**ECONOMICS - ECO**

**ECO 503 Statistics for Managers**

*3 Credits*

This course covers statistical concepts and techniques emphasizing problem solving and interpretation: descriptive statistics, probability distributions, estimation, hypothesis testing, contingency tables, analysis of variance and simple regression analysis.

**Offered:** every fall, spring, & summer.

**ECO 504 Economics for Managers**

*3 Credits*

This course introduces students to fundamental concepts and analytical tools of microeconomics and macroeconomics. Included are demonstrations of how economics can be used as a practical tool for problem solving. Emphasis in the course is placed on the application of theory to both managerial and public policy decision making. The following principles are emphasized: optimization subject to constraints, opportunity cost, specialization and exchange, markets and equilibrium, marginal decision making, short-run versus long-run outcomes and the importance of real economic variables.

**Offered:** every fall, spring, & summer.

**ECO 526 Regression & Forecasting**

*3 Credits*

Builds on the tools of statistical inference to address issues of estimation and hypothesis testing encountered in regression and time series analysis.

**Prerequisite:** ECO 503 or MBA 503 or MBA 822.

**Offered:** every spring.

**ECO 611 Financing State & Local Government**

*3 Credits*

Municipal credit risk and municipal bonds analysis of revenue sources for state and local governments. Public/private sector interaction in urban areas, city-suburban fiscal disparity and competition, state/local government structure, inter-governmental relations. This course also serves as a Finance elective.

**Prerequisite:** MBA 526 or ECO 526.

**Offered:** occasionally.

**ECO 612 Geographical Info Sys for Bus**

*3 Credits*

An applied introduction to Geographic Information Systems (GIS), a mapping and spatial analysis tool that is widely used in education, government, and industry to solve spatial problems. This course combines lectures and hands-on exercises and provides students the opportunity to use ArcGIS software.

**Prerequisite:** MBA 504 or ECO 504.

**Offered:** occasionally.

**ECO 621 Money, Banking and the Economy**

*3 Credits*

The connection between financial markets, the economy, and the Federal Reserve will be explored. This course will examine the nature of financial markets, the determination of interest rates, banking, money and monetary policy. Emphasis will be placed on the impact of monetary policy on the macro economy.

**Prerequisite:** MBA 504 or ECO 504.

**Offered:** every fall.

**ECO 822 Statistics for Managers**

*3 Credits*

This course covers statistical concepts and techniques emphasizing problem solving and interpretation: descriptive statistics, probability distributions, estimation, hypothesis testing, contingency tables, analysis of variance and simple regression analysis.

**Offered:** every fall.