ECONOMICS, B.S.

The Bachelor of Science (B.S.) in Economics builds on the analytical business foundation required of all Bryan School of Business and Economics students and develops the student’s ability to apply economic reasoning and analysis to business and public policy issues. Curriculum under the B.S. degree provides the opportunity to develop synergies with other areas of study within the Bryan School. The B.S. degree requires completion of the Bryan School Pre-Admission Courses and the Bryan Business Core curriculum.

Undergraduate Student Learning Goals
Critical thinking, quantitative analysis, communication skills, and economic reasoning are highly valued in the competitive global economy. In order to prepare our students for their careers and possible future graduate work, our B.A. and B.S. graduates will be able to:

• Identify economic issues
• Analyze economic issues
• Propose policies to address economic issues
• Communicate effectively about economic issues

The Economics, B.S. major is available in a traditional as well as an online format.

Overall Requirements
• 120 credit hours, to include at least 36 credits at or above the 300 course level.
• A cumulative GPA of at least 2.0
• Grades of C (2.0) or better in each ECO course used to meet major requirements, including ECO courses in the Bryan Pre-Admission Courses and Common Business Core.
• At least 50 percent of the business semester hours required for the degree must be earned at UNC Greensboro.
• The Economics, B.S. major is available in a traditional as well as an online format.

Degree Program Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</table>

University Requirements (https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/undergraduate-degrees-and-degree-requirements/)

General Education Requirements - Minerva’s Academic Curriculum (MAC) (https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/general-education-program/)

Bryan School Common Business Core

<table>
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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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</table>

Required

Bryan School Pre-Admission Courses

Students should plan to complete the pre-admission courses by the end of the sophomore year, or as soon as possible thereafter.

Courses used to meet Bryan School Pre-Admission and Bryan School Common Business Core requirements cannot be used to fulfill major or concentration requirements in the following majors: ACCT, BADM, ECOS, ENTR, FINC, INTB, ISSC, HTMT, or MKTG.

See the Joseph M. Bryan School of Business and Economics for more information.

| Code | Title | Credit Hours |

Required

BUS 115 Blueprint for Personal Development & BUS 215 Blueprint for Professional Development or BUS 216 Blueprint for Personal and Professional Development

ACC 201 Financial Accounting

ACC 202 Managerial Accounting

ECO 201 Principles of Microeconomics

ECO 202 Principles of Macroeconomics

ECO 250 Economic and Business Statistics I

ISM 110 Foundations for Analytics using Spreadsheets

ISM 280 Information Systems for Decision Making

Select one of the following:

ENG 101 Exploring Writing in College Contexts

FMS 115 Freshman Seminar in Reasoning and Discourse: Written Communication

RCO 101 College Writing I

Completion of one of the following:

MAT 115 College Algebra

MAT 118 Algebra with Business Applications

MAT 120 Calculus with Business Applications

MAT 150 Precalculus I

MAT 151 Precalculus II

MAT 190 Precalculus

MAT 183 Mathematics for the Life Sciences

MAT 184 Calculus for the Life Sciences

MAT 191 Calculus I

MAT 292 Calculus II

MAT 293 Calculus III

MAT 196 Calculus A

MAT 296 Calculus B
**SCM 302** Operations Management

**Global Sustainability Elective - One chosen from the list below:**

**ECO 100** Economics of a Global Sustainable Society

**BUS 130** Entrepreneurship in a Sustainable Global Environment

**LLC 120** Global Crossings: Topics in Images, Media, and Texts

**LLC 130** Global Green: Cultures of Production and/or Consumption

**HTM 200** Introduction to Sustainable Development

* Hospitality and Tourism Management majors are exempt from the MGT 491 requirement; a similar course, HTM 491, is taken within the major requirements.

**Or other approved Global Sustainability elective.**

### Economics Courses (15 credit hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required</strong></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>ECO 301</td>
<td>Intermediate Microeconomic Theory</td>
<td></td>
</tr>
<tr>
<td>ECO 302</td>
<td>Intermediate Macroeconomic Theory</td>
<td></td>
</tr>
<tr>
<td>ECO 350</td>
<td>Economic and Business Statistics II or STA 301</td>
<td></td>
</tr>
<tr>
<td>ECO 498</td>
<td>Seminar in Economics</td>
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</tbody>
</table>

Select 3 credits of Economics Electives Courses at the 300 level

### Electives

Electives sufficient to complete 120 total credit hours required for degree.

### Advising

A Plan of Study for the Economics B.S. degree should be developed in consultation with a Bryan Undergraduate Student Services Advisor (https://bryan.uncg.edu/current-students/advising). It is strongly encouraged for students to meet with an advisor at least once per academic term. Economics faculty are also available to discuss ECO course sequencing, elective decisions, preparation for economics graduate programs, or career discussions. Students may contact the Department of Economics by telephone at 336-256-1010 or email economics@uncg.edu to make arrangements to speak with a department faculty member.

