Courses

AC 210. Intro To Accounting. 4 sem. hrs.
Introduction to accounting and financial reporting concepts and the use of accounting information in financial and managerial decisions. Students who intend to major in accounting should take AC 289 before or concurrently with AC 210.
Prerequisite(s): EC 110.

AC 289. Computer Applications. 3 sem. hrs.
Introduction to information technology and computer applications in business. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): CS 102 or CS 114 or CBH 101.

Prerequisite(s): AC 201 and AC 202; or AC 210.

AC 311. Fin Report Analy Bus Activ II. 3 sem. hrs.
Prerequisite(s): AC 310.

AC 334. Introduction to Fraud Risk Management. 3 sem. hrs.
This course provides a basic overview of fraud risk management in business, including the global fraud problem, fraud risk identification, assessment, prevention, detection, and follow-up.
Prerequisite(s): AC 210.

AC 351. Managerl Acctg Decisions. 3 sem. hrs.
Prerequisite(s): AC 210 or AC 201 and AC 202.

AC 352. Corporate Financl Report. 3 sem. hrs.
Prerequisite(s): AC 210 or AC 201 and AC 202.

AC 361. Cost Analysis Plng & Control. 3 sem. hrs.
A study of the theory and application of accounting for measuring the economic attributes of the firm’s operations. The course examines the measurement, analysis, and interpretation of accounting information for planning and controlling a firm’s business-related activities.
Prerequisite(s): AC 201 and AC 202; or AC 210.

AC 371. Introduction To Taxation. 3 sem. hrs.
Introduction to tax policy, planning, practice, and research with an emphasis on income taxation.
Prerequisite(s): AC 201 and AC 202; or AC 210.

AC 389. Acct Info Syst Opern Cntrl. 3 sem. hrs.
Introduction to the operation and development of accounting information systems, e-business applications, networking, and controls. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): AC 289 or CS 285; and AC 310.

AC 415. Current Issues in the Accounting Profession. 3 sem. hrs.
This course is for accounting students who are returning from a spring internship.

AC 432. Intro Corp Gov Risk Assess. 3 sem. hrs.
A risk-oriented study of standards, concepts, procedures, and professional ethics underlying governance and the practice of external and internal auditing and assurance services. The course will focus on mechanisms and activities that enhance the reliability of information for decision making.
Prerequisite(s): AC 311 and AC 389.

AC 456. Govt & Non-Profit Acctg. 3 sem. hrs.
Special features of budgetary and fund accounting are applied to municipalities, other government units, and institutions such as schools and hospitals.
Prerequisite(s): AC 310.

AC 471. Taxation Bus Transact Organizt. 3 sem. hrs.
Examination of the tax implications of business formations, transactions between the entity and the owners, reorganizations, and liquidations. The course develops tax research skills.

AC 491. Independent Study. 3 sem. hrs.
Students are selected through a competitive process for assignments in approved business or public sector organizations.

AC 497. Special Topics. 3 sem. hrs.

Department of Economics, Finance and Legal Studies

Professor Billy P. Helms, Department Head
Office: 200 Alston Hall

The primary objective of the Department of Economics, Finance and Legal Studies is to offer high quality undergraduate and graduate programs in economics and finance which are designed to prepare students for rewarding careers in both the public and private sectors of the competitive job market.

Programs offered provide basic economic and financial concepts and knowledge that serve as the foundation for both public policy and business decision-making activity. Furthermore, through the many courses offered in each program, students can specialize in areas such as applied economics, public sector economics, international economics, financial management, investing and public finance that suit their career development goals.

The Department is home to these majors and specializations:

**Majors**
- Economics
- Finance

**Economics Specializations**
- Applied Microeconomics
- Economics (for non-majors)
- Econometrics and Forecasting
- International Economics
- Macroeconomics and Monetary Policy
- Public Policy and Law
- Quantitative Economics

**Finance Specializations**
- Actuarial Science
- Banking & Financial Services
- Finance (for non-majors)
- Financial Management
- Insurance and Financial Services: Risk Management
- International Finance
- Investment Management
- Personal Wealth Management
- Quantitative Finance
- Real Estate
## Major in Economics

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 C&B&A and the College of Arts and Sciences. Students majoring in other fields in C&B&A may select economics as a non-commerce minor. Students majoring or minoring in economics are urged to consult the undergraduate adviser 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 one of the following (or a similar course) approved by the department: Acct Info Syst Dev Opern Cntr (AC 389), Computerized Mgt Info Systems (FI 389), Information Tech Oper Mgt (OM 385) or Marketing Information Systems (MKT 385). Economics majors must also select 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. Approved majors already exist for math and modern languages. Students selecting non-business minors must also complete a specialization in business.

