

BACHELOR OF ARTS (BA) DEGREE WITH A MAJOR IN ECONOMICS

Program Learning Outcomes for the BA Degree with a Major in Economics

Upon completing the BA degree with a major in Economics, students will have:

1. Learned the core principles of microeconomics, including supply and demand, utility maximization by consumers and profit maximization by firms, and equilibrium market structures.
2. Learned the core principles of macroeconomics, including the effects of monetary and fiscal policy, business cycles, determinants of growth, and a variety of approaches to researching and critically analyzing the macroeconomy.
3. Learned various statistical and econometric skills, and used statistical software to analyze economic data, interpret and communicate statistical results, both orally and in writing.

Requirements for the BA Degree with a Major in Economics

For general university requirements, see [Graduation Requirements \(https://ga.rice.edu/undergraduate-students/academic-policies-procedures/graduation-requirements/\)](https://ga.rice.edu/undergraduate-students/academic-policies-procedures/graduation-requirements/). Students pursuing the BA degree with a major in Economics must complete:

- A minimum of 14 or 15 courses (44-48 credit hours), depending on course selection, to satisfy major requirements.
- A minimum of 120 hours to satisfy degree requirements.
- A minimum of 5 courses (15 credit hours) taken at the 300-level or above.
- A maximum of 5 courses (15 credit hours) from study abroad or transfer credit **after** matriculation at Rice may be applied towards specific major requirements. For additional departmental guidelines regarding transfer credit, see the [Policies](#) (p. 2) tab.

The courses listed below satisfy the requirements for this major. In certain instances, courses not on this official list may be substituted upon approval of the major's academic advisor or, where applicable, the department's Director of Undergraduate Studies. (Course substitutions must be formally applied and entered into Degree Works by the major's Official Certifier (<https://registrar.rice.edu/facstaff/degreeworks/officialcertifier/>.) Students and their academic advisors should identify and clearly document the courses to be taken.

Summary

Code	Title	Credit Hours
Total Credit Hours Required for the Major in Economics		44-48
Total Credit Hours Required for the BA Degree with a Major in Economics		120

Degree Requirements

Code	Title	Credit Hours
Core Requirements		
Mathematics and Statistics ¹		
Select 1 from the following:		3 or 6
MATH 101 or MATH 105	SINGLE VARIABLE CALCULUS I AP/OTH CREDIT IN CALCULUS I	
MATH 111 & MATH 112	CALCULUS: DIFFERENTIATION AND ITS APPLICATIONS and CALCULUS: INTEGRATION AND ITS APPLICATIONS	
MATH 102 or MATH 106	SINGLE VARIABLE CALCULUS II ² AP/OTH CREDIT IN CALCULUS II	3
Select 1 course from the following:		3-4
ECON 307 / STAT 310	PROBABILITY AND STATISTICS	
STAT 311	HONORS PROBABILITY AND MATHEMATICAL STATISTICS	
STAT 315 / DSCI 301	PROBABILITY AND STATISTICS FOR DATA SCIENCE	
Economics and Econometrics ¹		
ECON 100	PRINCIPLES OF ECONOMICS ²	3
ECON 200	MICROECONOMICS	4
ECON 203	MACROECONOMICS	3
ECON 209	APPLIED ECONOMETRICS	4
ECON 300	GAME THEORY AND OTHER MICRO TOPICS FOR ECON MAJORS	3
Elective Requirements ^{1, 2, 3, 4}		
Select 3 courses from the following:		9
ECON 210	BEHAVIORAL ECONOMICS	
ECON 239	LAW AND ECONOMICS	
Courses between ECON 320-ECON 495		
ECON 498	HONORS PROGRAM IN ECONOMICS-I	
Select 3 courses from the following:		9
Courses between ECON 410-ECON 495		
ECON 498	HONORS PROGRAM IN ECONOMICS-I	
Total Credit Hours Required for the Major in Economics		44-48
Additional Credit Hours to Complete Degree Requirements *		41-45
University Graduation Requirements (https://ga.rice.edu/undergraduate-students/academic-policies-procedures/graduation-requirements/) *		31
Total Credit Hours		120

Footnotes and Additional Information

* **Note:** [University Graduation Requirements](#) include 31 credit hours, comprised of Distribution Requirements (Groups I, II, and III), FWIS, and LPAP coursework. In some instances, courses satisfying FWIS or distribution requirements may additionally meet other requirements, such as the Analyzing Diversity (AD) requirement, or some of the student's declared major, minor, or certificate requirements. [Additional Credit Hours to Complete Degree Requirements](#) include general electives, coursework completed as upper-level, residency (hours taken at Rice), and/or any other additional academic program requirements.

¹ **After matriculation:** In some cases, transfer credit may be approved by the economics department for courses completed at other schools after the student has matriculated at Rice. Students may present a maximum of 2 such transfer courses in fulfilling the mathematics and statistics core requirements, and a maximum of 3 such transfer courses in fulfilling the economics/econometrics core requirements **and** elective requirements combined. (Additional transfer courses may count toward meeting university graduation requirements, but not toward fulfillment of requirements for the major.)

