Department of Economics, Finance and Legal Studies

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
- 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 and the College of Arts and Sciences. Students majoring in other fields in C&BA 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 FI 389. 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 other than Economics (but not a second major) must also complete a specialization.

**Major in Finance**

Finance majors must complete the core Computer Language requirement by taking FI 389. 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. Finance students who complete a minor other than Economics (but not a second major) must also complete a specialization.

**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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 308</td>
<td>Intermediate Microeconomics (minimum grade of C-)</td>
<td>3</td>
</tr>
<tr>
<td>EC 309</td>
<td>Intermediate Macroeconomics (minimum grade of C-)</td>
<td>3</td>
</tr>
<tr>
<td>EC 471</td>
<td>Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>EC elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>FI 301</td>
<td>Introduction to Financial Institutions and Markets</td>
<td>3</td>
</tr>
<tr>
<td>FI 389</td>
<td>Financial Analysis and Modeling</td>
<td>3</td>
</tr>
<tr>
<td>EC 413</td>
<td>Economic Forecasting &amp; Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 21

*A grade of C- or higher is required in EC 308 (p. 1) Intermediate Microeconomics and EC 309 (p. 1) Intermediate Macroeconomics.

**Mathematics Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</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>Appl 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/Applict I</td>
<td>3</td>
</tr>
<tr>
<td>MATH electives (300- or 400-level)</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

Total Hours: 22

*The following courses cannot be counted as MATH electives:
- MATH 402 | History Of Mathematics | 3 |
- MATH 405 | Geometry For Teachers | 3 |

**Major in Finance**

Finance majors must complete the core Computer Language requirement by taking FI 389. 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. Finance students who complete a minor other than Economics (but not a second major) must also complete a specialization.

**Major in Finance**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</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>Introduction to Financial Institutions and Markets</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 Markets</td>
<td>3</td>
</tr>
<tr>
<td>FI 414</td>
<td>Investments</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 18

**Dual Major in Finance and Mathematics**

The dual 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 or Arts and Sciences. Students are not required to select a mathematics track when pursuing this dual major.

**Finance Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</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 413</td>
<td>Economic Forecasting &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FI 301</td>
<td>Introduction to Financial Institutions and Markets</td>
<td>3</td>
</tr>
<tr>
<td>FI 410</td>
<td>Intermediate Financial Mgt</td>
<td>3</td>
</tr>
<tr>
<td>FI 389</td>
<td>Financial Analysis and Modeling</td>
<td>3</td>
</tr>
<tr>
<td>FI 412</td>
<td>Money &amp; Capital Markets</td>
<td>3</td>
</tr>
</tbody>
</table>
**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. Students completing this curriculum earn two majors, not two degrees.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 430</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 431</td>
<td>Macroeconomics &amp; Monetary Policy</td>
<td>3</td>
</tr>
<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>Applied 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>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours: 22

* The following courses cannot be counted as MATH electives:
  - MATH 402 History Of Mathematics
  - MATH 405 Geometry For Teachers

**Specializations in Economics**

**Applied Microeconomics**

Students must major in economics.

Choose three of the following:
- 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**

Students must major in Economics.

- EC 413 Economic Forecasting & Analysis
- EC 470 Introduction to Mathematical Economics
- EC 471 Econometrics
- EC 497 Special Topics In Finance (1 hour of P exam prep, 3 hours of FM exam prep)

Total Hours: 9

**Economics**

For non-Economics majors

- EC 308 Intermediate Microeconomics
- EC 309 Intermediate Macroeconomics
- Two 300- or 400-level EC electives

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
- EC 431 International Finance

Total Hours: 9

**Macroeconomics & Monetary Policy**

Students must major in Economics.

- EC 413 Economic Forecasting & Analysis
- EC 416 Monetary Theory & Policy
- EC 431 International Finance

Total Hours: 9

**Public Policy & Law**

Students must major in Economics.

Choose three of the following:
- 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**

Students must major in Economics.

- MATH 125 Calculus I
- MATH 126 and Calculus II
- MATH 227 and Calculus III
- MATH 237 and Introduction to Linear Algebra
- EC 413 Economic Forecasting & Analysis
- EC 470 Introduction to Mathematical Economics
- EC 471 Econometrics
- ST 454 or Mathematical Statistics I
- MATH 355 Theory Of Probability
- ST 455 or Mathematical Statistics II
- MATH 451 Math Stats W/Applictn I

Total Hours: 30

**Specializations in Finance**

**Actuarial Science**

Not open to General Business majors.

