

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 Intersession term (8 weeks)
Advanced Microeconomics	ECO 6115	Only offered in Fall term
Advanced Macroeconomics	ECO 6206	Only offered in Spring term
Advanced Econometrics	ECO 6426	Only offered in Fall term

Field Courses

Select any of the three following courses:

Course Title	Prefix & Number	Pre-reqs, Available Substitutions, & Other Notes
Panel Data	ECO 6435	Only offered in Spring term and pre-req ECO 6426
Topics of Econometrics	ECO 6424	Only offered in Summer term and 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

Business Courses

Select one of the following courses:

Course Title	Prefix & Number	Pre-reqs, Available Substitutions, & Other Notes
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, Spring, Summer term
Business Innovation and Artificial Intelligence	ISM 6427C	Only offered in Fall term
ECO Field Courses	ECO 6XXX	May select any of the field courses from above

Electives or Thesis

Select any two other Non-Foundation 6000 level ECO courses OR prepare a 6-credit thesis:

(only 3 elective credits may be a non-ECO course)

Course Title	Prefix & Number	Pre-reqs, Available Substitutions, & Other Notes
Master's Thesis	ECO 6971	See graduate advisor during first semester
Elective	ECO 6XXX	May select any of the field courses from above
Elective	ISM/ QMB 6XXX	May select any of the field or business courses from above