THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF BUSINESS ADMINISTRATION

MASTER OF SCIENCE IN ECONOMICS WITH DATA ANALYTICS

OVERVIEW AND PROGRAM SNAPSHOT

The Department of Economics and Finance at UTEP offers a **Master of Science degree in Economics With Data Analytics** (MS Economics). This degree provides students with the opportunity to specialize in several areas, including applied econometrics, public economics, and regional economics. The degree also allows students to deepen their knowledge of data analytics and statistical programming.

The MS Economics degree is designed to provide students with the training necessary to compete for positions in the private and public sector in the fields of economics and data analytics. The program is also very useful for students who are interested in pursuing a Ph.D. in Economics but would like to further develop technical skills before applying.

Data Analytics Concentration

Economics has become a very quantitative discipline. Our graduates often find themselves competing with data scientists for positions. The data analytics track was designed to give our students an edge when competing for such positions. Upon completion, students will receive both an MS in Economics and a Graduate Certificate in Big Data Analytics.

For more information, please contact:
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CURRICULUM

Common Body of Knowledge (CBK): ECON 5305 (Applied Mathematical Economics), ECON 5302 (Microeconomic Theory), ECON 5303 (Macroeconomic Theory), and ECON 5370 (Applied Econometrics).

Data Analytics Concentration (32-hour):

• 12 hours of CBK
• 8 hours: Data Analytics
STAT 5329 (Statistical Programming);
STAT 5474 (Intro to Data Mining);
STAT 5195 (Graduate Seminar)
• 3 hours: Prescribed Electives
ECON 5371 (Forecasting) OR
ECON 5372 (Panel Data)
• 9 hours: Free electives

***Student who complete this track receive BOTH an MS in Economics and a Graduate Certificate in Big Data Analytics**

CURRICULUM MAP

Students will enter the program in the Fall semester and complete the program the following Fall (e.g., a 3 semester program).

FALL

ECON 5305	Mathematical Economics	3 Hours
ECON 5305	Microeconomics	3 Hours
ECON 5370	Econometrics	3 Hours

SPRING

ECON 5303	Macroeconomics	3 Hours
ECON 5371 (or 5372)	Forecasting or Panel Data	3 Hours
ECON 5330	Public Sector Economics (or another elective)	3 Hours
STAT 5195	Graduate Seminar	1 Hour

SUMMER

STAT 5329	Statistical Programming	3 Hours

FALL

STAT 5474	Data Mining	4 Hours
ECON 5334	Urban Economics (or another elective)	3 Hours
ECON XXXX	Final Elective (economics or related area)	3 Hours

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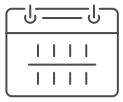

ADMISSION

Applications must be submitted to the Graduate School utep.edu/graduate/apply-now

- Online application for admission
- **Required:** Online application for admission, Official transcripts, Statement of Purpose, and GRE Scores (official scores may be waived on a case-by-case basis).

COST

In-State tuition and fees total $12,475 ($12,875) for the thesis track (data analytics track)

Cost of out-of-state (international) students is approximately 2.25x the in-state cost

***Note: Cost estimates are subject to change, depending on current tuition rates.**

DEADLINES

Fall Term
US/Mexican/Other International: July 15/May 1/April 1

Spring Term
US/Mexican/Other International: November 15/October 1/September 1

Summer Term
US/Mexican/Other International: May 1/February 1/January 1

NOTE: Most students will matriculate in the Fall. However, we will consider applications for Spring and Summer on a case-by-case basis.