ECONOMICS, BS

Students interested in studying economics should be able to think analytically, be creative in solving problems and have a strong interest in overall business strategy and/or public policy. Economics is also a good major for pre-law students as well as students desiring to pursue a master of business administration, a master of public administration or an advanced degree in economics, public policy, finance, or other areas of business.

The University’s economics program offers an extensive array of courses to develop the student’s analytical abilities and prepare graduates for rewarding careers in business, industry and government. Economics also provides a sound foundation for postgraduate study in a variety of fields. The department offers a major in economics through both the Culverhouse College of Commerce and the College of Arts and Sciences. Students majoring in other fields in Culverhouse may select economics as a non-commerce minor. Students majoring or minorin in economics are urged to consult an undergraduate advisor for recommendation of 400-level economics courses and general electives consistent with their career goals and objectives.

Economics majors must complete the core Computer Language requirement by taking FI 389 Financial Analysis and Modeling or EC 389 Computerized Management Information Systems. Economics majors must also complete a specialization or a second major. A minimum of 18 hours is required for a second major. Students may choose any second major (business or non-business) with a plan approved by the department. Students who complete a minor (but not a second major) must also complete a specialization.

Major Courses
- EC 308 Intermediate Microeconomics (minimum grade of C-) 3
- EC 309 Intermediate Macroeconomics (minimum grade of C-) 3
- Fi 301 Introduction to Financial Institutions and Markets 3
- Additional EC courses 1

Total Credit Hours Subtotal: 18

Specialization
- Specialization or Second Major 9-60

Credit Hours Subtotal: 9-60

Total Hours: 27-78

1 EC 400 Analysis of Economic Conditions at the Micro & Macro Levels and EC 492 Internship cannot be counted toward the major; EC 470 Introduction to Mathematical Economics is strongly recommended for those considering graduate work in economics or business.

Dual Major in Economics and Mathematics

The dual major in economics and mathematics is for students looking to apply strong quantitative skills in the field of economics. This curriculum is ideal for students in pursuit of a career that involves forecasting and/or an understanding of formal economic modeling. It also provides students with the mathematical background necessary for pursuing a doctoral degree in economics. Students in this degree program are formally enrolled in the Culverhouse College of Commerce, but the curriculum is determined by both the College of Commerce and the College of Arts and Sciences. Students are not required to select a mathematics track when pursuing this dual major.

Economics Courses
- EC 308 Intermediate Microeconomics (minimum grade of C-) 3
- EC 309 Intermediate Macroeconomics (minimum grade of C-) 3
- EC 471 Econometrics 3
- EC elective 3
- Fi 301 Introduction to Financial Institutions and Markets 3
- Fi 389 Financial Analysis and Modeling 3
- EC 413 Economic Forecasting & Analysis 3

Total Hours: 21

Mathematics Courses
- MATH 227 Calculus III 4
- MATH 237 Introduction to Linear Algebra 3
- MATH 238 Appld Diff Equations I 3
- MATH 355 Theory Of Probability 3
- MATH 451 Math Stats W/Applictn I 3
- MATH electives (300- or 400-level) 1 6

Total Hours: 22

1 The following courses cannot be counted as MATH electives: MATH 402 History Of Mathematics and MATH 405 Geometry For Teachers.

Specializations in Economics

Applied Microeconomics

Select three of the following: 9
- EC 410 Law And Economics
- EC 412 Industrial Organization
- EC 423 Public Finance
- EC 430 International Trade
- EC 442 Economic Development of Latin America
- EC 444 Political Economy of Terrorism
- EC 480 Economics of the Environment and Natural Resources
- EC 482 Seminar on Economic Issues

Total Hours: 9

Econometrics & Forecasting

Econometrics & Forecasting

Students must major in Economics.
- EC 413 Economic Forecasting & Analysis 3
- EC 470 Introduction to Mathematical Economics 3

Total Hours: 9
Economics

Economics Hours
For non-Economics majors.
EC 308 Intermediate Microeconomics 3
EC 309 Intermediate Macroeconomics 3
Two 300- or 400-level EC electives 6
Total Hours 12

International Economics

International Economics Hours
Students must major in Economics, complete at least three years (six semesters) of a foreign language, and spend a semester abroad.
EC 430 International Trade 3
EC 431 International Finance 3
EC 442 Economic Development of Latin America 3
Total Hours 9

Macroeconomics & Monetary Policy

Macroeconomics & Monetary Policy Hours
Students must major in Economics.
EC 413 Economic Forecasting & Analysis 3
EC 416 Monetary Theory & Policy 3
EC 431 International Finance 3
Total Hours 9

Public Policy & Law

Public Policy & Law Hours
Students must major in Economics.
Select three of the following: 9
EC 410 Law And Economics
EC 412 Industrial Organization
EC 423 Public Finance
EC 444 Political Economy of Terrorism
EC 480 Economics of the Environment and Natural Resources
EC 482 Seminar on Economic Issues
Total Hours 9

Quantitative Economics

Quantitative Economics Hours
Students must major in Economics.
MATH 125 Calculus I 4
MATH 126 Calculus II 4
MATH 227 Calculus III 4
MATH 237 Introduction to Linear Algebra 3
EC 413 Economic Forecasting & Analysis 3
EC 470 Introduction to Mathematical Economics 3
EC 471 Econometrics 3
ST 454 or Mathematical Statistics I 3
MATH 355 Theory Of Probability 3
ST 455 or Mathematical Statistics II 3
MATH 451 Math Stats W/Applictn I 3
Total Hours 30

The opportunities for students who complete a bachelor’s degree in economics range from positions in banking and financial services to real estate, insurance, enterprise risk management, consulting, and the public sector. The economics major also provides excellent preparation for admission to law school, MBA programs, schools of public policy and doctoral programs in economics, finance or other areas of business.

Types of Jobs Accepted
Consulting firms, litigation consultant, stock broker, financial advisor, data miner, Teach for America, economist for public utilities commission.

Jobs of Experienced Alumni
Our experienced alumni hold positions such as attorney, professor of economics, credit risk manager, data miner, various management positions and public policy analyst.

Learn more about opportunities in this field at the Career Center.