The Economics major requires the application of Calculus in upper-level economics courses (e.g. ECO 301). Students should plan to complete a minimum level of MAT 120 or MAT 191 course work by the end of their junior year in order to meet the prerequisites of the program's core curriculum. For this reason, it is highly recommended to begin mathematics courses early in your academic career and to continue to build on this quantitative skill set. Introductory-level economics courses may be taken as early as the first semester.

### Program Required Economics Course Work

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ECO 202</td>
<td>Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>ECO 250</td>
<td>Economic and Business Statistics I (prereq MAT 115 or higher)</td>
<td></td>
</tr>
<tr>
<td>ECO 300</td>
<td>The International Economy</td>
<td></td>
</tr>
<tr>
<td>ECO 301</td>
<td>Intermediate Microeconomic Theory (prereq ECO 201; MAT 120 or MAT 191)</td>
<td></td>
</tr>
<tr>
<td>ECO 302</td>
<td>Intermediate Macroeconomic Theory (prereq ECO 202)</td>
<td></td>
</tr>
<tr>
<td>ECO 350</td>
<td>Economic and Business Statistics II or STA 301</td>
<td></td>
</tr>
<tr>
<td>ECO 498</td>
<td>Seminar in Economics</td>
<td></td>
</tr>
</tbody>
</table>

Select an additional 3 credits of Economics electives at the 300 level

### Graduate Program Preparation

Students planning to extend their studies to a graduate program (such as the Masters in Applied Economics offered at UNC Greensboro) should select economics elective course work to better prepare for graduate studies: ECO 319 and ECO 355 Econometrics. Additional upper-level mathematics courses can be highly beneficial when preparing for graduate studies in economics.

### Disciplinary Honors in Economics

**Requirements**

- A minimum of 15 credit hours as defined below.
- UNC Greensboro cumulative GPA of 3.30 or better or, for transfer students, cumulative GPA of 3.30 or better from all prior institutions.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>Required</strong></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>HSS 490</td>
<td>Senior Honors Project</td>
<td></td>
</tr>
</tbody>
</table>

Select 6 credits of honors course work in the major

Select 3 credits of honors course work in the major or another area

### Recognition

Receive a Certificate of Disciplinary Honors in Economics; have that accomplishment, along with the title of the Senior Honors Project, noted on the official transcript; and be recognized at a banquet held at the end of the spring semester.

### Honors Advisor

For more information on Disciplinary Honors in Economics, students are encouraged to contact the department honors liaison, Jeremy Bray at jwbray@uncg.edu

To apply: http://honorscollege.uncg.edu/forms/disc-application.pdf

Note: Graduate course work completed for the Accelerated Master’s Program and counted towards undergraduate degree requirements may also be counted towards Disciplinary Honors requirements.
Application and Admission

Qualified UNC Greensboro undergraduate students may apply for admission to the Accelerated Master’s Program (AMP) and the M.A. in Applied Economics program. A cumulative undergraduate GPA of at least 3.5 based on at least 30 credits earned at UNC Greensboro is required.

Applicants must have completed at least 60 credits and may not apply for admission to the AMP before the first semester of the junior year. All applicants must submit the Accelerated Bachelor’s to Graduate Degree Program Petition to the Graduate School and must simultaneously apply for admission to the M.A. in Applied Economics (form is located within the online application to the M.A. in Applied Economics program).

Courses

Admitted students may apply 12 credits of graduate-level course work toward completion of both the undergraduate and graduate degree, provided that they earn a grade of B (3.0) or better in the course and fulfill graduate-level requirements. The graduate courses the student will take within the Accelerated Master’s Program must be approved by the Graduate Program Director, must be specified on the Graduate Degree Program Petition, and must be chosen from among the following required courses in the M.A. in Applied Economics curriculum:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Select four courses (12 credits) from the following:</td>
<td>12</td>
</tr>
<tr>
<td>ECO 625</td>
<td>Data Methods in Economics</td>
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</tr>
<tr>
<td>ECO 630</td>
<td>Introduction to Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>ECO 631</td>
<td>Applied Policy Methods</td>
<td></td>
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<tr>
<td>ECO 637</td>
<td>Empirical Health Economics</td>
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<tr>
<td>ECO 657</td>
<td>Managerial Economics</td>
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<tr>
<td>ECO 664</td>
<td>Time Series and Forecasting</td>
<td></td>
</tr>
<tr>
<td>ISM 645</td>
<td>Principles of Predictive Analytics</td>
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</tr>
</tbody>
</table>

Graduate courses counted for the Accelerated Master’s Program should be selected in consultation with the Graduate Program Director. Please consult with an undergraduate adviser to determine how the courses taken at the graduate level will meet requirements in the bachelor’s degree program. All degree requirements for the M.A. in Applied Economics remain the same.