

## Suggested "Academic Path" for students interested in mainstream Economics Masters/Ph.D. programs

	<i>Fall Semester</i>	<i>Spring Semester</i>
<b>2nd/3rd year</b>	<b>MATH 111</b> <i>INTRO. TO MATHEMATICAL STRUCTURES</i> <b>MATH 201</b> <i>MATRIX THEORY</i> <b>MATH 231</b> <i>ADVANCED CALCULUS I</i> *-prerequisite for MATH 331 <i>PHIL 131</i> <i>LOGIC I</i>	<b>MATH 234</b> <i>ADVANCED CALCULUS II</i> *-prerequisite for MATH 332 <i>MATH 202</i> <i>DIFFERENTIAL EQUATIONS</i>
<b>3rd/4th year</b>	<b>MATH 331</b> <i>METRIC SPACES</i> <b>EC 304</b> <i>GAME THEORY</i> <i>MATH 345</i> <i>PROBABILITY</i>	<b>EC 306</b> <i>ADVANCED MICROECONOMICS</i> <b>EC 308</b> <i>ADVANCED MACROECONOMICS</i> <i>MATH 332</i> <i>LEBESGUE INTEGRATION</i>
<b>4th/5th year</b>	<i>MATH 431</i> <i>COMPLEX ANALYSIS I</i> <i>EC 501</i> <i>MICROECONOMICS I</i> <i>EC 503</i> <i>MACROECONOMICS I</i>	<b>EC 332</b> <i>ADVANCED ECONOMETRICS</i> <i>EC 502</i> <i>MICROECONOMICS II</i> <i>EC 504</i> <i>MACROECONOMICS II</i>
<b>Other</b>	<i>EC 531</i> <i>ECONOMETRICS I</i> <i>EC 521</i> <i>MATHEMATICAL METHODS FOR ECONOMISTS</i>	<i>EC 532</i> <i>ECONOMETRICS II</i>

**BOLD:** Very strongly recommended

*Italicized:* Useful

*Graduate programs place very significant value on math courses during the admissions process. Additionally, Masters level economics courses and the "advanced" undergraduate economics courses are very beneficial to have on your transcript.*

*MATH COURSES: The Real Analysis sequence (MATH 331 & MATH 332), for which MATH 232 is a prerequisite, is particularly important. We strongly suggest you also take MATH 111 (as well as PHIL 131, if possible) before MATH 331 & MATH 332, in order to help you prepare for the proof-oriented Real Analysis sequence, although now named differently.*

*ADVANCED UNDERGRAD ECON COURSES: When choosing your elective courses within the department, the "advanced" undergraduate courses (EC 306, EC 308 and EC 332), as well as the new game theory course (EC 304) are all strongly recommended.*

*MASTERS LEVEL ECON COURSES: Performing well in Masters level economics courses--in particular the Microeconomics sequence (EC 501 & EC 502)--is a very good sign that you will be successful in an Economics graduate program abroad.*

*NOTE: We understand that you may not be able to take all of the courses we suggest here. It is important to note that the more of these courses you take, the better, even if you cannot take them all due to scheduling conflicts, spending a semester abroad or not beginning this path until your 3rd year.*

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*Last revised September 1 2018.*

*Please feel free to send e-mail to Orhan Torul (orhan.torul@boun.edu.tr) with any general questions about preparing for an academic career in Economics.*