

ECONOMICS AND QUANTITATIVE ANALYSIS (MS)

Become an Economic Analyst

In DePaul's Master of Science (MS) in Economics and Quantitative Analysis you'll gain in-depth knowledge of economic theory and advanced skills in data analysis that position you to examine economic and business policies. The research-driven curriculum prepares you to be a hands-on economic analyst.

Interested students participate in 12-16 week fellowships at private companies, a government agency, public policy institute or nonprofit in Chicago, Washington D.C., or another city.

Program Features

Through the MS in Economics and Quantitative Analysis program, students develop skills and knowledge in:

- Applied economic theory.
- Demonstrating research findings through written analyses for audiences that include business professionals, economists, policymakers and the public.
- Conducting econometric research.
- The relationship between economics and politics.

STEM Designation

Program Requirements	Quarter Hours
Degree Requirements	48
Total hours required	48

Learning Outcomes

Students will be able to:

- Apply modern economic theory, use analytical and evaluative skills to solve a variety of policy problems and make recommendations and decisions.
- Employ existing econometric software programs to solve complex problems in policy analysis.
- Understand the main theories of international trade and apply them to relevant international trade policy issues.
- Create clear and coherent written work that is geared towards different audiences including economists, non-economists, policy makers and general public.
- integrate emerging technologies in ethical decision making.

Degree Requirements

Prerequisite Requirements

Students must have completed one course in Principles of Microeconomics and one in Principles of Macroeconomics as well as differential calculus prior to admission to the MSEPA program.

Course Requirements

Students in the MSEPA program complete 12 courses (48 credit hours). The degree consists of seven required core courses plus five elective

courses. As part of the electives, students may apply for a one- or two-course equivalent research fellowship. Alternatively, with approval of the program director, students may take two graduate elective courses outside of the economics department.

Students may enroll in the program on a full-time or part-time basis. Classes are generally offered during the evening. The typical full-time student will finish the program in five quarters. Students will be advised to take no more than three courses per term. Students attending the program part-time will typically take two evening courses per quarter and finish the program in six quarters.

Core Courses (7 required courses)

Course	Title	Quarter Hours
ECO 505	ADVANCED MICROECONOMICS	4
ECO 506	ADVANCED MACROECONOMICS	4
ECO 507	DATA ANALYTICS I: REGRESSION ANALYSIS	4
ECO 508	DATA ANALYTICS II: TIME SERIES AND PANEL DATA ANALYSIS	4
ECO 510	DATA ANALYTICS III: CAUSAL INFERENCE	4
ECO 515	MICROECONOMICS OF MARKET ORGANIZATION	4
ECO 516	ECONOMICS OF THE PUBLIC SECTOR I	4

Elective Courses (5 courses required)

Course	Title	Quarter Hours
Select five of the following:		20
ECO 435	REAL ANALYSIS I	
ECO 436	REAL ANALYSIS II	
ECO 511	BUSINESS AND ECONOMIC FORECASTING	
ECO 513	DEMYSTIFYING THE FEDERAL RESERVE BANK	
ECO 517	THE PUBLIC POLICY, BUSINESS, AND ETHICAL ENVIRONMENT OF GOVERNMENT	
ECO 518	LABOR ECONOMICS AND LABOR RELATIONS	
ECO 525	GAME THEORY AND STRATEGY	
ECO 526	BUSINESS STRATEGY	
ECO 528	STRATEGIES AND PROCESSES OF NEGOTIATIONS	
ECO 529	STRATEGY AND ANTITRUST	
ECO 531	BUSINESS MODELS AND INNOVATION STRATEGY	
ECO 535	BEHAVIORAL ECONOMICS AND DECISION-MAKING	
ECO 542	HEALTH ECONOMICS	
ECO 557	INTERNATIONAL TRADE THEORY & POLICY	
ECO 798	SPECIAL TOPICS (Research Fellowship I)	
ECO 798	SPECIAL TOPICS (Research Fellowship II)	
ECO 799	INDEPENDENT STUDY (Directed Research Project. Requires department consent.)	

Research Fellowship

The research fellowship allows students to work full-time on Capitol Hill, an independent agency or nonprofit in Washington D.C., Chicago, or elsewhere for 12 to 16 weeks. Fellowships immerse students in analysis, research and policymaking, while providing a unique opportunity to develop an extensive professional network.

In order to be eligible for the fellowship, students must have earned a course grade of B or better in ECO 505, ECO 506 and ECO 507. In addition to the academic requirements, students must also have departmental approval.

Degree Requirements

- Satisfactory completion of the college residency requirement.
- Satisfactory completion of the 12 required and elective courses.
- All courses for credit toward the degree must be completed within six calendar years after the candidate's first term of enrollment in the Kellstadt Graduate School of Business. After a lapse of six years a course is expired. An expired course is not acceptable for the purpose of satisfaction of degree requirements and is not applicable to the degree without the written approval of the director of the program or the Kellstadt Graduate School of Business.