

MINOR IN QUANTITATIVE ECONOMICS FOR NON BUSINESS STUDENTS

Overview

Minor Area of Specialization in Quantitative Economics (STEM)

The **Minor in Quantitative Economics** equips non-business students with solid analytical tools and econometric techniques supporting critical thinking to deal with economic problems. Students will be able to comprehend major economic trends and apply economic theories and quantitative techniques to the analysis of specific fields. This program emphasizes the interpretation and development of quantitative economics applications.

Non-Business students may pursue a minor in Quantitative Economics by taking 15 credit hours of predominantly STEM-designated Economics courses, per the curriculum requirements.

Curriculum Requirements for Non-Business Students

Interested students should consult with an academic advisor in the School or College of their degree/major to determine if the minor in Quantitative Economics is acceptable. If so, neither advice nor consent from either the Office of Undergraduate Business Education or the Economics department is necessary for a student to choose or complete a minor in Quantitative Economics. Instead the non-business student should simply declare the Quantitative Economics minor and complete the required 15 credit hours of Economics courses, according to the following:

Code	Title	Credit Hours
Required Courses		
ECO 211	Principles of Microeconomics	3
ECO 212	Principles of Macroeconomics	3
ECO 302	Microeconomic Theory ¹	3
Choice Courses for the Minor		
Select two courses from the following: ²		6
ECO 430	Applied Econometrics	
ECO 444	Game Theory in Economic Applications.	
ECO 460	Industrial Organization	
ECO 497	Directed Studies in Economics	
ECO 499	Special Topics in Economics (STEM Topics)	
ECO 510	Mathematical Economics and Applications	
ECO 511	Empirical Labor Economics	
ECO 512	Topics in Mathematical Economics	
ECO 520	Advanced Econometrics	
ECO 521	Advanced Macroeconomic Theory	
ECO 533	Advanced Microeconomic Theory	
Total Credit Hours		15

¹ Pre-requisites for ECO 302 : ECO 211 and MTH 141 or MTH 151 or MTH 161 or MTH 171 or an equivalent Calculus 1 course or higher

² Course pre-requisites vary by course.

* **NOTE:** All specific coursework for the minor in Quantitative Economics must be completed with a grade of "C-" or higher. A minimum cumulative GPA of 2.5 is required for all specific coursework taken in the minor area of specialization. No course may double count in any other major, minor, or cognate.