

M.S. Economics: Econometrics and Data Analytics Concentration

The following information is intended as a general overview of the M.S. Economics Program: Econometrics and Data Analytics Concentration. All students are encouraged to meet with an academic advisor before registration every term.

A minimum of 30 credit hours are required for the degree. College Calculus, Statistics, and Computer Literacy are assumed. See the catalog for detailed requirements.

Core Courses

Course Title	Prefix & Number	Pre-reqs, Available Substitutions, & Other Notes
Advanced Mathematical Economics	ECO 6403	Only offered in Fall term
Advanced Microeconomics	ECO 6115	Only offered in Fall term
Advanced Game Theory and Applications	ECO 6409	Only offered in Spring term
Advanced Macroeconomic Fluctuations	ECO 6206	Only offered in Spring term
Advanced Economic Growth and Development	ECO 6709	Only offered in Fall term
Advanced Econometrics	ECO 6426	Only offered in Spring term
Topics of Econometrics	ECO 6424	Only offered in Summer term; pre-req ECO 6426

Field Courses

Select ECO 6427 and one additional course from the following:

Course Title	Prefix & Number	Pre-reqs, Available Substitutions, & Other Notes
Advanced Panel Data Analysis	ECO 6427	Only offered in Fall term; pre-req ECO 6426
Introduction to Bus. Analytics & Big Data	ISM 6404	Offered Fall and Spring term
Advanced Bus. Analytics	ISM 6405	Offered Fall and Spring term

Elective Courses

Select one course from the following:

Course Title	Prefix & Number	Pre-reqs, Available Substitutions, & Other Notes
ECO Course	ECO 6XXX	May select any remaining 6000-level ECO course
Remaining ISM Field Course	ISM 6XXX	May select the remaining field course from above
Data Mining and Predictive Analytics	ISM 6136	Offered Fall and Spring term
Data Management and Analysis w/ Excel	QMB 6303	Offered Fall, Spring and Summer term
Blockchain and Digital Business Transformation	ISM 6455	Offered Fall and Spring term
Business Innovation and Artificial Intelligence	ISM 6427C	Offered in Fall and Spring term