

B.S. SPECIALIZATION IN ECONOMIC ANALYSIS

16 FULL COURSES REQUIRED

Before this major can be declared, the student must have:

- *A minimum overall GPA of 2.0 AND*
- *Grades of C or better in both ECON 160 and 162 AND*
- *Grades of B- or better in both required statistics and calculus courses*

No course for the major may be taken more than twice.

- *Courses marked ‘*’ must be taken at Binghamton*
- *At least 8 of the 16 required courses must be taken at Binghamton.*
- *At least 6 of the economics (ECON) courses, including 2 at the 400 level, must be taken at Binghamton.*

SEVEN CORE COURSES IN ECONOMICS

- _____ ECON 160 – Principles of Microeconomics
- _____ ECON 162 – Principles of Macroeconomics
- _____ ECON 360 – Microeconomic Theory
- _____ ECON 362 – Macroeconomic Theory
- _____ *ECON 366/MATH 147/MATH 448/CQS 112 – Statistics
- _____ ECON 464 – Mathematical Economic Analysis (*may not be counted as a 400 level elective below*)
- _____ ECON 466 – Introduction to Econometrics (*may not be counted as a 400 level elective below*)

FOUR REQUIRED MATHEMATICS COURSES

- _____ MATH 221 – Calculus I
- _____ MATH 222 – Calculus II
- _____ MATH 304 – Linear Algebra
- _____ MATH 323 – Calculus III

THREE FULL ECONOMICS COURSES NUMBERED 400-489

- _____ * ECON 4 _____
- _____ * ECON 4 _____
- _____ ECON 4 _____

TWO FULL COURSES CHOSEN FROM ECON, MATH or CS

- *ECON must be above 110 (only one may be 100-level)*
- *Eligible MATH and CS courses listed below*
- *Other MATH and CS courses numbered 300 and above may be substituted with the permission of the Economics Undergraduate Director*

- _____ ECON/MATH/CS _____
- _____ ECON/MATH/CS _____

MATH 314, 357, 371, 447, 448, 461, 471, 478
CS 140

All courses must be completed with a grade of C or better.