

## B.S. SPECIALIZATION IN ECONOMIC POLICY ANALYSIS (622)

### 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.

#### EIGHT CORE COURSES

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	MATH 220 or MATH 224 and 225- Calculus
7	ECON 445 – Public Economics
8	ECON 466 – Introduction to Econometrics <b>or</b> ECON 456 – Data Analysis in Economics (Whichever course is taken to fulfill this section, may not be counted as a 400-level elective below)

#### FIVE FULL COURSES NUMBERED ABOVE 110

- At least 3 of which are 400-489
- No more than 1 course numbered in the 100s

At least 3 of the 5 electives must be chosen from courses below (also see note):

ECON 413 - Microeconomics of Development	ECON 444 - Economics of Households
ECON 414 - Economic Development – East Asia	ECON 448 – Economics of Education
ECON 415 - Gender & Economic Development	ECON 450 - Monetary Economics
ECON 416 – Economic Analysis with Python	ECON 461 - Game Theory
ECON 430 - Urban Economics	ECON 456 – Data Analysis in Economics
ECON 431 - Advanced Environmental Economics	ECON 458 - Advanced Macroeconomics
ECON 433 - Natural Resource Economics	ECON 459 – Economic Growth
ECON 434 - Energy Economics	ECON 462 - Information Economics
ECON 436 - International Trade	ECON 466 – Introduction to Econometrics
ECON 437 - International Monetary Economics	ECON 483C/581D Policy Evaluation Applied Microeconomics
ECON 440 - Industrial Organization	ECON 483K/556 Advanced Data Analysis
ECON 443 - Labor Economics	ECON 483M/542 Advanced Financial Economics

Note course taken	Number
9	ECON
10	ECON
11	ECON 4
12	ECON 4
13	ECON 4

**NOTE: These courses listed may not be offered each semester or even each academic year. Course offerings are based on available teaching resources. Special topics courses may sometimes be added to this list for a semester – these will be announced to the ECONMAJ listserv if and when they are added.**

#### COMPUTING SKILLS

14	CS 105, Introduction to Computing (CS 110 and CS 140, HARP 150 also accepted)
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**TWO COURSES** chosen from either PLSC (numbered above 300) or ENVI (any level). Any suitable course other than PLSC or ENVI must be approved by the Economics Undergraduate Director. (Please refer to the [Bulletin](#) for course titles, descriptions and prerequisites.)

15	PLSC/ENVI	Note Level Taken
16	PLSC/ENVI	Note Level Taken