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Trinity College

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Trinity College
HARTFORD CONNECTICUT

TRINITY COLLEGE BULLETIN



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HARTFORD, CONN.

Graduate Studies 1964-1965
August 1964

HARTFORD, CONNECTICUT

CALENDAR

CHRISTMAS TERM - 1964

Sept. 15 and 16, Tuesday and Wednesday	Graduate Advisers' Pre-registra- tion Sessions, 7:00 to 9:30 P.M., Hamlin Hall
Sept. 21, Monday	Christmas Term begins
Nov. 21, Saturday	Thanksgiving vacation begins at 12:00 noon
Nov. 30, Monday	Classes resume
Dec. 19, Saturday	Christmas vacation begins at 11:30 A.M.

1965

Jan. 4, Monday	Classes resume
Jan. 23, Saturday*	Christmas Term ends at 12:00 noon

TRINITY TERM - 1965

Feb. 1, Monday	Trinity Term begins
March 27, Saturday	Spring vacation begins at 12:00 noon
April 1, Thursday	Final day for submittal of: 1. Requests for comprehen- sive examination 2. Application to receive Mas- ter's degree
April 12, Monday	Classes resume
May 3, Monday	Final day for submittal of theses
May 29, Saturday*	Trinity term ends at 12:00 noon
June 13, Sunday	One Hundred and Thirty-ninth Commencement

SUMMER TERM - 1965

June 28, Monday	Summer Term begins
* Final examinations in courses requiring them will be administered at the final class meeting of each term.	

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TRINITY
COLLEGE
BULLETIN

Graduate Studies 1964-1965

August 1964

HARTFORD, CONNECTICUT



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.

STUDENTS

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

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 (see center section of this catalogue) before registering. They must provide a transcript of their undergraduate record prior to the end of the fourth week of classes in their first term of attendance.

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-year course. In subsequent semesters a limit of two half-year 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 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 certain graduate-level courses, indicated by an asterisk (*). 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, government, history, Latin literature and classical civilization, mathematics, philosophy, and physics. 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 half-year 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. 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 May 1 will be considered prior to June 1. Applications completed by November 1 will be considered prior to December 1.

DEGREE REQUIREMENTS

A **full-year course**, identified by a hyphenated number (651 - 652 for example), is defined as a unit of study for which six or eight semester hours of credit are awarded. A **half-year 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-year courses or the equivalent in full and half-year 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 half-year courses (six semester hours) from another graduate school will be credited toward the requirements for the Master's degree at Trinity.

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

THE THESIS

A thesis is required of all candidates in chemistry, economics, English, government, history, and philosophy, and of some candidates in education. 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. Course credit for the thesis (six semester hours) 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 a research fee of \$50 each year.

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 nor later than one year after the initial examination. A grade but no credit is awarded for the comprehensive 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 Office of Graduate Studies, and certification of satisfactory performance will be furnished at the conclusion of study to whatever authorities the student designates.

GRADUATE GRADES

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

Distinction—High Pass—Pass—Low Pass—Failure

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.

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 or are currently enrolled in two half-year courses at the graduate level will be allowed to audit without charge a total of two half-year 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 Office of Graduate Studies.

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.

COSTS

Tuition charges are determined on the basis of the number of courses and half-year courses for which the student enrolls (see definition under *Degree Requirements*, page 5). Graduate students should note the statement pertaining to them under the heading, *Non-Credit Attendance*.

TUITION CHARGES

	<i>Half-year Course</i>	<i>Full-year Course</i>
Graduate Students	\$ 90	\$180
Undergraduate Students	\$120	\$240

In addition to tuition charges each student must pay a registration fee of five dollars per term. This fee is not refundable. Full payment of all costs must accompany registration for each semester.

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.

FELLOWSHIPS

A limited number of fellowships entitling the holders to exemption of part of tuition costs is available to approved candidates for the Master's degree. Information regarding these may be obtained from the Office of Graduate Studies.

THE LIBRARY

Graduate study is possible only where there is a fine library. Trinity's collection of more than 435,000 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 1,000 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.

SPECIAL NOTICES

Parking - Students should park their automobiles in the area located behind Hallden Engineering Laboratory. Fines will be levied against students who park along driveways or in restricted areas. All cars brought to the campus must bear a Trinity College identification marker. Fines will be levied against students who park in areas other than the Hallden lot, or who fail to register their automobiles and obtain a marker.

Inclement Weather - It is always a problem to notify students that a class will or will not meet during inclement weather. During the 1964 - 1965 academic year this procedure will be followed: Each instructor will use his discretion regarding the meeting of his class when poor weather conditions prevail or are predicted. He will provide the members of his class with a telephone number at which he can be reached between five and six P.M. prior to the scheduled meeting of the class at seven P.M. to convey his decision. For this information students should **NOT** call the college switchboard or the Graduate Office.

HOURS

Classes

Unless otherwise noted in the description, each course will meet once each week and carry three semester hours of credit.

Classes which meet during the week, Monday through Thursday, will be held in the evening from 7:00 to 10:00 P.M., or from 7:00 to 8:15 P.M. if scheduled for two meetings per week.

Classes which meet on Saturday will be held in the morning from 9:00 A.M. to noon.

Library

Monday through Thursday, 8:30 A.M. to 11:00 P.M.

Friday, 8:30 A.M. to 10:00 P.M.

Saturday, 8:30 A.M. to 5:00 P.M.

Sunday, 2:00 P.M. to 10:00 P.M.

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

Mather Hall

Bookstore - 6:30 P.M. to 7:30 P.M. Monday through Thursday the first week of each term only. Regular hours daily from 9:00 A.M. to 4:00 P.M. and Saturdays, 9:00 A.M. to noon.

Cave - Monday through Saturday, 7:30 A.M. to 11:00 P.M.

Sunday - 4:00 P.M. to 9:00 P.M.

Game Room - Monday through Thursday, noon to 10:00 P.M.

Friday, noon to 11:00 P.M.

Saturday, 10:30 A.M. to 11:00 P.M.

Sunday, 9:00 A.M. to 10:00 P.M.

Lounges - Daily, 7:00 A.M. to 11:00 P.M.

REGISTRATION

Christmas Term

Registration by mail opens August 1.

Students may also register in person at the Graduate Office daily except Saturday from 9:00 A.M. to 5:00 P.M.

Students wishing to meet with advisers September 15 or September 16 may register following their consultation (for details, see center insert).

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. In addition to the regular daily hours the Graduate Office will be open from 6:30 to 8:30 P.M., Monday through Thursday, of the first week of classes.

Students should understand that many classes may be closed to further registration by the opening day of each term and, therefore, should plan to register earlier if possible.

Trinity Term

Registration by mail opens January 1.

Students may also register in person at the Graduate Office daily except Saturday from 9:00 A.M to 5:00 P.M.

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. In addition to the regular daily hours the Graduate Office will be open from 6:30 P.M., Monday through Thursday, of the first week of classes.

Students should understand that many classes may be closed to further registration by the opening day of each term, and therefore should plan to register earlier if possible.

