ECONOMICS (Ph.D.)

Executive Officer: Professor Merih Uctum
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FACULTY

THE PROGRAM
The Ph.D. Program in Economics is designed to educate researchers and teachers who will contribute to the development and application of knowledge in economics. The program emphasizes the development of research skills and the acquisition of in-depth knowledge in specialized fields of students’ choice. Students completing the program are prepared for careers in universities, government, consulting firms, and business enterprises. The program is relatively small and provides students accessibility to the faculty and a large measure of personal attention. Opportunities for supervised independent research, interdisciplinary study, and work in research centers are provided on an individual basis. Some of these opportunities are located at the New York office of the National Bureau of Economic Research (NBER) where several members of the doctoral faculty have affiliations. Opportunities for supervised independent research, interdisciplinary study, and work in research centers are provided on an individual basis.

Students may pursue advanced work in the following major fields:
- Public Economics (including subfields of Urban Economics and Public Finance)
- International Economics (including subfields of International Trade, International Macroeconomics and Finance, and Economic Development)
- Economics of Human Resources (including subfields of Labor, Human Resources, and Health Economics)
- Financial Economics (including subfields of Corporate Finance and Investments)
- Macro and Monetary Economics Theory and Policy (including Advanced Macroeconomics and Monetary Theory)
- Industrial Organization (including subfields of Market Structure, Antitrust Policy, and Innovation and Research and Development)

Additional fields may be permitted with the approval of the Executive Officer. Doctoral work in economics is offered at the Graduate Center.
En-route M.A.
Upon completing 40 credits with an average grade of B or better and a capstone project, the student will be qualified to apply for an en-route M.A. degree.

SPECIAL REQUIREMENTS FOR ADMISSION
In addition to meeting the general University requirements for admission stated earlier in this bulletin, students must demonstrate the ability to profit from graduate work in economics. Applicants otherwise qualified who are deficient in any area or areas may be admitted on the condition that they take courses without credit at the earliest possible date to remove these deficiencies.

SPECIAL REQUIREMENTS FOR THE DOCTOR OF PHILOSOPHY
The general University requirements are stated in an earlier section of this bulletin. The special requirements in economics are as follows.

Course of Study A minimum of 60 credits of approved course work is required for a Ph.D. in economics. The student must follow an approved course of study, including two courses in microeconomics, two courses in macroeconomics, at least three courses in econometrics, depending on preparation, a course in economic history or the history of economic thought, and a seminar in applied economics that must be taken at least once for credit and may be taken a second time for credit.

First Examination The First Examination, which should be taken before completion of 45 credits, will cover microeconomics, macroeconomics, and econometrics.

Economic History Requirement All students are required to complete a 3-credit course in economic history or the history of economic thought.

Doctoral Seminar in Applied Economics Students will participate in the ongoing program seminar in applied economics. Students must take the seminar two times for credit and have an option of taking it a third time for credit. The seminar may be audited during other semesters. Attendance will begin following completion of the micro- and macroeconomics course requirements for the First Examination.

Second Examination The Second Examination consists of the successful completion of two major fields and a research paper, and a written comprehensive examination in one of the major fields as described in the Student Handbook of the Ph.D. Program in Economics.

Advancement to Candidacy Students are advanced to candidacy when they have met all of the Graduate Center requirements for advancement. This includes passing the Second Examination and completing at least 60 credits.

Dissertation After completing the Second Examination, and fulfilling all course requirements, the candidate works in consultation with faculty to develop a dissertation proposal. The candidate then presents a dissertation proposal to a seminar open to students and the faculty. After the proposal has been approved, the student works under the guidance of an advisory committee. Upon approval of the dissertation by this committee, the dissertation must be successfully defended at an oral examination.

Courses
Unless otherwise stated, all courses are 30 hours plus conferences, 3 credits.

Microeconomics
ECON 70100 Microeconomic Theory I
45 hours plus conferences, 4 credits
ECON 70200 Microeconomic Theory II
45 hours plus conferences, 4 credits
ECON 80100* Advanced Microeconomic Theory: General Equilibrium and Welfare Economics
ECON 80500* Special Topics in Microeconomic Theory

Macroeconomics
ECON 71100 Macroeconomic Theory I
45 hours plus conferences, 4 credits
ECON 71200 Macroeconomic Theory II
45 hours plus conferences, 4 credits
ECON 81100-81200 Monetary Theory and Policy I–II
ECON 81500 Special Topics in Macroeconomic Theory

Statistics and Econometrics
ECON 82100-82200 Econometrics I–II
45 hours plus conferences, 4 credits
ECON 82300 Applied Microeconometrics
45 hours plus conferences, 4 credits
ECON 82400 Applied Macroeconometrics
45 hours plus conferences, 4 credits
ECON 82800 Panel Econometrics
Prerequisite/corequisite: ECON 82100 Econometrics I

Mathematical Economics and Decision Theory
ECON 72500 Mathematics for Economists
45 hours plus conferences, 4 credits
ECON 82500* Mathematical Economics I

Economic History and Thought
ECON 83100* History of Economic Thought I
ECON 83300* Comparative Economic Systems
ECON 84300 American Economic History
ECON 84400 European Economic History

Industrial Organization
ECON 83400-83500 Industrial Organization I–II

Financial Economics
ECON 83000 Financial Markets and Instruments
ECON 83600 Financial Theory and Engineering

Public Economics
ECON 85100-85200 Public Finance I–II
ECON 88100 Urban Economics I

International Economics and Economic Development
ECON 84100-84200 Economic Development I–II
ECON 86100 International Trade Theory and Policy
ECON 86200 International Macroeconomics and Finance

Human Resource Economics
ECON 87100-87200 Labor Economics I–II
ECON 87400 Economics of Health
ECON 87500* Human Resources

Special Topics and Research
ECON 88000 Research Methods and Writing in Economics
45 hours plus conferences, 4 credits
ECON 89000 Individual Research
1–6 credits
ECON 89800-89900 Seminar in Applied Economics I–II
ECON 89810-89910 Seminar in Applied Economics III
ECON 90000 Dissertation Supervision
1 credit

*offered infrequently