

Mathematics & Economics Major Requirements (81)

Foundation Courses

- CMPUT 174 - Introduction to the Foundations of Computation I (See Note 1)
- CMPUT 175 - Introduction to the Foundations of Computation II (See Note 1)
- ECON 101 - Introduction to Microeconomics
- ECON 102 - Introduction to Macroeconomics
- MATH 154 - Calculus for Business and Economics I
- MATH 156 - Calculus for Business and Economics II
- STAT 161 - Introductory Statistics for Business and Economics (See Note 4)

3 units from:

MATH 125 - Linear Algebra I _____
 MATH 127 - Honors Linear Algebra I _____

Senior Courses

- ECON 281 - Intermediate Microeconomic Theory I
- ECON 282 - Intermediate Macroeconomic Theory I
- ECON 399 - Introductory Econometrics
- MATH 216 - Introduction to Analysis (See Note 2)
- STAT 265 - Probability and Statistics I
- STAT 266 - Probability and Statistics II

3 units from:

MATH 214 - Calculus III _____
 MATH 217 - Honors Calculus III _____

3 units from:

MATH 225 - Linear Algebra II _____
 MATH 227 - Honors Linear Algebra II _____

3 units from:

MATH 334 - Ordinary Differential Equations _____
 MATH 336 - Honors Ordinary Differential Equations _____

3 units from:

ECON 384 - Intermediate Microeconomic Theory II _____
 ECON at the 400-level _____

3 units from:

ECON 385 - Intermediate Macroeconomic Theory II or _____
 ECON at the 400-level _____

12 units from:

ECON at the 200, 300, 400-level _____

3 units from:

ECON at the 400-level _____

3 units from:

MATH or STAT at the 300 or 400-level _____

6 units from:

MATH or STAT at the 400-level _____

- COMM
- COMM
- IND
- BO__
- BO__
- BSBS
- BSFS
- BSSS
- LAB

Notes:

1. CMPUT 274 and CMPUT 275 can serve as substitutes for CMPUT 174 and CMPUT 175, respectively.
2. Students who successfully complete MATH 117 must replace MATH 216 with 3 units selected from MATH at the 200-level or higher.
3. With consent of the Department, students may substitute MATH 100 for MATH 117, MATH 134, MATH 144 or MATH 154; MATH 101 for MATH 118, MATH 136, MATH 146 or MATH 156; MATH 102 for MATH 125 or MATH 127.
4. STAT 161 can be replaced by STAT 151.
5. 300- and 400-level ECON courses require successful completion of either the Assessment of Reading, Comprehension, and Writings in Economics or ECON 109.