***Twin Cities Campus***

# Economics B.S.

*Economics*

**College of Liberal Arts**

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 64 to 68
- Degree: Bachelor of Science

The Bachelors of Science in Economics gives students the economic, mathematical, and analytical tools to solve contemporary economic problems. This major pathway is recommended for students considering graduate studies in economics or pursuing a career as a professional economist or in an analytics-based field. 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 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

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 BA is ECON.

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

At least 24 upper-division credits in the major must be taken at the University of Minnesota Twin Cities campus. At least 7 of the 9 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 or a BS or a minor.

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

All students must complete a capstone in at least one CLA major. The requirements for double majors completing the capstone in a

© 2005 by the Regents of the University of Minnesota
The University of Minnesota is an equal opportunity educator and employer.
Information current as of March 29, 2024

different CLA major will be clearly stated. Students must also complete all major requirements in both majors to allow the additional capstone to be waived. Student completing an addition degree must complete the capstone in each degree area.

**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**

Take exactly 4 course(s) totaling 12 - 16 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 4341 - Economics of Poverty and Income Inequality (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 *{Inactive}*(4.0 cr)
- **Area Study Courses**

  Only one country/area study course or department-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)

**Advanced Courses**

The Microeconomic Analysis courses (ECON 416x) are quarter-long (7-week) 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 4118 - Advanced Mathematical Economics (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 4758 - Advanced Financial Economics (4.0 cr)
- ECON 4828 *{Inactive}*(4.0 cr)
- ECON 4970 *{Inactive}*(4.0 cr)
- ECON 4161 - Microeconomic Analysis I (2.0 cr)
  ECON 4162 - Microeconomic Analysis II (2.0 cr)
- ECON 4163 - Microeconomic Analysis III (2.0 cr)
  ECON 4164 - Microeconomic Analysis IV (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)

© 2005 by the Regents of the University of Minnesota
The University of Minnesota is an equal opportunity educator and employer.

•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)

© 2005 by the Regents of the University of Minnesota
The University of Minnesota is an equal opportunity educator and employer.