

MU Doctor of Philosophy in Business Administration (Ph.D)

The primary aim of the PhD program in Business Administration is to produce graduates who will have academic careers dealing with a diverse range of business subjects and challenges, teaching and conducting research. There will be a particular emphasis in this program on specific academic competencies, such as innovation/entrepreneurship, business and society, and advanced general management (including management and strategy). A key set of outcomes that will be associated with this program will be the success of our PhD graduates in teaching and conducting research in business associated with emerging economies.

COURSE MODULES

Required Graduate Business Foundation

ACC 5310 Financial Statement Analysis

An intensive study of financial statement analysis. Topics covered include: study of the basic accounting concepts and principles related to financial statement analysis; liquidity, solvency, and profitability analyses; sources of financial analysis information; personal financial statements.

BA 5310 Business Research Methods

The purpose of this course is to strengthen the student's ability to analyze a problem, locate resources, conduct an investigation and prepare a final written report. Must be taken during first semester of enrollment in a MBA or MS program. Written and oral presentations are integral components of this course.

Prerequisites: DS 5300 or concurrent enrollment.

BA 5390 Strategic Management

A study of the strategic management process dealing with the analysis of the firm in its global environment and the formulation, implementation, control and evaluation of strategies. Written and oral presentations are integral components of this course. Must be taken during final semester prior to graduation.

Prerequisites: Completion of all MBA Business Core courses.

ECO 5310 Managerial Economics

This course shows the student how to apply economic analysis to complex business decisions. Topics covered include: application of consumer and competitive firm theories; market organizations and structures; strategic pricing policies in regulated and unregulated domestic and international markets; and production possibilities and planning.

FIN 5310 Financial Management

This course focuses on the analysis, evaluation, and application of contemporary theories of finance. Material covered includes: the financial environment, valuation concepts, capital budgeting, capital structure and dividend policy, working capital management, issue in international finance, mergers and acquisitions, and long-term financing.

MGT 5310 Seminar in Management Concepts

A seminar in current foundation management concepts. This course includes theoretical and applied perspectives of management. Topics will include areas such as organizational behavior, organizational theory, leadership, ethics, human resource management and other relevant management topics.

MKT 5310 Seminar in Marketing Mgt

An analytical approach to the marketing management of the firm, emphasizing the development of competitive marketing strategies in a dynamic environment and implementation of marketing activities through methods, policies, and organizational structures.

Quantitative and Research Methods

Required Courses:

For students in Management, Management Information Systems and Data Analytics, and Marketing

BA 6310 Advanced Business Rsrch Meths

This course is intended to further develop the students empirical research skill set and examine current research tools outside the student's major.

Prerequisites: Consent of the instructor and the Graduate Advisor.

BA 6320 Research Iss in Intl Bus Adm

This course offers an intensive study of the evolution of international business thought and the present state of development of international business theory with emphasis on current contributions to international business theory. The course includes analysis of current topics, issues, and practices in the international business environment not covered in any of the other specialized study courses. It will prepare the student for the intellectual exploration of business in an international arena.

Prerequisites: Consent of the instructor and the Graduate Advisor

DS 6320 Multivariate Statistics

The objective of this course is to introduce powerful methods for understanding and obtaining managerial insight from multivariate data. Multivariate methods studied in the course include multiple regression, confounding and interaction in regressions, dummy variables, logistic regression and Poisson regression. The class will also examine the data, interdependent techniques, and dependent techniques.

Prerequisites: Consent of the instructor and the Graduate Advisor.

For students in Accounting and Finance

BA 6320 Research Iss in Intl Bus Adm

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Prerequisites: Consent of the instructor and the Graduate Advisor.

FIN 6335 Intro to Fin Econometrics

This course covers classical linear regression including methodologies and techniques associated with problems of heteroskedasticity and serial correlation. The course also includes topics in probability theory, matrix algebra, statistics and principles of maximum likelihood estimation/quasi maximum likelihood estimation.

Prerequisites: Consent of instructor.

Select two courses based on concentration from the following:

Accounting

BA 6310 Advanced Business Rsrch Meths

This course is intended to further develop the students empirical research skill set and examine current research tools outside the student's major.

Prerequisites: Consent of the instructor and the Graduate Advisor.

FIN 6340 Adv Financial Econometrics

The class covers the following topics: panel regression including random effects, fixed effects and dynamic panel models, quantile regression, generalized method of moments estimation, propensity score matching and difference-in-difference models, non-parametric density estimation including kernel and nearest neighbor methods, regression discontinuity models, instrumental variable regression including 2 SLS and 3 SLS and introduction to bootstrapping.