### Major in Economics*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 308</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 309</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FI 301</td>
<td>Intro Financil Instt Mkt</td>
<td>3</td>
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<tr>
<td>Additional</td>
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<td>9</td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

*EC 470 Intro To Math Econ is strongly recommended for those considering graduate work in economics or business.
**A grade of C- or higher is required in EC 308 Intermediate Microeconomics and EC 309 Intermediate Macroeconomics.

### Double Major in Economics and Mathematics

The double 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 requires 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.

#### Economics Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 308</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 309</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 471</td>
<td>Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>EC elective</td>
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</tr>
<tr>
<td>FI 301</td>
<td>Intro Financil Instt Mkt</td>
<td>3</td>
</tr>
<tr>
<td>FI 389</td>
<td>Computerized Mgt Info Systems</td>
<td>3</td>
</tr>
<tr>
<td>EC 413</td>
<td>Economic Forecast &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Total Hours</td>
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</tr>
</tbody>
</table>

*A grade of C- or higher is required in EC 308 Intermediate Microeconomics and EC 309 Intermediate Macroeconomics.

#### Mathematics Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 227</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 237</td>
<td>Introduction to Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 238</td>
<td>Appld Diff Equations I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 355</td>
<td>Theory Of Probability</td>
<td>3</td>
</tr>
<tr>
<td>MATH 451</td>
<td>Math Stats W/Applictn I</td>
<td>3</td>
</tr>
<tr>
<td>MATH electives (300- or 400-level)</td>
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*The following courses cannot be counted as MATH electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 402</td>
<td>History Of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 405</td>
<td>Geometry For Teachers</td>
<td>3</td>
</tr>
</tbody>
</table>

### Major in Finance

Finance majors must complete the core Computer Language requirement by taking one of the following or a similar course approved by the department: Computerized Mgt Info Systems (FI 389), AC 389 Acct Info Syst Dev Opern Cntr, Information Tech Oper Mgt (OM 385) or Marketing Information Systems (MKT 385). Finance majors are required to select a specialization or 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. Approved majors already exist for math and modern languages. Students selecting non-business minors must also complete a specialization in business.

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</tr>
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<td>FI 301</td>
<td>Intro Financil Instt Mkt</td>
<td>3</td>
</tr>
<tr>
<td>FI 410</td>
<td>Intermediate Financial Mgt</td>
<td>3</td>
</tr>
<tr>
<td>FI 412</td>
<td>Money &amp; Capital Market</td>
<td>3</td>
</tr>
<tr>
<td>FI 414</td>
<td>Investments</td>
<td>3</td>
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<tr>
<td>Total Hours</td>
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<td>18</td>
</tr>
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### Double Major in Finance and Mathematics

The double major in finance and mathematics is for students looking to apply strong quantitative skills in the field of finance. This curriculum is ideal for students in pursuit of a career that requires an understanding of financial modeling or students desiring to attend graduate school. 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.

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<td>FI 414</td>
<td>Investments</td>
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### Double Major in Finance and Economics

The double major in finance and economics is for students looking to combine the fields of finance and economics.

