in societies? Can we develop a value-neutral social science? If not, how does a social science reflect the interests of a particular social class or order? How do social arrangements influence our perceptions of ourselves and our possibilities? What would a social science look like that was consistent with our desire for human liberation? — Lerner Tuesday 7:00–10:00 p.m.

PHILOSOPHY 524. Philosophy of the State – *Wednesday*. An inquiry into the theory of justice. The investigation will be concerned both with the question of the nature of justice in the abstract and with an evaluation of various theories of social organization (such as capitalism or socialism) with regard to their approximation to ideal justice. Special attention will be paid to the rights and duties of the individual versus the rights and duties of society. — DeLong

PHILOSOPHY 554. Hegel (II). A continuation of Hegel (I). — Hyland 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: ASSOCIATE PROFESSOR CHARLES MILLER

Graduate Adviser: ASSOCIATE PROFESSOR ALBERT HOWARD

I. The Physics Graduate Program

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 interest in physics. The emphasis is on courses which provide the background for work being done in present-day research and development lab-

oratories. Opportunities are also available for directed research and independent study.

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. These must include Physics 505 and three out of the four courses Physics 501, 503, 508, and 513. The remaining courses will normally be in mathematics and the natural sciences. Approved RPI courses may be credited as physics courses in accordance with the joint plan described in Section 2.

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. Students who are planning to become degree candidates are normally expected to begin their course work with Physics 505. In order to be admitted to this course, all students should discuss their academic preparation with the Graduate Adviser.

2. *Trinity College – RPI Hartford Graduate Center Joint Plan*

Trinity College and the Hartford Graduate Center of the Rensselaer Polytechnic Institute have established a joint plan for granting credit in graduate courses. This plan applies to the M.S. in Physics degree program at Trinity and the M.S. in Engineering Science with option in Physics and Nuclear Engineering at RPI. To receive the Master of Science degree under this plan, a student must complete a minimum of ten courses, of which at least six courses must be taken at one institution, hereafter called the home institution. The student may take up to four approved courses at the other institution. Each student is admitted at either RPI or Trinity according to each institution's procedures and regulations. If a student desires to change his home institution, he must apply for transfer of his program not later than upon completion of his fourth graduate course. A student with graduate course credits from institutions other than Trinity and RPI will be subject to the present rules on transfer credits at the institution which becomes his home institution. Such a student will be expected to take at least six courses at the home institution.

For approval of cross registration, Trinity students must consult the Graduate Adviser at Trinity College.

Courses in the Physics Program

PHYSICS 501, 502. Classical Mechanics
503, 504. Electricity and Magnetism
505. Mathematical Physics

508. Statistical Physics
509. Nuclear Physics
511. Atomic Physics

513, 514. Quantum Mechanics
519. Solid State Physics

530, 531. Independent Study
601, 602. Research

Christmas Term – September 1973 to December 1973

PHYSICS 501. Classical Mechanics I – Monday and Wednesday, 5:00–6:15 p.m. Newtonian mechanics of point masses, Lagrange's equations, central force problems, rigid body dynamics, systems with small oscillations. Prerequisite: at least four undergraduate courses in physics and four in mathematics, including a course in mechanics. – Lindsay

PHYSICS 505. Mathematical Physics – Monday and Wednesday, 7:00–8:30 p.m. Special topics in mathematical methods of physics. The topics are selected to meet the needs and interests of the students. Typical ones might be: matrix methods and eigenvalue problems, Fourier analysis, ordinary and partial differential equations, approximation methods. The course is designed to provide the analytical background for other advanced physics courses. – C. Miller

PHYSICS 513. Quantum Mechanics I – Tuesday and Thursday, 5:00–6:15 p.m. The physical basis and analytical structure of quantum mechanics. The material will be based mainly on applications of Schrodinger's equation, including approximate methods of solution, and some use of matrix methods. – Gregory

PHYSICS 530. Independent Study – Hours to be arranged. Special topics in physics such as optics, acoustics, low temperature physics, history of physics, advanced topics in mathematical and computational physics. This course is intended for advanced candidates: Consult the graduate adviser concerning enrollment in this course.

Trinity Term – January 1974 to May 1974

PHYSICS 511. Atomic Physics – Monday and Wednesday, 5:00–6:15 p.m. The physics of the atom: Topics to be considered include the structure of multi-electron atoms, the static and dynamic properties of atomic states, the atomic spin orbit interaction, origins of fine and hyper-fine structure, and atomic transition probabilities. Prerequisite: Physics 505. – Howard

PHYSICS 531. Independent Study – See Physics 530, Christmas Term, above.

POLITICAL SCIENCE

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. Admission to graduate study in the Department will be limited to students having an under-

graduate average of B— or better unless there is other substantial evidence, such as particularly high scores on the Graduate Record Examination or particularly high grades in a political science major, that the student is qualified for graduate study. The Department may require Political Science 501 of any beginning student.

