Twin Cities Campus

Economics - Quantitative Emphasis B.A.

Economics

College of Liberal Arts

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2017
- Required credits to graduate with this degree: 120
- Required credits within the major: 53
- Degree: Bachelor of Arts

Economics emphasizes critical thinking and the understanding of basic economic principles. The BA - Quantitative Emphasis adds basic quantitative training (in calculus, linear algebra, and econometrics) and best suits students considering graduate work in business administration.

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 the following 4 courses for a total of 16 credits.

ECON 1101 - Principles of Microeconomics [SOCS, GP] (4.0 cr)
ECON 1102 - Principles of Macroeconomics (4.0 cr)
MATH 1271 - Calculus I [MATH] (4.0 cr)
or MATH 1371 - CSE Calculus I [MATH] (4.0 cr)
or MATH 1571H - Honors Calculus I [MATH] (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or MATH 1372 - CSE Calculus II (4.0 cr)
or MATH 1572H - Honors 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

Students are required to take 4 semester(s) of any second language.

CLA BA degrees require 18 upper-division (3xxx-level or higher) credits outside the major designator. These credits must be taken in designators different from the major designator and cannot include courses that are cross-listed with the major designator. The major designator for the Economics - Quantitative Emphasis BA is ECON.

All major coursework must be taken A-F. Up to 3 credits of independent study (ECON 3991) may count toward the major. Supporting work in computer science, mathematics, and statistics is recommended. Only one country/area study course (ECON 3960, 4311, 4317) or DUS-approved study-abroad course may count toward the electives requirement. All study-abroad or transfer courses must be approved by the director of undergraduate studies in the Department of Economics. Students must take at least one writing intensive course in the major, or take ECON 4100W concurrently with ECON 4831, or an honors course.

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Students must complete at least 12 credits of upper-division coursework (ECON 3xxx-5xxx) in residence 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.

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

Major Requirements

Take 6 of the following courses for a total of 23 credits.
ECON 3101 - Intermediate Microeconomics (4.0 cr)
ECON 3102 - Intermediate Macroeconomics (4.0 cr)
ECON 4211 - Principles of Econometrics (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
or STAT 3032 - Regression and Correlated Data (4.0 cr)

Electives

With prior approval of the Director of Undergraduate Studies, students can take ACCT 5101 as one of the required electives.
Take 4 or more course(s) totaling 12 or more credit(s) from the following:
•ECON 3970 - Topics in Economics (3.0 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 4621 *{Inactive}*(3.0 cr)
•ECON 4631 - Industrial Organization and Antitrust Policy (3.0 cr)
•ECON 4721 - Money and Banking (3.0 cr)
•ECON 4731 *{Inactive}*(3.0 cr)
•ECON 4821 - Public Economics (3.0 cr)
•ECON 4831 - Cost-Benefit Analysis (3.0 cr)
•ECON 4751 - Financial Economics (3.0 cr)
or ECON 4751H *{Inactive}*(4.0 cr)
•ECON 4960 *{Inactive}*(4.0 cr)
or ECON 4960H *{Inactive}*(4.0 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)
•**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)

Senior Project

This requirement may be waived if a senior project has been completed in another CLA department.
Take exactly 1 course(s) totaling exactly 2 credit(s) from the following:
•ECON 3951 - Economics Capstone (2.0 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)
•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)

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