Faculty and Staff

ALBERT C. JACOBS, LL.D.	<i>President</i>
ROBERT M. VOGEL, ED.D.	<i>Dean of the College</i>
JACOB W. EDWARDS, M.A.	<i>Assistant to the Dean of the College</i>
CAROLE M. LAWSON, B.S.	<i>Secretary</i>
MARION McLAUGHLIN	<i>Secretary</i>
JOAN M. QUIGLEY	<i>Secretary</i>

JOHN H. AHLBERG, PH.D.	<i>Lecturer in Mathematics</i>
GEORGE A. ANDERSON, PH.D.	<i>Instructor in Mathematics</i>
MYRON G. ANDERSON, PH.D.	<i>Assistant Professor of Philosophy</i>
GUSTAVE W. ANDRIAN, PH.D.	<i>Professor of Modern Languages</i>
PHILIP C. F. BANKWITZ, PH.D.	<i>Associate Professor of History</i>
ROBERT A. BATTIS, PH.D.	<i>Associate Professor of Economics</i>
RICHARD P. BENTON, PH.D.	<i>Assistant Professor of English</i>
ROBERT C. BLACK, PH.D.	<i>Associate Professor of History</i>
F. WOODBRIDGE CONSTANT, PH.D.	<i>Jarvis Professor of Physics</i>
GEORGE B. COOPER, PH.D.	<i>Northam Professor of History</i>
EUGENE W. DAVIS, PH.D.	<i>Professor of History</i>
HOWARD DeLONG, PH.D.	<i>Assistant Professor of Philosophy</i>
HAROLD L. DORWART, PH.D.	<i>Seabury Professor of Mathematics and Natural Philosophy</i>
GEORGE DOSKOW, M.A.	<i>Instructor in English</i>
NORTON DOWNS, PH.D.	<i>Associate Professor of History</i>
LeROY DUNN, PH.D.	<i>Associate Professor of Economics</i>
DONALD B. ENGLE, M.A.	<i>Librarian</i>
ROBERT D. FOULKE, PH.D.	<i>Assistant Professor of English</i>
ALBERT L. GASTMANN, M.A.	<i>Instructor in Government</i>
HELEN B. GREEN, PH.D.	<i>Lecturer in Education</i>
FREDERICK L. GWYNN, PH.D.	<i>James J. Goodwin Professor of English</i>
STEPHEN P. HOFFMAN, JR., PH.D.	<i>Associate Professor of Mathematics</i>
ARNOLD L. KERSON, PH.D.	<i>Assistant Professor of Modern Languages</i>

- WALTER J. KLIMCZAK, PH.D. *Professor of Mathematics*
 EDWARD F. LAWLER, M.S. *Lecturer in Mathematics*
 WALTER D. LEAVITT, PH.D. *Associate Professor of Modern Languages*
 RICHARD T. LEE, PH.D. *Assistant Professor of Philosophy*
 ROBERT LINDSAY, PH.D. *Associate Professor of Physics*
 ALEXANDER A. MACKIMMIE, JR., M.A. *Professor of Education*
 ROBERT J. McCUNE, PH.D. *Lecturer in Physics*
 BLANCHARD W. MEANS, PH.D. *Brownell Professor of Philosophy*
 RICHARD K. MORRIS, PH.D. *Associate Professor of Education*
 REX C. NEAVERTON, PH.D. *Associate Professor of Government*
 EDWIN C. NILSON, PH.D. *Lecturer in Mathematics*
 JAMES A. NOTOPOULOS, M.A. (OXON.) *Hobart Professor of Classical Languages*
 ROBERT P. PIKUL, M.S. *Lecturer in Mathematics*
 WILLIAM J. REYNOLDS, LL.B. *Lecturer in Government*
 DANIEL B. RISDON, M.A. *Associate Professor of English*
 RALPH P. ROMANO, ED.M. *Visiting Instructor in Education*
 LEON I. SALOMON, M.P.A. *Instructor in Government*
 RICHARD SCHEUCH, PH.D. *Associate Professor of Economics*
 EDWARD J. SELIGMAN, PH.D. *Lecturer in Mathematics*
 EDWARD W. SLOAN, III, PH.D. *Assistant Professor of History*
 ROBERT H. SMELLIE, PH.D. *Scovill Professor of Chemistry*
 MILDRED B. STANTON, PH.D. *Lecturer in Education*
 MURRAY A. STEDMAN, PH.D. *Professor of Government*
 ROBERT C. STEWART, M.A. *Associate Professor of Mathematics*
 EDWARD SZIKLAS, PH.D. *Visiting Assistant Professor of Physics*
 ELLIS D. TOOKER, ED.D. *Lecturer in Education*
 LAWRENCE W. TOWLE, PH.D. *G. Fox and Company Professor of Economics*
 RANDALL W. TUCKER, M.B.A. *Associate Professor of Economics*
 ROBERT P. WATERMAN, PH.D. *Associate Professor of Modern Languages*
 GLENN WEAVER, PH.D. *Associate Professor of History*
 E. FINLAY WHITTLESEY, PH.D. *Associate Professor of Mathematics*
 THOMAS E. WILLEY, M.A. *Assistant Professor of History*
 RALPH M. WILLIAMS, PH.D. *Professor of English*

Courses of Instruction

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

Chairman and Graduate Adviser:

PROFESSOR ROBERT H. SMELLIE

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 (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

Chairman: PROFESSOR LAWRENCE W. TOWLE

Graduate Adviser: PROFESSOR RICHARD SCHEUCH

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 seeks to provide a comprehensive and well-grounded acquaintance with contemporary economic problems and a basic familiarity with and command of the tools of modern economic analysis. For those students who may be planning to pursue further advanced study possibly leading to the doctorate, Trinity's program in economics offers a solid training in the basic

disciplines of the science, notably in theory, statistics, and economic history.

Although Trinity offers no degree in business administration, persons in banking and finance, junior business executives, government employees, teachers of economics, and others in the business world will find the background and training that is offered in graduate study in economics professionally valuable.

It is desirable that students who contemplate studying for a Master's degree in economics have a reasonable undergraduate background in economics. In some cases, however, students who have compiled an outstanding undergraduate record but have taken little economics in their undergraduate program have with serious effort made a satisfactory record in their graduate economics program.

All candidates for the Master's degree in economics are required to pass with a satisfactory grade Economics 501 (Price Theory) or to demonstrate by passing a qualifying examination that they have already acquired a proficiency in theory. Only students who have majored in economics or who have taken substantial work in price theory will be permitted to take a qualifying examination. Economics 501 is a prerequisite to all other courses in the Department except Economics 561 (Statistics for Economics) and Economics 572 (Managerial Accounting). Students with a strong background in economics may, with the approval of the Department, substitute for two of the required ten half-year courses in economics two half-year courses in a related field. Every Master's candidate must include among his ten half-year courses Economics 651-652 (Thesis).

COURSES OFFERED IN 1964-1965

Christmas Term

ECONOMICS 501: Price Theory - Monday. A basic course in microanalysis. Intensive study of the price system and resource allocation including the theory of demand; production and cost analysis; the pricing policies of business firms under various market structures. Specific reference will be made to decision-making in selected industries in the United States. The purpose of the course, required of all students majoring in economics, is to provide rigorous training in fundamental analytical techniques. This requirement will be waived for students with strong preparation in economics who pass a qualifying examination. The qualifying test will be administered Saturday morning, September 19, at 9:00 A.M. in Room 301, Williams Memorial. Students who wish to be admitted to the test should notify the Office of Graduate Studies, in writing, no later than September 16 of their intention to take the test.

McCook Center 303 - Mr. Scheuch.

ECONOMICS 511: Money and Banking – Tuesday. The nature and functions of money; monetary standards; the role and operations of commercial banks; central banking and the Federal Reserve System; the Treasury and the money market; foreign exchange and international finance; monetary theory and policy. Prerequisite: Economics 501 or the equivalent.
Williams Memorial 301 – Mr. Towle.

ECONOMICS 521: Economic History of Western Europe – Wednesday. 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.
McCook Center 204 - Mr. Battis.

ECONOMICS 542: Fiscal Policy – Monday. An examination, within the framework of the budgetary process, of the various actions of government influencing total expenditures for goods and services. A study of some obstacles to economic growth and stability, and a critical examination of policy techniques dealing with these obstacles. The role of discretionary and automatic stabilizers in the process of economic change with specific reference to the impact of the budget upon the economy. The influence of the budget upon regional economic development will be examined.
Williams Memorial 301 – Mr. Dunn.

ECONOMICS 651-652: Thesis – Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See *Degree Requirements*.
Mr. Towle and Staff.

Trinity Term

ECONOMICS 512: National Income Analysis and Business Cycles – Tuesday. National income accounts; determinants of the national income; nature and causes of economic fluctuations; business cycles theories; policies for controlling business fluctuations; methods of economic forecasting. Prerequisite: Economics 511 or permission of the instructor.
Williams Memorial 301 – Mr. Towle.

ECONOMICS 522: Economic History of the United States – Wednesday. 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.
McCook Center 204 – Mr. Battis.