### Double Major in Finance and Economics

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<td>Intermediate Microeconomics</td>
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</tr>
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<td>3</td>
</tr>
<tr>
<td>FI 301</td>
<td>Intro Financil Instt Mkt</td>
<td>3</td>
</tr>
<tr>
<td>FI 389</td>
<td>Computerized Mgt Info Systems</td>
<td>3</td>
</tr>
<tr>
<td>FI 410</td>
<td>Intermediate Financial Mgt</td>
<td>3</td>
</tr>
<tr>
<td>FI 412</td>
<td>Money &amp; Capital Market</td>
<td>3</td>
</tr>
<tr>
<td>FI 414</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>Approved FI elective</td>
<td></td>
<td></td>
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</tbody>
</table>
Additional EC courses 12
Total Hours 36

Specializations in Economics

Applied Microeconomics
Students must major in economics.
Choose 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 Econ Of Environment
EC 482 Seminar On Econ Issues
Total Hours 9

Econometrics & Forecasting
Students must major in Economics.
EC 413 Economic Forecast & Analysis 3
EC 470 Intro To Math Econ 3
EC 471 Econometrics 3
Total Hours 9

Economics
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
Students must major in Economics, complete at least three years (six semesters) of foreign languages, 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
Students must major in Economics.
EC 413 Economic Forecast & Analysis 3
EC 416 Monetary Theory & Policy 3
EC 431 International Finance 3
Total Hours 9

Public Policy & Law
Students must major in Economics.
Choose 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 Econ Of Environment
EC 482 Seminar On Econ Issues
Total Hours 9

Quantitative Economics
Students must major in Economics.
MATH 125 Calculus I 15
& MATH 126 and Calculus II 3
& MATH 227 and Calculus III 3
& MATH 237 and Introduction to Linear Algebra 3
EC 413 Economic Forecast & Analysis 3
EC 470 Intro To Math Econ 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

Specializations in Finance

Actuarial Science
Not open to General Business majors.
MATH 125 Calculus I 12
& MATH 126 and Calculus II 3
& MATH 227 and Calculus III 3
EC 413 Economic Forecast & Analysis 3
FI 341 Fundamentals of Risk Management & Insurance 3
FI 389 Computerized Mgt Info Systems 3
FI 419 Financial Derivatives 3
ST 452 Applied Regression Analysis 3
ST 454 Mathematical Statistics I 3
ST 455 Mathematical Statistics II 3
Non-Finance majors will need to take FI 410 and FI 414 if they plan to sit for the actuarial exams. 0-6
Total Hours 33-39

Banking & Financial Services
Students must major in Finance.
AC 351 or Managerl Acctg Decisions 3
AC 352 Corporate Financl Report 3
FI 341 Fundamentals of Risk Management & Insurance 3
FI 421 Bank Administration 3
Total Hours 9

Finance
For non-Finance majors
EC 308 Intermediate Microeconomics 3
FI 301 Intro Financl Instit Mkt 3
Choose two of the following: 6
FI 410 Intermediate Financial Mgt 3
FI 412 Money & Capital Market 3
FI 414 Investments 3
Total Hours 12

Financial Management
Students must major in Finance.
AC 310 Finan Report Analy Bus Activ I 3
AC 311 Fin Report Analy Bus Activ II 3
AC 361 Cost Analysis Plang & Control 3
AC 389 Acct Info Syst Dev Opern Cntrl 3
FI 411 Corporate Finance Policy (may be substituted for FI 412 in the Finance major) 3
Total Hours 3
Financial Derivatives (may be substituted for EC 309 in the Finance major)

Total Hours 18

Insurance & Financial Services: Risk Management

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FI 341</td>
<td>Fundamentals of Risk Management &amp; Insurance</td>
<td>3</td>
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</table>

Choose five of the following (three will count as part of the Finance major):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>FI 360</td>
<td>Personal Asset Mgt</td>
<td></td>
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<tr>
<td>FI 410</td>
<td>Intermediate Financial Mgt</td>
<td></td>
</tr>
<tr>
<td>FI 412</td>
<td>Money &amp; Capital Market</td>
<td></td>
</tr>
<tr>
<td>FI 414</td>
<td>Investments</td>
<td></td>
</tr>
<tr>
<td>FI 442</td>
<td>Business Risk Mgt</td>
<td></td>
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<tr>
<td>FI 443</td>
<td>Property Liability Insur</td>
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<tr>
<td>FI 444</td>
<td>Life &amp; Health Insurance</td>
<td></td>
</tr>
<tr>
<td>LGS 403</td>
<td>Estates &amp; Trusts</td>
<td></td>
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</tbody>
</table>

