QUANTITATIVE ECONOMICS BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Program Overview

Quantitative Economics is a joint program of the Zimpleman College of Business and the Mathematics Department of the College of Arts and Sciences. The program offers integrated study in mathematics, statistics, and economics. The program is designed to prepare students for graduate study in economics (M.A. or Ph.D. programs) or business (Ph.D. programs or quantitatively oriented M.B.A. programs). The program also prepares students for research-oriented jobs in government, business, or consulting.

Quantitative Economics Major Requirements - Bachelor of Science in Business Administration

The B.S.B.A. in Quantitative Economics is offered by the Zimpleman College of Business and additionally requires students to complete the Business Core courses. (Note that there is some overlap with the major.)

Code	Title	Hours
Business Core Courses		
ACCT 041	INTRODUCTION TO FINANCIAL ACCOUNTING	3
ACCT 042	INTRODUCTION TO MANAGERIAL ACCOUNTING	3
BLAW 060	BUSINESS LAW I	3
BUS 010	INTRODUCTION TO BUSINESS	3
BUS 020	APPLIED BUSINESS PROFESSION	2
BUS 030	CAREER READINESS AND PROFESSIONALISM	1
BUS 070	GLOBALIZATION	3
BUS 195	BUSINESS STRATEGY AND POLICY	3
ECON 002	PRINCIPLES OF MICROECONOMICS	3
ECON 010	PRINCIPLES OF MACROECONOMICS	3
FIN 101	CORPORATE FINANCE	3
IS 044	BUSINESS PRODUCTIVITY TOOLS	3
IS 125	OPERATIONS MANAGEMENT AND INFORMATION SYSTEMS	3
MATH 050	CALCULUS I	3
MGMT 110	ORGANIZATIONAL BEHAVIOR	3
MKTG 101	MARKETING PRINCIPLES	3
ACTS 131	INTRODUCTION TO PROBABILITY I	3
ACTS 135	MATHEMATICAL STATISTICS	3
ACTS 131L	INTRODUCTION TO PROBABILITY I LAB	0.5
Quantitative Economics Major Courses		
MATH 070	CALCULUS II	3
MATH 080	LINEAR ALGEBRA	3
MATH 100	CALCULUS III	3
STAT 040	INTRODUCTION TO R AND SAS	3
Math Electives		
Select two of the following:		6
MATH 101	MATHEMATICS REASONING	
MATH 110	MULTIVARIATE CALCULUS	
MATH 120	APPLIED DIFFERENTIAL EQUATIONS I	
MATH 125	MATHEMATICS MODELING	
MATH 127	INTRODUCTION TO GAME THEORY	
MATH 176	ADVANCED LINEAR ALGEBRA	
MATH 184	INTRODUCTION TO REAL ANALYTICAL MATHEMATICS I	
Required Courses		
STAT 170	REGRESSION AND TIME SERIES	3
ECON 173	INTERMEDIATE MICROECONOMICS ANALYSIS	3
ECON 174	INTERMEDIATE MACROECONOMICS ANALYSIS	3
Select two additional economics electives numbered 100 or above		6
Total Hours		**84.5**

In addition to programmatic requirements, students are responsible for satisfying all requirements of the Drake Curriculum (https://catalog.drake.edu/undergraduate/academic-information/drake-curriculum/), including Areas of Inquiry (AOI).

Student must also satisfy university graduation requirements (https://catalog.drake.edu/undergraduate/academic-information/graduation-requirements/) for all undergraduate students.