

Business Administration/Finance, Ph.D.

FOX SCHOOL OF BUSINESS AND MANAGEMENT

Learn more about the Doctor of Philosophy in Business Administration.

About the Program

The Finance Ph.D. program is a specialization within the Ph.D. program in Business Administration. The Finance program prepares students for careers in teaching and research.

Time Limit for Degree Completion: 7 years

Campus Location: Main

Full-Time/Part-Time Status: Full-time study is required.

Accreditation: All Fox School of Business and Management graduate programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

Job Prospects: The program is primarily dedicated to producing well-trained researchers who will work in academic positions.

Non-Matriculated Student Policy: Non-matriculated students are not permitted to take doctoral courses.

Financing Opportunities: Typically, all Ph.D. students receive financial assistantship in the form of full tuition remission and a stipend in return for offering services as a Research Assistant (RA) or Teaching Assistant (TA). The level of support is based on the concentration, the applicant's qualifications, and other competitive considerations. Students may also receive remuneration for conference travel, publications, and academic achievement.

Admission Requirements and Deadlines

Application Deadline:

Fall: December 15 for Fellowship consideration, rolling thereafter

APPLY ONLINE to this Fox graduate program at <https://fox.secure.force.com/SiteLogin/>.

Letters of Reference:

Number Required: 2

From Whom: Letters of recommendation should be obtained from evaluators, typically college/university faculty or an immediate work supervisor, who can provide insight into your abilities and talents, as well as comment on your aptitude for graduate study.

Coursework Required for Admission Consideration: A year of college-level calculus is a prerequisite for the Ph.D. program in Finance.

Master's Degree in Discipline/Related Discipline: A degree in business, economics, or a related area is expected. An alternative is an equivalent research background.

Bachelor's Degree in Discipline/Related Discipline: All applicants must present credentials that are the equivalent of the appropriate baccalaureate degree at Temple University.

Statement of Goals: Approximately 500 to 800 words include your specific interest in Temple's program; your research goals; your future career goals; and your academic and research achievements.

Standardized Test Scores:

GMAT/GRE: Required. GMAT scores are preferred; in some cases, GRE scores may be substituted. In general, scores above the 85th percentile are expected on each portion of the exam.

Applicants who earned their baccalaureate degree from an institution where the language of instruction was other than English, with the exception of those who subsequently earned a master's degree in a country where the language of instruction is English, must report scores for a standardized test of English that meet these minimums:

- TOEFL iBT: 100
- IELTS Academic: 7.0

- Duolingo: 110
- PTE Academic: 68

Resume: Current resume required.

Program Requirements

General Program Requirements:

Number of Credits Required to Earn the Degree: 54

Required Courses:

Code	Title	Credit Hours
Concentration Pro-Seminar		
FIN 9090	Spec Topic Finance	3
Concentration Seminars		
FIN 9001	Corp Finance Theory	3
FIN 9002	Empirical Research in Corporate Finance	3
FIN 9005	Empirical Asset Pricing	3
Theory and Research Methods Courses		
BA 9103	Econ Theory of Choice	3
BA 9104	Game Theory	3
BA 9105	Bus Rsrch Econometrics I	3
BA 9106	Bus Rsch Econometrics II	3
BA 9108	Capital Markets Research	3
BA 9203	Financial Economics	3
BA 9205	Information Economics	3
BA 9209	Business Econometrics III	3
STAT 8112	Statistical Methods for Business Research I	3
Select 3 additional courses with the approval of the Finance Ph.D. advisor		9
Research Courses		
BA 9994	Preliminary Examination Preparation	1
BA 9998	Pre-Dissertation Research	1
BA 9999	Dissertation Research	2
Select additional credits of BA 9994, BA 9998, and/or BA 9999		2
Total Credit Hours		54

Culminating Events: A committed student can complete the Finance Ph.D. in five years by adhering to the following schedule:

- Complete coursework in Economics, Finance, and Statistics in the first two and a half years.
- Take the competency exam in Economics and Statistics at the end of the first year. See details in "Statistics Competency Examination" below.
- Complete and present two research papers at the end of the first and second year. See details under "Research Paper and Presentation Requirements" below.
- Take the Finance Ph.D. comprehensive exam in the third year. See details for the "Comprehensive Examination" below.
- Work on dissertation, revise and submit research papers to conferences and journals, and develop teaching skills during the fourth and fifth years.

Statistics Competency Examination:

An assessment of proficiency in statistical theory and methodology is made at the end of the first year in the program. Students who fail the Statistics competency exam on the first attempt must sit for reexamination prior to the Fall term of their second year. A second failure results in dismissal from the program. No third attempt is permitted.

Research Paper and Presentation Requirements:

Ph.D. students in Finance are required to complete a first-year research proposal by the end of September in the second year. They must also complete a research paper in their second year. The deadline for presentation of papers at the Finance Department's internal seminar is Fall of the third year. After each presentation, a committee of Finance faculty evaluate whether the student has completed the paper and presentation requirement with satisfaction.

Comprehensive Examination:

Ph.D. students in Finance are required to pass a comprehensive exam in February of the third year. The exam is designed to test whether the student has a comprehensive and integrative understanding of the theories, methodologies, and empirical findings in the field of finance. It primarily focuses on the knowledge gained in the concentration seminars and theory courses, although other pertinent materials may also be included in the comprehensive exam.

Contacts

Program Web Address:

<https://www.temple.edu/academics/degree-programs/business-administration-phd-bu-ba-phd>

Department Information:

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 1810 N. 13th Street
 Philadelphia, PA 19122-6083
 foxphdoffice@temple.edu
 215-204-7677
 Fax: 215-204-5698

Submission Address for Application Materials:

<https://fox.secure.force.com/SiteLogin/>

Department Contacts:

Admissions Coordinator:

Cailin DiGiacomo
 c.digiacomo@temple.edu
 215-204-0314

Concentration Advisor:

Connie X. Mao
 416 Alter Hall
 cmao@temple.edu
 215-204-4895

Business Administration Courses

BA 5001. Industrial Organization for Business Strategy. 1 to 3 Credit Hour.

The course is an applied managerial economics course; industrial organization serves as a foundation for business management and strategy. The course provides the framework within which to study market equilibrium, firm and consumer behavior, and strategic interactions through the lens of firm and firm management. The tools of managerial economics are applied to study problems involving business strategy, industry evolution and dynamics, pricing methodologies, dealing with competitors, managing under uncertainty, asymmetric information, price discrimination, antitrust, auctions, and externalities.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5002. Socioeconomic Context of Business. 3 Credit Hours.

Today's business environment is full of challenges in the form of global competition, regulatory change, rapid technological change and domestic and international market instability. In this context, knowledge of both micro- and macro-economics is becoming an increasingly important tool for solving real world problems. This course is divided into two modules. In the first module, we delve into the microeconomics foundations of business. In the second module, we focus on domestic and global macroeconomics. Economics is a basic underpinning of firm strategy. Economics focuses on the role of markets, the economic behavior of consumers and enterprises, market efficiency, the role of the public sector, firm behavior and the organization of industry. We will discuss important ways in which markets fail, and the challenges and opportunities these market failures create for entrepreneurs and existing businesses. Macroeconomics involves the study of the performance of national economies and the policies that governments use to try to improve economic performance. In this section of the course, we will discuss key economic concepts and data such as GDP, employment, interest rates, inflation, business cycles, and exchange rates to better understand the meaning and significance of these data and their impact on the business environment.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5003. Legal and Ethical Foundations of Business. 3 Credit Hours.

Business leader's face values conflicts. This course analyzes economic and moral theories people use to assess whether proposed actions are right or wrong, good or bad, just or unjust. While moral theories can guide our thinking, we explore why they do not always guide our behavior. That brings us to the law. Laws constitute socially imposed incentives and disincentives to encourage people to do what society deems "right". In that way, law represents substantive decisions by the state that are values-based and do not necessarily yield just results. In this course, we come to understand that our laws are not without moral import and that ethics must inform the law because the law in and of itself does little work in informing what should be. It mostly speaks to what is.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5051. Enterprise Management Consulting Experience (EMC) I. 3 Credit Hours.

The EMC Practicum is an innovative hands-on learning experience involving faculty and students. During their practicum, cross-cultural student teams will assist firms or divisions on a live consulting project. MBA student teams will integrate course work, business experience, and primary and secondary research into highly professional market entry strategies or business plans.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5052. Enterprise Management Consulting Experience (EMC) II. 3 Credit Hours.

The EMC Practicum is an innovative hands-on learning experience involving faculty and students. During their practicum, cross-cultural student teams will assist firms or divisions on a live consulting project. MBA student teams will integrate course work, business experience, and primary and secondary research into highly professional market entry strategies or business plans.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5087. Leadership and Professional Development Practicum. .5 to 1.5 Credit Hours.