Total Hours 18

International Finance

Students must major in Finance, take at least three years (six semesters) of foreign languages, and spend a semester abroad.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EC 430</td>
<td>International Trade</td>
<td>3</td>
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<tr>
<td>FI 431</td>
<td>International Finance</td>
<td>3</td>
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<tr>
<td>EC 442</td>
<td>Economic Development of Latin America</td>
<td>3</td>
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Total Hours 9

Investment Management

Students must major in Finance.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>AC 351</td>
<td>Managerl Acctg Decisions</td>
<td>3</td>
</tr>
<tr>
<td>FI 415</td>
<td>Adv Investment Topics</td>
<td>3</td>
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<td>FI 419</td>
<td>Financial Derivatives</td>
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Total Hours 9

Personal Wealth Management

<table>
<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>AC 371</td>
<td>Introduction To Taxation</td>
<td>3</td>
</tr>
<tr>
<td>FI 341</td>
<td>Fundamentals of Risk Management &amp; Insurance</td>
<td>3</td>
</tr>
<tr>
<td>FI 360</td>
<td>Personal Asset Mgt</td>
<td>3</td>
</tr>
<tr>
<td>FI 444</td>
<td>Life &amp; Health Insurance</td>
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<tr>
<td>FI 460</td>
<td>Advanced Financial Planning</td>
<td>3</td>
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<td>LGS 403</td>
<td>Estates &amp; Trusts</td>
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</table>

Non-Finance majors will need to take FI 414 to sit for the CFP exam. 0-3

Total Hours 18-21

Quantitative Finance

Students must major in Finance.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>MATH 125</td>
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<tr>
<td>&amp; MATH 126</td>
<td>and Calculus II</td>
<td></td>
</tr>
<tr>
<td>&amp; MATH 227</td>
<td>and Calculus III</td>
<td></td>
</tr>
<tr>
<td>&amp; MATH 237</td>
<td>and Introduction to Linear Algebra</td>
<td></td>
</tr>
<tr>
<td>EC 413</td>
<td>Economic Forecast &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FI 419</td>
<td>Financial Derivatives</td>
<td>3</td>
</tr>
<tr>
<td>ST 454 or</td>
<td>Mathematical Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 355</td>
<td>Theory Of Probability</td>
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</tr>
<tr>
<td>ST 455 or</td>
<td>Mathematical Statistics II</td>
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</tr>
<tr>
<td>MATH 451</td>
<td>Math Stats W/Applictn I</td>
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</table>

Total Hours 27

Real Estate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FI 331</td>
<td>Principles of Real Estate</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours
Economics (EC) Courses

EC 110. Principles of Microeconomics. 3 sem. hrs.
Introduction to microeconomic analysis concentrating on consumer and producer behavior, competitive and imperfect markets, public policy and regulation, and income distribution.
Prerequisite(s): MATH 100 or MATH 110 or MATH 112 or MATH 113 or MATH 115 or MATH 121 or MATH 125 or MATH 145 or MATH 146.

EC 111. Principles of Macroeconomics. 3 sem. hrs.
Introduction to macroeconomic analysis concentrating on national income, price levels, employment, monetary and fiscal policies, and international trade and development.
Prerequisite(s): EC 110.

EC 210. Microeconomic Policy Analysis. 3 sem. hrs.
This course uses economic analysis to examine a range of public policy issues.
Prerequisite(s): EC 110.

EC 211. Macroeconomic Policy Analysis. 3 sem. hrs.
Building on the macroeconomics background of EC 111, students will consider current national and international economic problems and issues.
Prerequisite(s): EC 111.

EC 300. Current Economic Problems. 3 sem. hrs.
Prerequisite(s): EC 110 and EC 111.

EC 308. Intermediate Microeconomics. 3 sem. hrs.
Examination of the theory of price and the theory of resource allocation. Topics include demand theory, production and cost functions, pricing and output under competitive and noncompetitive conditions, resource markets, and rudiments of general equilibrium analysis.
Prerequisite(s): MATH 121 or MATH 125; and EC 110 and EC 111.

EC 309. Intermediate Macroeconomics. 3 sem. hrs.
A study of the theoretical framework underlying income, employment, and growth analysis.
Prerequisite(s): EC 110 and EC 111.

