

# MASTER OF STATISTICS IN ECONOMETRICS

## ADMISSION REQUIREMENTS: *(Application deadlines: April 1 and November 1)*

- Completion of a bachelor's degree with a GPA of 3.0 or better (or equivalent)
- Program prerequisites: completion of Calculus I, II, III; intermediate microeconomics and macroeconomics; and two semesters of basic statistics
- GRE scores (no minimum requirement), statement of purpose, three letters of recommendation
- Minimum TOEFL score of 80—IBT (international applicants only)

## PROGRAM REQUIREMENTS:

- All economics courses must be taken for a minimum letter grade of C-
- A minimum GPA of 3.0 is required for graduation
- Minimum credit hours: 33

As of Spring 2016

**1. MSTAT ECONOMETRICS CORE:** Must complete all 7 core courses, plus ECON 6955 (24 credits). Graduate level courses in econometrics, probability/inference and methods are required of all stu-

<i>Probability/Inference</i>	<i>Econometrics</i>	<i>Methods</i>
<input type="checkbox"/> MATH 5010 Intro to Probability	<input type="checkbox"/> ECON 7590 Econometrics	<input type="checkbox"/> STAT 6869 Adv Methods in Stats/Captstone
<input type="checkbox"/> MATH 5080 Statistical Inference I	<input type="checkbox"/> ECON 7800 Econometrics I	
<input type="checkbox"/> MATH 5090 Statistical Inference II	<input type="checkbox"/> ECON 7801 Econometrics II	

**2. ECONOMETRICS ELECTIVES:** Must complete any 9 credits. (With prior approval, students may take courses offered by other MStat tracks/departments.)

<i>Econometric Elective Courses</i>		
<input type="checkbox"/> ECON 6610 Microeconomics	<input type="checkbox"/> ECON 7007 Macroeconomic Theory I	<input type="checkbox"/> MATH 5040 Stochastic Processes & Sim I
<input type="checkbox"/> ECON 6620 Macroeconomics	<input type="checkbox"/> ECON 7008 Macroeconomic Theory II	<input type="checkbox"/> MATH 5050 Stochastic Processes & Sim II
<input type="checkbox"/> ECON 6500 Monetary Theory & Policy	<input type="checkbox"/> ECON 7561 Economic Development II	<input type="checkbox"/> MATH 6010 Linear Models
<input type="checkbox"/> ECON 6510 Intl Monetary Relations	<input type="checkbox"/> ECON 7251 Advanced Environmental Econ	<input type="checkbox"/> MATH 6020 Multivariate Models
<input type="checkbox"/> ECON 6260 Energy Policy	<input type="checkbox"/> ECON 7150 Labor/Gender I	<input type="checkbox"/> MATH 6070 Mathematical Statistics
<input type="checkbox"/> ECON 6190 Health Economics	<input type="checkbox"/> ECON 7180 Labor/Gender II	<input type="checkbox"/> STAT 6960 Special Topics
<input type="checkbox"/> ECON 6250 Environment & Natural Resources	<input type="checkbox"/> ECON 7320 Advanced Health Economics	<input type="checkbox"/> ECON 7960 Special Topics

**3. RESEARCH PROJECT:** Students culminate their program of study by completing a research project. The project option requires completion of approved graduate course work with at least a 3.0 average; plus completion and oral defense of a research project for which three credit hours are granted.

### Research Project

- ECON 6955 Research Methods (minimum of 3 hours)

#### Economics Advisor:

Nicole O'Shea | 801-581-7481  
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#### Master of Statistics Program Coordinator:

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Note: course offerings are subject to change based on faculty availability, etc.