ECONOMICS 531(2): Labor Economics – Monday. Study of the problems of wage earners in industrial societies with particular reference to the United States. Topics will include: labor force analysis; wage determination in theory and practice; types of unemployment; adjustments to automation; economic impact of the union; wages and hours legislation; and social security legislation.
Williams Memorial 301 – Mr. Scheuch.

ECONOMICS 572: Managerial Accounting – Wednesday. Introduction to general financial controls, the use and preparation of certain accounting records and statements on the part of management in controlling fiscal matters and in the formulating of policies. Emphasis is placed upon the theoretical and economic-conditioned matters involved in managerial decisions, thereby dealing with the results of general and corporate accounting procedures rather than the procedures themselves. Presupposes a knowledge of elementary accounting principles.

Williams Memorial 301 – Mr. Tucker.

ECONOMICS 651–652: Thesis – Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See *Degree Requirements*.

Mr. Towle and Staff.

COURSES AVAILABLE IN OTHER YEARS

- 532: Union-Management Relations
- 541: Public Finance
- 551: International Economics
- 552: International Economic Problems
- 561: Statistics for Economics
- 575: Comparative Economic Systems
- 581: Government and Industry
- 585: Corporation Finance
- 591–592: History of Economic Thought

EDUCATION

Chairman and Graduate Adviser:

PROFESSOR ALEXANDER A. MACKIMMIE, JR.

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-year courses within the Department. The candidate will be advised to select for the remaining four or more half-year courses required for the degree other subject areas which will serve best the interests of the individual, provided the courses selected meet with the prior approval of the Department. A thesis (Education 651-652) is required of the majority of candidates, but a student may elect two half-year 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 Connecticut. 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.

Teachers accepted for a planned course of study leading to certification under the provisions of the State Department of Education's special Temporary Emergency Permit program are required to enroll in Education 491-492: Student Observation and Teaching. Students in this category will be involved in all the basic activities and phases of the practice teaching experience, including supervision by the department staff and attendance at the seminar sessions. However, because they are not taking over the classes of a faculty member of the school in which they are serving, ordinarily they will not be under the direction of a critic teacher. Graduate credit is not given for Education 491-492.

COURSES

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, the following courses will be available on an alternating basis:

501: History of Education	Evaluation
502: Philosophies of Education	543: Principles of Guidance
503: Developmental Psychology	570: School Law
504: Differential Psychology	600: Problems in Education
507: School and Society	601: Seminar: Research in Education
521: Secondary School Teaching	601: Seminar: Comparative Education
522: Secondary School Administration	602: Seminar: Cultural Anthropology
524: Secondary School Curriculum	651-652: Thesis
541: Educational Measurement and	

COURSES OFFERED IN 1964-1965

Christmas Term

EDUCATION 491-492: Student Observation and Teaching. May not be taken for graduate credit. Six semester hours of undergraduate credit. A laboratory course of supervised observation and teaching experience in cooperating secondary schools in the Capital Area. The student should be able to spend a full day at the secondary school for a period of 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. Enrollment is limited and permission of the instructor is required. Additional fee: ten dollars.

Mr. Mackimmie and Staff.

***EDUCATION 501: History of Education - Monday.** 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.

McCook Center 225 - Mr. Morris.

***EDUCATION 503: Developmental Psychology - Saturday.** 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.

McCook Center 213 - Mr. Tooker.

***EDUCATION 521: Secondary School Teaching - Thursday.** 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.

McCook Center 225 - Mr. Mackimmie.

***EDUCATION 541: Educational Measurement and Evaluation - 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.

McCook Center 225 - Miss Stanton.

EDUCATION 601: Seminar: Research in Education - Wednesday. This course is designed primarily for those who plan to write a thesis in education in partial fulfillment of the requirements for the Master's degree. A study of the historical, philosophical, and statistical methods, including the collection and organization of data appropriate to research in education. Permission of the instructor.

McCook Center 225 - Mr. Morris.

* See page 4.

EDUCATION 651-652: Thesis - Conference hours by appointment. Six semester hours. The preparation of a comprehensive paper representing an original solution to a clearly-defined, significant educational problem. Prerequisite: 601: Research in Education. See *Degree Requirements*.
Mr. Mackimmie and Staff.

Trinity Term

EDUCATION 491-492: Student Observation and Teaching May not be taken for graduate credit. Six semester hours of undergraduate credit. A laboratory course of supervised observation and teaching experience in cooperating secondary schools in the Capital Area. The student should be able to spend a full day at the secondary school for a period of 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. Enrollment is limited and permission of the instructor is required. Additional fee: ten dollars.

Mr. Mackimmie and Staff.

*EDUCATION 502: *Philosophies of Education - Monday*. An advanced course that will treat systematically and historically of 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.

McCook Center 225 - Mr. Morris.

*EDUCATION 504: *Differential Psychology - Saturday*. A study of quantitative data concerning individual, group and trait differences, and the validity and reliability of those measuring instruments through which the data are secured.

McCook Center 213 - Miss Stanton.

*EDUCATION 522: *Secondary School Administration - Thursday*. A study of principles underlying current school practices in organization and administration, and an identification of persistent problems, particularly as they involve the teacher and the pupil.

McCook Center 225 - Mr. Mackimmie.

*EDUCATION 543: *Principles of Guidance - Monday*. A broad inquiry into the meaning, purpose, and scope of guidance, particularly as it finds expression in schools and other community agencies. Attention will be given to teacher counseling in the classroom, to significant inter-disciplinary and inter-agency problems, and to professional issues in contemporary guidance practice.

McCook Center 213 - Mr. Romano.

* See page 4.

EDUCATION 570: School Law – Wednesday. A study of the historical development in the United States of that special body of law, both statutory and common, pertaining to education. Specific problems of status and control will be pursued, where possible, by means of primary source material – state constitutions, statutes and common law rulings.

McCook Center 225 – Mr. Morris.

EDUCATION 602: Seminar: Attitudes and Values of Sub-Cultural Groups – Tuesday. A cross-cultural study of the psychological determinants of behavior, with emphasis on the sub-cultural patterns of Negroes, Jamaicans, and Puerto Ricans. The personality structure of adolescents from these backgrounds will be examined in relation to family organization and such antecedent factors as conditions in the country of origin, colonization, and immigration. Areas of strength and tension will be analyzed with a view to understanding educational adjustment.

McCook Center 225 – Mrs. Green.

EDUCATION 651–652: Thesis – Conference hours by appointment. Six semester hours. The preparation of a comprehensive paper representing an original solution to a clearly-defined, significant educational problem. Prerequisite: 601: Research in Education. See *Degree Requirements*.

Mr. Mackimmie and Staff.

ENGLISH

Chairman and Graduate Adviser:

PROFESSOR FREDERICK L. GWYNN

Graduate courses in English at Trinity are designed for persons with a solid background of study in English who have a professional or personal interest in pursuing advanced work under guidance, probably proceeding to the M.A. degree and beyond. Although the majority of students are usually teachers of English in secondary schools, the program welcomes all interested and qualified persons no matter what their occupations. Each course emphasizes depth of subject matter, accuracy of scholarly research, and range of critical understanding.

A student is expected to have completed an undergraduate major in English, or its equivalent in English courses, to the extent of 24 hours or credits exclusive of freshman English, speech, or journalism. Students applying for candidacy for the degree of Master of Arts with a major in English should meet the above requirements with a grade average of B or 80. Candidates for degrees in other fields who have had 15 hours of English may be admitted to English courses by permission of the Chairman.

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 treat periods or subjects omitted in the student's under-

graduate preparation, or those which have some bearing on his professional interests. Students whose profession is teaching English should elect the courses in linguistics, advanced composition, and literary criticism.

Candidates are required to take a total of ten half-year courses, of which eight must be in the Department, including English 651-652 (Thesis). Outside the Department, candidates may take any graduate course in history, linguistics, philosophy, religion, ancient or modern foreign language or literature.

