

## **4+1 BS/MA SPECIALIZATION IN ECONOMIC ANALYSIS (92C)**

### **16 FULL COURSES REQUIRED**

Before this major can be declared, the student must have:

- **Already been declared as a BS in Economic Analysis (922) major.**
- **Completed the department application (google form can be request from Graduate Director or Department Staff)**
- **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 require for a course to full 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 7 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	<b>ECON 502 –Econometrics (Taken Fall Senior Year)</b>
7	<b>ECON 504 – Economic Forecasting (Taken Spring Senior Year)</b>

### **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

## **Graduate Component**

MA Graduate Course Requirements		
Econ 500, Microeconomic Theory	<b>Three Graduate Electives</b>	
Econ 501, Macroeconomic Theory	Econ	5
<b>Econ 502, Econometrics Methods</b>	Econ	5
Econ 503, Math Analysis for Economists	Econ	5
<b>Econ 504, Economic Forecasting</b>		

**Econ 502 and Econ 504 are taken as an undergraduate during your senior year.**