Candidates for the Master of Arts degree are required to complete a total of ten courses, including Political Science 651–652 or Political Science 631–632. At least six of the ten courses must be in the Department. Some courses listed in the undergraduate Catalogue numbered in the three or four hundreds may be taken for graduate credit with the permission of the Graduate Adviser and the course instructor who may establish special requirements. In exceptional circumstances, the Graduate Adviser may permit students wishing to take courses not given at Trinity to transfer up to six semester hours (two courses) from another institution.

Students with an approved program of study may be given permission to take up to four courses in other departments, provided the courses are related to the program. The Graduate Adviser must approve all courses taken outside the Department.

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.

Students with a Bachelor's degree who do not intend to become candidates for the Master's degree in Political Science but who wish to take courses offered by the Department may do so provided they have the permission of the Graduate Adviser.

Further information may be obtained from the Graduate Adviser.

Courses in the Political Science Program

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|--|--|
| 501. Introduction to Political Science | 519. Comparative Politics of the Third World |
| 502. American National Government | 520. History of Political Thought: Machiavelli to Burke |
| 504. American Political Thought | 521. International Politics |
| 506. The Politics of Confrontation | 522. International Law |
| 507. Constitutional Law: The Federal System and Separation of Powers | 523. International Organization |
| 508. Totalitarian Government and Politics | 526. The Philosophy and Methodology of Empirical Political Science |
| 509. Congress and the Legislative Process | 532. Comparative Politics |
| 511. Public Administration | 533. Political Ideologies |
| 512. Urban Politics | 534. Political Leadership |
| 513. American Political Parties | 542. State and Local Government |
| 515. American Foreign Policy | 580. Government and Politics of Asia |
| 516. Constitutional Law: Individual Liberties and Civil Rights | 621. Independent Study |
| 517. Government and Politics of Latin America | 631–632. Individual Tutorial |
| | 651–652. Thesis |

Summer Term 1973

POLITICAL SCIENCE 509. Environmental Law and Public Policy. This course will be divided into two parts. The first part will deal with the theory of environmental law and specific legal cases. The second part will be devoted to public environmental policy. During the second part, each student will prepare a case study of an environmental policy decision. These policy decisions may concern such problems as water treatment facilities, planned communities, wet lands, highways, marinas, recreational areas, etc. Guest critics, who are specialists in environmental law and administration, will be invited to attend class to comment on particular case studies. — McKee Tuesday and Thursday June 5 to August 2. 6:30–8:30 p.m.

POLITICAL SCIENCE 592. Comparative Studies in the Politics of Canada, Great Britain, and the U.S.A. Three countries with many common roots and complex interrelationships but widely divergent environments, development and current problems and practices.

Topics to be considered: the constitutional frameworks, political cultures, political parties and the class structures, basic rights and privileges, U.S.-Canadian federal-state (provincial) relationships, aspects of national welfare programs.

A sound knowledge of the U.S. political system is assumed. Emphasis in reading assignments will be placed on Canada and the U.K. Open to undergraduates with at least two courses in political science with a grade of B or higher and written permission of the instructor. — Neaverson 6:00–8:30 p.m. June 12, 18, 19, 21, 25, 26, 28, July 3, 5, 10, 12, 17, 19, 24, 26

****POLITICAL SCIENCE 621. Independent Study.** Individual research on a selected topic under the guidance of a department member. Permission granted to specially qualified candidates only. Not a substitute for the thesis course. May be taken once only. — Staff

****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. See *Degree Requirements.* — 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

Christmas Term – September 1973 to December 1973

POLITICAL SCIENCE 501. Introduction to Political Science – Wednesday 7:00–10:00 p.m. This course may be required of all candidates. Exemption from it is by permission of the Graduate Adviser. The course is organized as follows: 1. Aspects of the development of Western political philosophy. 2. Modern analytical concepts and approaches to political analysis. 3. Institutional Theory and Comparative Politics. 4. Time permitting, an analysis of some fundamental problems of constitutional representative government. — Reilly

POLITICAL SCIENCE 512. Urban Politics – Wednesday 7:00–10:00 p.m. This course is designed to provide each student with a comprehensive understanding of a particular urban political system. Each student will also complete an indepth study of a particular urban function.

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Members of the class will be asked to share empirical information and to participate in team projects where appropriate. (More detailed information is available in the Political Science Department 527-3151, Ext. 318, 413.) – McKee

POLITICAL SCIENCE 519. Comparative Politics of the Third World – Monday 7:00–10:00 p.m. A comparative study of political patterns and social forces in the developing states of the non-western world and an examination of domestic and foreign policy interactions of selected countries in the Third World. – Reilly

POLITICAL SCIENCE 580. Government and Politics of Asia – Tuesday 7:00–10:00 p.m. Details to be announced.