This academic content provides students with an understanding of human behavior in organizations and the means through which managers can influence that behavior. Specifically, the class considers key situations where the effective exercise of leadership can materially contribute to the achievement of strategic organizational objectives. Emphasis is placed on identifying and developing the personal skills and perspectives necessary to establish and maintain a leadership position, e.g., self-awareness and abilities in such areas as communication, decision-making, problem solving, and behavioral management. These skills are then applied through a carefully crafted practicum to facilitate acquisition of competencies through professional and career development opportunities and planned opportunities to exercise leadership with the context of the program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 5088. Ethical Decision Making in Business and Professional Development Practicum. .5 to 1.5 Credit Hours.

This academic content looks at business in the context of its various stakeholders, including shareholders, management, employees, customers, suppliers, government regulators, and local/national/global communities. It explores a range of issues from the role of business in society at large to the ethical dimensions of ordinary business decision-making. Emphasis is placed on identifying and developing the personal skills and perspectives necessary to engage in ethical decision making and leadership e.g., personal ethical behavior, facing ethical dilemmas, whistle blowing and ethical responses to unethical corporate practices. These skills are then applied through a professional development practicum to facilitate acquisition of competencies through professional and career development opportunities and planned opportunities to exercise ethical decision making within the context of the program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 5111. Globalization. 1.5 Credit Hour.

Gives students an understanding of the nature and complexity of the dynamic global environment that serves as the external context for the operations of international companies and that is an integral part of understanding international business. Explores the phenomena of globalization and the interdependence of nation states as they impact companies and industries throughout the world.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5112. Managing Risk. 1.5 Credit Hour.

Examines in detail the holistic risk management process from the perspective of an international corporation and defines what risk management is and why organizations have risk managers. Class discussion topics include ethical risk and insurance management practices, as well as administrative and strategic aspects of global corporate risk management such as drafting risk management policy statements, setting risk management goals, and examining how a risk manager operates within a complex international organization.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5113. The Valuation of Firms. 1.5 Credit Hour.

Introduces the use of accounting numbers for valuation for both external purposes, including investor models of firm value and credit risk assessment, as well as internal purposes, including project assessment and performance evaluation. Focuses specifically on an accounting review of fundamentals, firm valuation, cash flows, earnings, modeling financial distress, and using residual income to evaluate performance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5114. Entrepreneurial Thinking and Innovation. 1.5 Credit Hour.

Examines issues relevant for entrepreneurs engaged in start-up or early stage ventures as well as those important to managers and stakeholders of new ventures within established organizations, including concepts, skills, know-how, information, attitudes and alternatives. Focuses on two key success factors in new enterprise formation: the entrepreneur and his/her ability to create and recognize opportunities.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5115. Law and Ethics in Business. 1.5 Credit Hour.

Imparts a sense of when and how the legal system may affect business, particularly in the areas of contract, tort, and government regulation. Develops an appreciation of the fact that law and ethics seem many times in business to converge, while in other instances what is legal may not be ethically correct. Explores through discussion of business ethics case studies how such situations arise and how they might be resolved or prevented. Includes training for online research, especially in legal areas using Lexis-Nexis database, and practice in the art of making well-reasoned written and oral arguments.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5116. Information Technology Perspectives. 1.5 Credit Hour.

Provides through discussions of technological and organizational issues an overview of the basic concepts underlying the development and implementation of emerging information technologies that are reshaping businesses and business practices. Culminates in a case study development project.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5117. Managing People and Organizations. 3 Credit Hours.

Focuses on basic issues concerning the management of organizations and human resources, with major emphasis on critical analysis, problem solving and performance evaluation. Provides opportunities to improve managerial and leadership skills through verbal presentations, group work, and specific case analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5118. Strategic Performance Management. 3 Credit Hours.

This course has been designed to emphasize two fundamental issues in contemporary management practice: strategic cost analysis and management control. Strategic cost analysis deals with how managers' actions affect costs and revenues in a competitive context, and how financial and nonfinancial information can support decisions that enhance the value of the firm. Management control pertains to a study of systems designed for performance measurement and evaluation, rewarding and motivating employees, and coordinating business operations. The emphasis will be on transformational systems such as activity based costing and balanced scorecard.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5119. Real World Problems and Cases for Managers: An Interdisciplinary Approach. 3 Credit Hours.

The ability to analyze and respond quickly to pressing and often complicated problems is a critical skill set for successful managers and corporate leaders. This interdisciplinary course is designed to increase student confidence and competence in "casing" to prepare for business problems likely to be faced in job interviews and future employment. The focus will be on honing analytical techniques and skills necessary to identify, develop, and implement solutions to significant business problems. Students will analyze several cases and a live business project. The course expands upon knowledge and skills offered in MBA core courses to further enhance student ability to address complex, real world situations.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5170. Special Topics. 1 to 6 Credit Hour.

Special topics courses are developed to cover emerging issues or specialized content and they do not repeat material presented by regular semester courses.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 5180. Special Topics. 1 to 6 Credit Hour.

Special topics courses are developed to cover emerging issues or specialized content and they do not repeat material presented by regular semester courses.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5182. Independent Study. 1 to 6 Credit Hour.

Study in particular aspects of business administration under the direct supervision of a graduate faculty member. No more than six semester hours of independent study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5187. IMBA Practicum: Corporate Visits and Mentoring. 1 to 6 Credit Hour.

This practicum consists of selected visits to a variety of multinational corporations in Europe, Asia and Philadelphia. Students are exposed to senior officials who outline the factors that go into their international strategic decision making. These interactive sessions, which include question and answer periods, are designed to provide real world insights to corporate behavior and to highlight factors that are important in the international arena. In addition, students may engage in team projects during their summer practicum in Asia.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5190. Special Topics. 1 to 6 Credit Hour.

Special topics courses are developed to cover emerging issues or specialized content and they do not repeat material presented by regular semester courses.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5282. Independent Study. 1 to 3 Credit Hour.

Study in particular aspects of business administration under the direct supervision of a graduate faculty member. No more than six semester hours of independent study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5287. Fox Management Consulting Practicum. 3 Credit Hours.

The Fox Management Consulting Practicum is the capstone experience for the Fox MBAs. It is designed to integrate and apply concepts and skills learned across the entire MBA. In the capstone, students combine theory, evidence and experience to analyze and solve a strategic challenge in a rigorous, thoughtful way. This course is designed to help students structure unstructured strategic challenges; develop the ability to recognize and assess strategic opportunities; conduct top-notch market, industry and competitive analysis; foresee strategic implementation issues; support strategic recommendations with financial decision models; manage clients and teams; and lead change by generating support for the recommendations. This course is also designed to produce useful, commercial-grade results for clients - who help in providing a rich and consequential learning opportunity for students.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Master of Business Admin.

Repeatability: This course may not be repeated for additional credits.

BA 5387. Advanced Professional Development Strategies. .5 to 3 Credit Hours.

CSPD Advanced Professional Development Strategies is designed to help graduate students connect past education, current education and professional experience to rewarding career opportunities. Doing so will require the same professionalism and competencies that are important to employers: an open mind, strong organization skills, persistence, and attention to detail.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 5388. Enterprise Management Consulting Practicum. 3 to 6 Credit Hours.

The Enterprise Management Consulting Practicum (EMC) is a capstone experience that integrates MBA class work and applies that integrated knowledge to evidence-based and theoretically informed strategic consulting for real firms. This experience is designed to help students apply competencies and skills acquired in the MBA program to recognize and assess strategic opportunities; conduct top-notch industry and competitive analysis; foresee and manage strategic implementation and control issues; and lead change by generating support for recommendations. This experience is also designed to produce useful results for real firms with very real problems, noteworthy uncertainties and challenging timelines. These objectives are accomplished by combining readings, discussion, business analysis, coaching from project managers and an advisory board, and commercial-grade work on real projects. The case studies and readings provide the conceptual foundations required to manage strategically and consult effectively. The projects offer opportunities to apply and refine your emerging conceptual skills. The faculty, project manager and advisor coaching lends the support and insight necessary to perform at the highest level.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5389. Global Immersion Experience. 1 to 6 Credit Hour.

This course provides field experience in an emerging market economy that allows students an immersive experience in which they observe firms and participate in short term projects to provide a much greater understanding of the application of MBA coursework in assessing the strategic landscape of the destination country.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Master of Business Admin.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 5411. Business Fundamentals I. 3 Credit Hours.

A two-week, intensive course prepares new students for the Fall semester by giving an overview of critical business practices - namely ethical behavior and influential communication - as well as addressing current business issues with industry professionals. In addition to laying a foundation for the coursework in the program, this course will explore fundamental issues that permeate all course content, such as ethics and legal compliance, persuasive organizational communication, and current events impacting the domestic and global economy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5412. Business Fundamentals II. 3 Credit Hours.

This course is an overview of industry, allowing students to develop a business vocabulary conducive to discussion of critical issues facing businesses in today's global economy. Business is explored by examining its place within a national and global system, and the typical structures that influence commerce. Students will be exposed to current issues associated with the central management functions of marketing, strategy, finance, accounting, human resources, information systems, and operations. In addition, students will discuss ethical and social issues with regards to their impact on businesses. Underpinning these discussions will be an understanding of basic macro and micro economic concepts.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5486. Capstone Experience: Internship. 3 Credit Hours.

