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Trinity College

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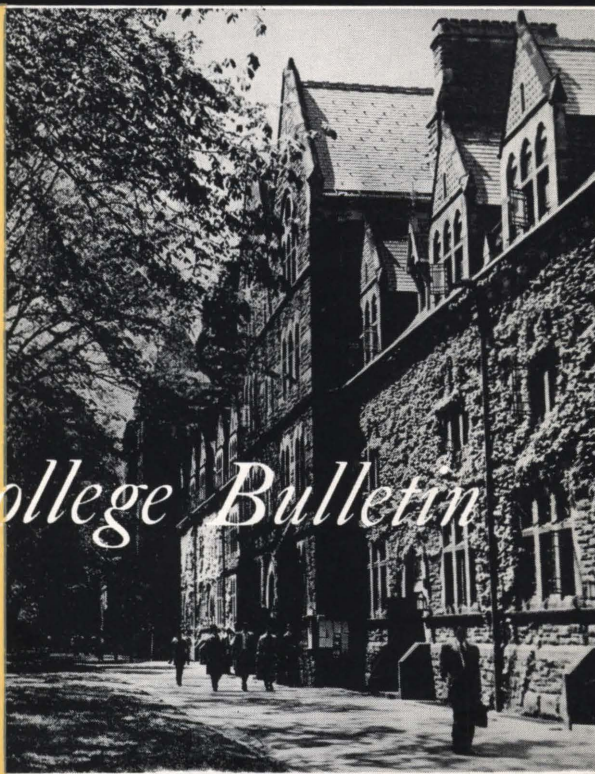
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Trinity College
HARTFORD CONNECTICUT

Trinity College Bulletin



Graduate Studies 1960-1961

August 1960

CALENDAR

1960

Sept. 19, Monday	Christmas term begins
Nov. 8, Tuesday	Election day: no evening classes (the library will be open)
Nov. 22, Tuesday	Thanksgiving vacation begins at 10:00 p.m.
Nov. 28, Monday	Classes resume
Dec. 17, Saturday	Christmas vacation begins at 12:00 noon

1961

Jan. 3, Tuesday	Classes resume
Jan. 21, Saturday*	Christmas term ends at 12:00 noon
Feb. 1, Wednesday	Trinity term begins
March 21, Tuesday	Spring vacation begins at 10:00 p.m.
April 1, Saturday	Final day for submittal of: 1. Requests for comprehensive examination 2. Application to receive Master's degree
April 4, Tuesday	Classes resume
May 1, Monday	Final day for submittal of theses
May 29, Monday*	Trinity term ends at 10:00 p.m.
June 11, Sunday	One Hundred and Thirty-fifth Commencement
June 25, Monday	Summer School begins

* Final examinations in courses requiring them will be administered at the final class meeting of each term.

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FIRST CLASS

Permit No. 34

Hartford, Conn.

BUSINESS REPLY MAIL

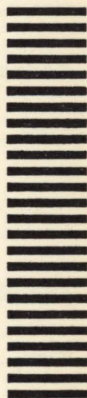
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POSTAGE WILL BE PAID BY

SUMMER SCHOOL

TRINITY COLLEGE

HARTFORD 6, CONN.



REGISTRATION IS NOW OPEN

**Many classes are strictly limited in size. Registrations
will be accepted in the order in which they are received.**

Please send copies of the Bulletin of the 1961 Trinity College Summer Session to:

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

Registration has been made as simple as possible. Just fill out the two cards at the back of this bulletin and mail them with registration deposit to the Director of the Summer School, Trinity College, Hartford 6, Conn. Unless you receive word to the contrary you may go directly to the first meeting of your classes. Room numbers are included in the course descriptions.

If you prefer to register in person the Director or his assistant will be pleased to assist you in your choice of courses.



Graduate Studies at Trinity College

AMONG the many problems facing American education none is more important than the problem of graduate education. Contemporary culture, constantly increasing in complexity, needs a constantly increasing number of individuals whose education has extended beyond the Bachelor's degree. Unfortunately, the proportion of the population free to engage in graduate study to the exclusion of all other activity is likely to increase little if at all. Society's need for individuals with graduate education must be met in other ways.

A partial solution to this need is provision for further scholarly development of talented men and women who because of financial or family or professional obligations cannot expect ever to engage in full-time graduate study. There are many men and women who are willing to devote much of their leisure time to study and whose ability, previous education and experience, and strong professional or personal motivation insure that the quality of their academic performance will be excellent. For such persons Trinity College has since 1927 offered a program of evening graduate study.

Trinity recognizes that neither society nor the individual is served if an advanced degree earned in part-time study represents a smaller achievement in learning than the same degree earned in full-time study. The conditions under which graduate study can be satisfactorily pursued by persons who must be primarily engaged in other activities are not easily supplied. As a result of its considerable experience 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. Trinity's provision for each of these requisites will be explained in the pages which follow.

Trinity is a liberal arts college. It recognizes that the distinction between professional and non-professional courses at any level is arbitrary and artificial. A freshman course in chemistry is a professional course if the student becomes a chemist, and the Doctor of Philosophy degree is a professional degree for the teacher of history. At the same time the College is convinced that instruction which concentrates on the specific characteristics of a profession does not prepare the student for more than the immediate future or for problems as yet unanticipated. A liberal arts college maintains that personal and professional development will follow graduate study which provides a basic understanding of one or more of the fundamental fields of knowledge. Such understanding then enables the individual to find for himself solutions to problems which face him, now or in the future. This is the point of view of graduate study at Trinity College.

THE LIBRARY

Graduate study is possible only where there is a fine library. Trinity's collection of almost 400,000 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 6,000 volumes per year and subscribes to over 650 current periodicals.

Seminar classes 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.

STUDENTS

Although undergraduate degrees at Trinity are limited to men, graduate study is open to both men and women.

Normally, students should apply for candidacy for the Master's degree (see below). However, qualified college graduates will be permitted to enter certain courses even though they have not matriculated. **These students must provide a transcript of their undergraduate record prior to the end of the fourth week of classes in their first term of attendance.** They should seek the advice of the Dean of Graduate Studies regarding their choice of courses.

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 half-course. In subsequent semesters a limit of two half-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 almost all courses will include the preparation of a term paper or report. The Dean of Graduate Studies is empowered to adjust these restrictions for students employed less than full-time.

CANDIDACY FOR THE MASTER'S DEGREE

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.

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. 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 back-

ground in the liberal arts and all should have attained facility in the use of English. In certain cases applicants may be asked to submit the results of the Graduate Record Examination or of other examinations. An interview with the Dean of Graduate Studies or the appropriate departmental representative is required after all data pertinent to the application have been assembled.

Application forms may be obtained from the office of graduate studies. Applications which are completed (application form, transcript and interview) 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 hyphenated number (651-652 for example), is defined as a unit of study for which six or eight hours of credit are awarded. A half-course, identified by a single number (501 for example) carries three or four semester hours of credit.

