

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**
- **Grades of C or better in both ECON 160 and 162**
- **Grades of B- or better in one of the required statistics courses (#5 below) and calculus courses (#6 below).**

A minimum grade of C or better is required for a course to fulfill major requirements. There is a 2 Fail/Drop policy for Majors. Students who fail to receive a grade of C or better in two attempts at core courses will be dropped from the major. This includes any combination of statistics and/or calculus courses. P/F grades are not allowed (Exception made for Spring 2020 semester only).

Residency Requirements:

- *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.*

SEVEN CORE COURSES IN ECONOMICS

Note when taken	Course Number and Description
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/QS 112 – Statistics
6	ECON 466 – Introduction to Econometrics (may not be counted as a 400-level elective below)
7	One of the following courses: ECON 464 Mathematical Economic Analysis, ECON 461 Game Theory, ECON 462 International Economics, ECON 467 Economic Forecasting, or ECON 479 Intermediate Research Seminar

FOUR CORE COURSES IN MATHEMATICS

Note when taken	Course Number and Description
8	MATH 224 and 225- Differential and Integral Calculus
9	MATH 226 and 227- Integration Technique and Infinite Series
10	MATH 304- Linear Algebra
11	MATH 323- Calculus III

THREE FULL ECONOMICS COURSES NUMBERED 400-489

Note when taken	Course Number and Description
12	ECON 4
13	ECON 4
14	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 include: MATH 314, 330, 371, 447, 448, 461, 471 or 478; CS 140
- Other MATH and CS courses numbered 300 and above may be substituted with the permission of the Economics Undergraduate Director

Note when taken	Course Number and Description
15	ECON/MATH/CS
16	ECON/MATH/CS