The MiM internship is a practical work experience that will typically lead to full-time employment. The experience comes at the end of the program, such that the student has the opportunity to apply classroom learning in a workplace setting related to their desired career field. Students use models of critical and reflective thinking to merge classroom theory with their practical experience. This course will provide you with opportunities important to your future. Over the course of the semester, you will gain firsthand, real-world experience that will help you enhance your skills and knowledge, build your professional network, and explore potential career paths.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5487. Capstone Project. 3 Credit Hours.

The MiM project course may be chosen as a substitute for Internship (BA 5486). The course integrates all previous MiM classwork and applies that integrated knowledge to solving a strategic problem in an evidence-based and theoretically informed way. The primary focus of the course is to enable practical application of all previously learned MiM concepts through student teams engaging with actual clients or industry experts to solve real world challenges. This course is designed to help you develop your ability to recognize and assess strategic opportunities; conduct top-notch market, industry and competitive analysis; foresee strategic implementation issues; and lead change by generating support for your recommendations. This course is also designed to produce useful results for coping with both very real strategic problems and noteworthy uncertainties.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5601. Corporate Instructional Design Theory. 3 Credit Hours.

Most training programs are built with highly interactive and complex technology. Use of industry standard tools to deliver training requires a foundation in the principles of instructional design. This course introduces theories and methods in the field of instructional design and how these are applied to building and delivering training with industry standard technology. In this course, students will learn to utilize the industry's most prominent method/theories for project scoping and development of organizational training. Defining the business need, identifying the project scope, accommodating various adult learning styles, audience analysis, delivering effective virtual training will be reviewed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5602. Managing Multimedia and Web Development for Instructional Design. 3 Credit Hours.

This course will build students' technical skills in multi-media development and web design. Proper visual design and implementation of technology facilitates the user experience. Students will learn how to merge technical skills with a design theory to present information in usable ways for users. Students will review the fundamentals of how to manipulate images, documents and videos using industry standard software in order to create effective and engaging training deliverables. Taking what they have created, students will design a comprehensive website to display and manage a training solution. Additionally, students will look at how to use technology to leverage an organization and meet its training and development needs to drive engagement and growth. Students will review the fundamentals of how networks and the internet work, specifically noting the need and use of a Learning Management System in the workplace. This course offers a hands-on experience in building a webpage using HTML/CSS and administering information to a company through an LMS/CMS.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5603. Authoring. 3 Credit Hours.

Students will demonstrate the basic elements of current authoring software(s) used to develop simulations and training for today's corporate industries. Students will use the basic framework of these programming systems to customize training modules according to the needs and desired outcomes of an organization. The deliverables in this course will be original training programs developed by the student and evaluated in terms of good design, and an emphasis on functional user interface and effectiveness for training.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5604. Instructional Design Learning Analytics. 3 Credit Hours.

Data is constantly created. Understanding what that data means and how to leverage the results is a critical skill that the Instructional Designer must possess. Students will demonstrate how learning analytics must be incorporated within the design and development processes to adjust deliverables as needed and fit the learning needs of the audience. Data extraction and measurement of outcomes provide the instructional designer with insight on how effective the product was and how to build and implement improvements. Students will learn how to measure outcomes, clean and interpret data and report results to the client in a meaningful way. Also addressed, the role of adaptive learning and how analytics can help to design adaptive learning spaces for eLearning modules. The LMS and how data is pulled and used from these systems will be discussed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5651. Business Analytics Capstone. 3 Credit Hours.

The course is designed as the capstone experience for the MS in Business Analytics program and, as such, synthesizes all of the learning from previous coursework in this program. Student groups are paired with firms and work as consultants to provide data analytic solutions. This will allow students a first-hand perspective on decision making by management and understanding the organizational implications.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 5685. Internship or Externship in Business. 1 to 3 Credit Hour.

This course is an independent study in which students will apply their business knowledge in a "real-world" context such as an internship or externship as part of a project for an employer. Therefore, this course presents the opportunity to reinforce and augment what students have learned in the classroom. This course is a hands-on experience aimed at preparing the student for work in a business-oriented career. As an individualized experience, the particular skills and concepts upon which students will draw will differ depending on the particular project and company.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for a total of 6 credit.

BA 5687. MS Advanced Professional Development Strategies. 0 Credit Hours.

Your academic education and your ongoing professional development will influence your career with unerring certainty. Because the personal stakes associated with managing one's career are high, the topics in this course involve more than "intellectual" comprehension. Accordingly, this course will focus on selected aspects of 1) career exploration; 2) the internship and job search and; 3) the "unwritten rules of engagement" in the professional work environment.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5751. Multinational Management and Policy. 3 Credit Hours.

Enhance the diagnostic and problem solving capabilities of decision-makers when confronted with a variety of strategic and/or operational problems in a diverse set of domestic and international environments and situations. Integrate material from functional and general management courses and apply it in the diagnosis and solution of problems that require an integrated company-wide approach. Relies heavily on the case study approach and builds on the Fall course of Management Processes in Global Corporations. Note: Enrollment limited to students in the IMBA program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5800. Special Topics. 3 Credit Hours.

Special topics courses are developed to cover emerging issues or specialized content and they do not repeat material presented by regular semester courses.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5801. Industrial Organization and Corporate Strategy. 3 Credit Hours.

Today's executives face an array of commercial problems, a need to develop winning corporate strategies, and the capability to seek practical solutions to critical business issues. The primary focus of this course is on the application of principles of industrial organization to the development and evaluation of corporate strategy. The course will be taught from the perspective of a current executive. In this course, you will examine market function, consumer and firm behavior, and implications for market efficiencies. You will examine how knowledge of markets can be used to establish competitive position. You will use national accounting data to analyze the influences of governmental fiscal, monetary, and trade policies, employment, interest rates and economic growth (or decline) on the executive's options in making key strategic decisions. Realistic short business case study examples are provided demonstrating the power of combining the knowledge of economics with analytical tools that yield valuable insights to solve an array of specific internal commercial problems.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

BA 5804. Global Enterprise Mgt. 3 Credit Hours.

Learn about multinational business firms and the strategies used to gain competitive advantage in international markets. Develop analytical techniques for studying problems facing multinational firms and designing systems for managing multinational enterprise.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5851. Strategy Formulation and Administration. 3 to 4 Credit Hours.

Participate in an interactive learning experience while examining the functions, role and skills of top-level executives. Knowledge gained and analytical methods used, in prior courses will be used in analyzing cases from the perspective of the chief executive. Implementation of strategies will be a primary focus. Enrollment limited to students in the Executive M.B.A. program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 5882. Independent Study. 1 to 6 Credit Hour.

Study in particular aspects of business administration under the direct supervision of a graduate faculty member. No more than six semester hours of independent study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5890. Special Topics. 1 to 6 Credit Hour.

Special topics courses are developed to cover emerging issues or specialized content and they do not repeat material presented by regular semester courses.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 5955. Policy Formulation and Administration. 3 Credit Hours.

Policy and strategy decision-making roles of top-level managers. Total enterprise problems involving integration of organization objectives, relationships between organization objectives and societal values, policy formulation, corporate strategy, and implementation of top management decisions. Limited to students admitted to MBA program prior to Fall 2005. Note: Intended to be taken in the final semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 8985. Teaching in Higher Education: Business. 3 Credit Hours.

This course is required for any student seeking Temple University's Teaching in Higher Education Certificate. The course focuses on the research on how people learn best teaching practices, with the aim of preparing students for effective higher education teaching. All educational topics are considered through the lens of teaching in particularly scholarly areas or disciplines. Course instructors will model innovative teaching methods and uses of technology throughout the semester, providing an experiential component to the learning. The course specifically focuses on the application of the course content to the teaching of courses in business and management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9001. Organizations and Management Theory. 3 Credit Hours.

This course acquaints students with classic works, current representative theories, and empirical research in the fields of organization behavior and management. Material is grouped into twelve perspectives/topic areas: bureaucracy, scientific management, human relations, contingency theory, lean & quality management, transaction cost theory, network approach, national culture, human resource development, power & politics, labor process, and complexity/chaos theory. Emphasis is on understanding the range of approaches in these fields and developing critical analysis skills.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9002. Scientific Inquiry-Management Research. 3 Credit Hours.

This course examines the nature and logic of empirical science, with particular attention to theoretical and applied business research. Topics include: the scientific method, positivism, paradigms, interpretive approaches, postmodernism, and critical research. The course also introduces a range of methods and techniques current in business research, including "grounded theory," measurement, interviewing, survey design, case studies, causal modeling, longitudinal and historical analysis, experiments, and research ethics. Students are asked to apply each of the course topics to the design of research on a topic of their own choosing. There is also a laboratory session in the use of the SPSS statistical package to analyze quantitative data.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9003. Seminar in Organizational Behavior. 3 Credit Hours.