Summer Program

To enable candidates studying in the summers only to complete the requirements for the Master's degree in a minimum of three summers, the following course areas will probably be available:

Every summer

1. Advanced Placement Freshman English taught by a college instructor and a secondary school teacher. Open for observation to graduate students who are 12th-grade teachers.
2. Linguistics
3. Advanced Composition
4. Literary Criticism
5. Thesis

<i>1965</i>	<i>1966</i>	<i>1967</i>
Genre: Fiction	Genre: Drama	Genre: Poetry
Genre: Epic	Genre: Poetry	Genre: Drama
Period: Medieval	Period: Renaissance	Genre: Satire
Period: Neo-Classical	Period: 19th Century	Period: Renaissance
Period: Modern	Period: Modern	Period: Modern
Period: American	Period: American	Period: American
Writer: Milton	Writer: Modern	Writer: Shakespeare

Christmas Term

ENGLISH 501: Advanced Expository Writing - *Wednesday*. The study and practice of expository writing in its several forms, together with advanced study of language, rhetoric, logic, and effective expression. While acquiring increased skill in writing, the student will also acquire ability in analyzing his own writing and the writing of others. Recent developments in the teaching of composition will receive some attention. For secondary-school teachers and others.

Seabury Hall 16 - Mr. Risdon.

*ENGLISH 561: **Studies in Romanticism: Poetry – Monday.** A close study of the dominant poetic themes and techniques of the major English poets of the Romantic Period, concentrating on Blake, Wordsworth, and Keats. Reading will include a large body of the work of each of these poets as well as complementary reading in the poetry and prose of their contemporaries (Coleridge, Shelley, and others). The purpose of the course is two-fold: first, to understand the work of the three poets in terms of their individual thematic and stylistic development; and second, to discover what these poets share in the way of political and social attitudes, poetic theories, and handling of common poetic forms.

Seabury Hall 16 – Mr. Doskow.

*ENGLISH 573: **Studies in Fiction: Romance and Anti-Romance – Thursday.** Recurrent patterns of initiation, quest, and irony in Cervantes, Scott, Hawthorne, Melville, the Bröntes, James, Conrad, Kafka, Lawrence, Faulkner, Greene, Bellow, and others.

Seabury Hall 16 – Mr. Foulke.

ENGLISH 593: **Studies in English Language and Linguistics – Tuesday.** Linguistic analysis, phonology, morphology, and grammar of the English language. Various modern approaches to language study will be compared and contrasted, and the practical applications of each to questions of usage, structure, and literary analysis will be discussed.

Seabury Hall 16 – Mr. Williams.

ENGLISH 651-652: **Thesis –** Conference hours by appointment. Six semester hours. A project involving scholarly research, critical thinking, and formal writing. Proposals for theses must be submitted by the day after Labor Day for consideration at the September meeting of the Department. The course must be completed during the academic year in which it is begun. See *Degree Requirements* and separate English Department statement.

Mr. McNulty and Staff.

Trinity Term

*ENGLISH 560: **Studies in Neo-Classicism: The Age of Johnson – Thursday.** A study of the decline of neo-classicism and of the development of sentimental and romantic ideas of literature and society as exemplified in the major authors of the period: Johnson, Boswell, Gray, Burns, Blake, Smollett, Sterne, and others.

Seabury Hall 16 – Mr. Williams.

*ENGLISH 576: **Studies in American Literature; Romantics – Tuesday.** A survey of critical opinion on five craftsmen of the American Renaissance (Hawthorne, Melville, Emerson, Whitman, and Thoreau), with concentration on a single masterwork of each (*The Scarlet Letter*, *Moby-Dick*, Emerson's *Essays*, *Leaves of Grass*, and *Walden*) and with attention to cultural backgrounds. For secondary school teachers the course will in-

* See page 4.

clude an evening of oral interpretation and a voluntary pilgrimage to literary shrines in Cambridge and Concord.

Seabury Hall 16 – Mr. Cameron.

*ENGLISH 578: *Studies in Poetry – Monday.* The major effort of the course will be directed toward the understanding of poetic texts through explication and the analysis of devices and structures. The principal forms – ballad, song, sonnet, essay, epistle, satire, ode, and dramatic monologue – will be studied, together with a consideration of the chief schools of poetry – classic, romantic, metaphysical, symbolist, and imagist. This mainly formal treatment will include Japanese, Chinese, Italian, French, Spanish, German, Russian, Greek and Latin poetry in translation, although British and American poetry will be emphasized.

Goodwin Lounge – Mr. Benton.

ENGLISH 580: *Studies in Criticism: The Study of English – Wednesday.* For graduate students who are teachers or prospective teachers of secondary school English, this course will attempt to clarify the principles and practices of studying and teaching “English” in school and college. Not a methods course, it will follow the rationale of the Institute retraining program offered in 1962 by the College Entrance Examination Board Commission on English. The course will explore the theory and practice of English language study, of composition, and of literary criticism, primarily for the educational benefit of the student-teacher himself, but with some attention to the possibilities and problems of teaching language, writing, and literature sequentially in school and college.

Seabury Hall 16 – Mr. Gwynn.

COURSES IN THE ENGLISH PROGRAM

- 501, 502: **Advanced Literary Writing**
- 553, 554: **Chaucer and His Age**
- 557, 558: **Studies in the Renaissance**
- 559, 560: **Studies in Neo-Classicism**
- 561: **Studies in Romanticism**
- 562: **Studies in Victorian Literature**
- 563, 564: **Studies in Contemporary Literature**
- 571, 572: **Studies in Drama**
- 573, 574: **Studies in Fiction**
- 575, 576: **Studies in American Literature**
- 577, 578: **Studies in Poetry**
- 579, 580: **Studies in Criticism**
- 581, 582: **Shakespeare**
- 591, 592: **Studies in the History of Ideas**
- 593, 594: **Studies in English Language and Linguistics**
- 651–652: **Thesis**

* See page 4.

GOVERNMENT

Chairman: PROFESSOR MURRAY A. STEDMAN

Graduate Adviser: PROFESSOR REX C. NEAVERSON

Although the Master of Arts program in government has always attracted public servants, it has not been the intention of the program to provide professional training. Candidates for the degree come from the clergy, law, education, and from other professions, and not least from those whose interests are purely intellectual. Candidates should normally have a Bachelor's degree in one of the social sciences or history although the absence of such a qualification is not necessarily a barrier to those whose undergraduate record was good. The Department must in any event pass upon the eligibility of all applicants.

Candidates for the Master of Arts degree in government are required to complete a total of ten half-year courses, of which eight must be in the Department, including Government 651-652 (Thesis). Courses taken in related areas, normally history, economics, or philosophy, must be approved by the Department Chairman or Graduate Adviser.

New candidates are required to take Government 501 (Introduction to Political Science) as the first course in their program of study. This course is offered in the Christmas Term each year. Those who enter as candidates in the Trinity Term will be permitted to start their study with another government course provided they have the approval of the Department Chairman or Graduate Adviser and provided also that they take Government 501 as the second course in their program.

Candidates who have a reasonable undergraduate background in government or who have other satisfactory academic qualification may request permission to omit Government 501. In cases where doubt exists concerning a candidate's qualifications in this regard, a written examination will be required.

Persons who are not candidates for the Master's degree in government and who wish to take certain courses offered by the Department may do so without completing Government 501 as a prerequisite provided they have the permission and approval of the Department Chairman.

Christmas Term

GOVERNMENT 501: Introduction to Political Science - Monday. A general introduction to the study of political science, its scope and methods. The course will be organized as follows: 1. The history and development of western political theory and its influence on the growth of constitu-

tional government; 2. The impact of the French and industrial revolutions on political theory and a brief introduction to some contemporary political ideas; 3. The major types of governmental organization: an introduction to comparative government and the application of concepts and techniques of political analysis to modern political systems; 4. Analysis of contemporary tensions and conflicts on the international scene. Completion of this course with a satisfactory grade is a prerequisite for admission to candidacy for the degree of Master of Arts in government. See regulations above.

Seabury Hall 46 – Mr. Neaverson.

GOVERNMENT 502: American National Government – Thursday. A review and analysis of American political institutions, with emphasis on recurrent problems and major trends.