EC 389. Computerized Mgt Info Systems. 3 sem. hrs.
Introduction to the components of computerized management information systems and applications of computer-based systems to business decisions. Students may not receive credit for EC 389 and FI 389.
Prerequisite(s): ST 260 or ST 250 and ST 251; and AC 210 and EC 110 and EC 111 and FI 302 or IE 203 or CE 366.

EC 400. Analysis Econ Cond Micro.Macro. 3 sem. hrs.
Not open to majors in economics and finance. Uses basic economic theory to assess real-world business and economic conditions at the micro and macro levels.
Prerequisite(s): EC 110 and EC 111 and ST 260 or ST 250 and ST 251; and OM 300 and FI 302.

EC 410. Law And Economics. 3 sem. hrs.
This course will use the tools of economic analysis to analyze public policy issues and to explore the intersections between the law and economics. Writing proficiency is required for a passing grade in this course.
Prerequisite(s): EC 308.

EC 412. Industrial Organization. 3 sem. hrs.
Study of the various types of industry structure, conduct, and performance; business strategies; and policy alternatives. Emphasizes case studies from the major types of industry.
Prerequisite(s): EC 308.

EC 413. Economic Forecast & Analysis. 3 sem. hrs.
Survey of the analytical techniques used by economists to forecast the macro and micro levels of economic activity and the effects of public policy on the economy. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): EC 308 and EC 309.

EC 416. Monetary Theory & Policy. 3 sem. hrs.
Analysis of the role of money in the economy and the conduct of monetary policy. Emphasis is given to the money supply process, the demand for money, and the choice of monetary-policy strategies and procedures.
Prerequisite(s): EC 110 and EC 111.

EC 423. Public Finance. 3 sem. hrs.
Study of the principles of taxation, government expenditures, borrowing, and fiscal administration.
Prerequisite(s): EC 308.

EC 430. International Trade. 3 sem. hrs.
Analysis of theoretical principles underlying international trade, with application of these principles to recent developments and to current national policies.
Prerequisite(s): EC 308.

EC 431. International Finance. 3 sem. hrs.
Introduction to the field of international finance. Course deals primarily with international financial markets and the macroeconomics of international flows. Topics include foreign exchange and international securities markets and international banking.
Prerequisite(s): FI 301 or EC 309 or EC 430.

EC 442. Economic Development of Latin America. 3 sem. hrs.
A comparative analysis of economic strategies, problems, issues, and policy outcomes with special attention given to Mexico, Costa Rica, Cuba, and Brazil.
Prerequisite(s): EC 110 and EC 111.

EC 444. Political Economy of Terrorism. 3 sem. hrs.
Rational actor models applied to the study of terrorism. Empirical examination of the economic impact of terrorism and of the effectiveness of anti-terrorism policies.
Prerequisite(s): EC 308.

EC 450. History of Economic Concepts. 3 sem. hrs.
Study of the development of economic theory from Adam Smith to the present day.
Prerequisite(s): EC 308 and EC 309.

Comparative analysis of contrasting economic systems based on the type of ownership (private versus state) and on the coordinating mechanism (market versus central command). Emphasis is given to fundamental changes in economic systems that are currently under way.
Prerequisite(s): EC 110 and EC 111.

EC 470. Intro To Math Econ. 3 sem. hrs.
Application of selected mathematical methods to the analysis of economic problems.
Prerequisite(s): EC 309.

EC 471. Econometrics. 3 sem. hrs.
This course emphasizes statistical methods for analyzing data used by social scientists. Topics include simple and multiple regression analyses and the various methods of detecting and correcting data problems such as autocorrelation and heteroscedasticity.
Prerequisite(s): MATH 121 or MATH 125; and ST 260 or ST 250 and ST 251; and EC 110 and EC 111.

EC 473. Games and Decisions. 3 sem. hrs.
An introduction to game theory with emphasis on application. Game theory is a toolbox for analyzing situations where decision makers influence one another.
Prerequisite(s): MATH 121 or MATH 125 with a minimum grade of C-.

EC 480. Econ Of Environment. 3 sem. hrs.
Survey of the techniques used to estimate benefits of environmental improvements, and an analysis of public policy relating to the environment and use of natural resources.
Prerequisite(s): EC 308.

