Twin Cities Campus

Economics B.S.

Economics

College of Liberal Arts

- Program Type: Baccalaureate
- Requirements for this program are current for Spring 2019
- Required credits to graduate with this degree: 120
- Required credits within the major: 64 to 68
- Degree: Bachelor of Science

Economics emphasizes critical thinking and the understanding of basic economic principles. The BS is for students interested in graduate study in economics or in a career where quantitative economic analysis plays a significant role. The strong quantitative component in this degree emphasizes multivariate calculus, linear algebra, and econometrics.

Students choose from courses in comparative economic systems, economic theory, econometrics, economic development, game theory, industrial organization, cost-benefit analysis, environmental, financial, international, mathematical, monetary, public, and labor economics.

For more information, visit www.econ.umn.edu.

Program Delivery

This program is available:

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

Admission Requirements

Students must complete 4 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions website.

Required prerequisites

Preparatory Coursework

Take exactly 4 course(s) totaling exactly 16 credit(s) from the following:

Principles of Micro and Macroeconomics

- ECON 1101 - Principles of Microeconomics [SOCS, GP] (4.0 cr)

ECON 1102 - Principles of Macroeconomics (4.0 cr)

- **Calculus I**
  - MATH 1271 - Calculus I [MATH] (4.0 cr)

or MATH 1571H - Honors Calculus I [MATH] (4.0 cr)

or MATH 1371 - CSE Calculus I [MATH] (4.0 cr)

- **Calculus II**
  - MATH 1272 - Calculus II (4.0 cr)

or MATH 1572H - Honors Calculus II (4.0 cr)

or MATH 1372 - CSE Calculus II (4.0 cr)

General Requirements

All students are required to complete general University and college requirements including writing and liberal education courses. For more information about University-wide requirements, see the liberal education requirements.Required courses for the major or minor in which a student receives a D grade (with or without plus or minus) do not count toward the major or minor (including transfer courses).

Program Requirements

Supporting work in computer science, mathematics, and statistics is recommended.

All study-abroad or transfer courses must be approved by the Director of Undergraduate Studies in the Department of Economics.

At least 12 upper-division credits in the major must be taken at the University of Minnesota - Twin Cities campus.

Students may receive no more than one undergraduate degree from the Department of Economics: a BA or a BS or a minor.

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All incoming CLA freshmen must complete the First-Year Experience course sequence.

Core Courses

Take exactly 7 course(s) totaling exactly 28 credit(s) from the following:

- ECON 3101 - Intermediate Microeconomics (4.0 cr)
  ECON 3102 - Intermediate Macroeconomics (4.0 cr)
- ECON 4261 - Introduction to Econometrics (4.0 cr)
- MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
  or MATH 2574H - Honors Calculus IV (4.0 cr)
  or MATH 2373 - CSE Linear Algebra and Differential Equations (4.0 cr)
- MATH 2263 - Multivariable Calculus (4.0 cr)
  or MATH 2573H - Honors Calculus III (4.0 cr)
  or MATH 2374 - CSE Multivariable Calculus and Vector Analysis (4.0 cr)
- **Theory of Statistics I & II**

  Take one of the following course pairs for a total of 8 credits:

  STAT 4101 - Theory of Statistics I (4.0 cr)
  STAT 4102 - Theory of Statistics II (4.0 cr)
  or STAT 5101 - Theory of Statistics I (4.0 cr)
  STAT 5102 - Theory of Statistics II (4.0 cr)

Electives

With prior approval of the Director of Undergraduate Studies, one of the following courses may count towards the Electives requirement: MATH 4603, MATH 5615H.

