



Graduate School in Economics

Many graduates of an Economics PhD program pursue research careers at a college or university. Other graduates work for government agencies or private firms after graduation. Speak with your teaching assistants and professors to learn more about the graduate school application process and what to expect in a graduate program.

Recommended Courses (P = Prerequisite)

Advanced Electives in the major in order of relevance

- Economics Option B: Mathematical Emphasis
 - Econ 580 *Tutorial in Research Project Design* (P: Econ 301, 302, 410 or con. reg.)
 - Econ 311 *Advanced Microeconomic Theory* (P: Econ 301, **Math 222**)
 - Econ 312 *Advanced Macroeconomics* (P: Econ 302, **Math 234**)
- *Also consider taking the Advanced Treatment of intermediate economic theory 311-312 instead of 301-302.*

Applied Fields in the major

- Any interesting courses from the list, though students pursuing Option B with the intention of going to graduate school are better served by doing Advanced Electives in the major
- *Also consider taking the Honors calculus sequences Math 275-276 and/or 375-376 instead of 221-222-234 and Math-Stat 309-310.*

Suggested Courses Outside of the Department of Economics

- Math 431 *Introduction to the Theory of Probability*
 - Math 521 *Analysis I*
 - Math 522 *Analysis II*
 - Math 632 *Introduction to Stochastic Processes*
 - Graduate courses in Economics
- *If you took Math 221-222-234, consider taking Math 421 (The Theory of Single-Variable Calculus) to gain experience with mathematical proofs before taking the above courses.*
- *Also consider a certificate or major in Mathematics.*

Student Organizations

- [Economic Student Association](#)

Gain Technical Skills (FREE FOR STUDENTS!)

- [DoIT Software Training for Students](#)
- [SSCC Training Classes](#)

Additional Resources

- [UW-Madison Graduate School](#)
- [American Economic Association](#)