To receive the Master's degree the candidate must complete a minimum of ten half-courses or the equivalent in full and half-courses at the graduate level with satisfactory grades (see *Grading*). The candidate must demonstrate proficiency in whatever language, if any, his major department specifies. Under certain conditions as many as two half-courses (six semester hours) from another graduate school will be credited toward the requirements for the Master's degree at Trinity. All degree requirements, including the departmental requirements described in this bulletin under the name of each department, must be fulfilled within a period of six years.

A thesis is required of all candidates in economics, English, history, and philosophy, and of some candidates in education and government. 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 will signify his approval to the department chairman, who will issue to the student a form entitling him to register with the Graduate Office for course 651-652 of that department. When the student has registered, the Dean of Graduate Studies will appoint a second reader for the thesis, usually a faculty member chosen from outside the student's major department. Course credit for the thesis (six semester hours) will be awarded upon its final approval by the adviser and the second reader.

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

If the major department specifies that the candidate will take a comprehensive examination in lieu of a thesis the candidate must submit in writing to the Graduate Office prior to April 1 of the year in which he expects to receive the degree a request for the examination. The examination will be scheduled at the convenience of the department in April or May. If the student fails the examination a second and final examination may be requested for administration not earlier than six months after the initial examination. No hours of credit are awarded for the examination.

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

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 Dean, and certification of satisfactory performance will be furnished at the conclusion of study to whatever authorities the student designates.

GRADING

Students will receive a grade at the end of each course and on their thesis or comprehensive examination. The grades are:

Distinction — High Pass — Pass — Low Pass — Failure

Whenever any candidate for the Master's degree has received two grades of failure or low pass or one of each his candidacy will be reconsidered by the Committee on Graduate Studies.

NON-CREDIT ATTENDANCE

Persons who do not wish to receive credit for specific courses may, with permission of the Dean 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 or are currently enrolled in two half-courses at the graduate level will be allowed to audit without charge a total of two half-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 audit must be obtained from the Dean of Graduate Studies.

REGISTRATION

Students may register by mail on the form inserted in this catalogue, or they may come to the Graduate Office. This office will be open Monday through Friday from 9:00 a.m. to 5:00 p.m. In addition, the Dean will meet students by appointment Monday evenings between 6:30 and 8:00 when the College is in session, and on other evenings prior to the beginning of each term.

All courses are limited in size. Students will be enrolled in each course in the order in which their registration cards are received.

It is each student's responsibility to determine his eligibility to enroll in a specific course. A student is not eligible for credit in a course for which he has not completed the prerequisites. No registration will be accepted after the second meeting of each class, nor will changes be permitted after this day.

COSTS

Tuition charges are determined on the basis of the number of courses and half-courses for which the student enrolls (see definition under *Degree Requirements*, page 4). Graduate students should note the statement pertaining to them under the heading, *Non-Credit Attendance*.

Tuition Charges

	<i>Half-Course</i>	<i>Course</i>
Graduate Students	\$ 75	\$150
Undergraduate Students	\$100	\$200

Full payment of tuition must accompany registration for each semester. Registration for the first semester will be accepted from the date of publication of this catalogue until the beginning of classes. Registration for the second semester will be accepted from January 1 until the beginning of classes in that semester.

Each student will fill out at registration a double card. Half of this card is to be used for course registration; the other half will bear information regarding the payment of tuition. Students are asked to fill out the two sections carefully.

It is imperative that students select courses carefully and that they undertake no study for which they are inadequately prepared or which they may be unable to complete. Only in cases of withdrawal made necessary by such unexpected causes as sickness or call to military service will refunds of tuition be made. Such refunds will be made in accordance with this schedule: three-fourths tuition for withdrawal prior to the second week of classes, one-half prior to the third week, one-fourth prior to the seventh week, no refund in any case after that.

Withdrawal is not accomplished by failure to attend classes or by notification of the instructor. Withdrawal will be recognized only when reported by the student to the Graduate Office.

FELLOWSHIPS

The College has a limited number of fellowships for graduate students. Information regarding these may be obtained from the Office of Graduate Studies.

Faculty

ALBERT CHARLES JACOBS, LL.D.

ROBERT MAIER VOGEL, ED.D.

EVELYN MARGARET ANDERSEN, B.S.

President

Dean of Graduate Studies

Administrative Assistant

JOHN HAROLD AHLBERG, PH.D.

WALTER GILBERT ALWANG, M.S.

MYRON GEORGE ANDERSON, PH.D.

Lecturer in Mathematics

Lecturer in Physics

Assistant Professor of Philosophy

ROBERT ALDEN BATTIS, PH.D.

RICHARD PAUL BENTON, PH.D.

KENNETH REYNOLDS BLAKE, M.S.

KENNETH WALTER CAMERON, PH.D.

ALAN CASSELS, M.A. (Oxon)

EDMOND LABEAUME CHERBONNIER, PH.D.

GEORGE BRINTON COOPER, PH.D.

JOHN ARTHUR DANDO, M.A.

HOWARD DELONG, B.A.

WILLIAM DANIEL DONAHOO, M.A.

NORTON DOWNS, PH.D.

LEROY DUNN, PH.D.

DONALD BROWN ENGLE, M.A.

JUAN ESTARELLAS, PH.D.

VERNON LEROY FERWERDA, PH.D.

Assistant Professor of Economics

Lecturer in Mathematics

Associate Professor of English

Instructor in History

Professor of Religion

Professor of History

Associate Professor of English

Instructor in Philosophy

Instructor in Education

Associate Professor of History

Assistant Professor of Economics

Librarian

Assistant Professor of Education

Associate Professor of Government

FREDERICK LANDIS GWYNN, PH.D.

DONALD LAYTON HERDMAN, PH.D.

STEPHEN PETER HOFFMAN, JR., PH.D.

Professor of English

Associate Professor of Education

Associate Professor of Mathematics

ROBERT FREEMAN KINGSBURY, PH.D.

PHILIP L. KINTNER, PH.D.

ROBERT LINDSAY, PH.D.

BLANCHARD WILLIAM MEANS, PH.D.

Associate Professor of Physics

Assistant Professor of History

Associate Professor of Physics

Brownell Professor of Philosophy

RICHARD KNOWLES MORRIS, PH.D.

REX CHARLTON NEAVERSON, PH.D.

Assistant Professor of Government

JON ORMOND NEWMAN, LL.B.

JACK N. X. OANH, PH.D.

Lecturer in Government

Associate Professor of Economics

ROBERT PETER PIKUL, M.S.	<i>Lecturer in Mathematics</i>
NATHANIEL STONE PRESTON, PH.D.	<i>Instructor in Government</i>
DANIEL BOND RISDON, M.A.	<i>Assistant Professor of English</i>
SHELDON GERSHON SIDRANE, M.S.	<i>Lecturer in Mathematics</i>
STERLING BISHOP SMITH, PH.D.	<i>Scovill Professor of Chemistry</i>
ROBERT CLARENCE STEWART, M.A.	<i>Associate Professor of Mathematics</i>
FREDERICK MAYNARD STOUTLAND, PH.D.	<i>Assistant Professor of Philosophy</i>
DANIEL GARRISON BRINTON THOMPSON, PH.D.	<i>Northam Professor of History and Political Science</i>
LAWRENCE WILLIAM TOWLE, PH.D.	<i>G. Fox and Company Professor of Economics</i>
WILLIAM LATIMER TROUSDALE, PH.D.	<i>Assistant Professor of Physics</i>
GLENN WEAVER, PH.D.	<i>Assistant Professor of History</i>
EMMET FINLAY WHITTLESEY, PH.D.	<i>Associate Professor of Mathematics</i>
RALPH MEHLIN WILLIAMS, PH.D.	<i>Associate Professor of English</i>



Courses of Instruction

Except as noted each course will meet once a week and will carry credit of three semester hours.