EC 482. Seminar On Econ Issues. 3 sem. hrs.
Group discussion of current economic issues together with analysis and policy recommendations. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): EC 110 and EC 111.

EC 483. Health Care Economics. 3 sem. hrs.
An investigation of the microeconomics of the American health care delivery system. The course focuses on the demand for and supply of health care services and emphasizes the efficiency and equity characteristics of the system.
Prerequisite(s): EC 308.

EC 491. Independent Study. 1-6 sem. hr.
Students may earn degree credit for only one independent study course (491).
Prerequisite(s): EC 110 and EC 111.

EC 492. Internship. 1-3 sem. hr.
Students are selected through a competitive process for assignments in approved business or public sector organizations. The internship is administered through the C&BA Office of Student Services.
Prerequisite(s): EC 110 and EC 111.

EC 497. Spec Topics In Economics. 1-3 sem. hr.
Prerequisite(s): EC 110 and EC 111.

Finance (FI) Courses

FI 101. Financial Economics. 3 sem. hrs.
A lower division course that bridges the gap between secondary school curriculum requirements for personal finance and upper division core course FI 302 Business Finance.

FI 301. Intro Financl Instit Mkt. 3 sem. hrs.
Overview of the financial systems in which business operates, with emphasis on financial institutions, instruments, and markets.
FI 302. Business Finance. 3 sem. hrs.
Study of financial objectives of business enterprise, sources of capital, and financial management of business assets. Emphasis is on establishing a framework for making financing, investing, and dividend decisions.

FI 314. Intro To Investing. 3 sem. hrs.
FI 331. Principles of Real Estate. 3 sem. hrs.
Survey of various aspects of real estate business and economics, including marketing, finance, development, law, appraisal, etc. FI 331 can be taken concurrently with FI 302.
Prerequisite(s): FI 302 or CE 366 or ME 203
Prerequisite(s) with concurrency: FI 302.

FI 334. Intro to Real Estate Property Management. 3 sem. hrs.
Provides an introduction to the principles of real property management and covers all aspects of the property management process. Students are shown how to maximize the asset value of income-producing real estate for investors/owners through the use of finance, marketing, and management techniques. FI 334 can be taken concurrently with FI 331.
Prerequisite(s): EC 110 and EC 111 and FI 331
Prerequisite(s) with concurrency: FI 331.

FI 341. Fundamentals of Risk Management & Insurance. 3 sem. hrs.
Introductory study of life insurance and "personal lines" of property insurance, especially homeowners insurance and auto insurance. Economic environment of insurance and how to read and evaluate insurance contracts. Examines different types of life insurance contracts as well as savings and investment alternatives and their uses in estate planning.
Prerequisite(s): EC 110 and EC 111.

FI 360. Personal Asset Mgt. 3 sem. hrs.
To teach students about financial assets as vehicles for saving for the future. Students will also learn how to invest in a combination of assets to meet their objectives and how their objectives may change over their life span.

FI 389. Computerized Mgt Info Systems. 3 sem. hrs.
Introduction to the components of computerized management information systems and applications of computer-based systems to business decision. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): EC 110 and EC 111; and FI 302 or CE 366 or IE 203.

FI 400. Financl Instlt Markets Investm. 3 sem. hrs.
Builds on the foundation laid in the business core to extend the student's knowledge of basic finance into the areas of operation and management of financial institutions and financial markets and investments.
Prerequisite(s): EC 110 and EC 111 and ST 260 or ST 250 and ST 251; and AC 210 and FI 302.

Development of advanced practices of financial management and their application to decision making in the business firm.
Prerequisite(s): EC 110 and EC 111 and FI 302 or IE 203 or CE 366.

FI 411. Corporate Finance Policy. 3 sem. hrs.
An integrative course designed to give the student experience in problem solving in finance. Cases will be used to permit students to apply what they know to specific business problems.
Prerequisite(s): EC 110 and EC 111 and FI 302 or IE 203 or CE 366
Prerequisite(s) with concurrency: FI 410 and FI 410.