Seabury Hall 46 – Mr. Salomon.

***GOVERNMENT 522: International Law – Tuesday.** The nature and sources of the law of nations; jurisdiction of states over territories and persons; questions of recognition; the law of treaties; the peaceful settlement of disputes. Recent trends in the development of a system of international law.

Seabury Hall 46 – Mr. Gastmann.

GOVERNMENT 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 only once.

Mr. Neaverson and Staff.

GOVERNMENT 651–652: Thesis – Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See *Degree Requirements*.

Mr. Neaverson and Staff.

Trinity Term

GOVERNMENT 512: Metropolitan Government – Thursday. Problems of government and administration in metropolitan areas. Inter-governmental cooperation and the development of new forms of metropolitan government in the United States and Canada. The role of the state and the federal government.

Seabury Hall 46 – Mr. Reynolds.

GOVERNMENT 513: American Political Parties – Monday. An historical and functional analysis of American political parties, including a study of interest groups, public opinion, electoral devices, political leaders, and proposals for the reorganization of the existing party structure.

Seabury Hall 46 – Mr. Stedman.

GOVERNMENT 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 only once.

Mr. Neaverson and Staff.

* See page 4.

GOVERNMENT 651-652: Thesis - Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See *Degree Requirements*.
Mr. Neaverson and Staff.

COURSES AVAILABLE IN OTHER YEARS

- 504: American Political Thought
- 509: Congress and the Legislative Process
- 511: Public Administration
- 514: Politics, The Supreme Court and the Constitution
- 521: International Politics
- 523: International Law
- 532: Comparative Government
- 533: Communism
- 536: Government and Politics of Africa
- 580: Government and Politics of Asia

HISTORY

Chairman: PROFESSOR GEORGE B. COOPER

Graduate Adviser: PROFESSOR NORTON DOWNS

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-year 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-year courses in another department. A reading knowledge of one foreign language is required. The thesis is the final project of all candidates.

Summer Program

Courses in history are available both during the Summer Term and the regular academic year. Candidates may complete their course requirements (exclusive of the Thesis) in a minimum of two summers. The following courses will be available every summer:

1. Advanced Placement European History and Advanced Placement United States History. Both are taught by a college instructor and a secondary school teacher. History teachers may register as observers.
2. A selection of history courses representing the following periods and areas: ancient history, Medieval history, European history, American history.
3. Thesis.

Christmas Term

- °HISTORY 506: **Alexander the Great and the Hellenistic Era, 338 B.C. to 200 B.C. – Monday.** A history of Greece and the Near East from the conquest of Greece by Macedon with especial study of the source material on Alexander the Great and on the Hellenization of the East.
Seabury Hall 34 – Mr. Davis.
- °HISTORY 537: **Studies in 19th and 20th Century European Intellectual History – Tuesday.** A seminar on European thought in its political and social context, from the Enlightenment to the present. Considerable attention will be paid to the literature and methods of intellectual history. A reading ability in French, German, or Italian is recommended, although not mandatory. Prerequisite: at least one advanced course in modern European history.
Seabury Hall 4 – Mr. Willey.
- °HISTORY 564: **America in the Twentieth Century – Wednesday.** A topical analysis of recent history based on assigned readings, written and oral reports, and class discussions. Subjects to be considered will include: Intervention in Central America and reinterpretations of the Monroe Doctrine; the First World War and its economic, political, and international consequences for the United States; the era of Normalcy and the Great Depression; the political, economic, and social implications of the New Deal; the rise of organized labor; the Second World War and the Korean War; America's new international role and responsibilities.
McCook Center 204 – Mr. Sloan.
- °HISTORY 601: **The Crusades – Wednesday.** Each student will select for report a topic on some aspect of the Crusades in the 11th to 14th centuries. Particular attention will be paid to bibliography of the period. Prerequisite: a course in the Middle Ages or permission of the Dean or the instructor.
Seabury Hall 4 – Mr. Downs.
- °HISTORY 601: **Seminar: American Historiography – Monday.** A survey of the literature of American history from colonial times to the present. Class discussions will center on representative authors and schools of American historical writing and bibliography.
Seabury Hall 4 – Mr. Weaver.
- HISTORY 651–652: **Thesis – Conference hours by appointment.** Six semester hours. Investigation and report of an original research project. See *Degree Requirements*.
Mr. Cooper and Staff.

Trinity Term

- °HISTORY 532: **France, 1789 to the Present – Thursday.** The development of modern France from the Great Revolution to the present day, examined in the wider European setting.
McCook Center 204 – Mr. Bankwitz.
- ° See page 4.

*HISTORY 550: **History of New England** – *Monday*. The concept of regionalism; political, intellectual, and social development during the colonial and national periods; industrialization, immigration; cultural conflicts and adjustments.

Seabury Hall 4 – Mr. Weaver.

*HISTORY 577: **Modern Canada** – *Thursday*. A political, social, and cultural history of Canada from the middle of the nineteenth century to the present.

Seabury Hall 4 – Mr. Black.

*HISTORY 602: **The Crusades** – *Wednesday*. See description of History 601. History 601 is not a prerequisite.

Seabury Hall 4 – Mr. Downs.

HISTORY 651–652: **Thesis** – Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See *Degree Requirements*.

Mr. Cooper and Staff.

COURSES IN THE HISTORY PROGRAM

505: Greece, 594 to 338 B.C.	538: Italy
506: Greece, 338 to 200 B.C.	541, 542: Russia
507: The Roman Republic	550: New England
508: The Roman Empire	552: United States: The Formative Years
511: The Middle Ages	553: American Sectionalism and the Civil War
512: The Byzantine Empire and Islam	561, 562: United States as a World Power
515, 516: Renaissance Europe	563: United States: Reconstruction to 1910
517: Europe 1760–1870	564: America in the Twentieth Century
518: Expansion of Europe	571: Latin America
519: The Reformation	577: Modern Canada
521, 522: European Diplomatic History	580: Far East
525, 526: England	601, 602: Seminars: Various topics
531, 532: France	651–652: Thesis
535, 536: Germany	
537: Studies in 19th and 20th Century European Intellectual History	

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.

* See page 4.

COURSES AVAILABLE IN OTHER YEARS
OR IN SUMMER SCHOOL

551: Italian Renaissance Literature
553 and 554: Dante – The Divine Comedy
560: The Contemporary Italian Novel

LATIN LITERATURE AND CLASSICAL CIVILIZATION

Chairman and Graduate Adviser:
PROFESSOR JAMES A. NOTOPOULOS

The program leading to the Master of Arts degree in Latin Literature and Classical Civilization is especially designed for secondary school teachers of Latin. However, any person who is qualified and interested in doing advanced study in Latin and classical civilization would find the program appropriate.

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's degree in Latin Literature and Classical Civilization must complete at least six half-year courses involving analytical and interpretive reading of Latin authors in the original. The balance of his program may be taken in Greek and Roman history, classical civilization, linguistics, or Greek. Although no thesis is required, all candidates must pass a comprehensive examination.

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. In subsequent summers the courses available each year will probably include the following areas:

1. Advanced Placement Latin V taught by a college instructor and a secondary school teacher. Open for observation by Latin teachers.
2. Rapid Review of Latin Fundamentals
3. Greek
4. Courses in history and classical civilization
5. A wide selection of courses in Latin literature

Courses in the Program

Latin	Classical Civilization
500: Rapid Review of Latin Fundamentals	501: Greek Archaeology
501: Plautus and Terence	502: Roman Archaeology
502: Tutorial in Roman Comedy	503: Special Topics in Classical Civilization
503: Catullus and Horace	
504: Tutorial in Lyric Poetry	History
505: Cicero	505: Greece, 594–338 B.C.
506: Livy	506: Greece, 338–200 B.C.
507: Vergil: the <i>Aeneid</i>	507: The Roman Republic
508: Vergil: <i>Eclogues</i> and <i>Georgics</i>	508: The Roman Empire
509: Caesar and Sallust	
510: Lucretius	Linguistics
511: The Roman Love Elegy	501: Structural Linguistics
512: Roman Satire	
513, 514: Special Readings in Latin Literature	Greek
	101–102: Elementary Greek
	201: Introduction to Greek Prose
	202: Homer

MATHEMATICS

Chairman: PROFESSOR HAROLD L. DORWART

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 half-year courses in mathematics, or eight in mathematics and two in physics. The mathematics courses shall include Mathematics 503 and 504 (Theory of Functions of a Real Variable I, II) and Mathematics 507 and 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 1964–1965

Christmas Term

MATHEMATICS 500: Advanced Calculus – *Monday* and *Wednesday*, 7:00–8:15. The purpose of this course is to provide a sound background necessary for graduate study in mathematics, (Compare with Mathematics

500A.) The emphasis is on the understanding of the basic concepts of the calculus. Among the topics considered are the basis of the real number system, limits, continuity, differentiation, integration, and infinite series. Prerequisite: differential and integral calculus, 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.