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****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. See *Degree Requirements.* – 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 1974 to May 1974

POLITICAL SCIENCE 508. Soviet Political Institutions – Wednesday 7:00–10:00 p.m. An analysis of the origins and nature of the Soviet system; the roles of the party, government, bureaucracy, military; the accomplishments and weaknesses of the system; the prospects of continuity and change. – Hendel

POLITICAL SCIENCE 514. Elections and Voting Behavior – Monday 7:00–10:00 p.m. The course will cover the theory and practice of voting in Western democratic societies. Among the topics covered will be the impact of electoral systems, sociological and psychological explanations of voting behavior, and the meaning of the vote for the voter and for the political system in which he participates. – Jacobson

POLITICAL SCIENCE 533. Political Ideologies – Tuesday 6:00–9:00 p.m. An examination of political ideas, theories, and movements in twentieth century Europe and North America, with emphasis on the years since 1945.

The course will begin with a survey of current democratic orthodoxies of the left and right and continue with an analysis of radical positions critical of those orthodoxies. These ideas will be presented in the context of: social classes, political elitism, participatory democracy, democratic socialism, science and government. – Neaverson

POLITICAL SCIENCE 542. State and Local Government – Wednesday 7:00–10:00 p.m. Emphasis will be upon the interface between the State's political system and the political sub-

systems of local communities. The State of Connecticut and communities in the greater Hartford area will be used as models for applying theory studied in various texts. Each student will be required to complete a term project. – McKee

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Faculty and Administration

THEODORE D. LOCKWOOD, PH.D.

President

EDWIN P. NYE, SC.M.

Dean of the Faculty

CAROLE M. LAWSON, B.S.

*Administrative Assistant to the Dean of the Faculty
Graduate and Summer Office*

THOMAS ANDREWS, B.S.

Visiting Artist in Film

Kent School

GUSTAVE W. ANDRIAN, PH.D.

Professor of Modern Languages

MIREILLE AZIBERT, PH.D.

*Visiting Associate Professor of Modern
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DEIRDRE BAIR, PH.D.

Visiting Assistant Professor of English

ANDREA BIANCHINI, M.A.

Instructor in Modern Languages

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GEORGE B. COOPER, PH.D.

Northam Professor of History

WARD S. CURRAN, PH.D.

Professor of Economics

JOHN A. DANDO, M.A.

Professor of English

MARTIN G. DECKER, ED.D.

Associate Professor of Education

HOWARD DELONG, PH.D.

Professor of Philosophy

NICOLE S. DESROSIERS, M.A.

Instructor in Modern Languages

NORTON DOWNS, PH.D.

Professor of History

LEROY DUNN, PH.D.

Associate Professor of Economics

FRANCIS J. EGAN, PH.D.

Assistant Professor of Economics

BERNARD C. FENIK, PH.D.

Visiting Associate Professor of Classical Languages

Princeton University

- MARK J. FREIMAN, PH.D.
 JOHN S. GAINES, ED.D.
King College
 NEIL H. GARSTON, PH.D.
 ANDREW J. GOLD, PH.D.
- ROBERT B. GRAFTON, PH.D.
 BROOKE, GREGORY, PH.D.
 SAMUEL HENDEL, PH.D.
 DREW A. HYLAND, PH.D.
 GARY C. JACOBSON, PH.D.
 DORI KATZ, PH.D.
 ARNOLD L. KERSON, PH.D.
 WALTER J. KLIMCZAK, PH.D.
- DIRK A. KUYK, JR., PH.D.
 MARTIN LANDSBERG, M.A.
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Assistant Professor of Physics
Professor of Political Science
Associate Professor of Philosophy
Assistant Professor of Political Science
Assistant Professor of Modern Languages
Associate Professor of Modern Languages
Seabury Professor of Mathematics and Natural
Philosophy
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Instructor in Economics
Professor of Philosophy
Assistant Professor of Philosophy
Professor of Physics
Associate Professor of Political Science
Professor of English
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- Professor of Physics*
Professor of Education
Instructor in History and Intercultural Studies
Professor of Political Science
Assistant Professor of History
Associate Professor of History
Associate Professor of Mathematics
Visiting Associate Professor of Education
- Assistant Professor of Modern Languages*
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Assistant Professor of English
G. Fox and Company Professor of Economics
Assistant Professor of Education
Assistant Professor of Education

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H. MCKIM STEELE, JR., PH.D.

RALPH E. WALDE, PH.D.
RICHARD WASSON, PH.D.