Classes will begin at seven in the evening and will end no later than ten. During this period of three hours instructors will at their discretion provide a recess no longer than thirty minutes.

The first semester, September to January, is known as the Christmas term; and the second semester, February to June, is known as the Trinity term.

CHEMISTRY

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 M.S. 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 (with qualitative analysis included or as a separate course), and one year each of quantitative analysis, organic, and physical chemistry. Two years 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

The Master of Arts program in economics is designed for men and women in business, education, and government who seek an understanding of the nature and operation of economic systems and of the problems that those systems face, together with a command of the tools of modern economic analysis. It is designed particularly for those who desire a more thorough knowledge of

our economic system in its entirety, of the interrelationships of its many parts, and of the forces responsible for its operation. While the degree is not a degree in business administration, the work upon which it is built will be found valuable to persons in banking and finance, junior business executives, teachers of economics, and many in government posts, among others. The degree is appropriate, too, as the first stage in the graduate work of those who plan to continue their studies later toward the Doctor's degree in economics.

As preparation for graduate work, some background in undergraduate study of economics is desirable. A person with a deep interest in the subject, who has a good undergraduate record, and who is willing to work hard may also qualify without such a background.

All students will be required to pass with a satisfactory grade Economics 501 and 502, which are normally prerequisite to all other courses in the Department. Students with a strong background in economics may be permitted to elect two half-courses, to be approved by the Department, in a related field. Advice on a complete program of study may be obtained from the Dean of Graduate Studies or from any member of the Department.

In addition, every candidate must pass with a satisfactory grade Economics 651-652: Thesis. The writing of the thesis should ordinarily not be undertaken until the course work for the degree has been completed, but exceptions to this requirement may be made in unusual cases. Before a candidate begins work on his thesis, written approval of the proposed subject must be obtained from that member of the Department who is to supervise the thesis. An acceptable outline should be submitted at the earliest possible date, and the completed thesis, as approved by the thesis adviser and second reader, must be submitted not later than May 1 of the year in which the candidate expects to receive his degree. (See *Degree Requirements*, page 4.)

COURSES OFFERED IN 1960-1961

ECONOMICS 501: Modern Economic Theory: National Income Analysis — Christmas term, **Monday**. National income and its measurement: national income accounting, the theory of income determination; general equilibrium analysis; elements of input-output analysis; an introduction to economic planning; the theory of income distribution. Prerequisite: a recent course in the principles of economics. — Mr. Oanh.

ECONOMICS 502: Modern Economic Theory: Price Theory — Trinity term, Monday. The price system and resource allocation; the theory of demand; production and cost analysis; pricing policies of business firms and market structures; an introduction to the theory of games; elements of linear programming. Prerequisite: Economics 501. — Mr. Oanh.

ECONOMICS 511: Money and Banking — Christmas term, Wednesday. Principles of commercial banking operations; monetary and banking history of the United States; banking institutions and their relations with the Federal Reserve System; the Treasury and the money market. Federal Reserve and Treasury policy. — Mr. Oanh.

ECONOMICS 512: Money and Banking — Trinity term, Wednesday. A survey of monetary theory; history and theory of business cycles; monetary, debt management and fiscal policy; international finance mechanisms; international monetary problems. Emphasis will be placed on the significance of cycle theories for the analysis of contemporary monetary and fiscal problems. Prerequisite: Economics 511. — Mr. Oanh.

ECONOMICS 521: Economic History of Western Europe — Christmas term, Thursday. A study of significant phases of the economic development of Western Europe from 1500 to the present. Emphasis will be placed on Great Britain's rise to industrial predominance. Special attention will be directed to the role of private investment and public policy, land ownership and agriculture, international trade, technological innovation, business organization and the entrepreneur, against the background of population changes, trade cycles and economic growth patterns. — Mr. Battis.

ECONOMICS 522: Economic History of the United States — Trinity term, Thursday. A study of the problems of economic development in the United States from 1800 to the present. Special attention will be given to the significance of government policy and its relation to private investment, agriculture, the labor movement, technological innovation, business organization and enterprise in the development process. — Mr. Battis.

ECONOMICS 541: Public Finance — Trinity term, Monday. A brief history of the growth in government expenditure and of the methods of financing government. The application of economic analysis in an examination of the effects of income-, wealth-, and consumption-based taxes upon resource allocation. Considerations governing the choice of alternative tax systems and rate structures. The choice between taxing and borrowing to finance government functions. The role of fiscal policy in economic stabilization. — Mr. Dunn.

ECONOMICS 585: The Corporation. — Christmas term, Monday. A brief study will be made of the development of the corporate concept and the rise to prominence of the corporate form of business in the United States. Certain aspects of the economics of the corporate enterprise will be analyzed, with particular reference to the problems of organization, expansion, failure, and reorganization. Also, some time will be given to an evaluation of "the corporate problem," government regulation of the corporation and the role of the corporation in the modern economy. — Mr. Battis.

ECONOMICS 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See Degree Requirements, page 4. — Mr. Towle and staff.

COURSES AVAILABLE IN OTHER YEARS

- 531: Labor Problems
- 532: Labor Relations
- 551: International Economics
- 561: Statistics for Economics
- 575: Comparative Economic Systems
- 581: Government and Industry
- 591: Survey of Economic Thought

EDUCATION

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 six half-courses within the Department. The remaining four or more half-courses required for the degree may be elected in education or, with the permission of the Department, in other subject areas which will serve best the interests of the individual. A thesis (Education 651-652) is required of the majority of candidates, but a student may elect two half-courses and a comprehensive examination in lieu of a thesis with permission of the chairman of the Department.

Trinity is approved for the preparation of teachers of academic subjects in public junior and senior high schools in Con-

necticut. 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.