McCook Center 305 – Mr. Seligman.

MATHEMATICS 500A: Advanced Calculus – *Tuesday and Thursday, 7:00–8:15.* This course is designed primarily for students in the physical sciences. Its purposes is to present topics of mathematics which are of common importance in various fields of applications. Among those included are infinite series, power series, solutions of differential equations, introduction to Laplace transform. Fourier series and dynamic programming. Prerequisite: differential and integral calculus or permission of instructor.

McCook Center 305 – Mr. Pikul.

***MATHEMATICS 503: Theory of Functions of a Real Variable I** – *Monday and Wednesday, 7:00–8:15.* Algebra of sets, cardinal numbers, metric spaces, limits and continuity, additive classes, set functions, outer measures and measures. Prerequisite: Mathematics 500 or its equivalent.

McCook Center 307 – Mr. Hoffman.

***MATHEMATICS 505: Theory of Probability** – *Tuesday and Thursday, 8:30–9:45.* Stochastic variable, axiomatic definition of mathematical probability, probability functions, density functions, joint distributions, functions of stochastic variables, moments, tests of statistical hypotheses, random sampling. Prerequisite: Mathematics 500 or its equivalent.

McCook Center 309 – Mr. Anderson.

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

McCook Center 309 – Mr. Ahlberg.

***MATHEMATICS 509: Numerical Mathematical Analysis and Machine Methods I** – *Monday, 7:00–10:00 P.M. and Saturday, 9:00–12:00 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.

McCook Center 309 and United Aircraft Corporation Research Laboratories Machine Computation Laboratory – Mr. Lawler.

***MATHEMATICS 517: Topology** – *Monday and Wednesday, 7:00–8:15.* Introduction to elementary point-set topology and/or elementary combinatorial topology. Prerequisite: Mathematics 500 or its equivalent.

McCook Center 311 – Mr. Whittlesey.

* See page 4.

MATHEMATICS 603: Functional Analysis and Applied Mathematics – *Tuesday* and *Thursday*, 7:00–8:15. Linear spaces and linear operators, spectral theory; applications to ordinary differential equations, Greens' function, eigenvalue problems; delta function, integral equations, partial differential equations. Prerequisites: Mathematics 503, 504, 507, and 508 or permission of instructor.

McCook Center 303 – Mr. Nilson.

Trinity Term

MATHEMATICS 500: Advanced Calculus – *Monday* and *Wednesday*, 7:00–8:15. The purpose of this course is to provide a sound background necessary for graduate study in mathematics. (Compare with Mathematics 500A.) The emphasis is on the understanding of the basic concepts of the calculus. Among the topics considered are the basis of the real number system, limits, continuity, differentiation, integration, and infinite series. Prerequisite: differential and integral calculus, 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.

McCook Center 305 – Mr. Seligman.

MATHEMATICS 500A: Advanced Calculus – *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 applications. Among those included are infinite series, power series, solutions of differential equations, introduction to Laplace transform. Fourier series and dynamic programming. Prerequisite: differential and integral calculus or permission of instructor.

McCook Center 305 – Mr. Pikul.

***MATHEMATICS 504: Theory of Functions of a Real Variable II** – *Monday* and *Wednesday*, 7:00–8:15. Measurable functions and integral functions, general theory of integration, absolute continuity, Fubini's theorem, convergence theorems. Prerequisite: Mathematics 503.

McCook Center 307 – Mr. Hoffman.

***MATHEMATICS 506: Mathematical Statistics** – *Tuesday* and *Thursday*, 8:30–9:45. Correlation and regression, tests of statistical hypotheses, small sample distributions, analysis of variance, topics in calculus, central limit theorem, Poisson distribution, laws of large numbers. Prerequisite: Mathematics 505.

McCook Center 309 – Mr. Anderson.

MATHEMATICS 508: Theory of Functions of a Complex Variable II – *Tuesday* and *Thursday*, 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.

Math-Physics Center 309 – Mr. Ahlberg.

***MATHEMATICS 510: Numerical Mathematical Analysis and Machine Methods II** – *Monday*, 7:00 – 10:00 P.M. and *Saturday* 9:00 – 12:00 A.M. Four semester hours. Topics from matrix algebra, numerical solution of

* See page 4.

differential equations, least squares, polynomial approximations, Gaussian quadrature. Prerequisite: differential equations and Mathematics 509.

McCook Center 309 and United Aircraft Corporation Research Laboratories Machine Computation Laboratory – Mr. Lawler.

***MATHEMATICS 515: Introduction to Modern Algebra – Monday and Wednesday, 7:00–8:15.** A formal approach to fundamental concepts such as groups, rings, fields, together with their application to other parts of mathematics and to physics and philosophy. Prerequisite: Mathematics 500 or its equivalent.

McCook Center 311 – Mr. Stewart.

COURSES AVAILABLE IN OTHER YEARS

- 514: **Mathematical Logic**
- 516: **Operational Calculus**
- 521: **Vector Analysis**
- 522: **Vector and Tensor Analysis**
- 523: **Foundations of Mathematics**
- 525, 526: **Topics from Analysis**
- 601: **Introduction to Functional Analysis**

MODERN LANGUAGES

The courses in French and Spanish literature are designed primarily to offer teachers of these languages and others who are qualified the opportunity to maintain as well as augment their linguistic competence and literary development.

COURSES OFFERED IN 1964–1965

Christmas Term

FRENCH 501: Voltaire and Diderot – Monday. A study of the French Enlightenment as reflected in the major literary and philosophical works of Voltaire and Diderot. The origins and development of this period from Fontenelle and Bayle through the *Encyclopedie*, Condillac, Helvetius and D'Holbach will be considered to serve both as a background to and as further development of the ideas of Voltaire and Diderot. Lectures, discussions, and papers. Conducted in French. Prerequisite: one year of college French literature or its equivalent or permission of the instructor.

Library Seminar Room 1 – Mr. Leavitt.

SPANISH 501: Contemporary Novel and Drama – Wednesday. This course will study the post-Civil War contributions of the Spanish novel and drama to contemporary Western literature. Beginning with the resounding impact of a first novel by Camilo Jose Cela in 1942, which established in Spain the vogue of the "novela tremendista," the generation of contemporary writers has succeeded in restoring these two genres to the prominent

* See page 4.

position they had occupied before the 1930's. Particular attention will be paid to the works of Cela, the foremost Spanish writer of today as well as the most aggressive and experimental. Other important authors to be discussed are Miguel Delibes, Juan Goytisolo, Buero Vallejo, and such women novelists as Carmen Laforet and Ana Maria Matute. Conducted in Spanish. Prerequisite: one year of college Spanish literature or its equivalent or permission of the instructor.

Library Seminar Room 1 - Mr. Andrian.

Trinity Term

FRENCH 502: Eighteenth Century Theatre: Beaumarchais - Tuesday.

The evolution of tragedy, comedy and the *drame bourgeois*, as they reflect the manners and the ideas of the age, will serve as a background for the consideration of the several plays of Beaumarchais, one of the most representative men of the Age of Enlightenment. Conducted in French. Prerequisite: one year of college French literature or its equivalent or permission of the instructor.

Library Seminar Room 1 - Mr. Waterman.