FI 412. Money & Capital Market. 3 sem. hrs.
An overall view of the financing process and the role of financial markets. Areas covered are characteristics of instruments traded in money and capital markets; determinants of and the relationships between different asset prices; and international aspects of financial markets.
Prerequisite(s): EC 110 and EC 111 and FI 302 or IE 203 or CE 366.

FI 413. Working Capital Management. 3 sem. hrs.
FI 410 Students will develop the analytical expertise and the practical knowledge in the area of working capital management.
Prerequisite(s): FI 410.

FI 414. Investments. 3 sem. hrs.
Study of the various investment media together with analysis models of investment management. Emphasis is on investment decision making and portfolio analysis.
Prerequisite(s): EC 110 and EC 111 and FI 302 or IE 203 or CE 366.

FI 415. Adv Investment Topics. 3 sem. hrs.
Advanced models for investment management are developed and their application in decision making is discussed. Emphasis is on the use of models for portfolio selection.
Prerequisite(s): FI 414.

FI 416. Monetary Theory & Policy. 3 sem. hrs.
Analysis of the role of money in the economy and the conduct of monetary policy. Emphasis is given to the money supply process, the demand for money, and the choice of monetary-policy strategies and procedures.
Prerequisite(s): FI 301.

FI 419. Financial Derivatives. 3 sem. hrs.
Addresses managing financial risks such as adverse stock price movements, adverse interest rate changes and adverse commodity price changes with specific attention given to employing futures, options and swap contracts.
Prerequisite(s) with concurrency: FI 302 and FI 414.

FI 421. Bank Administration. 3 sem. hrs.
Survey of analytical methods in banking, including study of the powers of various government agencies. Emphasis is placed on managerial aspects of commercial banking.
Prerequisite(s): FI 301 and FI 302 or IE 203 or CE 366.

FI 423. Public Finance. 3 sem. hrs.
Study of principles of taxation, government expenditures, borrowing, and fiscal administration.
Prerequisite(s): EC 308.

FI 431. International Finance. 3 sem. hrs.
Introduction to the field of international finance. Course deals primarily with international financial markets and the macroeconomics of international financial flows. Topics include foreign exchange and international securities markets and international banking.
Prerequisite(s): FI 301 or EC 309 or EC 430.

FI 432. Real Estate Appraisal. 3 sem. hrs.
Study of the sources of real estate value and techniques for estimating property value; study of effective use of appraisal information.
Prerequisite(s): FI 302 or CE 366 or IE 203.

FI 436. Real Estate Financing. 3 sem. hrs.
Study of the institutions of real estate finance and of factors affecting the flow of funds; investment analysis and procedures involved in real estate financing.
Prerequisite(s): FI 302 or CE 366 or IE 203.

FI 442. Business Risk Mgt. 3 sem. hrs.
Analysis of risks facing business and governmental entities. Various methods of both controlling the risks and financing the risks, including both insurance and non-insurance alternatives.
Prerequisite(s): EC 110 and EC 111 and FI 341 and FI 302 or IE 203 or CE 366.

FI 443. Property Liability Insur. 3 sem. hrs.
Current financial, legal, and social problems concerning the property-liability insurance industry. Role of government in providing insurance and topics in the management of property-liability insurance companies and agencies.
Prerequisite(s): EC 110 and EC 111 and FI 341 and FI 302 or IE 203 or CE 366.

FI 444. Life & Health Insurance. 3 sem. hrs.
Detailed analysis of life insurance and health insurance with emphasis on their role in employee-benefit planning. Specific provisions of qualified retirement plans. Current problems facing the life insurance industry and analysis of the distribution system for life and health insurance. Topics in management of life and health insurance companies and agencies.
Prerequisite(s): EC 110 and EC 111 and FI 341 and FI 302 or IE 203 or CE 366.

FI 460. Advanced Financial Planning. 3 sem. hrs.
The purpose of this course is to require the student to demonstrate the ability to integrate and apply his or her knowledge of financial planning topics as received through the curricula taught in the Wealth Management Concentration. Through this course, you will apply the financial planning process to real-life situations and to communicate your planning recommendations via both a written plan and an oral presentation.
Prerequisite(s): AC 371, FI 341, FI 360 and LGS 403
Prerequisite(s) with concurrency: FI 414 and FI 444.