COURSES OFFERED IN 1960-1961

EDUCATION 491-492: Student Observation and Teaching — Christmas or Trinity term. May not be taken for graduate credit. Six semester hours of undergraduate credit. A laboratory course of supervised observation and teaching experience in cooperating nearby secondary schools. The student must be able to spend in the school a minimum of one-half of a secondary school day for at least eight 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. Limited to six students each term. Additional fee: ten dollars. — **Mr. Herdman and staff.**

EDUCATION 501: History of Education — Christmas term, **Saturday, 9:00-12:00 a.m.** A study of the basic ideas, institutions, and practices of contemporary education in light of their historic development from earliest times to the present. The student will be expected to refer, where possible, to primary sources — chiefly the writing of educational leaders — to reconstruct the history of educational thought. — **Mr. Donahoo.**

EDUCATION 502: Philosophy of Education — Trinity term, **Saturday, 9:00-12:00 a.m.** A systematic examination of vital philosophical issues in general educational theory. Major philosophies of education will be studied comparatively, and the student will be encouraged to construct for himself a philosophy adequate for evaluation of his subsequent professional practice. — **Mr. Morris.**

EDUCATION 503: Developmental Psychology — Christmas term, **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. — **Mr. Herdman.**

EDUCATION 504: Differential Psychology — Trinity term, **Thursday.** A study of quantitative data concerning individual, group and trait differences, and of the validity and reliability of those measuring instruments through which the data are secured. — **Mr. Herdman.**

EDUCATION 507: The School and Society — Christmas term, **Monday.** 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. — **Mr. Estarellas.**

EDUCATION 508: Language, Thought and Communication — Trinity term, Monday. This course will consider the following areas: the importance of language in culture and national character; the problems involved in learning one's language; disturbances of language function; the significance of effective communication and its relation to sign, symbol and meaning. — Mr. Estarellas.

EDUCATION 521: Secondary School Teaching — Christmas term, 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. — Mr. Estarellas.

EDUCATION 541: Educational Measurement and Evaluation — Christmas term, Tuesday. A critical examination of principles involved in the appraisal of human behavior, with emphasis upon the construction of tests for specific purposes, the use of standard group achievement and aptitude tests, and simple statistical methods involved in the interpretation of test results. — Mr. Herdman.

EDUCATION 600: Problems in Education — Trinity term, Tuesday. A study, through broad reading and group discussion, of basic contemporary educational problems, involving aims, functions and agencies. These problems will be traced through all levels of schooling and through such non-school educational media as the home and community agencies. — Mr. Herdman.

EDUCATION 601: Seminar: John Dewey — Christmas term, Monday. A critical examination of the metaphysical, epistemological, and ethical arguments in Dewey's philosophy of education. — Mr. Donahoo.

EDUCATION 602: Seminar: Comparative Education — Trinity term, Wednesday. An analysis of the development and structure of the contemporary educational systems of a representative group of nations, including Russia, England, France and Germany. Each system will be examined in relation to its cultural setting and its influences in other countries. The pattern of education in the United States will be used as a basis of comparison of all systems considered. — Mr. Estarellas.

EDUCATION 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. The preparation of a comprehensive paper representing an original solution to a clearly-defined, significant educational problem. See Degree Requirements, page 4. — Mr. Herdman and staff.

COURSES AVAILABLE IN OTHER YEARS OR IN SUMMER SCHOOL

522: School Organization and Administration

542: Remedial Reading

543: Principles of Guidance

591-592: Directed Practice in the Teaching of Reading

601 and 602: Seminars. Various topics.

ENGLISH

Persons who read extensively, or who write, frequently wish to develop their critical competency or their facility in expression through guided practice. Graduate courses in English provide such an opportunity.

Those who elect courses in English and those who apply for candidacy for the Master of Arts degree with a major in English should have completed with honor grades at least three full year courses in English as undergraduates.

There is no prescribed curriculum for the Master's degree. Each student's program of study is determined individually. In many cases the most logical program consists of those courses which will treat periods or subjects omitted in the student's undergraduate preparation. It is also possible to construct certain concentrated programs: dramatic literature, poetry, American literature, etc.

Candidates are required to take a total of ten half-courses, of which eight must be in the Department, including English 651-652 (Thesis). Courses outside the Department must be approved by the Chairman. Courses in other departments recommended to candidates in English include philosophy, history, religion, and the literature of other languages.

COURSES OFFERED IN 1960-1961

ENGLISH 557: Studies in the Renaissance — Christmas term, **Tuesday**. Seventeenth-century English prose and poetry from John Donne and Francis Bacon to the restoration and the work of John Dryden, exclusive of the major works of Milton. — **Mr. Risdon**.

ENGLISH 560: Studies in Neo-Classicism — Trinity term, **Tuesday**. A study of the last flowering of Neo-Classicism in the group of writers centered around Dr. Samuel Johnson. Some attention will also be given to the contemporary beginnings of romanticism in Collins, the Wartons, Gray, and others, culminating in Burns and Blake. — **Mr. Williams**.

ENGLISH 561: Studies in Romanticism — Christmas term, **Thursday**. Intensive study of the major English poets and essayists of the Romantic Period. Works of Wordsworth, Coleridge, Scott, Shelley, Keats, Byron, Lamb, Hazlitt, and De Quincey will be read and discussed mainly from a critical point of view, but biographical and historical materials will be introduced where relevant to the literary analysis. Romantic aesthetics, the influences of such artistic movements as primitivism, transcendentalism, medievalism, orientalism, and Hellenism, together with pertinent economic, political, and social movements will be considered. — **Mr. Benton**.

ENGLISH 562: Studies in Victorian Literature — Trinity term, **Thursday**. The poetry of Tennyson, Browning, Arnold, and Swinburne, and the prose of Carlyle, Ruskin, and Arnold, together with a consideration of Victorian fiction and of minor writers before 1900. — **Mr. Risdon**.

ENGLISH 563: Studies in Contemporary Literature: Contemporary British Literature — Christmas term, **Monday**. A survey of the major trends and authors of British Literature since 1900, with some attention to Commonwealth (Australian, Canadian, and South African) writers. — **Mr. Dando**.

ENGLISH 575: Studies in American Literature: Henry David Thoreau — Christmas term, **Wednesday**. Critical examination of his prose masterpieces, poems, *Journal*, craftsmanship, and significance for America and the world. — **Mr. Cameron**.

ENGLISH 580: Studies in Literary Criticism — Trinity term, **Monday**. Intensive study of the major trends in the theory and practice of literary criticism from the ancient Greeks to the "New Critics." Critics to be considered will include Plato, Aristotle, Longinus, Horace, St. Augustine, Dante, Sidney, Boileau, Dryden, Johnson, Wordsworth, Coleridge, Hugo, Poe, Taine, Arnold, Eliot, Pound, Richards, Brooks, Tate, Ortega y Gasset, and Burke. The influences of sociology, philosophy, anthropology, folklore, psychoanalysis, semantics, and psycholinguistics on twentieth-century literary criticism will be included in the course. — **Mr. Benton**.

ENGLISH 582: Studies in Shakespeare: Shakespearean Tragedy — Trinity term, **Wednesday**. Intensive analysis of Shakespeare's *Hamlet*, *Lear*, *Othello*, *Macbeth*, and tragic art, with reports on backgrounds and reading in contemporary scholarship. — **Mr. Cameron**.

ENGLISH 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. A project involving scholarly research, critical thinking, and formal writing. See Degree Requirements, page 4. — **Mr. Gwynn and staff**.

