

Economics–Statistics Joint Major

www.Econ.Pitt.edu and www.Stat.Pitt.edu

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The Economics–Statistics joint major is intended for students who are interested in economics and enjoy modeling and analyzing data. Although the number of such students is not large, there are each year who express an interest in pursuing both economics and statistics in a depth suitable for a major. These students are prime candidates for graduate school and want to keep their options open as to which field to enter later. Short of completing two bachelor's degrees, their only option now is to major in one subject and minor in the other. If they later decide to attend graduate school in their minor subject, they are likely to be less competitive for admission to the best departments than if they had majored in that subject. A joint major provides a compromise to keep their options open. A joint major in economics and statistics can be excellent training for the more relevant areas of business, such as forecasting, investment management, actuarial planning, and accounting, health management, public health, without losing the breadth provided by a liberal arts program. Graduates of the joint major who are interested in business will have the requisite skills for further training or for immediate entrance into the job market.

Required courses for the Economics–Statistics joint major

The Economics–Statistics joint major requires the completion of 62 credits distributed as follows.

Economics courses

ECON 0100 Introduction to Microeconomic Theory
ECON 0110 Introduction to Macroeconomic Theory
ECON 1100 Intermediate Microeconomics
ECON 1110 Intermediate Macroeconomics
ECON 1150 Applied Econometrics 1
Two ECON 100-level electives

Mathematics courses

MATH 0220 Analytic Geometry and Calculus 1
MATH 0240 Analytic Geometry and Calculus 3

One of the following courses

MATH 0230 Analytic Geometry and Calculus 2
MATH 0235 Honors 1 Variable Calculus

Note: Students are encouraged to take a course in linear algebra such as MATH 0280, MATH 1180, or MATH 1185.

Grade requirements

A grade of C or better is required in each course that counts toward the major. A minimum GPA of 2.0 in departmental courses is required for graduation.

Satisfactory/No Credit option

No course required for the major may be taken on an S/NC basis.

Writing (W) requirement

Students must complete at least one W-course in the major.

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Statistics courses

STAT 1000 Applied Statistical Methods I are encouraged to take STAT 1631 and STAT 1632.