The purpose of the course is to provide foundation knowledge in Organizational Behavior, including classic and contemporary theories, ongoing controversies, and ground-breaking empirical studies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9090. Special Topics in Business Administration. 1 to 6 Credit Hour.

Content varies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9101. Getting Your Hands Dirty: The Craft of Data Management and Analysis. 3 Credit Hours.

This methods course launches doctoral students into the craft of empirical research, enhancing proficiency in research work and nurturing ambitious research projects. The course introduces students to computational approaches to data management and analysis. Students will gain foundational skills in using Python for data collection and manipulation, as well as for constructing novel variables with text analysis, network analysis, and machine learning. The end result will be an original dataset ready for statistical analysis, corresponding to the student's research interests.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9102. Professional Communication Skills for Graduate Students. 0 Credit Hours.

The PhD Professional Communication course consists of two skill level-based tracks focused on learning professional communication skills and writing intensive skills. The first 7 weeks are for intermediate level students (recommended for first and second year students), and the second 7 weeks are for advanced level students (recommended third year or higher). Students will be instructed in verbal skills, clarity in speaking, the formal elements of live and virtual presentations, professional presence, and academic and industry appropriate writing instruction to supplement their existing knowledge. The goal is to develop students' professional communication skills, both academically and professionally. Students will attend synchronous (live) sessions once a week with other students and the instructor. The course will also deliver high-quality video content that students can use independently and with which they can supplement their coursework. Each week students will submit a deliverable and receive individual feedback and additional guidance. The course aligns closely with the Ph.D. Communication Initiative to evaluate students' current competencies and ensure they have the resources needed to stay competitive at the global level. The asynchronous components are customized for PhD and DBA students, and are made available to doctoral students at both the Fox School and to doctoral students across Temple University's various colleges. Additionally, a repository of resources (e.g., videos, practice materials, and references) will be available for students to draw from throughout their Temple education.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9103. Econ Theory of Choice. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9104. Game Theory. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(BA 9103|Minimum Grade of B-|May not be taken concurrently)
AND (STAT 8001|Minimum Grade of B-|May not be taken concurrently)

BA 9105. Bus Rsrch Econometrics I. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9106. Bus Rsrch Econometrics II. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9108. Capital Markets Research. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

BA 9103|Minimum Grade of B-|May not be taken concurrently.

BA 9183. Directed Study in Business. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

BA 9201. Quant Methods in Bus Res. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

STAT 8002|Minimum Grade of B-|May not be taken concurrently.

BA 9202. Qualitative Research Methods. 3 Credit Hours.

Methods constitute the "lenses" through which scholars view their empirical phenomena. And different methods afford clearer views of different phenomena. Qualitative methods in particular have produced some of the most influential scholarly works within several domains of business research. As consumers, producers, and reviewers of such research, it is therefore important that doctoral students develop greater facility with these methods. The intents of this seminar are thus to help participants add a qualitative lens to their scholarly toolkits -- and to identify the empirical phenomena within their domain of study that are most clearly seen through qualitative methods. At the end of this seminar, participants should expect to have a sophisticated understanding of qualitative research and the resources needed to conduct and publish high-quality scholarship. This seminar is relevant to any doctoral student seeking to better understand human behavior in complex systems, but focuses primarily on organizational contexts. Thus, although the methods being taught are widely applicable, the exemplar articles and best practices for data analysis and publication will be most relevant to business administration students. Participants should expect wide exposure to business administration phenomena, with readings drawn from domains such as organizational behavior, strategy, management information systems, marketing, international business, hospitality, tourism, accounting, and finance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9203. Financial Economics. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9205. Information Economics. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(BA 9103|Minimum Grade of B-|May not be taken concurrently)

AND (BA 9104|Minimum Grade of B-|May not be taken concurrently)

AND (STAT 8001|Minimum Grade of B-|May not be taken concurrently)

BA 9207. Quantitative Research Methods II. 3 Credit Hours.

This course provides an overview of intermediate quantitative research methods used in the social sciences. Topics include theory of measurement, types of measures, measurement validation, power analysis, experimental designs and analysis of experimental data, survey design and analysis of survey data, and collection and analysis of archival data. The course includes a project that focuses on the design, development, and testing of theoretical models using experimental, survey, or archival data. The project includes an important research topic, a set of testable hypotheses, the empirical method to be used, data collection, data analysis, and interpretation of the results.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

BA 9201|Minimum Grade of B-|May not be taken concurrently

OR BA 9105|Minimum Grade of B-|May not be taken concurrently.

BA 9208. Quantitative Research Methods III. 3 Credit Hours.

This course aims to provide an overview of advanced quantitative research methods that are used in the social sciences. Topics include structural equation modeling (SEM), longitudinal modeling, multi-level modeling, causal modeling, polynomial regression models with response surface methodology, and emerging methods and tools for configuration theories.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

BA 9201|Minimum Grade of B-|May not be taken concurrently

OR BA 9105|Minimum Grade of B-|May not be taken concurrently.

BA 9209. Business Econometrics III. 3 Credit Hours.

BA 9209 is the third course in the econometrics series for doctoral students. It focuses on non-linear models and covers multiple practical situations in which classic linear methods are inappropriate. In particular, topics include sample selection and attrition models, treatment evaluation, duration analysis, and count data models. Also, several advanced estimation techniques such as GMM, bootstrap, and kernel regression will be discussed. Although the majority of lectures will be devoted to cross-sectional methods, the basics of time series analysis will also be covered. The assigned problem sets will include the analysis of practical situations requiring advanced econometric techniques as well as empirical exercises.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

BA 9106|Minimum Grade of B-|May not be taken concurrently.

BA 9212. Seminar in Global Finance and Governance. 3 Credit Hours.

The course introduces students to the basic academic literature in global finance and governance at a doctoral level and to selected advanced topics in this area. The aim is to prepare students to read the literature critically, to strengthen their independent skills, and to help them be ready to select topic in global finance and governance and related areas. Topics will be flexible to class needs but include corporate exchange risk management, international investments, global corporate governance, firm boundaries, financial and strategic issues of multinational firms, and others.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may not be repeated for additional credits.

BA 9801. Understanding the Firm through Management and Organizational Theory. 3 Credit Hours.

Understanding the shifts in business and their implications for organizations is essential to identifying new areas of study for the modern organization. Firms must adapt to their changing environments by adopting new strategies through analysis and understanding of internal and external contexts. This enhances organizational capability, which is required in order to maintain effectiveness and competitiveness in national, regional and global markets. This course examines the dynamics of complex, global organizations through the lens of foundational theory in management and organizational behavior, including: strategic management; theory of organizations and industries; and behavior of individuals, groups, and organizations in global settings. Students will learn to build on this foundational research by formulating new research questions that address emerging issues and challenges for the modern organization.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Business Admin.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

BA 9802. Scientific Inquiry through Applied Research. 3 Credit Hours.

What is research and how is it done? What is theory? What makes a study both practically relevant and of high-quality? This course addresses these questions through an exploration of the philosophy of science and applied scholarly research. It introduces the philosophy of scientific inquiry, common research approaches (e.g., quantitative and qualitative) and common perspectives (e.g., positivistic, interpretative, and critical). Students will learn the basic principles of theory development and testing as well as how to build a conceptual research model. This course takes an "engaged scholarship" perspective, with the aim to influence management practice through rigorous, applied study. Topics include identifying a research topic, forming theoretically-grounded research questions, conducting a literature review, and developing a plan for field work and data collection. This course enables students to identify and foster their personal research interests through a research proposal developed iteratively throughout the course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Business Admin.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

BA 9803. Navigating the Global Marketplace. 3 Credit Hours.

Global structures and institutions drive the strategic behavior underlying their business decisions. The reality of business today requires understanding and working within an industry's multifirm global value chain. Firms operating in the global marketplace must be responsive to and understand differences in political, legal, and economic systems between countries. This course explores the state-of-the-art research surrounding the contemporary global organization and serves as the foundation for applied research into the dynamics of strategy and competition within a global context. Topics include critical elements of global strategic operations including international trade, location of the multinational enterprise, innovation in emerging economies, market entry, and knowledge flows within the firm.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9806. Integrative Perspectives on Business Knowledge. 3 Credit Hours.

Conceptualizing the organization as a system of integrated, co-dependent elements facilitates new solutions that help an organization achieve its goals. To do this, business leaders must view issues from multiple disciplinary and functional perspectives. Through an integrated, systems-thinking approach, students will learn to address unstructured problems, decision-making under complexity, and organizational change management and strategy. This course integrates contemporary research across the major functional areas of business, including: accounting, finance, human resources, international business, marketing, management information systems, risk and actual science, strategic management, and operations and supply management. Students will learn how to approach organizational issues in new ways and discover novel research opportunities by making connections across multiple disciplines.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Business Admin.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

BA 9812. Innovation and Entrepreneurship in the New Economy. 3 Credit Hours.