SPANISH 502: Spanish-American Literature - Thursday. A study of the twentieth-century Spanish-American novel, including a consideration of the drama of the same period. Authors read include the novelists Mariano Azuela, Ricardo Giraldes, Eduardo Barrios, Benito Lynch, Teresa de la Parra, Romulo Gallegos, and Agustin Yanez and the dramatists Florencio Sanchez, Rodolfo Usigli, and Conrado Nale Roxlo. In relation to the works studied, attention is also devoted to socio-political aspects and problems of modern Spanish-America, with background readings on this subject. Lectures, reports, and discussion. Conducted in Spanish. Prerequisite: one year of college Spanish literature or its equivalent or permission of the instructor.

Library Seminar Room 1 - Mr. Kerson.

PHILOSOPHY

Chairman: PROFESSOR BLANCHARD W. MEANS

Graduate Adviser: PROFESSOR RICHARD T. LEE

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-year 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 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 or the Office of Graduate Studies.

COURSES OFFERED IN 1964-1965

Christmas Term

- *PHILOSOPHY 541: Seminar: Rationalism - *Tuesday*. A study of the writings of Descartes, Leibniz, and Spinoza, together with a study of a modern rationalist, A. N. Whitehead.
Library Seminar Room 2 - Mr. Lee.
- *PHILOSOPHY 601: Philosophy of Religion - *Monday*. An investigation of some philosophical problems that arise out of reflection on religion; reason and faith, the nature of theology and scripture, the claims of the mystic, morality and religion, evil and death.
Library Seminar Room 2 - Mr. Means and Mr. DeLong.
- PHILOSOPHY 651-652: Thesis - Conference hours by appointment. Intensive inquiry into a special area of philosophy under the direction of the department. See *Degree Requirements*.
Mr. Means and Staff.

Trinity Term

- *PHILOSOPHY 542: Seminar: Metaphysics - *Monday*. An investigation of some of the fundamental problems in philosophy, including such topics as the mind-body problem, freedom and determinism, time, and God.
Library Seminar Room 2 - Mr. Lee.
- *PHILOSOPHY 602: Seminar: Philosophical Analysis - *Tuesday*. A detailed examination of some of the central themes of Logical Atomism, Logical Positivism, and Linguistic Analysis. Writings of Bertrand Russell, Ludwig Wittgenstein, A. J. Ayer, and Gilbert Ryle will be among those studied.
Library Seminar Room 2 - Mr. Anderson.
- 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*.
Mr. Means and Staff.

COURSES AVAILABLE IN OTHER YEARS

543 to 555: Special Studies in Philosophy—various topics and philosophers.

PHYSICS

Chairman and Graduate Adviser:

PROFESSOR F. WOODBRIDGE CONSTANT

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

* See page 4.

The courses are planned to follow an undergraduate concentration in physics and mathematics. Although no one course is specifically required, candidates for the Master's degree in physics normally begin with Physics 501. (See description of this course.) Four half-year 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 Mathematics 500A, if the student has not had such a course, real and complex variables, modern algebra and matrix theory, vector and tensor analysis. A thesis is not required.

COURSES OFFERED IN 1964-1965

Christmas Term

*PHYSICS 501: **Classical Mechanics** - *Monday and Wednesday, 7:00-8:15*. The concepts of mass, force and energy, Lagrange's equations, and the central force problem. Emphasis is placed on the fundamental hypotheses of the physical theory and their expression in various mathematical forms. Prerequisite: at least two courses in physics and two in mathematics, including a course in mechanics. An examination at the first meeting will determine whether some of the students should be required to take Mathematics 500A and/or Physics 500 prior to enrollment in Physics 501.

McCook Center 102 - Mr. McCune.

*PHYSICS 511: **Modern Physics** - *Tuesday and Thursday, 7:00-8:15*. A survey of the major developments in physics since 1900, including theory of relativity, origin of quantum theory, wave mechanics and spectroscopy. Prerequisite: Physics 501, 502, or permission of the Graduate Adviser.

McCook Center 102 - Mr. Sziklas.

Trinity Term

PHYSICS 500: **Fundamental Principles of Physics** - *Monday and Wednesday, 7:00 to 8:15*. No credit. The course is designed to help prepare those who wish to take graduate courses in physics but who have not completed an undergraduate major in physics. The mathematical formulation on the fundamental principles of physics will be reviewed with special emphasis on mechanics and electro-magnetism. Familiarity with the calculus, differential equations, and vector rotation will be developed through the analysis and solution of theoretical problems.

McCook Center 106.

*PHYSICS 502: **Classical Mechanics** - *Monday and Wednesday, 7:00-8:15*. A continuation of physics 501. Dynamics of rigid bodies, special relativity, Hamilton's equations, and small oscillations. Prerequisite: Physics 501.

McCook Center 102 - Mr. McCune.

*PHYSICS 512: **Modern Physics** - *Tuesday and Thursday, 7:00-8:15*. A continuation of Physics 511 including x-rays, nuclear physics and fundamental particles. Prerequisite: Physics 511.

McCook Center 102 - Mr. Sziklas.

* See page 4.

- *PHYSICS 515: **Solid State Physics** – *Tuesday and Thursday, 7:00–8:15.*
A general introductory course in the physical properties of solids. Topics covered include crystal structure, thermal properties, dielectrics, free electron and band theories, semiconductors and magnetism. Prerequisite: Physics 501, 502 or an equivalent course in theoretical physics and at least one semester of atomic physics.
McCook Center 106 – Mr. Lindsay.

COURSES AVAILABLE IN OTHER YEARS

- 503: **Electricity and Magnetism**
- 504: **Electricity and Magnetism**
- 507: **Electromagnetic Theory of Light**
- 508: **Statistical Mechanics**
- 513: **Quantum Mechanics**
- 514: **Quantum Mechanics**
- 601, 602: **Research**

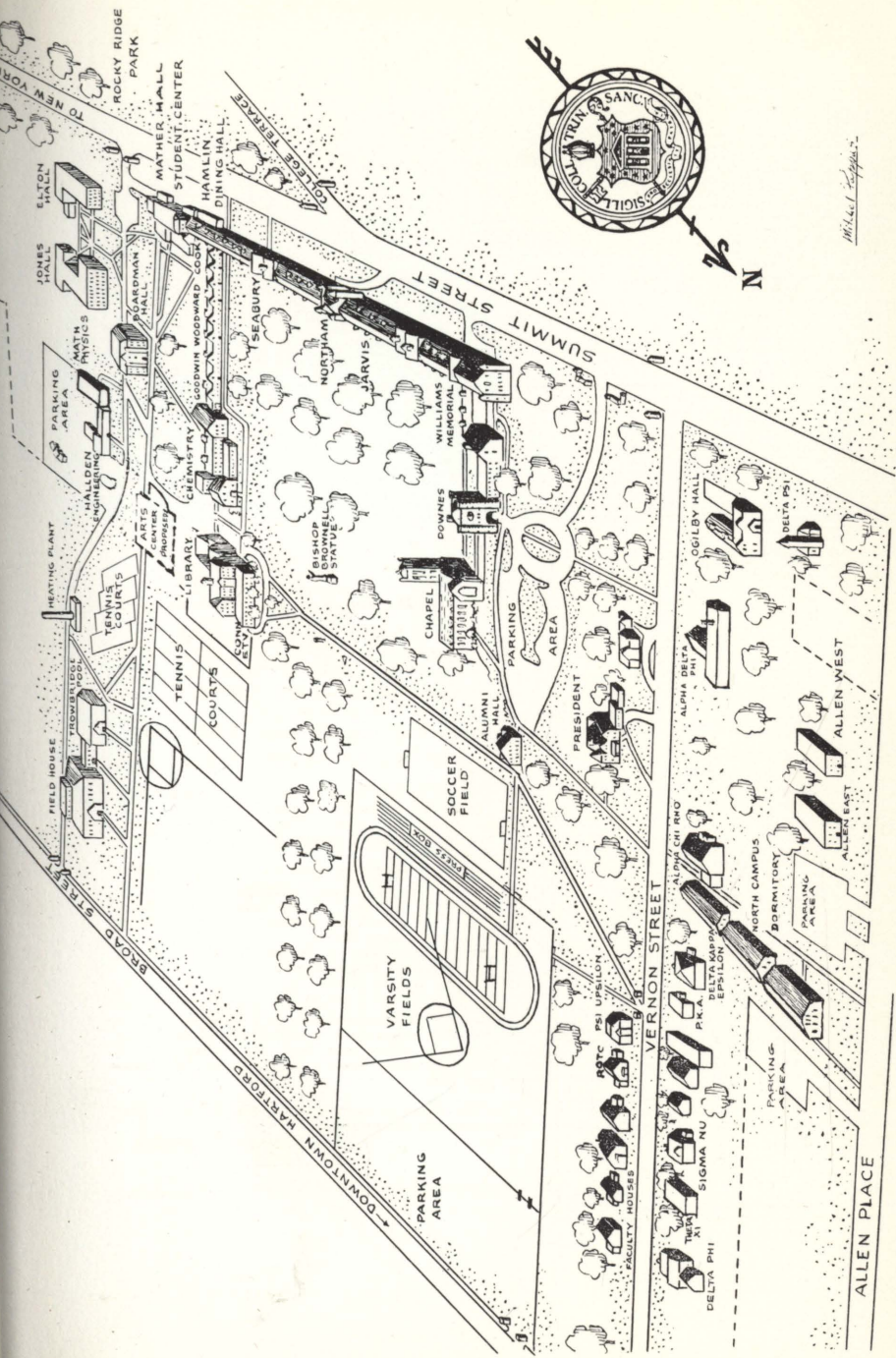
* See page 4.

