Economics

Degree Offered

- Bachelor of Science

Economics Program Objectives

In the broadest sense, economics is the science of decision-making. In economics, students learn how to identify the costs, benefits, and consequences of a decision. Government economists assess economic conditions in the U.S. and abroad and estimate the economic impact of specific changes in legislation or public policy. Economists in private industry work largely for marketing research firms, management consulting firms, banks, investment firms, and insurance companies. A degree in economics is also highly desirable for students who plan to attend graduate school or law school. The College of Business and Economics has an excellent record of placing economics students in both.

The Department of Economics has developed several areas of strength including market-based solutions to social and economic problems and, though its long relationship with the University’s well-known Regional Research Institute, a focus on spatial econometric and regional analysis. Cooperation with the finance department faculty allows the department to leverage its strength in financial economics.

Economics is an excellent major for anybody interested in a career in:

- Banking
- Business
- Domestic government service
- Foreign service
- Law
- Politics

Faculty

Department Chairperson

- Clifford B. Hawley - Ph.D. (Duke University)

Professors

- Roger Congleton - Ph.D. (Virginia Polytechnic Institute and State University)  
  Public Economics, Public Choice.
- Clifford B. Hawley - Ph.D. (Duke University)  
  Labor economics, Microeconomic theory, Econometrics.
- William S. Reece - Ph.D. (Washington University)  
  Public economics, Econometrics.

Associate Professors

- Arabinda Basistha - Ph.D. (University of Washington)  
  Open economy macroeconomics, Monetary.
- Brian J. Cushing - Ph.D. (University of Maryland)  
  Urban/regional economics, Poverty, Econometrics, Public finance.
- Stratford M. Douglas - Ph.D. (University of North Carolina)  
  Econometrics, Industrial organization.
- Donald Lacombe - Ph.D. (Florida State University)  
  Spatial econometrics, Industrial organization, Public finance and public choice.
- William N. Trumbull - Ph.D. (University of North Carolina)  
  Public finance, Law and economics, Economics of crime, Applied microeconomics.
- Andrew Young - Ph.D. (Emory University)  
  Macroeconomics, Economic Development.

Assistant Professors

- Shuichiro Nishioka - Ph.D. (University of Colorado)  
  International trade, Econometrics.
- Adam Nowak - Ph.D. (Arizona State University)
Econometrics, Financial Economics.

• Amanda Ross - Ph.D. (Syracuse University)
  urban economics, Microeconomic theory.

• Royce J. Watts
  Statistics.

• Feng Yao - Ph.D. (Oregon State University)
  Theoretical and applied econometrics, Industrial organization.

• Dongwoo Yoo - Ph.D. (Ohio State University)
  Economic development, Economic history.

Emeriti

• Ming-Jeng Hwang - Ph.D. (Texas A&M University)
  Emeritus

• Robert D. Britt
  Emeritus.

• Kern Kymn
  Emeritus.

• Patrick C. Mann - Ph.D. (Indiana University)
  Emeritus.

• Tom S. Witt - Ph.D.

Admission

Students must formally apply for admission to the economics program at the beginning of the first semester sophomore year or at the beginning of the semester in which they will meet the program course prerequisites. Applicants must possess an overall GPA of at least 2.5 to be considered for admission. Qualified applicants are admitted into the economics program in order of descending GPA, calculated using all (transferable) baccalaureate coursework attempted at regionally accredited institutions. The College will accommodate as many economics majors as resources are available. Students who are denied admission to the economics program because of GPA may elect to apply to the program in a future semester or accept admission to an alternative bachelor’s program within the College.

General Education Curriculum

Please use this link to view a list of courses that meet each GEC requirement. (http://registrar.wvu.edu/current_students/general_education_curriculum)

NOTE: Some major requirements will fulfill specific GEC requirements. Please see the curriculum requirements listed below for details on which GEC’s you will need to select.

**General Education Curriculum**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 &amp; ENGL 102 or ENGL 103</td>
<td>Composition And Rhetoric and Composition And Rhetoric or Accelerated Academic Writing</td>
<td>3-6</td>
</tr>
<tr>
<td>GEC 2A - Mathematics</td>
<td></td>
<td>3-4</td>
</tr>
<tr>
<td>GEC 2B - Natural and Physical Science</td>
<td></td>
<td>7-8</td>
</tr>
<tr>
<td>GEC 2C - Additional GEC 2A, B or C</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 3 - The Past and Its Traditions</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 4 - Issues of Contemporary Society</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 5 - Artistic Expression</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 6 - The Individual in Society</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 6F - First Year Seminar</td>
<td></td>
<td>1-3</td>
</tr>
<tr>
<td>GEC 7 - American Culture</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 8 - Western Culture</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEC 9 - Non-Western Culture</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 38-45
Degree Requirements

To qualify for the Bachelor of Science in Economics students must meet the following criteria:

• Complete a minimum of 128 credit hours.
• Have an overall GPA of 2.5 or higher.
• Have a minimum GPA of 2.5 for all Major Courses (i.e. BCOR, ACCT, etc.).
• Upper-division business and economics course work must be completed in residence at WVU. Exceptions to this requirement must be approved by the dean or designee.