In an increasingly competitive global market, leaders must develop new business models and approaches. However, building this competency within an organization can be challenging. This course examines how executives can apply best practices in innovation and entrepreneurship by designing novel products, services, processes, organizational structures, business models, and industry ecosystems. Special emphasis is placed on how executives can anticipate and shape global technological, economic, social, and political factors that facilitate innovation and entrepreneurship within an organizational context.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9813. Problem Solving using Quantitative Research Methods. 3 Credit Hours.

Quantitative research applies statistical techniques to test new theory and hypotheses. This course teaches students how to investigate problems through the design and execution of quantitative research as it applies to experiments, surveys and the analysis of secondary data. Students will learn to apply and evaluate these methods through examples of theoretical and applied research papers that employ quantitative methods. Students will learn the fundamental statistical techniques to develop and test research hypotheses, such as the t-test, correlation analysis and regression. Students will prepare data for analysis and understand how to interpret the results.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Business Admin.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

BA 9814. Advanced Quantitative Research Methods. 3 Credit Hours.

This course explores advanced concepts and topics in quantitative research methods. Students will learn to select and apply statistical techniques to new problems and data. It will cover analysis of variance and the design of experiments, multivariate regression, and logistic regression. It will also enable students to identify and address problems in real-world data sets, including: normality violations, multi-collinearity, and missing data.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9815. Problem Solving using Qualitative Research Methods. 3 Credit Hours.

Qualitative research is the exploration of phenomena in their natural setting that seeks to make sense of underlying mechanisms and processes. This course compares a variety of qualitative techniques, such as case studies, ethnography, action research, grounded theory building and content analysis. Students will review contemporary and classic studies that employ qualitative methods in both theoretical and applied contexts, providing examples of how to use each approach in practice. It will also cover interviewing and observation techniques, coding semi-structured and structured interview data, and building hypotheses based on qualitative data. The course weighs the advantages and disadvantages of different approaches to qualitative research, including positivist, interpretivist, and critical methods.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Business Admin.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

BA 9816. Creation and Dissemination of Business Knowledge. 3 Credit Hours.

A fundamental tenet of evidence-based management is that firms will function more effectively if they adopt a theoretically-driven, methodologically-sound approach to decision-making. Building on the basic tenets of theory and knowledge development, this course explores the tools and techniques needed for creating and disseminating knowledge. Drawing on business research literature, students learn advanced issues in theory building, model validation and empirical testing. The course provides practical guidelines for building new theories that are informed by managerial practice and also extend current theoretical models. Participants are challenged to develop cross-disciplinary, evidence-based management practices through applied research that will effectively influence future management practice. Also covered is the process of preparing one's work for publication and successfully navigating the peer review process. Students will study journal selection and how to craft a response to reviewers. These include hands-on application to each student's individual program of research.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9817. Applied Qualitative Methods. 3 Credit Hours.

This course provides a hands-on approach to understanding qualitative research methodologies and how they can be applied to problem investigation, problem solving, and outcome evaluation in business administration and other related fields. Qualitative research utilizes methods such as observation, interview, focus group, case study, and the analysis of documents and archival data. Major topics include: qualitative research design; principles and practices of data collection; analyzing and interpreting qualitative data; and effective methods for writing and disseminating research findings. Other possible topics include the epistemological foundations of qualitative research, the role of theory in guiding and informing research design, and ethical considerations in human subjects research. Through lecture, small group work, and hands-on experience, the course focuses on training in data collection and analytic techniques commonly used in qualitative research. Students will learn to apply a variety of qualitative methods to research topics, and to choose the most appropriate methods.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

BA 9883. Directed Reading/Study. 3 Credit Hours.

Students will have four required research projects that focus on applying the concepts, theories and methods learned in the foundation and methods courses. The purpose of these projects is to provide students with a mentored, structured approach to developing the critical skills required to prepare their dissertation proposal, the dissertation itself and proceedings resulting from their work. Students will engage in independent research projects under the supervision of Executive DBA faculty during their coursework. At the end of each term, the research projects will be reviewed and assessed for their quality, relevance and potential impact. Students will be expected to present their work and provide feedback on the work of others in the program. The first-year research project (R1) focuses on developing a conceptual paper with a plan for data collection and analysis (summer of the first year). The second-year research project (R2) focuses on a preliminary research paper that includes pilot data analysis and results (fall semester of the second year). The third research project (R3) has a completed research paper as a deliverable that could be submitted to a conference or a journal (spring semester of the second year). The fourth research project (R4) is preparation for the dissertation proposal defense to take place early in the fall semester of the third year.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9890. Special Topics in Business Research. 3 Credit Hours.

This course will feature a rotating set of topics based on the cutting-edge research conducted by the Executive DBA faculty. Potential topics include executive leadership, emerging markets, social media, data analytics and design thinking.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9994. Preliminary Examination Preparation. 1 to 6 Credit Hour.

Registration required each semester while preparing for the Preliminary examinations.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9998. Pre-Dissertation Research. 1 to 6 Credit Hour.

Registration required each semester after Preliminary Examinations while researching the dissertation proposal.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

BA 9999. Dissertation Research. 1 to 6 Credit Hour.

Registration each semester required for students elevated to candidacy and undertaking dissertation research.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Dissertation Writing Student.

Repeatability: This course may be repeated for additional credit.

Finance Courses

FIN 5001. Financial Analysis and Strategy. 3 Credit Hours.

This course develops the conceptual framework that is used in analyzing the financial management problems of business enterprises. Students cover concepts such as the time value of money, the cost of capital, the relationship between risk and return, the valuation of assets such as stocks and bonds, and various corporate finance issues, including capital budgeting, capital structure, corporate financing, and dividend policy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
OR ACCT 5003|Minimum Grade of B-|May not be taken concurrently
OR (ACCT 5301|Minimum Grade of B-|May not be taken concurrently
AND ACCT 5302|Minimum Grade of B-|May not be taken concurrently)
OR (ACCT 5401|Minimum Grade of B-|May not be taken concurrently
AND ACCT 5402|Minimum Grade of B-|May not be taken concurrently))
AND (STAT 5001|Minimum Grade of B-|May not be taken concurrently
OR (MIS 5401|Minimum Grade of B-|May not be taken concurrently
AND STAT 5401|Minimum Grade of B-|May not be taken concurrently)
OR (MIS 5301|Minimum Grade of B-|May not be taken concurrently
AND STAT 5301|Minimum Grade of B-|May not be taken concurrently))

FIN 5101. Fixed Income Analysis. 3 Credit Hours.

This course provides a theoretical and practical analysis of the spot markets for money, bonds, and other fixed income instruments. Topics include money market instruments, duration and convexity of bonds, yields, default risk, the term structure of interest rates, interest rate volatility, financial risk management of bond portfolios, and securitization. Students are assigned a project that involves financial decision-making and real data analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5102. Management of Financial Institutions. 3 Credit Hours.

The objectives of the course are to examine the financial services industry and to apply the fundamental concepts of financial risk management in understanding the decision-making process of this industry. First, the general environment, structure, and recent trends in banking are examined to provide a suitable background. Second, the nature and the industry structure of non-bank financial services firms, such as mutual funds and investment banking firms, are studied. Third, the sources of risk, measurement of risk, and risk management techniques and issues are studied. Risk categories considered include interest rates, credit, off-balance-sheet, operational, and liquidity.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5103. Financial Risk Management. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5104. Advanced Corporate Finance. 3 Credit Hours.

This course builds on the core M.B.A. finance course to develop the critical skills and the analytical tools necessary to apply financial theory to real world situations. The theme of this course is corporate valuation and how corporate decision-making impacts firm value. Four broad topics are covered in this course: cost-of-capital estimation and cash flow estimation; capital structure and dividend policies from the perspective of their impact on firm value; the use of real-option techniques in valuing corporate assets; and mergers and acquisitions, including bidding, takeover defenses, and golden parachutes.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5105. Advanced Option Theory. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5106. Interest Rate Options. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5108. Derivatives. 3 Credit Hours.

This course provides students with a basic knowledge of the futures, options, and other derivative markets, their market structure, theoretical foundation, and the derivative strategies of both speculators and hedgers.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently))
AND (FIN 5109|Minimum Grade of B-|May not be taken concurrently)

FIN 5109. Investments. 3 Credit Hours.

This course provides an understanding of the theory of investments, and introduces the tools and techniques used in investment management. Topics include portfolio theory; equilibrium models of security prices, including the capital asset pricing model and arbitrage pricing theory; empirical behavior of security prices; market efficiency; performance evaluation; and fixed-income markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5111. Corporate Valuation. 3 Credit Hours.

This course covers the valuation of public and private companies using discounted cash flow models, market multiples methods, and hybrid models. Valuation techniques within the discounted cash flow paradigm include dividend discount models, free-cash flow models, and residual income. Market multiples methods will include both price and enterprise models. The instructional format of the course is lecture supplemented with case analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5112. Capital Struct Business. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5113. Financial Analysis & Planning. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5114. Financial Markets and Institutions. 3 Credit Hours.

