

Economics, MS

The Master of Science program focuses on applied economic policy analysis, with broad specialization areas. The program is large enough to support a full slate of core and area courses each year, yet small enough to maintain a sense of community among the students. The program is especially appropriate for those who wish to work in or return to positions in government, teaching, finance, or industry while providing a rigorous basis for those who want to continue their studies to the doctoral level.

The Master of Science in Economics offers the opportunity for master's students to apply for paid work positions through Northeastern University's world-famous co-op program. Qualified and approved master's students can participate in co-op as practicing economists for up to six months as part of their academic program (note that a minimum GPA of 3.000 is required in order to apply). This paid work experience enhances the degree and its emphasis on application. Students have an opportunity to learn how to apply their knowledge, solve problems, and make a difference in the world before they graduate. Our graduates either find full-time work in their area of specialty or go on to earn additional graduate degrees. All of our graduates find jobs after completing our program. For more information, please visit the Master of Science in Economics (<https://cssh.northeastern.edu/economics/program/ms-graduate-program/>) website.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

Code	Title	Hours
Quantitative		
ECON 5105 or ECON 6105	Math and Statistics for Economists Advanced Mathematics and Statistics for Economists	4
ECON 5140 or ECON 6140	Applied Econometrics Advanced Applied Econometrics	4
Theory		
ECON 5110 or ECON 6110	Microeconomic Theory Advanced Microeconomic Theory	4
ECON 5120 or ECON 6120	Macroeconomic Theory Advanced Macroeconomic Theory	4

Electives

With prior approval from the graduate program director, the following courses may substitute for electives: Thesis (ECON 7990) or Internship In Economics (ECON 8550). Additionally, a student may select a maximum of 8 graduate semester hours offered by other departments.

Code	Title	Hours
Complete 16 semester hours from the following range (excluding any class taken to fulfill core requirements above):		16
ECON 5200 to ECON 7772		

Concentration in Data Science for Economics

The concentration may be taken in place of the elective section. Seattle students are required to complete the concentration.

Code	Title	Hours
Required		
CS 5800	Algorithms	4
DS 5110	Introduction to Data Management and Processing	4
Complete 4 semester hours from the following courses:		4
DS 5220	Supervised Machine Learning and Learning Theory	
DS 5230	Unsupervised Machine Learning and Data Mining	
DS 5500	Capstone: Applications in Data Science	
Economics Elective		
Complete 4 semester hours from the following range:		4
ECON 5200 to ECON 7772		

OPTIONAL CO-OP EXPERIENCE

Code	Title	Hours
Requires two consecutive semesters of Co-op Work Experience and Experiential Integration:		
ECON 6964 and INSH 6864	Co-op Work Experience and Experiential Integration	

Program Credit/GPA Requirements

32 semester hours required (34 with optional co-op)

Minimum 3.000 GPA required