A student interested in quantitative aspects of economics who wishes to work for advanced degrees in business or economics that require a strong mathematics background may pursue an Economics Major with a Mathematics Concentration. Requirements are fourteen courses distributed as follows:

Econ. 101: Introductory Macroeconomics (4 credits)

[Note: Econ 101 is a prerequisite for Econ 102.]

Econ. 102: Introductory Microeconomics (4 credits)
Econ. 301: Intermediate Macroeconomics (4 credits)
Econ. 302: Intermediate Microeconomics (4 credits)
Econ. 307: Introductory Econometrics (4 credits)
Econ. 419: Mathematical Macroeconomics (4 credits)

OR

Econ. 429: Mathematical Microeconomics

And three additional Economics electives, only one of which may be a 200-level course. Beginning with the class entering Fall 2013, at least one of these elective courses must satisfy the department’s writing requirement.

[4 credits each] * (12 credits)

* See the Requirements for an Economics Major sheet for a complete listing of courses.
Math 123: Single Variable Calculus I (4 credits)
Math 124: Multivariable Calculus II (4 credits)
Math 231: Linear Algebra and Differential Equations (4 credits)
Math 232: Mathematical Modeling (4 credits)

And one additional course from the following: (4 credits)

Econ. 419 or 429  [Whichever one not taken above.]
Math 242: Applied Statistics
Math 337: Operations Research
Math 357: Vector Calculus and Fourier Analysis