This course is a survey course of financial instruments, markets and institutions. Topics covered include time value of money, interest rates and yield curves, financial markets efficiency, fundamentals of financial institutions, depository institutions, and interest rate risk management. While the primary focus is on U.S. markets, the course also considers global financial markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5115. Financial Modeling for Investments and Corporate Finance. 3 Credit Hours.

This course will develop the modeling skills that are used in the investments and investment planning process. Spreadsheet Models for the valuation and analysis of investment alternatives will be developed. These will include portfolio modeling to obtain the optimal asset mix to meet investor's goals, valuation models for both equity and fixed income securities and models for alternative investment such as real estate, commodities, options and other investments. Applications of these models will be used through the case method. Solutions to real world problems that investors face will be addressed in these analyses. In addition, alternate models for determining the expected returns on investment will be addressed. This course will develop the modeling skills that are used in the process of corporate decision-making. It will include the development of models for financial statement analysis and the evaluation of investment decisions including the capital budgeting, cost of capital and company valuation. Application models of NPV, IRR, Payback Period, MIRR and other methods of establishing the cash flows and the relative value of projects as faced by corporate decision makers will be developed. These models will be utilized in real world applications through the case method to address the steps needed to make optimal business decisions. In addition, how to establish the appropriate return on a corporate investment will be modeled and addressed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May be taken concurrently
AND FIN 5302|Minimum Grade of B-|May be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May be taken concurrently
AND FIN 5402|Minimum Grade of B-|May be taken concurrently)

FIN 5116. Financial Modeling: Corporate. 1.5 Credit Hour.

This course will develop the modeling skills that are used in the process of corporate decision-making. It will include the development of models for financial statement analysis and the evaluation of investment decisions including the capital budgeting, cost of capital and company valuation. Application models of NPV, IRR, Payback Period, MIRR and other methods of establishing the cash flows and the relative value of projects as faced by corporate decision makers will be developed. These models will be utilized in real world applications through the case method to address the steps needed to make optimal business decisions. In addition, how to establish the appropriate return on a corporate investment will be modeled and addressed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5117. Portfolio Analysis. 1.5 Credit Hour.

This course provides students with a comprehensive look at the theory and practice of the structure of investment portfolios. It will provide an extensive look at efficient diversification and asset allocation models. The course will develop an understanding of the basic structure of Modern Portfolio Theory (MPT) and the development of the efficient frontier and its implications for investors. The securities market line and the Capital Asset Pricing Model (CAPM) will be analyzed and other alternate models for the determination of required rates of return including multifactor model will be explored.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5118. Project Analysis & Valuation. 1.5 Credit Hour.

Every project or asset has a value. The goal of this course is to strengthen and sharpen your skills in the valuing of firms' projects and investments. Topics include discounted cash flow techniques, multiple and comparable techniques, and estimating the appropriate costs of capital. Emphasis is on developing robust financial models for managerial decision-making.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5119. Mergers, Acquisitions and Restructurings. 1.5 Credit Hour.

The course involves analysis of corporate restructuring strategies including mergers, acquisitions, hostile takeovers and the market for corporate control, financial re-capitalizations, leveraged buyouts, management buyouts, going-private decisions, fiduciary duties, and re-organization under bankruptcy. The course combines applied theoretical approach with the case study method through detailed analysis of domestic and global corporate deals. The course is designed so as to create an interface or link between the academic and the practitioner perspectives of various dimensions of corporate restructuring process.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5121. Continuous Time Finance. 3 Credit Hours.

The course deals with continuous time finance with financial engineering applications. The course examines derivatives valuation and risk management, integrating financial economic theory, financial calculus, and computational techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5122. Financial Markets and Institutions I. 1.5 Credit Hour.

The objective of the course is to study the environment, practices, and performance of firms operating in the financial services industry, with a particular focus on the banking enterprise. The changing nature of the financial services industry, sources and uses of financial institution funds and sources of risk will be examined. Models of risk measurement will also be discussed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5123. Financial Markets and Institutions II. 1.5 Credit Hour.

This course will focus on management of the major risks faced by financial institutions. These include: interest rate risk, credit risk, market risk, off balance sheet risk and funding and liquidity risk. Interest rate risk management techniques will include duration management as well as the use of options, futures, caps, floors, collars and swaps for hedging purposes. Credit risk management covers loan sales and securitization. Market risk management employs market models such as Risk Metrics and Back Simulation. Off balance sheet risk management examines non-traditional banking activities and sources of risk. Liquidity risk management will cover reserve management, asset management and liability management. Students will get some hands-on experience by collaborating on a short research project.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5124. Working Capital Management Strategies. 1.5 Credit Hour.

The course emphasizes the set of decisions and problems that financial managers face in determining short-term financial policy, financial diagnostics, and operations of the company. Major topics include identifying working capital elements and their relationships to company operations, financial analysis, cash forecasting, banking relations, cash-flow systems, and short-term investment and borrowing strategies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5125. Corporate Governance and Financing Decisions. 1.5 Credit Hour.

The course will cover corporate governance topics from the perspective of the firm's capital providers. Specifically, the procedures and mechanisms that shareholders put in place to ensure that managers efficiently and optimally use the capital provided to the firm. Such topics will include boards of directors, managerial compensation, threat of termination, equity ownership structure, and the market for corporate control. The course may also cover managers' and investors' choices in financing the long-term investment decisions of the firm.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5126. Financial Risk Management I: Application of Futures. 1.5 Credit Hour.

This course will be an introduction to the futures market and swap markets for the purpose of risk management. It will include the structure of the markets and the participants. The course will develop the theoretical relationship between the futures contract and spot market. It will concentrate on the use of futures and swaps to hedge a variety of risks including interest rate risk, portfolio risk, asset risk, currency risk and others. The development of hedging strategies will be the general focus in determining the best solution to reduce risk. Futures as an alternate investment will also be explored.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5127. Financial Risk Management II: Application of Options. 1.5 Credit Hour.

This course will be an introduction to the options market for the purpose of understanding its role in investment and investment strategies. It will include the structure of the options market and the trading of options. Theoretical models will be examined and techniques for valuing options will be covered. In addition, the use of option strategies in risk management will be explored concentrating on models to use options as an enhancement to investment portfolios. Other topics will include option strategies, options on futures and other exotic options and their use in the investment process.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5128. Global Finance I: Markets. 1.5 Credit Hour.

This course provides a detailed analysis of international financial markets. Topics include: foreign currency, international money markets, international banking, and international capital markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5129. Global Finance II: Management. 1.5 Credit Hour.

The course provides a theoretical and practical analysis of the financing and investment decisions of multinational firms operating in international financial markets. Topics include: international asset valuation, international financing and investments, foreign exchange risk exposure, and country risk management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently))
AND (FIN 5128|Minimum Grade of B-|May not be taken concurrently)

FIN 5132. Securities Analysis. 1.5 Credit Hour.

This course provides the student with an introduction to the analysis of securities. It will demonstrate the techniques for the analysis of financial statements to determine the capacity of the firm to generate returns to the stakeholders including equity and debt. It will develop models for the pricing of equity using the discounted free cash flow and relative valuation models. In addition, basic models for the pricing of debt instruments will be addressed. These models will then be used to value securities for the inclusion in investment portfolio looking to create alpha by determining if the securities are under- or over- valued.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5134. Fintech, Blockchain and Digital Disruption. 3 Credit Hours.

The course gives students exposure to the technological advances that are reshaping the financial services as well as other industries using a variety of outside sources including research papers, business news articles and guest speakers. Specifically, the course focuses on block-chain, digital currencies, artificial intelligence (AI), machine learning (ML), internet of things (IoT), virtual reality (VR) and the regulatory environment surrounding these innovations. We are living in a business world that is always changing, and understanding how to observe and analyze changes is a skill as broadly applicable as it is useful.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

BA 5002|Minimum Grade of B-|May not be taken concurrently.

FIN 5137. Int'l Fin Mkt & Corp Fin. 5 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5156. Private Equity. 3 Credit Hours.

This course provides a broad coverage of the private equity market. The course is divided into two distinct segments. The first section addresses the structure of PE funds, evaluation of fund performance, and identification, structuring, and valuation of individual venture capital opportunities. The last segment focuses on leveraged finance and exit. This course is largely case-based, runs at a fast pace, and offers a unique opportunity to interact with private equity industry professionals.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5170. Special Topics. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5180. Special Topics Finance. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5182. Independent Study. 1 to 6 Credit Hour.

Special study is undertaken in a particular aspect of finance under the direct supervision of an appropriate graduate faculty member. No more than six semester hours of independent study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 5190. Special Topics - Finance. 1 to 6 Credit Hour.

Special Topics - Finance

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5282. Independent Study. 1 to 3 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5387. Practicum in Financial Analysis and Strategy. 1.5 Credit Hour.

