

Mathematical Economics Advising: Course Requirements & Sequencing

<http://math.richmond.edu/major-minor/mathecon.html>



	Course Number	Prerequisites	When should I consider taking this course?
Core	ECON 101: Principles of Microeconomics ECON 102: Principles of Macroeconomics ECON 270: Introductory Econometrics ECON 271: Microeconomic Theory ECON 272: Macroeconomic Theory ECON 341: Mathematical Economics (offered in Spring only)	- ECON 101 ECON 101, ECON 102, BUAD 202, and MATH 211 (or equivalent) ECON 101, ECON 102 and MATH 211 (or equivalent) ECON 102 and ECON 271 ECON 271, MATH 212, and MATH 245	Freshman Fall or Spring Complete by end of Sophomore Fall Sophomore Fall or Spring Sophomore Fall or Spring Complete by end of Junior Fall Junior Spring or Senior Spring
	MATH 211: Calculus I MATH 212: Calculus II MATH 235: Multivariable Calculus MATH 245: Linear Algebra MATH 329: Probability	High School Precalculus MATH 211 (or equivalent) MATH 212 or MATH 232 MATH 212 or MATH 232 or CMSC 222 MATH 235 and MATH 245 (may be concurrent)	Freshman Fall or Spring Complete by end of Sophomore Fall Sophomore Fall or Spring Sophomore Fall or Spring Complete by end of Junior Spring
	CMSC 150: Introduction to Computing or CMSC 155: Introduction to Scientific Computing	MATH 211 for CMSC 155 only	As early as possible, and definitely before Junior Fall
	1 st Econ Elective (300-Level): _____ 2 nd Econ Elective (300-Level): _____	Varies, nearly all require at least ECON 271	Complete at least one by end of Junior Spring, and both by end of Senior Spring
Electives	1 st Math Elective (300-Level): _____ 2 nd Math Elective (300-Level): _____	Varies, most require at least MATH 235 or MATH 245	Complete at least one by end of Junior Spring, and both by end of Senior Spring

Note: A grade point average of C (2.00) is required in the major, with no course grade below a C- (1.70) in courses counting towards the major. Also note that many 200-level/300-level Economics courses require a C- or better grade in the prerequisite courses.

It is recommended that students consider taking BUAD 202: Business Statistics to meet the prerequisite requirement for ECON 270: Introductory Econometrics, thereby allowing them to take the course early in their academic career. Alternatively, students can opt to take MATH 289, MATH 329, or MATH 330 to meet the BUAD 202 pre-requisite requirement for ECON 270: Introductory Econometrics.

For advice on what electives to take talk to your academic advisor, one of the Math-Econ Program coordinators, and/or look over the Careers with Mathematical Economics Major Handout.

For students interested in complementing their Mathematical Economics major with courses from the Business School, especially those interested in a career in Actuarial Sciences, Consulting, or Finance, should contact the Math-Econ Program Coordinator from the Economics Department: Saif Mehkari (smehkari@richmond.edu).

For questions, comments, or advice please contact the Math-Econ Program Coordinators: Paul Kvam (pkvam@richmond.edu) or Saif Mehkari (smehkari@richmond.edu).

The major requirements and course listing information above are subject to change. This is not an official catalog listing. Please always refer to the University of Richmond Registrar's website for the most up-to-date information on major requirements, course listings, prerequisites, and frequency of course offerings (Updated 16th October, 2018).

Mathematical Economics Advising: Major Planning Worksheet

<http://math.richmond.edu/major-minor/mathecon.html>



	Fall Semester	Spring Semester
Freshman		
Sophomore		
Junior		
Senior		

Note: All course recommendations above are subject to class capacity constraints

Major Requirements
<input type="checkbox"/> ECON 101 <input type="checkbox"/> ECON 102 <input type="checkbox"/> ECON 270 <input type="checkbox"/> ECON 271 <input type="checkbox"/> ECON 272 <input type="checkbox"/> ECON 341
<input type="checkbox"/> MATH 211 <input type="checkbox"/> MATH 212 <input type="checkbox"/> MATH 235 <input type="checkbox"/> MATH 245 <input type="checkbox"/> MATH 329
<input type="checkbox"/> CMSC 150/155
<input type="checkbox"/> 1 st Math Elective <input type="checkbox"/> 2 nd Math Elective
<input type="checkbox"/> 1 st Econ Elective <input type="checkbox"/> 2 nd Econ Elective
<input type="checkbox"/> Major GPA = 2.0 <input type="checkbox"/> All course \geq C-
<p>Note: Students should consider taking BUAD 202 as a prereq for ECON 270. See note on previous page for more information.</p>