COURSES AVAILABLE IN OTHER YEARS OR IN SUMMER SCHOOL

553, 554: **Chaucer and His Age**

571 or 572: **Studies in Drama**

573 or 574: **Studies in Fiction**

577 or 578: **Studies in Poetry**

591 or 592: **Studies in the History of Ideas**

593 or 594: **Studies in English Language and Linguistics**

601 or 602: **Advanced Literary Writing**

GOVERNMENT

Although the program of graduate study in government has from its inception attracted public servants, the intention has not been to provide professional training but to widen horizons and deepen understanding of the problems of government. An increasing number of students come from the ranks of the clergy, the law, education, and other professions. Some intend to study for a Master's degree in government, while others are simply interested in the subject matter of one or more specific courses.

The Master of Arts degree with a major in government is based upon satisfactory completion of eight half-courses at graduate level in the field. In addition, two half-courses in related areas, normally history or economics, are required.

Government 501 and 502 are required of all candidates. However, where there is evidence of considerable undergraduate work of high caliber in the field, one or both of these courses may be omitted upon permission of the department chairman.

Candidates may elect to write a thesis (Government 651-652), carrying two half-courses credit, upon an approved topic. Those not presenting a thesis shall take a written comprehensive examination during the final term of study. This examination will be based upon at least two specific fields within two of the following major areas of concentration:

- Political Theory and Comparative Government
- American Government
- International Relations

COURSES OFFERED IN 1960-1961

GOVERNMENT 502: American National Government — Trinity term, Wednesday. A review and analysis of American political institutions, with emphasis on identification of recurrent problems and major trends in institutional critique. — Mr. Preston.

GOVERNMENT 513: American Parties and Politics — Christmas term, Wednesday. Party organization, election laws and machinery, pressure groups, public opinion, and participation in the political process. — Mr. Preston.

GOVERNMENT 514: The Supreme Court in American Government — Trinity term, Thursday. A study of the Supreme Court's role as one branch of the national government and its relationship to other agencies of governmental power. An appraisal of the range and limits of the Court's power and the problems with which it deals. Leading constitutional decisions will be used for illustrative purposes. Prerequisite: a recent course in American history or government, or permission of the instructor. — Mr. Newman.

GOVERNMENT 524: Problems of National Security — Trinity term, Tuesday. Nature of the threat to security. American security objectives and formulation of national security policy. Role of the armed forces in a widening concept of strategy. — **Mr. Ferwerda.**

GOVERNMENT 531: Contemporary Political Theory — Christmas term, Thursday. Democracy and the challenge of authoritarian rule: current problems of Western political thought. — **Mr. Neaverson.**

GOVERNMENT 535: Government and Politics of Asia — Christmas term, Tuesday. An examination of the political institutions and problems of the principal countries of Asia, with particular attention to contemporary domestic and foreign policies of China, Japan, India, Pakistan, and Indonesia. — **Mr. Ferwerda.**

GOVERNMENT 621: Independent Study — Christmas or Trinity term. Individual research on a selected topic under the guidance of a department member. May be taken only once. — **Mr. Ferwerda and staff.**

GOVERNMENT 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See Degree Requirements, page 4. — **Mr. Ferwerda and staff.**

COURSES AVAILABLE IN OTHER YEARS

- 501: European Government
- 511: Public Administration
- 512: American State and Local Government
- 523: International Government
- 533: Communism

HISTORY

Since the study of history provides the basis for a more thorough appreciation of man's activity in any age or geographical unit, courses in history are frequently elected by students whose primary interest is in another subject as well as by those whose major interest is history.

The Master's degree with a major in history is designed to follow an undergraduate concentration in history. Undergraduate preparation should include survey courses in ancient, European and American history. Candidates must complete at the graduate level a minimum of ten half-courses, at least eight of which must be in history, including History 651-652: Thesis. Students with extensive preparation in history may be permitted by their adviser to elect two half-courses in another department. A reading knowledge of one foreign language is required. The thesis is the final project of all candidates.

COURSES OFFERED IN 1960-1961

HISTORY 521: European Diplomatic History, 1480-1870 — Christmas term, **Thursday**. An analysis of the evolution of the European balance of power, and of war, diplomacy and statecraft from the invasion of Italy by Charles VIII to the Franco-Prussian War. — **Mr. Cassels**.

HISTORY 525: England, 1714-1945: Modern England — Christmas term, **Wednesday**. England in the eighteenth century, with special attention paid to the sources of power of the governing class. The development of middle class institutions in the Victorian period. An analysis of Britain in the twentieth century. — **Mr. Cooper**.

HISTORY 538: History of Modern Italy, 1815-1943 — Trinity term, **Thursday**. A survey of the creation of an Italian national state, followed by a more detailed examination of the fortunes of the Kingdom of Italy both in its liberal and fascist phases. — **Mr. Cassels**.

HISTORY 551: The Colonial Period in American History — Trinity term, **Wednesday**. The background and the political, economic and social history of the period. — **Mr. Weaver**.

HISTORY 601A: Seminar: Historiography in Western Civilization — Christmas term, **Monday**. A survey of outstanding figures who have influenced the writing and the interpretation of history in Western civilization: Thucydides, St. Augustine, Machiavelli, Voltaire, Ranke, Toynbee, etc. Readings will be in common, but each student will concentrate on a particular writer and/or problem for his class reports and paper. — **Mr. Kintner**.

HISTORY 601: Seminar: The Crusades — Christmas term, **Tuesday**. Topics selected by the student on an aspect of the Crusades. Prerequisite: a course on the Middle Ages or permission of the Dean or the Instructor. — **Mr. Downs**.

HISTORY 602: Seminar: The Crusades — Trinity term, **Tuesday**. See description of History 601. History 601 is not a prerequisite. — **Mr. Downs**.

HISTORY 651-652: Thesis. Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See Degree Requirements, page 4. — **Mr. Thompson and staff**.

COURSES AVAILABLE IN OTHER YEARS OR IN SUMMER SCHOOL

506: Alexander the Great and the Hellenistic Era, 338 B.C. to 200 B.C.

508: The Roman Empire, 44 B.C. to A.D. 180

511: The Middle Ages

512: The Byzantine Empire and Islam

515: The Italian Renaissance

516: The Reformation

517: Europe, 1760-1870

522: European Diplomatic History since 1870

531: France, 1483 to 1789

- 532: The Third French Republic
- 541 and 542: Russia
- 553: American Sectionalism and the Civil War
- 575: Canada
- 601 and 602: Seminars. Various topics.

ITALIAN

The courses in Italian literature in translation are designed particularly for students of history and of English literature. They are made available as a part of the activity of the Cesare Barbieri Center of Italian Studies.

COURSES AVAILABLE IN OTHER YEARS

- 551: Italian Renaissance Literature in translation
- 560: The Contemporary Italian Novel

MATHEMATICS

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 half-courses in mathematics, or eight in mathematics and two in physics. The mathematics courses shall include Mathematics 503, 504 (Theory of Functions of a Real Variable I, II) and Mathematics 507, 508 (Theory of Functions of a Complex Variable I, II). A student who has not taken a course in advanced calculus will normally be required to do so, but this course will not be credited toward the Master's degree. A thesis is not required.

