

# 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

Code	Title	Credit Hours
	University Requirements ( <a href="https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/undergraduate-degrees-and-degree-requirements/">https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/undergraduate-degrees-and-degree-requirements/</a> )	
	General Education Requirements - Minerva's Academic Curriculum (MAC) ( <a href="https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/general-education-program/">https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/general-education-program/</a> )	

## Major Requirements

### 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
<b>Required</b>		<b>29-30</b>
BUS 115 & BUS 215 or BUS 216	Blueprint for Personal Development and Blueprint for 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	
<i>Select one of the following:</i>		
ENG 101	Exploring Writing in College Contexts	
ENG 102	Academic Research and Writing	
FMS 115	Freshman Seminar in Reasoning and Discourse: Written Communication	
<i>Completion of one of the following:</i>		
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	

## Bryan School Common Business Core

Code	Title	Credit Hours
<b>Required</b>		<b>38</b>
BUS 315	Global and Cultural Development	
BUS 415	Leadership Development	
CST 105	Introduction to Communication Studies	
ECO 300	The International Economy	
FIN 315	Business Finance I	
MGT 301	Introduction to International Business	
MGT 312	Organizational Behavior	
MGT 330	The Legal Environment of Business	
MGT 491	Business Policy and Strategy	
MKT 309	Principles of Innovation	
MKT 320	Principles of Marketing	
PHI 261 or PHI 262	Ethical Issues in Business Ethical Issues in Entrepreneurship	

or PHI 263	Business Ethics with East Asian Philosophy
SCM 302	Operations Management
<i>Global Sustainability Elective - One chosen from the list below: *</i>	
ECO 100	Economics of a Global Sustainable Society
ENT 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

\* Or other approved Global Sustainability elective.

## Economics Courses (15 credit hours)

Code	Title	Credit Hours
<b>Required</b>		<b>15</b>
ECO 301	Intermediate Microeconomic Theory	
ECO 302	Intermediate Macroeconomic Theory	
ECO 350	Economic and Business Statistics II	
or STA 301	Statistical Methods	
ECO 498	Seminar in Economics	
<i>Select 3 credits of Economics Electives Courses at the 300 level</i>		

## 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. 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](mailto: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

Code	Title	Credit Hours
ECO 201	Principles of Microeconomics	
ECO 202	Principles of Macroeconomics	

ECO 250	Economic and Business Statistics I (prereq MAT 115 or higher)
ECO 300	The International Economy
ECO 301	Intermediate Microeconomic Theory (prereq ECO 201; MAT 120 or MAT 191)
ECO 302	Intermediate Macroeconomic Theory (prereq ECO 202)
ECO 350	Economic and Business Statistics II
or STA 301	Statistical Methods
ECO 498	Seminar in Economics (capstone course, prereq: ECO 301; ECO 302; ECO 350 OR STA 301 )

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.

Code	Title	Credit Hours
<b>Required</b>		<b>3</b>
HSS 490	Senior Honors Project	
<b>Select 6 credits of honors course work in the major</b>		<b>6</b>
<b>Select 3 credits of honors course work in the major or another area</b>		<b>3</b>

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.

### 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](mailto:jwbray@uncg.edu).**

To apply: <https://honorscollege.uncg.edu/lloyd-international-honors-college/academics/admissions-scholarships/disciplinary-honors-admissions/>.

## 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:

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

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.