

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.

This includes any combination of statistics and/or calculus courses.

- Courses Marked “*” must be taken at Binghamton, AP or approved – see Guidelines at <http://www2.binghamton.edu/economics/undergraduate/documents/TransferCourseGuidelines.pdf>
- 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 148/MATH 448/CQS 112 – Statistics (*MATH 448 used here may not be used below*)
- _____ ECON 466 – Introduction to Econometrics (*may not be counted as a 400 level elective below*)
- _____ One of the following courses (*which may not be counted as a 400 level elective below if used here*):
 - ECON 464 – Mathematical Economic Analysis
 - ECON 461 – Game Theory
 - ECON 462 – Information Economics
 - ECON 467 – Economic Forecasting

Students who fail to receive a grade of C or better in two attempts at core courses will be dropped from the major.

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.