COURSES OFFERED IN 1960-1961

MATHEMATICS 500: Advanced Calculus — Christmas term, Tuesday and Thursday, 7:00-8:15. The purpose of this course is to provide a sound background in mathematics necessary for graduate study. The emphasis is on the understanding of the basic concepts of the calculus. Among the topics considered are limits, continuity, differentiation, multiple integration, and infinite series. Prerequisite: a course in differential equations or permission of the instructor. This course may be taken for graduate credit but will not be credited toward the requirements for the Master's degree with a major in mathematics. — Mr. Blake.

MATHEMATICS 500: Advanced Calculus — Trinity term, Tuesday and Thursday, 7:00-8:15. A repetition in the second semester of the course described above. — Mr. Blake.

MATHEMATICS 500A: Advanced Calculus — Christmas term, Tuesday and Thursday, 7:00-8:15. This course is designed primarily for students in the physical sciences. Its purpose is to present topics of mathematics which are of common importance in various fields of application. Among those included are infinite series, power series solution of differential equations, introduction to Laplace transform, Fourier series, and vector analysis. Prerequisite: a course in differential equations or permission of the instructor. This course may be taken for graduate credit but will not be credited toward the requirements for the Master's degree with a major in mathematics. — Mr. Pikul.

MATHEMATICS 500A: Advanced Calculus — Trinity term, Tuesday and Thursday, 7:00-8:15. A repetition in the second semester of the course described above. — Mr. Pikul.

MATHEMATICS 503: Theory of Functions of a Real Variable I — Christmas term, Monday and Wednesday, 7:00-8:15. The real number system, elementary point-set theory, convergence, infinite series, continuity, differentiability, improper integrals. Prerequisite: Mathematics 500 or its equivalent. The first meeting of this course will be devoted to an examination in advanced calculus which will be required of all who have not satisfactorily completed Mathematics 500 or its equivalent. — Mr. Hoffman.

MATHEMATICS 504: Theory of Functions of a Real Variable II — Trinity term, Monday and Wednesday, 7:00-8:15. Integrability, the Riemann integral, the Lebesgue integral, Fubini theorem. Prerequisite: Mathematics 503. — Mr. Hoffman.

MATHEMATICS 507: Theory of Functions of a Complex Variable I — Christmas term, Monday and Wednesday, 7:00-8:15. 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 504 or its equivalent. — Mr. Ahlberg.

MATHEMATICS 508: Theory of Functions of a Complex Variable II — Trinity term, Monday and Wednesday, 7:00-8:15. 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. — Mr. Ahlberg.

MATHEMATICS 509: Numerical Mathematical Analysis and Machine Methods I — Christmas term, Wednesday 7:00-10:00 p. m. and Saturday 8:30-12:00 a.m. Four semester hours. Numerical solution of equations, interpolation, numerical integration and differentiation, finite difference methods, programming for a large digital electronic data processing system. Prerequisite: differential and integral calculus. — Mr. Sidrane.

MATHEMATICS 510: Numerical Mathematical Analysis and Machine Methods II — Trinity term, Wednesday 7:00-10:00 p.m. and Saturday 8:30-12:00 a.m. Four semester hours. Topics from matrix algebra, numerical solution of differential equations, least squares polynomial approximations, Gaussian quadrature. Prerequisite: differential equations and Mathematics 509. — Mr. Sidrane.

MATHEMATICS 515: Introduction to Modern Algebra — Trinity term, Tuesday and Thursday, 7:00-8:15. A formal approach to fundamental concepts such as groups, rings, and fields, together with their applications to other parts of mathematics and to physics and philosophy. Prerequisite: Mathematics 500 or its equivalent. — Mr. Stewart.

MATHEMATICS 517: Topology — Christmas term, Tuesday and Thursday, 7:00-8:15. Introduction to elementary point-set topology and/or elementary combinatorial topology. Prerequisite: Mathematics 500 or its equivalent. — Mr. Whittlesey.

COURSES AVAILABLE IN OTHER YEARS OR IN SUMMER SCHOOL

505: Theory of Probability

506: Mathematical Statistics

514: Symbolic Logic

516: Operational Calculus

521: Vector Analysis

522: Vector and Tensor Analysis

525 and 526: Topics from Analysis

PHILOSOPHY

Trinity's degree program in philosophy is planned, not necessarily as preparation for professional work in philosophy, but primarily to provide an opportunity for mature students to investigate the fundamental thinking of mankind. Previous undergraduate study of philosophy is not required. To qualify for the Master's degree the student must complete ten half-courses, eight of which must be in philosophy, including Philosophy 651-652: Thesis. No specific course or sequence of courses is required, but candidates are encouraged to seek the counsel of members of the Department 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 Dean of Graduate Studies.

COURSES OFFERED IN 1960-1961

PHILOSOPHY 501: Philosophy of Science — Christmas term, Wednesday. A study of the philosophical problems arising from the natural and social sciences. Scientific method and its presuppositions; the notions of natural law and cause; probability; the relation of science to value theory. — Mr. Anderson.

PHILOSOPHY 505: Philosophy of Art — Trinity term, Tuesday. An analysis of the nature of art, the aesthetic object, the creative act, aesthetic experience, judgments of criticism, and the functions of art. — Mr. Stoutland.

PHILOSOPHY 552: Special Studies in Philosophy: Philosophy of Mathematics — Trinity term, Wednesday. A study of the philosophical foundations of mathematics with emphasis on the three dominant schools of thought: the formalist, the logist, and the intuitionistic. — Mr. DeLong.

PHILOSOPHY 601: Seminar: Some Contemporary Philosophers and Theologians — Christmas term, Monday. A joint seminar with the Department of Religion. Prerequisite: permission of one of the instructors. — Mr. Means and Mr. Cherbonnier.

PHILOSOPHY 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Intensive inquiry into a special area of philosophy under the direction of a member of the department. See Degree Requirements, page 4. — Mr. Means and staff.

COURSES AVAILABLE IN OTHER YEARS

- 501: Introduction to Philosophy
- 502: Logic
- 506: Philosophy of History
- 508: Philosophy of Religion
- 521: Political Philosophy
- 531: History of Philosophy
- 532: History of Modern Philosophy
- 552: Special Studies in Philosophy: various topics.
- 601 and 602: Seminars: various topics.

PHYSICS

The program in physics leading to the Master of Science degree is designed for engineers, mathematicians and physicists in industry and others who desire further training in mathematical physics and knowledge of recent developments in the atomic field.

The courses are planned to follow an undergraduate concentration in physics and mathematics. For the degree, no one course is specifically required, and four half-courses of the ten required for the degree may, with the approval of the student's adviser, be taken in mathematics. Recommended courses in mathematics include real and complex variables, modern algebra and matrix theory, vector and tensor analysis. A thesis is not required.

COURSES OFFERED IN 1960-1961

PHYSICS 501: Introduction to Theoretical Physics — Christmas term, Monday and Wednesday, 7:00-8:15. Analytical mechanics; vector analysis; statics and dynamics of particles and rigid bodies; Lagrange's and Hamilton's equations. Emphasis is placed on the fundamental hypotheses upon which physical theory is based; with the aid of analysis these fundamental principles are expressed in various mathematical forms and are applied to specific problems. The course is designed to provide a broad foundation for subsequent specialized graduate work. Prerequisite: two courses in physics and two courses in mathematics or permission of the instructor. — Mr. Trousdale.