Livingston College, Rutgers University

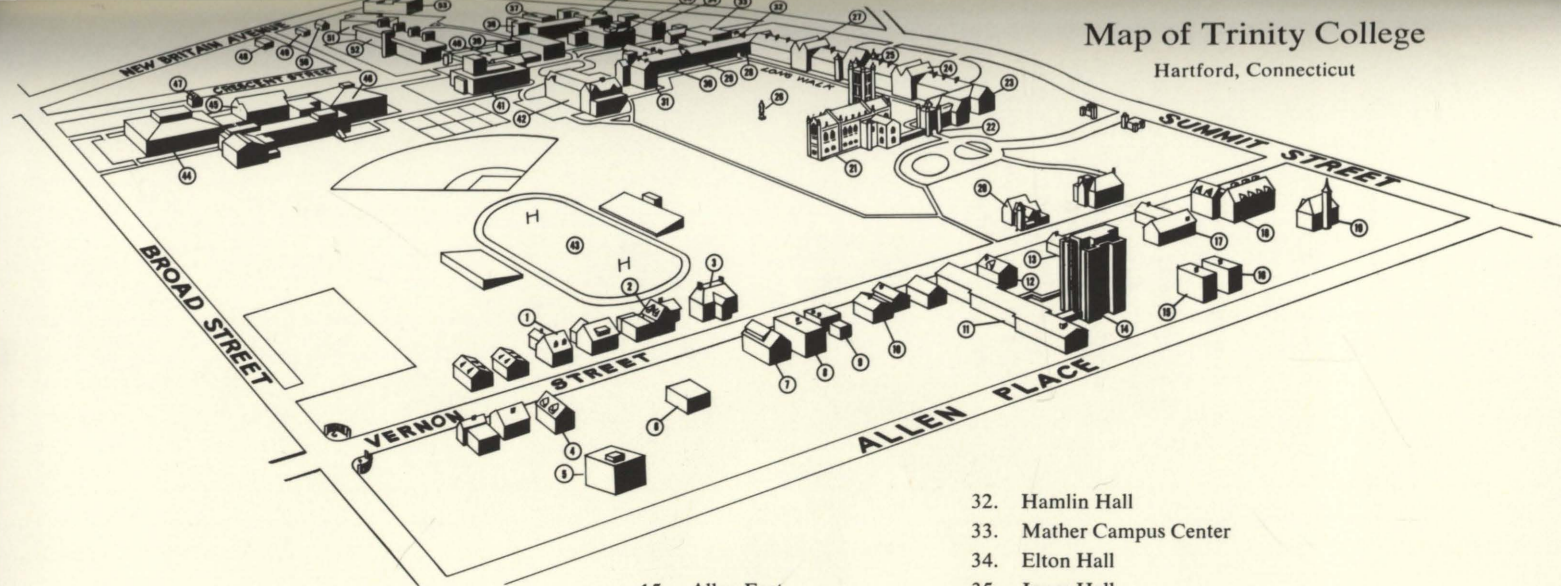
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JAMES L. WEST, M.A.
JAMES H. WHEATLEY, PH.D.
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*Professor of English
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Associate Professor of History and Director of
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Assistant Professor of Mathematics
Visiting Professor of English*

*Professor of Modern Languages
Professor of History
Assistant Professor of English
Instructor in History
Associate Professor of English
Professor of Mathematics
Professor of Classical Languages*

Map of Trinity College

Hartford, Connecticut



1. Dean for Community Life (Residence)
2. Alumni and Public Information Offices
3. Psi Upsilon
4. 70 Vernon St.
5. 121 Allen Place
6. 76 Vernon St.
7. 86-88 Vernon St.
8. 90-92 Vernon St.
9. Pi Kappa Alpha
10. Delta Kappa Epsilon
11. North Campus Dormitory
12. The Black House
13. Alpha Chi Rho
14. High Rise Dormitory

15. Allen East
16. Allen West
17. Alpha Delta Phi
18. Ogilby Hall
19. Delta Psi (St. Anthony)
20. The President's House
21. College Chapel
22. Downes Memorial
23. Williams Memorial (Administrative Offices)
24. Jarvis Hall
25. Northam Towers
26. Bishop Brownell Statue
27. Seabury Hall
28. Cook Dormitory
29. Woodward Dormitory
30. Goodwin Dormitory
31. Clement Chemistry Building (Kriebel Auditorium)

32. Hamlin Hall
33. Mather Campus Center
34. Elton Hall
35. Jones Hall
36. Wheaton Hall (Infirmary)
37. Smith Hall
38. Jackson Hall
39. McCook Math-Physics Center
40. Halden Engineering Laboratory
41. Austin Arts Center (Goodwin Theatre)
42. The Library
43. Jessee Field
44. Memorial Field House
45. Trowbridge Memorial Pool
46. George M. Ferris Athletic Center
47. 30-32 Crescent St.
48. 194-196 New Britain Ave.
49. 216 New Britain Ave.
50. 220-222 New Britain Ave.
51. Buildings and Grounds
52. Albert C. Jacobs Life Sciences Center
53. Connecticut Public Television



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