- MATH 125 Calculus I
- MATH 126 and Calculus II
- MATH 227 and Calculus III
- EC 413 Economic Forecasting & Analysis
- FI 341 Fundamentals of Risk Management & Insurance
- FI 389 Financial Analysis and Modeling
- FI 419 Financial Derivatives
- ST 450 or Mathematical Statistics I
- MATH 355 Theory Of Probability
- ST 454 or Mathematical Statistics II
- MATH 451 Math Stats W/Applictn I
- FI 497 Special Topics in Finance (1 hour of P exam prep, 3 hours of FM exam prep)

Total Hours: 4

**Banking & Financial Services**

Students must major in Finance.

- AC 351 or Managerial Acctg Decisions
- AC 352 Corporate Financil Report
- FI 341 Fundamentals of Risk Management & Insurance
- FI 421 Bank Administration

Total Hours: 9
### Finance
For non-Finance majors

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 308</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FI 301</td>
<td>Introduction to Financial Institutions and Markets</td>
<td>3</td>
</tr>
<tr>
<td>Choose two of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FI 410</td>
<td>Intermediate Financial Mgt</td>
<td>1</td>
</tr>
<tr>
<td>FI 412</td>
<td>Money &amp; Capital Markets</td>
<td>1</td>
</tr>
<tr>
<td>FI 414</td>
<td>Investments</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Hours: 12

### Financial Management
Students must major in Finance.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 310</td>
<td>Financial Reporting &amp; Analysis of Business Activities I</td>
<td>3</td>
</tr>
<tr>
<td>AC 311</td>
<td>Financial Reporting &amp; Analysis of Business Activities II</td>
<td>3</td>
</tr>
<tr>
<td>AC 361</td>
<td>Cost Analysis Plang &amp; Control</td>
<td>3</td>
</tr>
<tr>
<td>AC 389</td>
<td>Acct Info Syst Dev Openm Cntr</td>
<td>3</td>
</tr>
<tr>
<td>FI 411</td>
<td>Corporate Financial Policy (may be substituted for FI 412 in the Finance major)</td>
<td>3</td>
</tr>
<tr>
<td>FI 419</td>
<td>Financial Derivatives (may be substituted for EC 309 in the Finance major)</td>
<td>3</td>
</tr>
</tbody>
</table>

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>
</tr>
<tr>
<td>Choose three of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FI 360</td>
<td>Personal Asset Management</td>
<td>1</td>
</tr>
<tr>
<td>FI 442</td>
<td>Business Risk Management</td>
<td>1</td>
</tr>
<tr>
<td>FI 443</td>
<td>Property Liability Insurance</td>
<td>1</td>
</tr>
<tr>
<td>FI 444</td>
<td>Life &amp; Health Insurance</td>
<td>1</td>
</tr>
<tr>
<td>LGS 403</td>
<td>Estates &amp; Trusts</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Hours: 12

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>EC 430</td>
<td>International Trade</td>
<td>3</td>
</tr>
<tr>
<td>FI 431</td>
<td>International Finance</td>
<td>3</td>
</tr>
<tr>
<td>EC 442</td>
<td>Economic Development of Latin America</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 9

### Investment Management
Students must major in Finance.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 352</td>
<td>Corporate Financl Report</td>
<td>3</td>
</tr>
<tr>
<td>FI 415</td>
<td>Advanced Investment Topics</td>
<td>3</td>
</tr>
<tr>
<td>FI 419</td>
<td>Financial Derivatives</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 9

### Personal Wealth Management

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<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 Management</td>
<td>3</td>
</tr>
<tr>
<td>FI 444</td>
<td>Life &amp; Health Insurance</td>
<td>3</td>
</tr>
<tr>
<td>FI 460</td>
<td>Advanced Financial Planning</td>
<td>3</td>
</tr>
<tr>
<td>LGS 403</td>
<td>Estates &amp; Trusts</td>
<td>3</td>
</tr>
</tbody>
</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>
</thead>
<tbody>
<tr>
<td>MATH 125</td>
<td>Calculus I</td>
<td>15</td>
</tr>
<tr>
<td>MATH 126</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 227</td>
<td>Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MATH 237</td>
<td>Introduction to Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>EC 413</td>
<td>Economic Forecasting &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>
</tbody>
</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>
<tr>
<td>FI 436</td>
<td>Real Estate Financing</td>
<td>3</td>
</tr>
<tr>
<td>Choose two of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CE 463</td>
<td>Construction Cost Estimating</td>
<td>1</td>
</tr>
<tr>
<td>FI 334</td>
<td>Introduction to Real Estate Property Management</td>
<td>1</td>
</tr>
<tr>
<td>FI 432</td>
<td>Real Estate Appraisal</td>
<td>1</td>
</tr>
<tr>
<td>LGS 407</td>
<td>Real &amp; Personal Property</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Hours: 12

