Requirements for a Major in Mathematical Economics (B.S.), 16 units

**Economics Core Requirements (5 units)**
- EC 101: Macroeconomics
- EC 102: Microeconomics
- EC 301: Intermediate Macroeconomics
- EC 302: Intermediate Microeconomics
- EC 415: Applied Econometrics

**Mathematics Core Requirements (6 units)**
- MA 108: Statistics for Economics and Business
- MA 121: Calculus I
- MA 122: Calculus II
- MA 230: Discrete Mathematics
- MA 232: Linear Algebra
- MA 316: Operations Research

**Senior Learning Community (2 units)**
- EC 400/MA 400: Economics Senior Reflective Tutorial/Mathematics Senior LC
- EC 420: Economic Methodology and the History of Economic Thought

**Electives (3 units)**
- EC 332: Game Theory
- EC 304: International Finance
- EC 412: Economic Geography
- MA 223 Calculus III
- MA 233 Differential Equations
- MA 373 Probability
- Internship (Can be used in lieu of one of the electives; subject to the approval of the advisor).

**At least one course from each discipline**