Prerequisites: FIN 6335

Finance

FIN 6340 Adv Financial Econometrics

The class covers the following topics: panel regression including random effects, fixed effects and dynamic panel models, quantile regression, generalized method of moments estimation, propensity score matching and difference-in-difference models, non-parametric density estimation including kernel and nearest neighbor methods, regression discontinuity models, instrumental variable regression including 2 SLS and 3 SLS and introduction to bootstrapping.

Prerequisites: FIN 6335

FIN 6350 Times Series Econometrics

This course will include the following topics: stochastic processes, stationarity/ergodicity, autocorrelation and serial correlation, ARMA models, vector auto-regression, GARCH/ARCH/EGARCH models, unit roots, cointegration, regime dependent models, forecasting.

Prerequisites: FIN 6335 and FIN 6340

Management and Marketing

BA 6330 Advanced Regression Models

The topics to be included in this class are the following: Statistical inference (maximum likelihood estimation, least-squares estimation, subset selection methods, fitting and test of models, association and causality, statistical vs. deterministic models, graphical analysis and visualization, correlations, confounding and interaction, dummy variables, analysis of co-variance, diagnosis, polynomial regression, ordinal logistic regression, poisson regressions, times series analysis and panel data.

Prerequisites: Consent of the instructor and the Graduate Advisor.

BA 6330 Advanced Regression Models

The topics to be included in this class are the following: Statistical inference (maximum likelihood estimation, least-squares estimation, subset selection methods, fitting and test of models, association and causality, statistical vs. deterministic models, graphical analysis and visualization, correlations, confounding and interaction, dummy variables, analysis of co-variance, diagnosis, polynomial regression, ordinal logistic regression, poisson regressions, times series analysis and panel data.

Prerequisites: Consent of the instructor and the Graduate Advisor.

Management Information Systems and Data Analytics

BA 6335 Advanced Qualitative Modeling

Applies qualitative modeling methods and techniques to the study of international business administration.

Prerequisites: Consent of the instructor and the Graduate Advisor.

BA 6345 Variance-Based Strc Eq Model

Applies variance-based research methods and techniques to the study of international business administration.

Prerequisites: Consent of the instructor and the Graduate Advisor.

International Business Administration

ACC 6310 Seminar in Intl Accounting

This course will include the following topics: Accounting uniformity (harmonization and implementation of IFRS), comparative studies considering topics like culture, economy, institutions.

Prerequisites: Consent of the instructor and the Graduate Advisor.

ECO 6310 Seminar in Intl Economics

The course will include international economic material such as comparative advantage, gravity models, firm-level analysis of trade and foreign investment. Practical examples of identification and estimation. Econometric models such as probit/logit, tobit, multinomial logit, corner and selection models and Hausman tests. Microeconomic topics such as supply and demand and market equilibrium, utility functions and constrained optimization, game theory and models of monopoly and oligopoly.

Prerequisites: Consent of the instructor and the Graduate Advisor.

FIN 6310 Seminar in Intl Finance

The class will include the following topics: Exchanges rates (concepts, theories), international markets (stocks, bonds, currency, spot, futures, options, swaps, market efficiency, forecasting), international capital structure, international corporate governance, international asset pricing, international diversification (merger and acquisitions, home bias).

Prerequisites: Consent of instructor and the Graduate Advisor.

MGT 6310 Seminar in International Mgt

A seminar acquainting the student with the functions, problems, and decision-making processes of multinational business organizations. Representative cases are used as a basis for decisions. The course also exposes students to current journal articles as well as classic works in international management.

Prerequisites: Consent of instructor and the Graduate Advisor.

MIS 6310 Seminar in Global Systems Mgt

Managing in an information-intensive environment requires skills and knowledge of business and systems change. This course teaches strategies for aligning a firm's information systems with rapidly changing business environments, taking both the perspective of organizational and technical issues. In addition, this course has a major emphasis on IT leadership and the skills necessary to be a successful leader in information-intensive, global environments. This course focuses on the interdependence between organizations, people and information technology by examining several key areas, from both a global and an organizational perspective, including: Managing Business Process Redesign and Software Development Managing Projects and Changes Information Technology and Leadership Managing Enterprise Information Systems

Prerequisites: Consent of the instructor and the Graduate Advisor.

MKT 6310 Seminar in International Mkt

This course is an examination of current international marketing research with emphasis on understanding of theory, concept development, research design and analysis of research results.

Prerequisites: Consent of the instructor and Graduate Advisor.

Dissertation Research

BA 6399 Dissertation Research

This course will prepare Ph.D. students to write and defend a dissertation in the field of international business and specialty areas through completing a research project appropriate for a doctoral graduate.

Students must maintain continuous enrollment after passing comprehensive examinations and admission to candidacy. The course is graded as "In Progress." No credit will be assigned until dissertation has been completed, successfully defended, and filed with the Ph.D. Program Director.

Prerequisites: Successful completion of all components of the program's Comprehensive Examination.

Credits: 6