PHYSICS 502: Introduction to Theoretical Physics — Trinity term, Monday and Wednesday, 7:00-8:15. Elastic media; elastic waves and sound; fluid dynamics; heat flow; thermodynamics; classical and quantum statistics. Prerequisite: Physics 501. — Mr. Trousdale.

PHYSICS 511: Modern Physics — Christmas term, Thursday. A survey of the major developments in physics since 1900, including theory of relativity, origin of quantum theory, wave mechanics and spectroscopy. — Mr. Kingsbury.

PHYSICS 512: Modern Physics — Trinity term, Thursday. A continuation of Physics 511 including x-rays, nuclear physics and fundamental particles. Prerequisite: Physics 511. — Mr. Kingsbury.

PHYSICS 515: Solid State Physics — Trinity term, Monday and Wednesday, 7:00-8:15. A general introductory course in the physical properties of solids starting with crystal structure, elastic constants and specific heat. Magnetic and electrical properties will subsequently be treated including para-, ferro-, and antiferromagnetism as well as metallic and semiconductivity. Prerequisite: Physics 501, 502 or equivalent course in theoretical physics. — Mr. Lindsay.

PHYSICS 516: Nuclear Physics — Christmas term, Monday and Wednesday, 7:00-8:15. Radioactivity and nuclear reactions, systematics of the nucleus, elementary nuclear theory and techniques of nuclear research. Prerequisite: a course in theoretical physics and a course in atomic or modern physics. — Mr. Alwang.

COURSES AVAILABLE IN OTHER YEARS

503 and 504: **Electromagnetism**
513 and 514: **Quantum Mechanics**
601 and 602: **Research**

RELIGION

The courses in religion are designed for laymen of all faiths. They do not presuppose any academic instruction in religion.

COURSES OFFERED IN 1960-1961

RELIGION 601: Seminar: Some Contemporary Philosophers and Theologians — Christmas term, Monday. A joint seminar with the Department of Philosophy. Prerequisite: permission of one of the instructors. — Mr. Cherbonnier and Mr. Means.

RELIGION 602: Seminar: The Problem of Religious Knowledge — Trinity term, Monday. Prerequisite: permission of the instructor. — Mr. Cherbonnier.

Masters Degrees

Conferred at the Commencement

June 12, 1960

MASTER OF ARTS

WILLIAM RUNNALS ATHERTON	B.A., 1948, Colby College
PATRICIA MAE BENNY	B.S., 1956, St. Joseph College
ELIZABETH TERRILL BENTLEY	B.A., 1930, Vassar College, M.A., 1935, Columbia University
JOHN JOSEPH BOYLE	B.S., 1954, University of Connecticut
GRACE LOUISE CARBONE	B.S., 1949, Boston University
EILEEN LEBER CASSIDY	B.S., 1941, New Haven State Teachers College, M.A., 1945, Yale University
MARGRETA SWENSON CHENEY	B.A., 1932, Bryn Mawr College
BARBARA JEAN DELMORE	B.A., 1954, St. Joseph College
EVERETT BENEDICT DOWE, JR.	B.S., 1945, College of the Holy Cross
DOROTHY ANN EGAN	B.A., 1957, Connecticut College for Women
HARRY WILLIAM EVANS	B.A., 1953, Amherst College
MARY JONES FITZGERALD	B.S., 1950, St. Joseph College, B.S., 1953, New Haven State Teachers College
ROBERT STEPHEN FORD	B.A., 1950, Providence College
BARBARA GILLESPIE GRUNBAUM	B.A., 1955, University of Massachusetts
FOSTER GUNNISON, JR.	B.A., 1949, Columbia University
MARVIN HAGEL	B.A., 1952, Wesleyan University
ROBERT ALLEN JOHNSON	B.A., 1953, St. Anselm's College
GERALD WAYNE KERR	B.A., 1955, Nebraska State Teachers College
MARCIA SEWARD KNIGHT	B.A., 1941, Wellesley College
DONALD LOGAN MACKAY	B.B.A., 1951, Clarkson College of Technology
RUTH OGG	B.A., 1934, Hunter College
RINO PETTIROSS	B.S., 1958, Central Connecticut State College
HOWARD WATSON QUINBY, JR.	B.A., 1951, Williams College
MILDRED SOLOMON SAVIN	B.A., 1932, Connecticut College for Women
CAROLYN MARTHA SCHINZEL	B.A., 1957, St. Joseph College
EDWARD SHUKRY SHIA	B.S., 1952, Arnold College
VIRGINIA MARIE STEWART	B.S., 1954, University of Massachusetts
NELLIE MARIA UCCELLO	B.A., 1954, St. Joseph College
DAVID LIONEL WERNER	B.S., 1953, Trinity College

MASTER OF SCIENCE

DAVID MANSFIELD BUNNELL	B.S., 1954, Trinity College
CASIMIR THOMAS BYCOSKI	B.S.E.E., 1953, University of Connecticut
WALTER ANSON CAREY, II	B.A., 1956, Wesleyan University
ANTHONY D'ONOFRIO	B.S.E.E., 1951, University of Connecticut
ALBERT CHARLES DOSKOCIL, JR.	B.S., 1953, Queens College
KATHLEEN PATRICIA GORMLEY	B.A., 1956, Emmanuel College
GEORGE P. GROFT	B.S., 1949, Kent State University
JOHN MILTON HETHERINGTON, JR.	B.A., 1956, Brown University
RICHARD WYATT LLES	B.S., 1952, Trinity College
LEWIS SHELDON KEYES	B.S., 1958, Trinity College
JOHN ALAN LOFFREDA	B.A., 1957, University of Connecticut
EDGAR MILAN PALMER	B.A., 1956, Wesleyan University
JAMES DANFORD POMEROY	B.S., 1952, University of Massachusetts
ROBERT JAMES SCHWENSFEIR, JR.	B.A., 1956, Wesleyan University



CONDENSED SCHEDULE OF COURSES

	CHRISTMAS TERM	TRINITY TERM
Monday 7:00- 10:00 p.m.	Economics 501 Economics 585 Education 507 Education 601 English 563 History 601A Philosophy 601 Religion 601	Economics 502 Economics 541 Education 508 English 580 Religion 602
Monday and Wednesday 7:00-8:15 p.m.	Mathematics 503 Mathematics 507 Physics 501 Physics 516	Mathematics 504 Mathematics 508 Physics 502 Physics 515
Tuesday 7:00- 10:00 p.m.	Education 541 English 557 Government 535 History 601	Education 600 English 560 Government 524 History 602 Philosophy 505
Tuesday and Thursday 7:00-8:15 p.m.	Mathematics 500 Mathematics 500A Mathematics 517	Mathematics 500 Mathematics 500A Mathematics 515
Wednesday 7:00- 10:00 p.m.	Economics 511 Education 521 English 575 Government 513 History 525 Philosophy 501	Economics 512 Education 602 English 582 Government 502 History 551 Philosophy 552
Wednesday 7:00- 10:00 p.m. and Saturday 8:30- 12:00 a.m.	Mathematics 509	Mathematics 510
Thursday 7:00- 10:00 p.m.	Economics 521 Education 503 English 561 Government 531 History 521 Physics 511	Economics 522 Education 504 English 562 Government 514 History 538 Physics 512
Saturday 9:00- 12:00 a.m.	Education 501	Education 502

