

BACHELOR OF SCIENCE IN ECONOMICS

The economics major provides in depth exposure to the fundamental economic way of thinking and approaching a multitude of complex problems. Students will be exposed to micro and macro-economic theory, data science and analysis (econometrics), and relevant field courses throughout the program of study. Field courses cover a variety of topics such as Health Economics, Economics of Trade, Development Economics, and Environmental Economics.

The courses included in the major allow students to diversify their analytical skill sets with practice in computation and data analysis, fundamental economic theory, and empirical methods. The economics minor provides excellent concrete data science skills directly applicable for pursuing careers in multiple sectors.

Code	Title	Credit Hours
Wellness Requirement		
APPH 1040	Scientific Foundations of Health	2
	or APPH 10 The Science of Physical Activity and Health	
	or APPH 10 Flourishing: Strategies for Well-being and Resilience	
Core IMPACTS		
Institutional Priority		
CS 1315	Introduction to Media Computation	3
	or CS 1301 Introduction to Computing	
Mathematics and Quantitative Skills		
MATH 1712	Survey of Calculus	4
	or MATH 1552 Integral Calculus	
Political Science and U.S. History		
HIST 2111	The United States to 1877	3
	or HIST 2117 The United States since 1877	
	or INTA 1200 American Government in Comparative Perspective	
	or POL 1101 Government of the United States	
	or PUBP 3000 American Constitutional Issues	
Arts, Humanities, and Ethics		
Any HUM		6
Communicating in Writing		
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
Technology, Mathematics, and Sciences		
Lab Science		4
Lab Science		4
MATH 1711	Finite Mathematics	4
	or MATH 1511 Differential Calculus & MATH 1512 Introduction to Linear Algebra	
Social Sciences		
Any SS		9
Field of Study		
ECON 2105	Principles of Macroeconomics ³	3
ECON 2106	Principles of Microeconomics ³	3
ECON 2250	Statistics for Economists	3
STEM, Business or Policy Courses ¹		9

Major Requirements		
ECON 3110	Advanced Microeconomic Analysis ²	3
ECON 3120	Advanced Macroeconomic Analysis ²	3
ECON 3161	Econometric Analysis ²	3
ECON 4010	Career Development Workshop	1
ECON Electives		
Any ECON ^{2,3}		24
Free Electives		
Free Electives ⁴		25
Total Credit Hours		122

Pass-fail only allowed for Free Electives.

Students must complete 39 hours of upper level (3000-/4000-level) courses. This requirement may be satisfied with a combination of major requirements, ECON electives, Non-Major Cluster courses and/or free electives.

- ¹ Courses must be selected from the Colleges of Business, Engineering, Computing or Sciences or the Schools of Math, International Affairs, Public Policy, or History and Sociology. Please consult with advisor. MATH 2551 strongly advised.
- ² Minimum grade of C required.
- ³ In satisfying Econ electives, no more than 9 hours can come from independent research work courses in the following set: ECON 2698, ECON 2699, ECON 4698, ECON 4699, ECON 4901, or ECON 4910.
- ⁴ Courses may be applied toward completion of a minor.

International Plan

All degree programs offered by the School of Economics including the BS degree in Economics offer an International Plan (IP) Designation. In general the IP designation can be obtained by completing courses in three specified area:

1. Students are required to complete a general course in Global Economics.
2. Students are also required to complete a region specific course. Any number of International Affairs course can be used to fulfill this requirement
3. Student are also required to complete a capstone course rounding out the international experience. The IP designation also requires students to become proficient in a language as well as spending at least twenty-six weeks in a foreign culture enrolled in school and/or participating in an internship experience.

Research Option

The School of Economics also participates in the Research Option plan offered by the Undergraduate Research Opportunities Program (UROP). The Research Option offers students the opportunity for in-depth research experience working under the guidance of a faculty mentor. Requirements for participation in the Research Option include completing nine hours of undergraduate research, at least six of which are on the same topic, writing a research proposal, taking two 1-hour courses: LMC 4701 (typically taken during the first or second semester of research) and LMC 4702 (taken during the term in which the thesis is written), and completing the thesis.

BS/MS in Economics

Students with a GPA of 3.25 or higher in ECON courses are eligible to apply for the program after completion of 30 semester credit hours at Georgia Tech, but before the completion of 75 semester credit hours, including transfer and advanced placement credits. Students who have more than 75 credit hours will be considered for the program on a case-by-case basis. Admissions decisions will be based on GPA and judgments of the Graduate Committee and faculty who have served as advisors or instructors. Continuation in the program will require the B.S. student to maintain a GPA of 3.25 or higher in their ECON courses. The program will not penalize students who opt out after the bachelor's degree.

Students in the BS-MS ECON program will take 6 hours of ECON electives at the 6000 level which will be used toward ECON electives in the BS in Economics program and may be used toward core requirements or electives in the MS in Economics program. Prior to enrolling in 6000-level ECON courses, students will be required to complete ECON 3110 Advanced Microeconomics, ECON 3120 Advanced Macroeconomics, and ECON 3161 Econometrics.

Students are encouraged to take 6 credit hours from the MSECORE core courses (ECON 6105, ECON 6106, ECON 6140, or ECON 6160) during enrollment as a BS student. However, they will have flexibility to enroll in any 6000 ECON course whose prerequisite requirements they have met.