**Master of Science in Economics**

<http://www.utdallas.edu/epps/eco/>

**Faculty**

**Professors**: Daniel G. Arce M., Kurt J. Beron, Rachel Croson, Catherine Eckel, James Murdoch, Todd Sandler, Barry J. Seldon, Donggyu Sul
**Associate Professors**:, Nathan Berg, Susan Williams McElroy, Kevin Siqueira
**Assistant Professors**: Rodney Andrews, Xin (Sherry) Li

**Mission**

The mission of the Master of Science in Applied Economics is to provide excellent graduate-level education in economics, with an emphasis on the development of theoretical understanding of economic phenomena, quantitative skills that can be applied to economic problems, and critical thinking to understand how best to apply economic theory and quantitative skills to real-world problems. Graduates of the Economics program will have an educational background that is conducive to employment in banking or financial institutions, insurance, consulting, corporate strategic planning, real estate, journalism, management, marketing, labor arbitration, regulation, environmental and urban and regional planning and quantitative analysis. Graduates may also choose to undertake further studies in Ph.D. programs in Economics, Political Economy, and Political Science, as well as additional studies in business or law.

**Facilities**

Students have access to the computing facilities in the School of Economic, Political and Policy Sciences and the University’s Computing Center. The School has two computing laboratories which have over 50 computers that are network linked and equipped with major social science software packages, including E-Views, R. Rats, SPSS and STATA. A computerized geographic information system, the Lexis Nexis database and Westlaw are also available for student use. The University’s Computing Center provides personal computers and UNIX Workstations. Many important data and reference materials are also available online via the library’s and school’s memberships in numerous organizations.

**Admission Requirements**

The University’s general admission requirements are discussed [here](http://www.utdallas.edu/dept/graddean/CAT2010/FIRST40/admissions.htm).

The master’s program in Economics seeks applications from students with a baccalaureate degree from an accredited university of college. A 3.0 undergraduate grade point average (on a 4.0 scale), and a combined verbal and quantitative score of at least 1200 on the Graduate Records Examination (GRE). Students may also wish to consider submitting their score from the writing component of the GRE test as additional evidence of their writing skills. Standardized test scores are only one of the factors taken into account in determining admission. Students should also submit all transcripts, three letters of recommendation, and a one-page essay outlining the applicant’s background, education and professional objectives.

**Prerequisites**

For the Master of Science in Economics, students with a Bachelor of Science in Economics and courses in calculus and matrix or linear algebra will have the necessary foundation in economics, statistics and mathematics. Students who lack this foundation should complete the following undergraduate courses at UT Dallas or their equivalents at another institution: ECON 3310 Intermediate Microeconomics, ECON 3311 Intermediate Macroeconomics, ECON 4351 Mathematical Economics, ECON 4355 Econometrics, and EPPS 3405 Introduction to Social Statistics, MATH 1325 Applied Calculus I, MATH 1326 Applied Calculus II, and MATH 2333 Matrices, Vectors, and their Applications in order to begin the program.

**Degree Requirements**

The University’s general degree requirements are discussed [here](http://www.utdallas.edu/dept/graddean/CAT2010/FIRST40/degree_prg_policies.htm).

Students seeking a Master of Science in Economics degree must complete 36 semester credit hours of work in the program. The program has three components: 12 hours (four courses) of Required Core Courses (listed below), 9 hours of Economics Electives and 15 hours of Other Electives. Students must consult with the Director of Graduate Studies of the Economics Program each semester in order to determine the approved Economics Electives and Other Electives each semester. Students must achieve at least a 3.0 grade point average in the required courses and an overall grade point average of 3.0 to graduate.

**Required Core Courses in Economics (12 hours):**

ECON 5321 Microeconomic Theory for Applications
ECON 5322 Macroeconomic Theory for Applications
ECON 6305 Mathematical Economics
ECON 6306 Applied Econometrics

Advising note: If the student intends to enter the Ph.D. program in Economics upon completion of the M.S. then he or she should consider taking ECON 6301 instead of ECON 5321 and ECON 6302 instead of ECON 5322.

**Economics Electives Courses (9 credit hours):**

Approved ECON courses numbered 5000 and above.

**Other Electives Courses (15 credit hours):**

Approved ECON courses numbered 5000 and above or approved graduate courses from other programs.

Advising note: If the student intends to enter the Ph.D. program in Economics upon completion of the M.S. then he or she should consider taking ECON 7301 Microeconomics Theory II and ECON 7302 Macroeconomic Theory II as electives.