University of Minnesota
College of Liberal Arts
Student Services

Sociology
Bachelor of Arts

Information on major requirements is subject to change and is provided here for information purposes. For current information about major requirements, contact your CLA student community or the major department. ---- 01/02

College of Liberal Arts
Student Services

American studies
B.A.-Quantitative Emphasis

The economics major emphasizes critical thinking and the understanding of basic economic principles. The program offers three degrees: the B.A., the B.A.-quantitative emphasis, and the B.S. The B.A. gives students a solid background in economics, is the least quantitative of the three majors, and provides excellent preparation for students interested in working immediately after graduation or considering law school. The B.A.-quantitative emphasis, which this brochure describes, adds basic quantitative training (in calculus, linear algebra, and econometrics) and best suits students considering graduate work in business administration. The B.S. 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.

Preparatory Coursework
Econ 1101—Principles of Microeconomics, Econ 1102—Principles of Macroeconomics, Math 1271—Calculus I, and Math 1272—Calculus II, with a minimum grade of C- in each course.

Degree Requirements
To complete the B.A.-quantitative emphasis, students must complete at least 120 credits, including 26 economics credits which count towards the major requirement. Students take Econ 1101 and 1102 and Math 1271 and 1272 before declaring the major. In addition to taking economics courses, students can select one upper division course from related programs and one independent or directed study. Three mathematics and statistics courses are required for the degree. Only one country study (out of Japanese Economy, Russian Economy, Latin American Economy, Chinese Economy, or any other area study) may count toward the major. Transfer students must complete at least nine of their upper division economics credits (three courses) at the University of Minnesota, Twin Cities campus.

Required Courses
- Econ 3101—Intermediate Microeconomics
- Econ 3102—Intermediate Macroeconomics
- Econ 4211—Principles of Econometrics
- Four additional upper division economics courses for a total of 12 credits
- Math 2243—Linear Algebra and Differential Equations
- Stat 3021—Introduction to Probability and Statistics
- Stat 3022—Data Analysis

Electives
One course may be taken from the following selected courses in accounting, finance, and applied economics and applied to the 12 credits of economics upper division courses.
- Fina 3001
- Acct 5100
- ApEc 4821 or any selected 5xxx ApEc course
Final Project

Students have four options for completing the senior project.

- A or B grade in an instructor-supervised research seminar (2 credits) offered every fall and spring semesters: Econ 3951—Major Project Seminar.
- Directed study (up to 3 credits of Econ 3993) resulting in a project supervised by a faculty member or instructor.
- A term paper with a minimum grade of A- from an upper division economics course.
- Acceptable honors (up to 6 credits) projects or theses. (Students do not register for Econ 3951.) Again, the theses must be examined by the Senior Project instructor to see if it is acceptable. Please check the department webpage for details about this requirement.

Skills

Economics majors develop skills that are applicable to a wide variety of careers. These skills include:

- Analytical thinking and problem solving skills
- Independent, self-motivated work ethic
- Ability to formulate clear and persuasive messages
- Listening, clarifying, questioning and responding skills
- Ability to work well with diverse groups

Employment

Common areas of employment for this major include but are not limited to:

- Finance—banking, insurance, securities, analyst, mortgage
- Other business—market research, sales, consulting, human resources, manager
- Government—public information, campaigns, research, economist, planner, foreign affairs
- Education—teaching, research, student affairs
- Nonprofit—fundraising, programming, management

You will be required to declare a major by the time you have completed 60 credits.

1. Learn more about the major and its requirements by talking with the department Peer adviser, by going to 1073 Heller Hall, calling 625-5893 or emailing econugr@econ.umn.edu. You can also check the department website at http://www.econ.umn.edu; click on Undergraduate Programs for details about our three undergraduate majors and their requirements.

2. When you decide upon an economics major, meet with the peer adviser from the department to complete a Major Program form.
3. Bring a copy of the form or plan to your CLA student community.
4. If you decide to change your major, contact your student community to learn more about your new major’s declaration process.

For more information

About the economics major:
Undergraduate Advising
1073 Heller Hall
(612) 625-5893
http://www.econ.umn.edu

About CLA requirements, graduation, and other information about majors:
CLA Social Sciences Student Community
575 Heller Hall
(612) 626-7714
http://socialsci.cla.umn.edu
socsci@class.cla.umn.edu

or

CLA Martin Luther King, Jr. Program
19 Johnston Hall
(612) 625-2300
http://www.mlk.umn.edu/
mlk@class.cla.umn.edu

About careers, internships, and community learning opportunities in this major and others:
Career and Community Learning Center
135 Johnston Hall
(612) 624-7577
www.cclc.umn.edu
cclc@class.cla.umn.edu

About graduation with honors:

Students interested in graduating with honors should contact:

CLA Honors Division
115 Johnston Hall
(612) 624-5522
www.cla.umn.edu/honors/
honors@class.cla.umn.edu

Remember!

You have not declared a major until you have:

- completed a Major Program Form with your major adviser
- filed a copy with the major department
- filed a copy with your CLA student community
- be sure to keep a copy for yourself