***Twin Cities Campus***

# Economics Ph.D.

*Economics*

**College of Liberal Arts**

Link to a list of faculty for this program.

**Contact Information:**
Department of Economics, 4-101 Hanson Hall, 1925 4th Street South, Minneapolis MN 55455 (612-625-6833; fax: 612-624-0209)
Email: econdgs@umn.edu
Website: http://www.econ.umn.edu/graduate/index.html

- Program Type: Doctorate
- Requirements for this program are current for Fall 2018
- Length of program in credits: 62
- This program does not require summer semesters for timely completion.
- Degree: Doctor of Philosophy

Along with the program-specific requirements listed below, please read the General Information section of the catalog website for requirements that apply to all major fields.

The economics graduate program offers degree work in both theoretical and applied fields of economics. It is possible to pursue thesis research in microeconomic or macroeconomic theory. In addition, the following fields of specialization are offered: econometrics, economic growth and development, financial economics, game theory, industrial organization, international economics, labor economics, mathematical economics, monetary economics, and public economics.

Students are admitted only for the PhD; the MA is an optional part of the PhD program.

## Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

## Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.50.

**Special Application Requirements:**
Coursework in linear algebra and multivariate calculus is required for admission to the Ph.D. program.

Applicants must submit their test score(s) from the following:

- GRE
  - General Test - Quantitative Reasoning: 159

International applicants must submit score(s) from one of the following tests:

- TOEFL
  - Internet Based - Total Score: 100
  - Internet Based - Speaking Score: 23
- IELTS
  - Total Score: 7
- MELAB

Key to test abbreviations(GRE, TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the General Information section of the catalog website.

## Program Requirements

16 credits are required in the major.
12 credits are required outside the major.
24 thesis credits are required.

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This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.20 is required for students to remain in good standing.

At least 3 semesters must be completed before filing a Degree Program Form.

Emphasis in all aspects of the program is on careful development of the theoretical basis for the work, whether the work is theoretical or applied, and whether the relevant theory is drawn from economics, econometrics, mathematics, statistics, or other related disciplines.

Before undertaking research for a doctoral thesis, the student must pass written preliminary exams in micro- and macroeconomic theory, plus in two of the fields listed under the curriculum section above. The number of courses taken to help students prepare for the preliminary examinations is determined through consultation with the student's advisor.

**Required Core Courses**

Take the following courses for 16 credits:
ECON 8101 - Microeconomic Theory (2.0 cr)
ECON 8102 - Microeconomic Theory (2.0 cr)
ECON 8103 - Microeconomic Theory (2.0 cr)
ECON 8104 - Microeconomic Theory (2.0 cr)
ECON 8105 - Macroeconomic Theory (2.0 cr)
ECON 8106 - Macroeconomic Theory (2.0 cr)
ECON 8107 - Macroeconomic Theory (2.0 cr)
ECON 8108 - Macroeconomic Theory (2.0 cr)

**Economics Electives**

These courses are optional
Take 0 or more credit(s) from the following:
•ECON 8xxx

**Outside Coursework**

Take at least 12 credits outside the major. Courses are chosen in consultation with the director of graduate studies.

**Thesis Credits**

Take exactly 24 credit(s) from the following:
•ECON 8888 - Thesis Credit: Doctoral (1.0 - 24.0 cr)

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