FI 491. Independent Study. 1-6 sem. hr.
Students may earn degree credit for only one independent study course (491). Individually directed research and reading.
Prerequisite(s): EC 110 and EC 111.

FI 492. Internship. 1-3 sem. hr.
Students are selected through a competitive process for assignments in approved business or public sector organizations. The internship is administered through the C&B Office of Student Services.
Prerequisite(s): EC 110 and EC 111.

FI 497. Spec Topics In Finance. 1-3 sem. hr.
Prerequisite(s): EC 110 and EC 111.
Management Information Systems Major

Program Director: David Hale
Academic Adviser: Heather Davis

The MIS program focuses on the innovation of business oriented information technology to open new markets and improve business operations by leveraging information systems. Students learn to combine their knowledge of core business and technology to excel in future careers roles such as business analyst, consultant or app designer. Graduates choose from opportunities in consulting, corporate, government, not-for-profit and start-up organizations.

The program culminates with a two semester industry sponsored practicum project that starts with situational analysis, then proceeds through cause and effect analysis, determining the features needed to solve the problem, and then designing, building, testing and delivering the business solution. This emphasis on experiential learning through application of classroom concepts results in graduates that are highly sought after by firms across the nation.

Continual client feedback and faculty guidance ensure project success and educational growth. Students in MIS are encouraged to broaden their business and international knowledge through a specialization in heath care management, marketing, accounting, finance, operations management or international studies/ foreign language. The MIS program and corporations sponsor over 90 scholarships solely for MIS majors. Prospective students are encouraged find out more about the MIS program by visiting cba.ua.edu/mis and calling the program office at (205) 348-6525 to set up a visit with a student ambassador or faculty member.

Admission and Retention Policies

Each prospective MIS student must submit an application verifying that all admission criteria have been met. A student is eligible for admission if he or she:

- meets the admission criteria to the upper division of the Culverhouse College of Commerce and Business Administration
- has completed at least 60 semester hours of college credit with a cumulative GPA of 2.5 or higher for all coursework attempted or a GPA of at least 3.0 for the last 30 hours attempted
- has completed CS 120 Business Programming I and MIS 295 Business Analysis Project Mgt with grades of C- or better

MIS 295 Business Analysis Project Mgt is recommended for second-semester freshmen or sophomores who are interested in majoring in MIS. MIS 200 Fundamentals Mgt Info Systems is an introductory course for non-majors and can be taken by freshmen.

MIS majors must complete all required MIS courses with a grade of C- or better. A student who enrolls in any of the required MIS courses twice and fails to earn a passing grade will not be permitted to take additional MIS courses or to receive a degree with MIS as the major from The University of Alabama. Enrollment is defined as registration for a course that results in the recording of hours attempted on the student’s record. A grade of W is counted as an enrollment. Priority for enrollment in upper-division MIS courses is given to students who are not repeating the courses.

Major Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS 320</td>
<td>Application &amp; Informmtn Architect</td>
<td>3</td>
</tr>
<tr>
<td>MIS 330</td>
<td>Database Administration</td>
<td>3</td>
</tr>
<tr>
<td>MIS 430</td>
<td>Systems Analysis &amp; Design I</td>
<td>3</td>
</tr>
<tr>
<td>MIS 431</td>
<td>Systems Analysis &amp; Design II</td>
<td>3</td>
</tr>
<tr>
<td>MIS 450</td>
<td>Systems Construct Implemtn I</td>
<td>3</td>
</tr>
<tr>
<td>MIS 451</td>
<td>Systems Construct Implemtn II</td>
<td>3</td>
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<tr>
<td>Total Hours</td>
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<td>18</td>
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</tbody>
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Operations Management Major

Faculty Advisers: Charles Sox and William Petty
Academic Adviser: Heather Davis

Operations management focuses on the effective management of the resources and activities that produce and deliver the goods and services of any business. OM professionals manage the people, materials, equipment and information resources that a business needs in order to produce and deliver its goods and services. They also design and manage the business processes and activities that actually produce those goods and services.

Business operations are a critical element of every business, so there are a wide range of opportunities for OM professionals. Manufacturing management has been — and continues to be — a significant area of opportunity. The tremendous growth of the automotive industry in the state of Alabama has produced great