Managerial Economics

**MECO 6303 (SYSM 6319)** Business Economics (3 semester hours) Foundations of the economic analysis of business problems, with special emphasis on the operation of markets and the macroeconomy. Prerequisite: **MATH 5304** or equivalent. (3-0) S

**MECO 6311** Economics of Information Goods (3 semester hours) Analysis of the creation, production, pricing and distribution of products that are mainly informational in nature such as software, television, and web pages. Network effects, path dependence, the choice of standards, and the problems of public goods will be analyzed. Includes examination of the roles of patent and copyright laws in the creation of these goods and the impacts of unauthorized copying. Several case studies will be examined in detail. Prerequisite: **MECO 6201** or **MECO 6303** or consent of the instructor. (3-0) T

**MECO 6312** Applied Econometrics and Time Series Analysis (3 semester hours) A survey of techniques used in analyzing cross-sectional, time series and panel data with special emphasis on time series methods. Prerequisites: **MECO 6201** or **MECO 6303** or consent of the instructor. (3-0) T

**MECO 6313** The Business of Entertainment (3 semester hours) This course examines the economic factors at work in the entertainment industry. The revenue generation models used by the producers of motion pictures, programming for television, radio, and cable TV, as well as videogames and book publishing will be studied in detail. The impact of digitization on costs, the role of copying and copyright, network effects, peer-to-peer file sharing, the labyrinth of property rights, and digital rights management will be examined through the lens of economics. (3-0) T

**MECO 6315** Approaches to Statistical Inference (3 semester hours) Theory and methods of statistical inference. Classical estimation theory, classical hypothesis testing, Bayesian and alternative approaches to statistical inference, general linear model with applications, and computational methods. Topics may vary. Prerequisite: **OPRE 7310**. (3-0) Y

**MECO 6320** Econometrics (3 semester hours) Estimation and testing of multivariate econometric models; sets of regression relationships; simultaneous equation systems; applications of methods and models in the analysis of business and economic data. (3-0) Y

**MECO 6345** Advanced Managerial Economics (3 semester hours) Advanced economic analysis of consumer theory, production theory, exchange, and market interactions. Managerial topics such as: comparable worth, product standardization, environmental spillover effects, and imperfect competition. Prerequisite: **MECO 6201** or **MECO 6303** and consent of instructor. (3-0) T

**MECO 6360** Topics in Industrial Organization (3 semester hours) Issues in current research on the operation of firms and markets. Prerequisite: consent of instructor. (May be repeated for credit.) (3-0) T

**MECO 6v99** Special Topics in Managerial Economics (1-4 semester hours) May be lecture, readings, or individualized study. May be repeated for credit. ([1-4]-0) S

**MECO 7320** Advanced Econometrics (3 semester hours) Rigorous treatment of traditional econometrics methods, and introduction to both modern time-series econometrics and advanced non-linear models. Prerequisite: **MECO 6320**. (3-0) T

**MECO 7360** Topics in Econometrics (3 semester hours) Issues in current econometric research and practice. Prerequisite: consent of instructor. (May be repeated for credit.) (3-0) T