

# MASTER OF STATISTICS IN ECONOMETRICS

## ADMISSION REQUIREMENTS:

- Completion of a bachelor's degree with a cumulative GPA of 3.0 or better
- Program prerequisites: Calculus I, II, III; Intermediate Microeconomics (ECON 4010) and Intermediate Macroeconomics (ECON 4020)
- GRE scores in the 50th percentile or higher (official test scores must be received before application deadline)
- Minimum TOEFL score of 80—IBT (international applicants only)

## PROGRAM REQUIREMENTS:

- A minimum GPA of 3.0 is required for graduation
- Completion of core courses with a B– or better
- Completion of electives with a C– or better
- Minimum credit hours: 33
- Successful defense of a masters project

Visit [economics.utah.edu](http://economics.utah.edu) to apply. Application deadlines: April 1 (Fall) and Nov 1 (Spring). All application materials must be received by deadline to be considered.

As of Fall 2020

**1. MSTAT ECONOMETRICS CORE:** Must complete all 7 core courses. Graduate level courses in econometrics, probability/inference and methods are required of all students.

<i>Probability/Inference</i>
<input type="checkbox"/> MATH 5010 Intro to Probability
<input type="checkbox"/> MATH 5080 Statistical Inference I
<input type="checkbox"/> MATH 5090 Statistical Inference II

<i>Econometrics</i>
<input type="checkbox"/> ECON 7590 Econometrics
<input type="checkbox"/> ECON 7800 Econometrics I
<input type="checkbox"/> ECON 7801 Econometrics II

**2. ECONOMETRICS ELECTIVES:** Must complete any 10 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 6620 Macroeconomics
<input type="checkbox"/> ECON 6500 Monetary Theory & Policy
<input type="checkbox"/> ECON 6510 Intl Monetary Relations
<input type="checkbox"/> ECON 6260 Energy Policy
<input type="checkbox"/> ECON 6190 Health Economics
<input type="checkbox"/> ECON 6250 Environment & Natural Resources

<input type="checkbox"/> ECON 7007 Macroeconomic Theory I
<input type="checkbox"/> ECON 7008 Macroeconomic Theory II
<input type="checkbox"/> ECON 7561 Economic Development II
<input type="checkbox"/> ECON 7251 Advanced Environmental Econ
<input type="checkbox"/> ECON 7150 Labor/Gender I
<input type="checkbox"/> ECON 7180 Labor/Gender II
<input type="checkbox"/> ECON 7320 Advanced Health Economics

<input type="checkbox"/> MATH 5040 Stochastic Processes & Sim I
<input type="checkbox"/> MATH 5050 Stochastic Processes & Sim II
<input type="checkbox"/> MATH 6010 Linear Models
<input type="checkbox"/> MATH 6020 Multivariate Models
<input type="checkbox"/> MATH 6070 Mathematical Statistics
<input type="checkbox"/> STAT 6960 Special Topics
<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.

<i>Research Project</i>
<input type="checkbox"/> ECON 6955 Research Methods (minimum of 3 hours)

### Economics Advisor:

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### Graduate Program Director

Ellis Scharfenaker |  
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\* Indicates variability of the semester in which course is offered. Note: course offerings are subject to change based on faculty availability, etc.