

B.S. SPECIALIZATION IN ECONOMIC ANALYSIS - 922

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 one of the required Statistics AND Calculus courses (See #5 and #8 below)*

No course for the major may be taken more than twice. This includes any combination of statistics and/or calculus courses. All courses must be completed with a grade of C or better. (calculus and statistics require grades of B- or better).

Students who entered 2012 and thereafter:

- *At least 9 of the 16 required courses must be taken at Binghamton.*
- *At least 6 of the economics (ECON) courses, including 4 at the 400 level, must be taken at Binghamton.*

A. SEVEN CORE COURSES IN ECONOMICS

1. ____ ECON 160 – Principles of Microeconomics
2. ____ ECON 162 – Principles of Macroeconomics
3. ____ ECON 360 – Microeconomic Theory
4. ____ ECON 362 – Macroeconomic Theory
5. ____ ECON 366/MATH 147/MATH 148/MATH 448/CQS 112–Statistics (*MATH 448 here may not be used in D below*)
6. ____ ECON 466 – Introduction to Econometrics (*may not be counted as a 400 level elective below*)
7. ____ One of the following courses (*which may not be counted as a 400 level elective in C below if used here*):
 - ECON 464 – Mathematical Economic Analysis (*rarely offered*)
 - 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.

B. FOUR CORE COURSES IN MATHEMATICS

8. ____ MATH 221 – Calculus I or MATH 224 and 225 - Differential and Integral Calculus
9. ____ MATH 222 – Calculus II
10. ____ MATH 304 – Linear Algebra
11. ____ MATH 323 – Calculus III

C. THREE FULL ECONOMICS COURSES NUMBERED 400-489

12. ____ ECON 4____
13. ____ ECON 4____
14. ____ ECON 4____

D. 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*

15. ____ ECON/MATH/CS ____
16. ____ ECON/MATH/CS ____

○ MATH 314, 357, 371, 447, 448, 461, 471, 478

○ CS 140