The Practicum in Financial Analysis and Strategy provides students hands-on experience in financial statement evaluation and interpretation, valuing projects and companies, and understanding and making business decisions in the corporate environment. In the Practicum, you will become proficient at Excel Modeling; learn about the various databases that corporate managers access; and most importantly, make recommendations or decisions based on the analysis of data. The course is hands-on, i.e., you work with financial data and financial models in an empirical and case setting.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Co-requisites: FIN 5001.

Repeatability: This course may not be repeated for additional credits.

FIN 5411. Financial Management. 3 Credit Hours.

This course provides an overview of the financial challenges associated with the life cycle of an organization. Topics include: financial analysis and planning, capital budgeting, cost of capital, financial statements, and the sources and uses of business funds. While the emphasis is on decision making within a corporate environment, the tools taught in this course are just as relevant to other forms of business organization and to personal financial management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5501. International Financial Markets. 3 Credit Hours.

This covers theory, operation, and structure of international financial markets and institutions. International monetary systems, foreign exchange theory, international banking and money markets, and international monetary policy are covered.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5502. International Financial Management. 3 Credit Hours.

This course examines how the access and exposure to different currency, country, and market environments can affect the financial and investment decisions of the firm. The course extends closed-economy financial management to the international market environment. Major topics include the relationship between foreign exchange and other financial variables; measurement and management of the exchange risk exposure of the firm; international investment decisions by firms and investors; and financing the global operations of firms.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5601. Financial Technology. .5 or 1 Credit Hours.

This course teaches specialized financial software, financial market databases and quantitative financial tools. Financial Technology may be repeated up to one credit hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for a total of 1 credit.

FIN 5602. Corporate Finance. 1 Credit Hour.

This course reviews economic principles governing financial markets and corporate management and develops financial analysis skills. Topics include capital budgeting and cost of capital.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5603. Financial Accounting. 1 Credit Hour.

This course reviews the practice of financial accounting and develops skills in analyzing financial statements. Topics include financial reporting quality and International standards.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5604. Derivative Markets. 1 Credit Hour.

This course covers global exchange-traded and over-the-counter futures, options and swap instruments and financial applications. Topics include option investment strategies and structured swap applications.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5605. Fixed Income. 1 Credit Hour.

This course examines the features and trading behavior of global fixed income markets. Topics include features of debt securities, bond valuation, interest rate risk immunization and foreign exchange.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5607. Stochastic Calculus & Finance. 1 Credit Hour.

This course covers the mathematical foundations of stochastic calculus with financial applications. Topics include Brownian motion, stochastic integrals and stochastic differential equations.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5608. Ethics and Leadership I. 1 Credit Hour.

This course examines regulations covering business ethics and standards of professional conduct in the financial services industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5609. Ethics and Leadership II. 1 Credit Hour.

This course continues the discussion of business leadership and professional conduct in the financial services industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5612. Asset Pricing. 1.5 Credit Hour.

This course examines the relationship between financial risk and rates of return. Topics include equilibrium and empirical approaches to asset pricing and international asset pricing.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5613. Derivative Valuation. 1.5 Credit Hour.

This course explores equity, fixed income, foreign exchange and commodity derivatives valuation and risk management applications. Coursework includes trading in futures and options markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5614. Continuous Time Finance. 1.5 Credit Hour.

This course covers continuous-time financial theory and option pricing methods. Topics include risk-neutral pricing and equilibrium asset pricing.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5615. Data Science in Finance. 1.5 Credit Hour.

This course explores the tools and techniques of data mining to extract useful information from large financial data sets. Topics include data cleaning, data visualization and data mining for global financial market insights.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Fin Analysis + Quant Risk Mgt, Financial Analysis & Risk Mgmt, Financial Engineering, Financial Analysis, Investment Management, Quant Fin + Risk Mgmt.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5617. Financial Institutions & Risk. 1.5 Credit Hour.

This course examines the historical development and inherent risks in the financial services industry. Topics include credit risk, interest rate risk, off-balance sheet risk and regulatory constraints.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5618. Corporate Value Management. 1.5 Credit Hour.

This course examines the drivers of firm value and develops financial statement analysis skills. Topics include free cash flow valuation, industry analysis and valuation in emerging markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5619. Quant Fixed Income. 1.5 Credit Hour.

The course covers the mathematics driving fixed income markets. Topics include term structure modeling, interest rate immunization and fixed income derivatives.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5621. Structured Finance. 1.5 Credit Hour.

This course covers the valuation of asset-backed securities and credit derivatives. Topics include mortgage-backed securities, credit default obligations and credit default swaps.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5622. Machine Learning in Finance. 1.5 Credit Hour.

This course examines machine learning techniques for exploring relationships between financial economic variables and making future predictions. Topics include financial modeling and learning algorithms for global market insights.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Fin Analysis + Quant Risk Mgt, Financial Analysis & Risk Mgmt, Financial Engineering, Financial Analysis, Investment Management, Quant Fin + Risk Mgmt.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5615|Minimum Grade of B-|May not be taken concurrently.

FIN 5623. Risk Measurement. 1.5 Credit Hour.

This course examines alternative measures of value-at-risk (VaR) including stress-testing and scenario analysis. Topics include Monte Carlo Methods and risk management failures.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5624. Numerical Methods. 1.5 Credit Hour.

This course examines numerical lattice, Monte Carlo and finite difference methods for pricing vanilla and exotic options. Topics include implied trinomial trees and variance reduction techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5627. Financial Econometrics. 1.5 Credit Hour.

This course examines linear regression and time series models with applications to corporate finance and investments theory. Topics include interpreting regression coefficients and estimating correlation and volatility using GARCH models.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5628. Global Economy. 1.5 Credit Hour.

This course examines global macro-economic conditions. Topics include monetary and fiscal economics, economic indicators, the European Monetary Union and the causes of financial crises.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5629. Value at Risk. 1.5 Credit Hour.

This course examines advanced quantitative methods for estimating the risk of financial loss and risk management applications. Topics include scenario analysis, incremental risk and VaR back testing techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5631. Financial Time Series. 1.5 Credit Hour.

This course teaches methods for analyzing time series data and for forecasting future events. The course offers a mix of financial data analysis together with statistical theory.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5632. Investment Management. 1.5 Credit Hour.

This course explores portfolio management for individual and institutional investors. Coursework includes formulating a strategic equity and fixed income asset allocation strategy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5634. Stochastic Volatility. 1.5 Credit Hour.

This course examines alternative models of implied volatility and model calibration to observed market data. Topics include the term structure of volatility and jump diffusion models of the volatility smile.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5637. Applied Corporate Finance. 1.5 Credit Hour.

This course examines corporate financial restructuring and mergers and acquisitions. Topics include leveraged buyouts, industry capital structure and corporate governance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5638. Behavioral Finance. 1.5 Credit Hour.

This course examines insights of efficient market theory and behavioral finance for the historical pattern of asset prices. Topics include bubbles, momentum and limits to arbitrage.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5639. Quantitative Risk Modeling. 1.5 Credit Hour.

This course covers advanced quantitative analysis and assessment of market, credit and operational financial risks. Topics include hedging exotic options and default risk measures.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5641. Alternative Investments. 1.5 Credit Hour.

This course explores proprietary hedge fund strategies and performance measures. Topics include relative value strategies, distressed debt and real estate investment trusts.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5642. Entrepreneurial Companies. 1.5 Credit Hour.

This course examines how entrepreneurial firms pursue financing at various growth stages. Topics include private company valuation, venture capital and new issues markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5643. Structured Products. 1.5 Credit Hour.

This course teaches the financial engineering of structured product and hybrid security offerings. Topics include exotic derivatives and tailored investment strategies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5646. Frontiers in Quantitative Finance. 1.5 Credit Hour.

Seminar in selected classic and evolving industry methods and applications of quantitative finance.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Fin Analysis + Quant Risk Mgt, Financial Analysis & Risk Mgmt, Financial Engineering, Financial Analysis, Investment Management, Quant Fin + Risk Mgmt.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5634|Minimum Grade of B-|May not be taken concurrently.

FIN 5647. Financial Reporting & Analysis. 1.5 Credit Hour.

This course examines advanced financial accounting practices, theory, and issues. Topics include employee compensation, multinational operations and financial reporting quality.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5648. Quantitative Portfolios. 1.5 Credit Hour.

This course examines portfolio management based on quantitative techniques versus fundamental valuation methods. Topics include statistical arbitrage and computer-based models for trading.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5649. Enterprise Risk Management. 1.5 Credit Hour.

This course covers the analysis and development of a best in practice enterprise-wide risk management system. Topics include corporate risk tolerance and strategic risk and capital management issues.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5671. Financial Analysis I. 1.5 Credit Hour.

This course explores the CFA Program's CFA Level I Candidate Body of Knowledge: ethical and professional standards, quantitative methods, economics, financial reporting, corporate finance, equity investments, fixed income, derivatives, alternative investments and portfolio management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5672. Financial Analysis II. 1.5 Credit Hour.

This course examines the CFA Program's CFA Level I and II Candidate Body of Knowledge emphasizing the application of investment tools and concepts in asset pricing.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5671|Minimum Grade of B-|May not be taken concurrently.

