

## **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/CQS 112 – Statistics
6	ECON 466 – Introduction to Econometrics or ECON 456 – Data Analysis in Economics (Whichever course is taken to fulfill this section, 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 Information Economics, ECON 467 Economic Forecasting, ECON 456 Data Analysis in Economics, or ECON 483K/556 Advanced Data Analysis

### **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, 357, 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