**TRINITY COLLEGE, HARTFORD 6, CONNECTICUT
REGISTRATION FOR SUMMER COURSES**

Miss _____
Mrs. _____
Mr. _____ (PLEASE PRINT)
LAST FIRST MIDDLE

PERMANENT ADDRESS _____
LOCAL ADDRESS _____ STREET CITY ZONE STATE
SUMMER ADDRESS _____ PHONE _____

COLLEGE LAST ATTENDED _____ DATES OF ATTENDANCE _____
IF OTHER THAN TRINITY _____

DEGREE HELD _____ COLLEGE _____ YEAR REC'D _____

CITIZEN OF U. S.? _____ WILL YOU RECEIVE VETERANS' BENEFITS? _____

SHOULD A DORMITORY ROOM BE RESERVED FOR YOU? _____

SUBJECT		COURSE No.	PERIOD	UNDERGRADUATES FROM COLLEGES OTHER THAN TRINITY MUST FILL OUT THE FORM ON THE BACK OF THIS CARD.
EXAMPLE: MATH.		101	1:30	
TERM 1.	1.			
	2.			
TERM 2.	1.			
	2.			

PLEASE COMPLETE BOTH SECTIONS OF THIS CARD

DO NOT DETACH

REGISTRATION FOR SUMMER COURSES

Miss _____
Mrs. _____
Mr. _____ (PLEASE PRINT)
LAST FIRST MIDDLE

PERMANENT ADDRESS _____
LOCAL ADDRESS _____ STREET CITY ZONE STATE
SUMMER ADDRESS _____ PHONE _____

I AM ENCLOSING \$ _____ FOR:

REGISTRATION FEE \$10.00

ROOM RENT _____ BALANCE DUE:

TUITION _____ 1ST TERM \$ _____

LABORATORY FEE (S) _____ 2ND TERM \$ _____

I WILL PAY THE BALANCE, IF ANY, ON OR BEFORE THE FIRST DAY OF CLASSES OF THE SESSION IN WHICH THE COURSES ARE GIVEN:

SIGNATURE: _____

IF YOU WILL BRING A CAR TO THE CAMPUS

**DO NOT
WRITE
HERE**

1. _____

LIST REGISTRATION HERE, STATE _____ NO. _____ 2. _____

IMPORTANT NOTICE

No registration will be accepted unless it is accompanied by the ten dollar registration fee.

My enrollment in the course(s) listed on this card has been approved by this officer of my college:

Name

Position

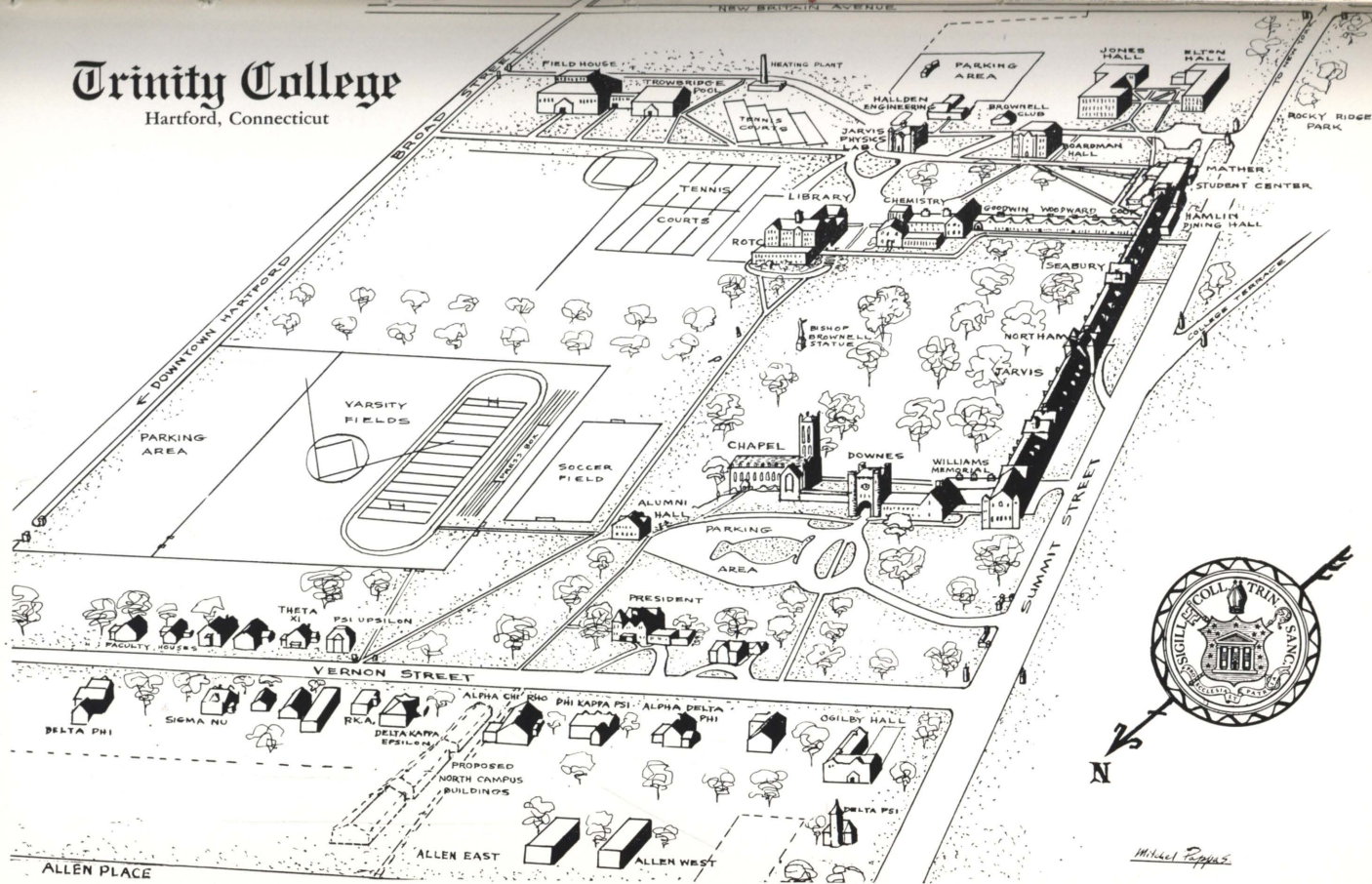
Address

.....
I understand that a transcript of my complete record and notification of any disciplinary action will be sent to him (her) at the end of the summer session.

Signed

Trinity College

Hartford, Connecticut



*United Aircraft Corporation Research Computation Laboratory
used by students in Mathematics 509, 510.*