FIN 5673. Financial Risk Management I. 1.5 Credit Hour.

This course explores the FRM Program's Part I Curriculum covering the tools used to assess financial risk: quantitative analysis, fundamental risk management concepts, financial markets and products, and valuation and risk models.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5674. Financial Risk Management II. 1.5 Credit Hour.

This course examines the FRM Program's Part I and Part II Curriculum focusing on the application of financial risk management tools.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5673|Minimum Grade of B-|May not be taken concurrently.

FIN 5675. Professional Development. 1 Credit Hour.

This course examines the importance of professional growth to the financial analyst. Topics include career development goals, effective professional communication, leadership and management skills and ethical issues specific to careers in finance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5683. Special Study in Finance. .5 to 6 Credit Hours.

Special study is in a particular aspect of finance under the supervision of an appropriate faculty member. No more than six semester hours of special study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

FIN 5690. Special Topics in Finance. .5 to 6 Credit Hours.

Special Topics is in a particular aspect of finance under the supervision of an appropriate faculty member. No more than six semester hours of special study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 5801. Financing the Enterprise. 2 to 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

STAT 5801|Minimum Grade of B-|May not be taken concurrently.

FIN 5802. Enterprise Financial Management. 3 Credit Hours.

Enterprise financial management deals with the financial implications of decisions made by firms. The two broad decisions facing the finance manager are (i) what projects should I invest in?, and (ii) how do I finance these investments? These questions will be answered in this course as well as learning the basics of enterprise valuation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(STAT 5001|Minimum Grade of B-|May not be taken concurrently)
OR STAT 5801|Minimum Grade of B-|May not be taken concurrently)
AND (ACCT 5001|Minimum Grade of B-|May not be taken concurrently)
OR ACCT 5801|Minimum Grade of B-|May not be taken concurrently)

FIN 5882. Independent Study. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 5890. Special Topics. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 9001. Corp Finance Theory. 3 Credit Hours.

This course is a rigorous introduction to the fundamental concepts and techniques used in modern financial economic research. Topics include individual investment decisions under uncertainty, stochastic dominance, mean-variance portfolio analysis, various equilibrium and arbitrage pricing models, and option pricing. Upon completion of this course, students are expected to acquire a clear understanding of the major theoretical results concerning individuals' consumption and portfolio decisions under uncertainty and their implications for the valuations of securities.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 9002. Empirical Research in Corporate Finance. 3 Credit Hours.

This course covers a wide variety of topics in corporate finance, including agency theory, capital structure, signaling, executive compensation, ownership structure, boards of directors, corporate control, diversification, venture capital, financial distress, and dividend policy. The analysis is both theoretical and empirical and is based on papers from the leading journals in finance, economics, and accounting. The principal aim of the course is to prepare students to conduct empirical research in corporate finance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 9001|Minimum Grade of B-|May not be taken concurrently.

FIN 9003. Banking and Financial Institutions. 3 Credit Hours.

This course covers a variety of topics on financial institutions and, in particular, the banking enterprise. Emphasis is on empirical papers. The aim is to prepare students to read the literature critically and to strengthen their independent research skills. Subjects include uniqueness of banks, exposure to interest and exchange rate risks, product diversification, contagion, market and regulatory discipline, and others.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 9004. Seminar in Global Finance and Governance. 3 Credit Hours.

The course introduces students to the basic academic literature in global finance and governance at a doctoral level and to selected advanced topics in this area. The aim is to prepare students to read the literature critically, to strengthen their independent skills, and to help them be ready to select topic in global finance and governance and related areas. Topics will be flexible to class needs but include corporate exchange risk management, international investments, global corporate governance, firm boundaries, financial and strategic issues of multinational firms, and others.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may not be repeated for additional credits.

FIN 9005. Empirical Asset Pricing. 3 Credit Hours.

This course is designed to help students bridge the gap between theoretical asset pricing models and the data. Students will read seminal works in empirical asset pricing, implement the methodologies in statistical exercises and produce a research paper that extends the existing literature.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(BA 9105|Minimum Grade of B-|May not be taken concurrently)

AND (BA 9106|Minimum Grade of B-|May not be taken concurrently)

FIN 9011. Proseminar in Finance. 1 to 3 Credit Hour.

This course is integrated with the Finance department's external seminar series (speakers from other universities) and internal seminar series (speakers are PhD students and department faculty). Students are required to attend all seminars. They must read the paper and ask questions during each seminar. For a selected number of seminars, students are required to submit a critique of the paper within a week after the seminar.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Business Administration.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

FIN 9013. Alternative Investments. 3 Credit Hours.

Alternative assets have become an increasingly important segment of the financial markets. This course analyzes various classes of alternative assets and how they are incorporated into portfolios for diversification and performance enhancement purposes. Topics include private equity, real estate, merger and arbitrage and fund of funds management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9014. Best Practices in Valuation. 3 Credit Hours.

Corporate valuation deals with managerial decision-making covering two primary topic areas: (i) what projects should the company invest in? and (ii) how does the company finance these investments? This course will provide an in-depth understanding of the models and processes that managers use in making valuation decisions. In particular, covered topics include DCF model, multiple valuation, and transaction analysis. The course consists of a combination of in-class lectures, online material, and business/finance cases.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9015. Corporate Governance. 3 Credit Hours.

In this course, we examine the underlying theory, principles, and practices that surround the governance of modern corporations. The course focuses, in particular, on the mechanisms that shareholders use to ensure that managers maximize shareholder wealth. We will discuss such topics as boards of directors, executive compensation, large shareholders, executive termination and succession, and government regulation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9016. Derivatives and Risk Management. 3 Credit Hours.

Financial derivatives are indispensable in today's business environments. The primary reason for the advent of derivatives has been their application to hedging and risk management. Commercial banks, investment banks, asset managers, mutual funds, hedge funds, pension funds, insurance companies, manufacturing companies, transportation companies, and energy companies are among the participants who are affected by changing conditions in the market and hence engage in risk management using derivative instruments. As the financial markets evolve and change derivatives are likely to emerge as even more vital ingredients of risk management for all kinds of corporations and businesses. The financial crisis, on the other hand, has taught us that clear understanding of derivatives and their price dynamics is ever more important now.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9017. Dissertation Methodologies. 3 Credit Hours.

Research can follow many different methodologies in answering important and interesting questions. This class will cover the primary methodologies used in academic and practical research studies. These methodologies include: theoretical, empirical, survey, experimental, case studies, and a more general breakdown between quantitative and qualitative research. In addition to discussing and reading about the different methods, we will examine several different examples that appear in practice-based and academic-based finance journals.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9018. Financial Markets and Institutions. 3 Credit Hours.

This course provides a survey of financial markets and institutions with a strong current events perspective and emphasis on global linkages. The course will have an applied managerial perspective that focuses on both how the markets are viewed by companies who need access to funding as well as the professionals that work in the financial services industry. The course consists of a combination of in-class lectures, online material, and business/finance cases.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9019. Investment Allocation and Management. 3 Credit Hours.

This course will discuss the concepts of portfolio management within the context of individual and institutional investment portfolios. Topics include the portfolio management process and development of investment policy statements, execution of portfolio decisions, evaluation of portfolio performance and Global Investment Performance Standards. Course materials are heavily weighted toward case studies and practical applications.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9021. Mergers and Acquisitions. 3 Credit Hours.

The course focuses on financial tools, techniques, and best practices used in buyouts (financial buyers) and acquisitions (strategic buyers). While we will touch upon various strategic, organizational, and general management issues, our main lens for studying these transactions will be a financial one. We will explore how different buyers approach the process of finding, evaluating, and analyzing opportunities in the corporate-control market; how they structure deals and how deal structure affects both value creation and value division; how they add value after transaction completion; and how they realize their ultimate objectives (such as enhanced market position or a profitable exit).

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9022. Private Equity. 3 Credit Hours.

Understanding the philosophy of science and conduct of scholarly applied research is fundamental for undertaking high-quality research. This course introduces students to the philosophy of scientific inquiry, common research approaches (e.g., quantitative, qualitative) and common epistemological perspectives (e.g., positivistic, interpretative, and critical research). The trade-off between scientific rigor and practical relevance is covered with emphasis on conducting rigorous research with practical implications. Students are introduced to practical issues about undertaking applied research, such as identifying a research topic, forming research questions, conducting literature review, and developing a plan for actual fieldwork and data collection. Finally, the course aims at helping students identify a personal interest in a particular type and area of applied research to undertake specific projects during their tenure as the doctoral program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9023. Real Estate Finance. 3 Credit Hours.

This course explores real estate finance and quantitative methods that are used in the valuation of real estate. Students develop an understanding of real estate financing and valuation as well as related topics such as underwriting, risk analysis, and financial leverage. In addition, students learn about the mortgage market and the securitization process for residential and commercial mortgages. The course also includes analysis of both residential and commercial real estate markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9090. Spec Topic Finance. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 9183. Directed Study in Fin. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.