INTERDISCIPLINARY MATH & ECONOMICS MAJOR

This major, offered jointly by the departments of economics and mathematics, is designed to give the student an excellent background in modern economic analysis and a solid grounding in those mathematical disciplines necessary for a full understanding of economic analysis. Because it both demands and fosters careful reasoning as well as a facility with abstract formulations of problem situations, it is an apt pre-law program. Its high degree of difficulty makes it attractive to business recruiters, and it is particularly appropriate for graduate studies in economics, business, and other applied quantitative fields.

Program Activities

Majors in this program are eligible for honors at graduation in interdisciplinary math & economics. Some majors in this program have done internships at banks or investment firms. Such internships are not required and do not count among the four electives in the major.

For more information

Visit the interdisciplinary math & economics program page.

CIP Code

27.9999 - Mathematics and Statistics, Other.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.

Requirements

Students enrolled in this program are required to take the following courses:

Course	Title	Credits
Required Courses		
ECON 1100	Principles of Macroeconomics	3
ECON 1200	Principles of Microeconomics	3
ECON 3116	Intermediate Macroeconomics	4
ECON 3118	Intermediate Microeconomics	4
MATH 1207	Calculus II	4
MATH 2004	Multivariable Calculus I	4
MATH 2001	Discrete Mathematics	4
MATH 2006	Linear Algebra I	4
Select one of the following:		
MATH 3006 & MATH 3007	Probability and Statistics	
ECON 2140 & ECON 2142	Statistics I and Statistics II	
Electives		

Select four electives in mathematics or economics. Any course with the MATH subject code (must be 4 credits and numbered 2000 or higher) or the ECON subject code may fulfill this requirement. Of these four courses, at least one course must be in mathematics and one must be in economics.

Required courses and sufficient electives to fulfill the major are available on both campuses.

Availability

The major in interdisciplinary math & economics is available at Fordham College at Rose Hill and Fordham College at Lincoln Center. Students in Fordham's School of Professional and Continuing Studies may major in interdisciplinary math & economics only if they receive the approval of their advising dean and/or department, and their schedules are sufficiently flexible to permit them to take day courses at the Rose Hill or Lincoln Center campuses.

Fordham College at Rose Hill students: *The requirements above are in addition to those of the* Core Curriculum.

Fordham College at Lincoln Center students: *The requirements above are in addition to those of the* Core Curriculum.

Professional and Continuing Studies students: *The requirements above are in addition to those of the* PCS Core Curriculum *and any additional electives that may be required to earn a minimum of 124 credits.*