

ECONOMICS, BACHELOR OF ARTS

Economics Major Requirements

(Also see Requirements for a Bachelor's Degree. (<https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/undergraduate-policies/academic-policies/requirements-for-a-bachelors-degree/>))

The introductory courses AS.180.101 Elements of Macroeconomics and AS.180.102 Elements of Microeconomics are open to all students. Each 200-level course has at least one of AS.180.101 and AS.180.102) as a prerequisite. Some have both.

AS.180.301 Microeconomic Theory and AS.180.302 Macroeconomic Theory courses have AS.180.101 Elements of Macroeconomics and AS.180.102 Elements of Microeconomics as well as Calculus I (AS.110.106 or equivalent) as prerequisites. (AS.180.301 Microeconomic Theory can be taken concurrently with AS.180.101 Elements of Macroeconomics but only if the student has completed AS.180.102 Elements of Microeconomics. AS.180.302 Macroeconomic Theory can be taken concurrently with AS.180.102 Elements of Microeconomics but only if the student has completed AS.180.101 Elements of Macroeconomics). All 300-level courses above 301 and 302 have Microeconomic and/or Macroeconomic Theory (AS.180.301, AS.180.302) as prerequisites (or, with permission of the instructor, corequisites), as well as Elements of Economics and Calculus. Some 300-level courses have additional prerequisites; see individual course listings. Independent study is available, subject to the consent of the department and of the faculty member with whom the student wants to work.

Subject to the consent of the instructor and the DUS, graduate courses at the 600-level are open to qualified undergraduates in the spring of their junior year or later.

For the economics major, a minimum grade of C- or better is required for all courses meeting the requirements and courses may not be taken satisfactory/unsatisfactory. Courses directly equivalent to JHU courses from study abroad or taken at other universities may count towards requirements; however non-direct equivalent courses must be approved by the department's director of undergraduate studies. In all cases, at least 5 of the 10 required economics courses of the major must be taken at JHU. Internships, independent studies, and intersession courses do not apply towards major requirements.

Major Requirements

Code	Title	Credits
Economics Core		
AS.180.101	Elements of Macroeconomics ¹	3
AS.180.102	Elements of Microeconomics ¹	3
AS.180.301	Microeconomic Theory	4
AS.180.302	Macroeconomic Theory	4
AS.180.334	Econometrics	3
Economics Electives		
Three 200- or 300-level economics courses ²		9
Two 300-level economics courses		6
Mathematics		

AS.110.106	Calculus I (Biology and Social Sciences) ³	4
or AS.110.108	Calculus I (Physical Sciences & Engineering)	

Statistics		
EN.553.111	Statistical Analysis I	4
or EN.553.112	Statistical Analysis II	
or EN.553.211	Probability and Statistics for the Life Sciences	
or EN.553.310	Probability & Statistics for the Physical Sciences & Engineering	
or EN.553.311	Probability and Statistics for the Biological Sciences and Engineering	
or EN.553.420	Introduction to Probability	
or EN.553.430	Introduction to Statistics	
or AS.280.345	Public Health Biostatistics	

Total Credits **40**

¹ Students who use exam credits to satisfy the AS.180.101 Elements of Macroeconomics and/or AS.180.102 Elements of Microeconomics requirements must take additional courses in the department to reach a total of 10 courses in the department.

² Please note: AS.180.203 Faculty Research in Economics, a S/U one-credit course, does not count as one of these three 200-level electives.

³ Or other equivalent courses approved by the DUS.

Additional Notes for Students

- EN.553.111 Statistical Analysis I or equivalent (any of the Statistics courses listed above) is a prerequisite for Econometrics.
- Except for AS.180.301 Microeconomic Theory, AS.180.302 Macroeconomic Theory, AS.180.334 Econometrics, AS.180.521 Research in Economics, and AS.180.522 Senior Thesis the department does not necessarily offer all 200- to 500-level courses every year. Students should plan their programs accordingly, in consultation with faculty.
- The Senior Honors Thesis sequence (AS.180.521 Research in Economics and AS.180.522 Senior Thesis) cannot be used to satisfy any of the requirements for the major. Anybody interested in pursuing the senior honors thesis should discuss this with the student's academic advisor not later than the end of the spring semester junior year.

Sample Program of Study

A typical program might include the following sequence of courses:

First Year			
First Semester	Credits	Second Semester	Credits
AS.180.101	3	AS.180.102	3
AS.110.106	4	EN.553.111	4
		7	7
Second Year			
First Semester	Credits	Second Semester	Credits
AS.180.301	4	AS.180.302	4
200 level elective	3	200 or 300 level elective	3
		7	7
Third Year			
First Semester	Credits	Second Semester	Credits
AS.180.334	3	3 300 level elective	3

200 or 300 level elective	3	
	6	3
Fourth Year		
First Semester	Credits	Second Semester Credits
300 level elective	3	200 or 300 level elective (optional)
	3	0

Total Credits 40

- The total credit count for the major includes AS.110.106 and EN.553.111. Students trying to take these courses after freshman or sophomore year are likely to run into serious schedule conflicts in the junior and senior years because of the need to fulfill the prerequisites for advanced courses. Consult with faculty at an early stage.

Honors in Economics

Departmental honors are awarded to those students who satisfy the following requirements:

- All economics courses applied to the major have been taken in the department.
- AS.180.521 Research in Economics and AS.180.522 Senior Thesis. The thesis may not be counted as one of the five economics electives.
- A grade point average of at least 3.5 for all economics courses.
- A grade point average of at least 3.5 for AS.180.301 Microeconomic Theory, AS.180.302 Macroeconomic Theory, AS.180.521 Research in Economics and AS.180.522 Senior Thesis.