

2021-2022 Degree Requirement Summary

B.S. IN QUANTITATIVE ECONOMICS

For the most up-to-date requirements, please refer to your DegreeWorks Audit.

General Education Requirements

- ☐ IT 101 Information Technology
- ☐ EXP 1 _____ Expository Writing I¹
- ☐ EXP 2 _____ Expository Writing II¹
- ☐ _____ Literature/Cinema/EMS²
- ☐ MA131 Calculus I
- ☐ MA139 Calculus II
- ☐ NASC _____ Natural Science (4 credits)
- ☐ GLS _____ Global Studies: GLS 100, 101, 102, 105 or 116
- ☐ HI _____ History
- ☐ PH 101 Problems of Philosophy
- ☐ PS/SO _____ Behavioral Science
- ☐ EC 111 Principles of Microeconomics
- ☐ EC 112 Principles of Macroeconomics
- ☐ FS 111 First Year Seminar (1 credit)

Business Core Requirements

- ☐ GB 110 Legal and Ethical Environment of Business
- ☐ GB 112 Tools and Concepts in Accounting and Finance
- ☐ GB 212 Practice and Applications in Accounting and Finance
- ☐ GB 213 Business Statistics
- ☐ GB 214 Marketing-Operations Fundamentals
- ☐ GB 215 Human Behavior and Organizations
- ☐ GB 310 Business Processes and Systems
- ☐ GB 320 Integrated Business Project
- ☐ GB 410 Global Strategy

Major Requirements

- ☐ EC 224 Intermediate Price Theory³
- ☐ EC 225 Intermediate Macroeconomics³
- ☐ EC 282 Introduction to Econometrics
- ☐ EC 425 Quantitative Methods in Economics & Business
- ☐ EC 483 Applied Econometrics
- ☐ EC _____ Economics Elective⁴
- ☐ EC _____ Economics Elective⁴
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- ☐ EC _____ Economics Elective⁴

Electives⁵

- ☐ MA/NASE _____ Math or Natural Science Elective
- ☐ _____ Humanities/Social Science Elective
- ☐ _____ Business Related Elective
- ☐ _____ Arts and Science Elective
- ☐ _____ Arts and Science Elective
- ☐ _____ Arts and Science Elective
- ☐ _____ Arts and Science Elective
- ☐ _____ Unrestricted Elective

Course Focus Requirements

- ☐ U.S. Diversity Intensive (D)
- ☐ International Intensive (I)
- ☐ Communication Intensive (C)
- ☐ Communication Intensive/Major (EC 483)

Total credits required 122

Note: Transfer students with at least 15 credits in transfer will complete 121 credits.

All courses are 3 credits unless otherwise indicated.

Office Notes:

IMPORTANT NOTICE! Students are responsible for understanding all university policies, procedures and requirements. Such information can be found in the Undergraduate Course Catalogue, Registrar's website, and the Student Handbook. Please be aware that overall and major averages must be at least 2.000 for graduation. This information is to help the student in monitoring progress toward the degree. Responsibility for meeting all degree requirements rests with the student.

QUANTITATIVE ECONOMICS (QEC)

This major focuses on the systematic study of mathematical and statistical analysis of economic phenomena and problems. Includes instruction in economic statistics, optimization theory, cost/benefit analysis, price theory, economic modeling, and economic forecasting and evaluation. The quantitative focus of the major includes intermediate level theory courses, two econometrics courses, and a quantitative methods in economics course. This major may be of interest to students pursuing highly analytical career fields, as well as students potentially interested in going on to graduate school in economics or related fields. This major is STEM designated so may be of particular interest to international students qualifying for extended work opportunities.

Prerequisite/Corequisite Structure

COURSES	PREREQUISITES
EC 224	EC 111 & EC 112 and Math 1
EC 225	EC 111 & EC 112 and Math 1
EC 282	EC 111, EC 112, and GB 213 cannot be taken by students who have completed MA 252
EC 425	MA 131, MA 139, EC 224 (*CPR) or EC 225 (*CPR)
EC 483	EC 282
EC Elective	vary by course
EC Elective	vary by course
EC Elective	vary by course
EC Elective	vary by course

CPR= co- or prerequisite

1. Placement in this course is determined by the English and Media Studies department.
2. Requirement may be fulfilled with any LIT/CIN/EMS course or MLCH 403, MLFR 304, MLIT 304, MLIT 305, MLSP 306, 307, 404, or 405. Certain topics/titles of MLCH 402 or MLSP 301 may also apply.
3. Whenever possible, EC 224 and EC 225 should be taken junior year.
4. Any EC courses not otherwise required can fulfill the EC elective requirements. Major electives should be selected in consultation with an economics faculty mentor.
5. Elective guidelines are available on the Registrar's website. An optional 12-credit minor can fulfill the applicable elective requirements.