Masters Degrees

Conferred at the Commencement
June 14, 1964

Samuel Edward Aliano, Jr.	B.A., 1960, Trinity College	M.A.
William Henry Baker	B.A., 1957, St. Bernard Seminary	M.A.
Samuel Evans Bertsche	B.A., 1938, Washburn College, S.M.M., 1940, Union Theological Seminary	M.A.
Michael George Burnett	B.A., 1961, Dartmouth College	M.A.
Katherine Mullen Burns	B.S., Teachers College, Columbia University	M.A.
Leila Gouchnour Carlson	B.S., 1952, Hartford College for Women	M.A.
Gerard James Carney	B.A., 1958, Trinity College	M.A.
Joseph Harris Casello	B.A., 1959, Trinity College	M.A.
Alan Clayson, II	B.A., 1960, Brown University	M.A.
Edward Joseph Close	B.A., 1948, St. John's University	M.S.
Sophie Wenc Corridino	B.A., 1957, St. Joseph College	M.A.
Cyalton James Curtiss, II	B.A., 1961, Yale University	M.A.
Phyllis Baker Deming	B.A., 1935, Smith College	M.A.
Thomas Lennon Donnelly	B.A., 1947, Yale University	M.A.
Jacob Wardwell Edwards	B.A., 1959, Trinity College	M.A.
Frank William Efinger	B.A., 1952, Yale University	M.A.
Isidore Ellin	B.A., 1960, University of Connecticut	M.S.
Donald John Ellwood	B.A., 1961, Trinity College	M.A.
James Vincent Euliano	B.A., 1956, Trinity College	M.A.
Mary Jean Gallerani	B.S., M.Ed., 1951, Boston University	M.A.
Sandra Haas Ginnis	B.A., 1961, Goucher College	M.A.
Philip A. Glynn	B.S., 1954, Central Connecticut State College	M.A.
Michael Francis Gormley	B.S., 1960, Boston College	M.S.
Foster Gunnison, Jr.	B.A., 1949, Columbia University, M.A., 1960, Trinity College	M.A.
William Seth Hokanson	B.S., 1960, Trinity College	M.A.
Rodney Mark Jaros	B.S.S., 1961, Fairfield University	M.A.
Herbert Alan Jeremias	B.A., 1953, College of the City of New York, B.S., 1960, University of Hartford	M.S.
Barclay Giddings Johnson, Jr.	B.A., 1957, Middlebury College	M.A.
Lowell Berthen Johnson	B.A., 1951, University of Minnesota, B.D., 1956, Hartford Theological Seminary	M.A.
Dean Hewes Kelsey	B.A., 1934, Oberlin College	M.A.
Leonard Francis Kilian	B.S., 1952, University of Notre Dame	M.A.
Bruce Joel Klein	B.S., 1960, College of the City of New York	M.S.
Nancy Evelyn LaRoche	B.A., 1958, Saint Joseph College	M.A.
John Malcolm Lashbrook	B.A., 1954, Bucknell University	M.A.
Eleanore Marie Leary	B.A., 1955, College of New Rochelle	M.A.
Joan Esther Lemelson	B.M., 1957, Julius Hartt College of Music	M.A.
Ernest Palmer Lewis, Jr.	B.S., 1953, Trinity College	M.A.
William Robert Liedlich	B.A., 1956, University of Connecticut	M.A.
Gwendolyn Evans Logan	B.A., 1962, University of Hartford	M.A.
Anne Ellsworth Lumbert	B.A., 1950, Wheaton College	M.A.

James Douglas Lynn	B.A., 1953, Brown University	M.A.
Ronald Robinson Mack	B.S., 1961, University of Rhode Island	M.S.
Marilyn Joan Malina	B.A., 1949, Hiram College	M.A.
Charles Cooper McClurkin, III	B.A., 1960, Pennsylvania State University	M.S.
Mary Louise Smith Melley	B.S., 1957, St. Joseph College	M.S.
Fred Henry Michelsohn	B.M.E., 1959, New York University	M.S.
Marcia Haynes Miner	B.A., 1955, University of Bridgeport	M.A.
Theodore Richardson Miner, Jr.	B.A., 1958, Middlebury College	M.A.
John Michael Moran, Jr.	B.A., 1960, Trinity College	M.A.
Joan Schilling Morse	B.A., 1959, Albertus Magnus College	M.A.
Richard Conrad Murphy	B.A., 1955, Princeton University	M.S.
William Patrick Murray, Jr.	B.A., 1957, St. John's College	M.A.
Theodore Adam Orzech	B.S., 1956, Central Connecticut State College	M.A.
Edouard Leopold Paradis	B.A., 1954, University of Connecticut	M.S.
Jerome Anthony Perfetto	B.M.E., 1953, University of Hartford	M.A.
Henry Hill Pierce, Jr.	B.A., 1931, M.A., 1935, Clare College, Cambridge University	M.A.
Louis Fenn Pike	B.S., 1927, Massachusetts Institute of Technology	M.A.
Phyllis Jo Read	B.A., 1959, University of Kentucky	M.A.
June B. Richardson	B.A., 1948, Southern Methodist University	M.A.
Robert Romejko	B.S., 1960, University of Massachusetts	M.S.
Phyllis Ginsburg Rulnick	B.S., 1961, Central Connecticut State College	M.A.
William James Ryan	B.A., 1955, College of the Holy Cross	M.A.
Rolf Dieter Scheidel	B.E.S., 1960, Johns Hopkins University	M.S.
Frederick Richard Schollhammer	B.S., 1948, Trinity College	M.S.
John Francis Sokol	B.A., 1951, M.A., 1953, American International College, B.S., 1959, University of Hartford	M.S.
John Ashcroft Spear, Jr.	B.A., 1955, Amherst College	M.A.
Elizabeth Mary Stanton	B.A., 1950, College of New Rochelle, B.S., 1954, Southern Connecticut State College	M.A.
Henry Peter Traverso	B.S., 1954, College of the Holy Cross	M.A.
Christine Clark Trenholm	B.S., 1956, American International College	M.A.
Janet Marshall Veilleux	B.A., 1958, University of Connecticut	M.A.
Michael Sedgwick Wade	B.A., 1960, Trinity College	M.A.
William Joseph Wholean	B.A., 1951, College of the Holy Cross	M.A.
Charles Forest Williams	B.S., 1962, Pennsylvania State University	M.S.
Frank Poucher Wingate, Jr.	B.A., 1957, Williams College	M.A.



W. L. C. T. 1910