Curriculum Requirements

Most economics electives should not be attempted until ECON 301 has been completed with a minimum grade of C. Students interested in graduate work in economics should take ECON 425. Of the twenty-one semester hours of required business electives and business and economics electives completed by an Economics major, no more than twelve semester hours may consist of economics courses.

A minimum GPA of 2.5 is required in all ECON courses

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 &amp; ENGL 102</td>
<td>6</td>
</tr>
<tr>
<td>Composition And Rhetoric</td>
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</tr>
<tr>
<td>ENGL 103</td>
<td></td>
</tr>
<tr>
<td>Accelerated Academic Writing</td>
<td></td>
</tr>
<tr>
<td>CS 101</td>
<td>4</td>
</tr>
<tr>
<td>Intro-Computer Applications</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 126A &amp; MATH 150</td>
<td>6-8</td>
</tr>
<tr>
<td>College Algebra 5-Day</td>
<td></td>
</tr>
<tr>
<td>MATH 126B &amp; MATH 150</td>
<td></td>
</tr>
<tr>
<td>College Algebra 4-Day</td>
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</tr>
<tr>
<td>MATH 129 &amp; MATH 155</td>
<td></td>
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<tr>
<td>Pre-Calculus Mathematics</td>
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<tr>
<td>MATH 153 &amp; MATH 154</td>
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<tr>
<td>Calculus 1a with Precalculus</td>
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<tr>
<td>MATH 155 &amp; MATH 156</td>
<td></td>
</tr>
<tr>
<td>Calculus 1b with Precalculus</td>
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<tr>
<td>GEC Objective 2B</td>
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<tr>
<td>ECON 201</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 202</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>GEC Objectives (select one each from objectives 3, 5, 6, 7, and 9)</td>
<td>15</td>
</tr>
<tr>
<td>ACCT 201</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td></td>
</tr>
<tr>
<td>ACCT 202</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td></td>
</tr>
<tr>
<td>BCOR 199</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 225</td>
<td>3</td>
</tr>
<tr>
<td>Elemntry Business/Economcs Stat</td>
<td></td>
</tr>
<tr>
<td>STAT 211</td>
<td>3</td>
</tr>
<tr>
<td>Elemntry Statistical Inference</td>
<td></td>
</tr>
<tr>
<td>ECON 301</td>
<td>3</td>
</tr>
<tr>
<td>Intermed Micro-Economic Theory</td>
<td></td>
</tr>
<tr>
<td>ECON 302</td>
<td>3</td>
</tr>
<tr>
<td>Intermed Macro-Economic Theory</td>
<td></td>
</tr>
<tr>
<td>ECON 481</td>
<td>3</td>
</tr>
<tr>
<td>American Economic History</td>
<td></td>
</tr>
</tbody>
</table>

Economics Electives 15

Business Electives 9
Business & Economics Electives 12
Unrestricted Electives 27

Total Hours 128-130

* A minimum grade of one B and one C in ECON 201 and ECON 202 are required.
** A minimum grade of B in MATH 150 or a minimum grade of C in MATH 154 or a higher level of college calculus is required.
### Suggested Plan of Study

#### First Year

**Fall**
- BCOR 199
- CS 101
- Select one of the following:
  - MATH 126A
  - MATH 126B
  - MATH 129
  - MATH 153
- GEC Objective 2B, 3, 5, 6, 7, 9
- GEC Objective 2B, 3, 5, 6, 7, 9

**Hours Spring**
- 3 ACCT 201
- 4 ECON 201
- 3-4 ENGL 101
- Select one of the following:
  - MATH 150
  - MATH 154
  - MATH 155
- 3 MATH 156
- 3 GEC Objective 2B

**Total Hours:** 16-17

#### Second Year

**Fall**
- ACCT 202
- ECON 202
- ECON 225
- ENGL 102
- GEC Objective 2B, 3, 5, 6, 7 or 9
- Unrestricted electives

**Hours Spring**
- 3 BCOR 299
- 3 ECON 301
- 3 B&E Elective 1
- 3 Business Elective 1
- 3 GEC Objective 2B, 3, 5, 6, 7, 9
- 1 Unrestricted electives

**Total Hours:** 16

#### Third Year

**Fall**
- ECON 302
- ECON Elective 1
- B&E Elective 2
- GEC Objective 2B, 3, 5, 6, 7, 9
- Unrestricted electives

**Hours Spring**
- 3 B&E Elective
- 3 ECON Elective 2
- 3 ECON Elective 3
- 3 Business Elective 2
- 4 GEC Objective 2B, 3, 5, 6, 7, 9
- 1 Unrestricted electives

**Total Hours:** 16

#### Fourth Year

**Fall**
- B&E Elective 4
- ECON Elective 4
- Business Elective 3
- Unrestricted electives

**Hours Spring**
- 3 ECON 481
- 3 ECON Elective 5
- 3 B&E Elective 4
- 7 Unrestricted electives

**Total Hours:** 16

**Total credit hours: 128-130**