Before matriculation: Credits awarded to transfer students for courses taken prior to matriculation at Rice are not counted against the departmental limit on transfer courses, but all students must complete more than half of their upper-level major coursework (300-level and 400-level courses) at Rice.

² Students who have received credit for ECON 111 and ECON 113 and have made a grade of B- or better in MATH 102 (taken at Rice University) may substitute any Economics major elective for ECON 100. Students must notify the department's Director of Undergraduate Studies if they wish to exercise this option.

³ As specified in their course descriptions, the following courses do not satisfy the Electives requirement for the major in Economics: ECON 101, ECON 103, ECON 111, ECON 113, ECON 205, ECON 260, ECON 270, ECON 275, ECON 280, ECON 499. In addition, BUSI 343 may be substituted for ECON 343, and STAT 449 may be substituted for ECON 449.

⁴ Students may select up to 1 course (3 credit hours) from approved coursework outside departmental (ECON) course offerings (see course list below).

Approved Electives

Up to 1 course (3 credit hours) from outside departmental (ECON) course offerings may be chosen to fulfill Elective Requirements.

Code	Title	Credit Hours
Approved Electives outside Economics (ECON)		
BUSI 401	FINANCIAL STATEMENT ANALYSIS	3
BUSI 447	ADVANCED CORPORATE FINANCE	3
BUSI 448	INVESTMENTS	3
BUSI 450	DERIVATIVES	3
CMOR 462	OPTIMIZATION METHODS IN FINANCE	3
STAT 482	QUANTITATIVE FINANCIAL ANALYTICS	3

Policies for the BA Degree with a Major in Economics

Program Restrictions and Exclusions

Students pursuing the major in Economics should be aware of the following program restrictions:

- Students pursuing the major in Economics may not additionally declare the major in Managerial Economics and Organizational Sciences.
- Students pursuing the major in Economics may not additionally declare the major in Mathematical Economic Analysis.

Transfer Credit

For Rice University's policy regarding transfer credit, see [Transfer Credit \(https://ga.rice.edu/undergraduate-students/academic-policies-procedures/transfer-credit/\)](https://ga.rice.edu/undergraduate-students/academic-policies-procedures/transfer-credit/). Some departments and programs have

additional restrictions on transfer credit. Requests for transfer credit must be approved for Rice equivalency by the designated transfer credit advisor for the appropriate academic department offering the Rice equivalent course (corresponding to the subject code of the course content). The Office of Academic Advising maintains the university's official list of [transfer credit advisors \(https://oaa.rice.edu/advising-network/transfer-credit-advisors/\)](https://oaa.rice.edu/advising-network/transfer-credit-advisors/) on their website: <https://oaa.rice.edu>. Students are encouraged to meet with the applicable transfer credit advisor as well as their academic program director when considering transfer credit possibilities.

Departmental Transfer Credit Guidelines

Students pursuing the major in Economics should be aware of the following departmental transfer credit guidelines:

- No more than 5 courses (15 credit hours) of transfer credit from U.S. or international universities of similar standing as Rice may apply towards specific major requirements **after** matriculation at Rice as follows:
 - No more than 2 courses (6 credit hours) of transfer credit may apply towards the Mathematics and Statistics Core Requirements;
 - No more than 3 courses (9 credit hours) of transfer credit may apply towards the Economics/Econometrics Core Requirements and the Elective Requirements combined.

Please Note: Additional transfer courses may count toward meeting university graduation requirements, but not toward fulfillment of requirements for the major. Credits awarded to transfer students for courses taken **prior** to matriculation at Rice are not counted against the departmental limit on transfer courses, but all students must complete more than half of their upper-level major coursework (300-level and 400-level courses) at Rice.

Additional Information

For additional information, please see the Economics website: <https://economics.rice.edu/>.

Opportunities for the BA Degree with a Major in Economics

Academic Honors

The university recognizes academic excellence achieved over an undergraduate's academic history at Rice. For information on university honors, please see [Latin Honors \(https://ga.rice.edu/undergraduate-students/honors-distinctions/university/\)](https://ga.rice.edu/undergraduate-students/honors-distinctions/university/) (*summa cum laude*, *magna cum laude*, and *cum laude*) and [Distinction in Research and Creative Work \(https://ga.rice.edu/undergraduate-students/honors-distinctions/university/\)](https://ga.rice.edu/undergraduate-students/honors-distinctions/university/). Some departments have department-specific Honors awards or designations.

Requirements for Departmental Honors

1. To earn departmental honors in economics, students must earn a grade of B+ (3.33 grade points) or better in each semester of the department's two-semester honors program, ECON 498 and ECON 499.
2. The honors program is available to both ECON and MTEC majors.
3. To be admitted to the honors program, students:
 - a. must have a GPA of 3.67 or better in all courses taken toward fulfilling their departmental major requirements at the beginning of the academic year in which they enter the honors program;

- b. must have completed all of the core requirements for their major;
 - c. must have completed the 400-level course or courses most closely related to their area of research, and
 - d. must be accepted to the honors program by the professor supervising the program.
4. For additional information, consult the *Honors Program* tab on the department website (<https://economics.rice.edu/undergraduate-program/honors-program/>).

Additional Information

For additional information, please see the Economics website: <https://economics.rice.edu/>.