Take exactly 4 course(s) totaling 12 - 16 credit(s) from the following:

- ECON 3970 - Topics in Economics (3.0 cr)
- ECON 4113 *{Inactive}*(4.0 cr)
- ECON 4331W - Economic Development [WI] (3.0 cr)
- ECON 4337 *{Inactive}*(3.0 cr)
- ECON 4431W - International Trade [GP, WI] (3.0 cr)
- ECON 4432W - International Finance [WI] (3.0 cr)
- ECON 4531 - Labor Economics (3.0 cr)
- ECON 4631 - Industrial Organization and Antitrust Policy (3.0 cr)
- ECON 4721 - Money and Banking (3.0 cr)
- ECON 4821 - Public Economics (3.0 cr)
- ECON 4831 - Cost-Benefit Analysis (3.0 cr)
- ECON 4731 *{Inactive}*(3.0 cr)
  or ECON 4738 *{Inactive}*(4.0 cr)
- ECON 4751 - Financial Economics (3.0 cr)
  or ECON 4751H *{Inactive}*(4.0 cr)
  or ECON 4758 - Advanced Financial Economics (4.0 cr)
- ECON 4960 *{Inactive}*(4.0 cr)
  or ECON 4968 *{Inactive}*(4.0 cr)
- **Area Study Courses**

  Only one country/area study course or DUS-approved study abroad course may count toward the electives requirement.

  Take no more than 1 course(s) from the following:

  - ECON 3960 *{Inactive}*(3.0 cr)
  - ECON 4311 - Economy of Latin America (3.0 cr)
  - ECON 4317 - The Chinese Economy (3.0 cr)
- **Independent Study**

  Take at most 3 credit(s) from the following:

  - ECON 3991 - Independent Study (1.0 - 3.0 cr)

Advanced Courses

The Micro/Macro Analysis and Theory courses (ECON 416x) are quarter-long courses meant to be taken in pairs.

Take 2 or more course(s) totaling 8 or more credit(s) from the following:

- ECON 4108 - Advanced Game Theory and Applications (4.0 cr)
- ECON 4438W - Advanced International Trade [GP, WI] (4.0 cr)
- ECON 4538 - Advanced Labor Economics (4.0 cr)
- ECON 4738 *{Inactive}*(4.0 cr)
- ECON 4748 *{Inactive}*(4.0 cr)
- ECON 4751H *{Inactive}*(4.0 cr)
- ECON 4758 - Advanced Financial Economics (4.0 cr)
- ECON 4828 *{Inactive}*(4.0 cr)
- ECON 4968 *{Inactive}*(4.0 cr)
- ECON 4161 - Microeconomic Analysis I (2.0 cr)
  ECON 4162 - Microeconomic Analysis II (2.0 cr)

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•ECON 4163 - Microeconomic Analysis III (2.0 cr)
ECON 4164 - Microeconomic Analysis IV (2.0 cr)
•ECON 4165 - Macroeconomic Theory (2.0 cr)
ECON 4166 - Macroeconomic Theory (2.0 cr)
•ECON 4167 - Macroeconomic Theory (2.0 cr)
ECON 4168 - Macroeconomic Theory (2.0 cr)
•PUBH 6832 is a Masters' level course. Economics majors with a 3.6 or higher GPA should contact Dr. Simran Sahi about the possibility of signing up for this course.
•ECON 5890 *{Inactive}*(3.0 cr)
or PUBH 6832 - Economics of the Health Care System (3.0 cr)

Upper Division Writing Intensive within the Major

Students are required to take one upper division writing intensive course within the major. If that requirement has not been satisfied within the core major requirements, students must choose one course from the following list. Some of these courses may also fulfill other major requirements.
Take 0 - 1 course(s) from the following:
•ECON 4331W - Economic Development [WI] (3.0 cr)
•ECON 4431W - International Trade [GP, WI] (3.0 cr)
•ECON 4432W - International Finance [WI] (3.0 cr)
•ECON 4438W - Advanced International Trade [GP, WI] (4.0 cr)
•Students interested in taking ECON 4100W must register concurrently for ECON 4831 or another Advanced ECON course, and receive permission from the Director of Undergraduate Studies.
•ECON 4100W *{Inactive}*[WI] (1.0 cr)
with ECON 4831 - Cost-Benefit Analysis (3.0 cr)
or ECON 4xx8 - Advanced Course

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