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 (Note: ECON 466 is a prerequisite)

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 or MATH 226 and 227 - Integration Technique and Infinite Series
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, 330, 357, 371, 447, 448, 461, 471, 478
   - CS 140

3/23/2017