### Faculty

**Department Head**
Holt, Matthew T.

**Professors**
Argawal, Anup
Brooks, Robert
Cook, Douglas O.
Cover, James P.
Elder, Harold W.
Enders, Walter
Hoover, Gary A.
Lee, Junsoo
Mcleod, Robert W.
Pecorino, Paul
Rabel, William H.
Schlesinger, Harris

**Associate Professor**
Downs, Thomas
Henderson, Daniel J.
Jindapon, Pan
Ma, Jun
Reed, Robert R.
Underwood, Shane E.

**Assistant Professor**
Brummond, Peter
Chen, Susan E.
Cicero, David
Cordero-Salas, Paula
Givens, Gregory E.
Mobbs, H. Shawn
Pflum, Kevin
Van Essen, Matthew
Wang, Le
Wang, Yan Albert

**Instructors**
Adams, Charlye
Clements III, J. Sherwood
El-Karakosy, Hoda
Hall, Ruth Ann
Javine, Victoria
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 126 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 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 Management Information 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 EC 302 or IE 203 or CE 366.

EC 400. Analysis of Economic Conditions at the Micro & Macro Levels. 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 Forecasting & 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 422. Urban Economics. 3 sem. hrs.
Analysis of the economics of community growth and the application of economic principles in solving problems and exploiting opportunities generated by the process of urban development.
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 financial 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 460. Labor Economics. 3 sem. hrs.
This course provides an overview of labor economics. Topics covered include labor supply, labor demand, human capital, minimum wages, immigration, and discrimination.
Prerequisite(s): EC 308.

EC 470. Introduction to Mathematical Economics. 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 or MATH 145; 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. Economics of the Environment and Natural Resources. 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 Economic 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. Special Topics in Economics. 1-3 sem. hr.
Prerequisite(s): EC 110 and EC 111.

Finance (FI) Courses

FI 301. Introduction to Financial Institutions and Markets. 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. Introduction to Investing. 3 sem. hrs.
Survey of various aspects of real estate business and economics, including marketing, finance, development, law, appraising, 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. Introduction 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 Management. 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.

Introduction to the components of computerized management information systems and applications of computer-based systems to business decisions. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): EC 110 and EC 111 and FI 302 or IE 203 or CE 366.

FI 400. Financial Institutions, Markets, and Investment. 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 Financial 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): FI 410 and EC 110 and EC 111 and FI 302 or IE 203 or CE 366; and FI 410
Prerequisite(s) with concurrency: FI 410 and FI 410.

FI 412. Money & Capital Markets. 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 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. Advanced 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 417. Principles of Value Investing. 3 sem. hrs.
Study of the core principles of value investing as developed in the classic writings of Benjamin Graham and David Dodd.
Prerequisite(s): FI 302.

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 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 Management. 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 Insurance. 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). Individual 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 CBA Office of Student Services.
Prerequisite(s): EC 110 and EC 111.

FI 497. Special Topics In Finance. 1-3 sem. hr.
Topics may vary
Prerequisite(s): EC 110 and EC 111.

Legal Studies (LGS) Courses

LGS 200. Legal Environment of Business. 3 sem. hrs.
Environmental approach to the study of law, including the way the law interrelates, philosophy of law, and sources of law. The relationship among law, business, political influences, and the society is treated.

LGS 402. Government & Business. 3 sem. hrs.
This course is designed to give students some information about the regulations which government may or may not impose upon business, leaving students free to form their own conclusions as to their wisdom, adequacy, and practicability. Survey of basic constitutional principles and legal aspects of recent federal legislation affecting business and antitrust laws.
Prerequisite(s): LGS 200 and EC 111.

LGS 403. Estates & Trusts. 3 sem. hrs.
This course treats principles and rules of law relating to wills and inheritances; how the estates of deceased persons are administered; why and how trusts are created and operated; and the duties and settlement of executors, administrators, and trustees.
Prerequisite(s): LGS 200.

LGS 407. Real & Personal Property. 3 sem. hrs.
This course is concerned with the conveyance of property, deeds, covenants, condemnation of property, rights of landlord and tenant, and bailments.
Prerequisite(s): LGS 200.

LGS 472. Legal Aspects of Health Care. 3 sem. hrs.
Examines aspects of the law that are of most concern to individuals in health care management, including administrative law, hospital law, welfare law, public health law, and licensing and legislation.
Prerequisite(s): LGS 200 and HCM 370.