**Program Curriculum**

UTSA’s MA in economics is a 33‐credit‐hour (11 courses) program that offers three concentrations – Business Data Analysis & Forecasting, Financial Economics, and General Economics.

**First Semester Courses**

Spring Semester: Complete two courses listed below

ECO 6103 Econometrics & Business Forecasting

ECO 6973 Behavior Econ & Finance (or ECO 6973 Bus & Economics Res Method)

**Second Semester Courses**

Summer Semester: Complete two courses from a list of available courses below ECO 5023 Managerial Economics

ECO 6953 Independent Study

STA 6033 Advanced Programming & Data Management in SAS

**Third Semester Courses**

Fall Semester: Complete four courses from a list of available courses below

**Required Core Courses**

ECO 6013 Microeconomic Theory

ECO 6113 Mathematical Economics

**Concentration Required Courses**

ECO 6303 Applied Econometrics (For Business Data Analysis & Forecasting Concentration) ECO 6403 Financial Economics (For Financial Economics Concentration)

**Free Electives**

A list of approved electives can be found in the UTSA graduate catalog

**Fourth Semester Courses**

Spring Semester: Complete three courses from a list of available courses below:

**Required Core Course**

ECO 6033 Macroeconomic Issues

**Concentration Required Course**

ECO 6973 Special Topic in Econometrics/Forecasting (For both Business Data Analysis & Forecasting Concentration and Financial Economics Concentration)

**Free Electives**

A list of approved electives can be found in the UTSA graduate catalog

Course **Description**:

**ECO 5023 Managerial Economics**

Prerequisites: ECO 5003 and MS 5003, or their equivalents. Application of price theory to economic decisions of the firm. A problem‐oriented approach emphasizing demand, production, and profit maximizing conditions, and their implications for output and pricing strategies under various market structures and types of organization.

**ECO 6013 Microeconomic Theory**

Prerequisite: ECO 5003, an equivalent, or consent of instructor. Introduction to advanced microeconomic theory and policy. Topics include theory of demand and consumer behavior, theory of production and cost analysis, market structures and pricing, and social welfare implications.

**ECO 6033 Macroeconomic Issues**

Prerequisite: ECO 5003, an equivalent, or consent of instructor. Introduction to advanced macroeconomic theory and policy. Topics include indicators of overall economic activity, various models of the economy and stabilization policies, economic growth, inflation and **unemployment**, models of consumption, investment, and trade and their impact on policy effectiveness. (Formerly ECO 5033. Credit cannot be earned for both ECO 6033 and ECO 5033.).

**ECO 6103 Econometrics & Business Forecasting**

Prerequisites: ECO 5003 and ECO 6113, their equivalents, or consent of instructor. Classical **and** advanced regression and forecasting methodologies, including analysis of simple and multiple regression models, hypothesis testing, smoothing procedures, autoregressive integrated moving average models for time series, forecast evaluation and combination. Application of computer assisted regression analysis and forecasting methods to business and economic problems.

**ECO 6113 Mathematical Economics**

Prerequisites: ECO 2013, ECO 2023, and MAT 1033, or their equivalents. An examination of mathematical methods used in economic analysis. Topics include linear algebra, calculus and optimization techniques, and their applications in economic theory and decision making.

**ECO 6303 Applied Econometrics**

Prerequisites: ECO 6013 and ECO 6113, or consent of instructor. Advanced topics in econometrics and their applications. Topics include panel data, discrete and limited dependent variable, nonlinear and dynamic models. (Formerly ECO 7303. Credit cannot be earned for both ECO 6303 and ECO 7303.).

**ECO 6403 Financial Economics**

Prerequisite: ECO 5003, an equivalent, or consent of instructor. Foundations in modern financial economics. Applies economic analysis to financial issues. Analytical methods to be discussed include inter‐temporal utility models and general equilibrium theory. Financial topics include mean‐variance frontier, capital asset pricing model, and arbitrage pricing theory.

**ECO 6943 Economics Internship**

Prerequisites: Graduate standing, 15 semester credit hours of graduate work, and consent of instructor. Internship must be approved in advance by the Internship Coordinator and the student’s Graduate Advisor of Record. Cannot count as an economics elective toward an M.B.A. with a concentration in Business Economics. Supervised full‐ or part‐time off‐campus work experience and training in economics. Individual conferences and written reports required.

**ECO 6953 Independent Study**

Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student’s Graduate Advisor of Record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the degree.

**ECO 6973 Behavior Econ & Finance**

Prerequisite: Completion of ECO 2013, ECO 2023, and MAT 1033, or their equivalents, with a grade of “C‐” or better, or consent of instructor, Department Chair, and Dean of the College. This course introduces the behavioral concepts and theories. Topics includes: prospect theory, biases in probabilistic judgment, and nudge theory. Issues on how to apply these behavioral concepts to real life focusing on improving decision making in health, financial wealth, and happiness are addressed.

**ECO 6973 Bus & Economics Res Method**

This course intends to provide guidelines for research in business and economics research from the initial stage to getting published. Illustrative examples are offered. Students will follow the process, from article reading, hypothesis formalization and testing, to article writing through the classes. At the end each student is expected to complete a paper.

**ECO 6973 Special Topic in Econometrics/Forecasting**

Prerequisite: ECO 6103 and ECO 6113, or consent of instructor.

May be repeated for credit, but not more than 6 semester credit hours will apply to a Master’s degree. This course discusses advanced econometric and forecasting techniques. Possible topics include, but not limited to, multiple time series analysis, forecast combinations, and big data economic forecasts with emphasis on real‐world applications.

**STA 6033 Advanced Programming & Data Management in SAS**

Prerequisite: An introductory course in computer programming or consent of instructor. Essential SAS programming concepts with a focus on data management and the preparation of data for statistical analysis: reading raw data from different sources, creating data files in various formats, creating and modifying SAS datasets, SAS libraries, formats, character and numeric functions, combining datasets, summarizing and displaying data, arrays and macros. Efficient programming techniques are stressed. (Formerly STA 5133. Credit cannot be earned for both STA 5133 and STA 6033.).

微信群：

