



Twin Cities Campus

Economics - Quantitative Emphasis B.A.

Economics

College of Liberal Arts

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2020
- Required credits to graduate with this degree: 120
- Required credits within the major: 53
- Degree: Bachelor of Arts

The Bachelors of Arts in Economics gives students the economic and analytical tools necessary to examine and solve contemporary economic problems. This major pathway adds quantitative training in calculus, linear algebra, and econometrics. For more information, visit <https://cla.umn.edu/economics>

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 1371](#) - CSE Calculus I [MATH] (4.0 cr)
- or [MATH 1571H](#) - Honors Calculus I [MATH] (4.0 cr)

Calculus II

- [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.

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

At least 17 upper-division credits in the major must be taken at the University of Minnesota - Twin Cities campus. At least 6 of the 8 upper-division ECON courses must be taken from the Department of Economics at the University of Minnesota Twin Cities campus.

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



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

Core Courses

Take exactly 6 course(s) totaling exactly 23 credit(s) from the following:

- [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

Take exactly 4 course(s) totaling 12 or more credit(s) from the following:

- [ECON 3970](#) - Topics in Economics (3.0 cr)
- [ECON 4115](#) - Uncertainty and Information (4.0 cr)
- [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 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 4751](#) - Financial Economics (3.0 cr)
- [ECON 4821](#) - Public Economics (3.0 cr)
- [ECON 4831](#) - Cost-Benefit Analysis (3.0 cr)
- [ECON 4960](#) - Topics in Economics (4.0 cr)

Area Study Courses

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

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

- [ECON 3960](#) - Topics in Economics: Area Studies (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)

Capstone

In the capstone, students demonstrate that they can think critically and define an economic issue; review relevant literature; gather, recognize, and interpret data; use economic theory and statistical tools to analyze economic problems; interpret and communicate findings; and attain understanding and proficiency in the modes of inquiry common to the discipline.

Take exactly 1 course(s) totaling exactly 2 credit(s) from the following:

Students who double major within CLA and choose to complete the capstone requirement in their other major may waive the Economics-Quantitative Emphasis B.A. capstone, and they do not need to replace the 2 credits.

Capstone Seminar

- [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)