Risk Management and Insurance (RMI)

Courses

RMI 0822. Investing for the Future. 4 Credit Hours.
This class will teach you about seemingly complicated financial topics in a very comprehensible manner that will help you make informed financial decisions to ensure a secure financial future. We begin with identification of common financial problems among the "young, fabulous and broke" and how to avoid them. After thinking about life and financial priorities, we address why thinking about retirement now must be at the top of your list. We examine how to compute your retirement needs and how to get there, primarily with a focus on investing in common stock. You will learn how to think smart about big ticket purchases such as cars, housing, and graduate/professional education. Finally we will make sure you understand how to create a safety net to protect your future. NOTE: This course fulfills the Quantitative Literacy (GQ) requirement for students under GenEd and a Quantitative Reasoning (QA or QB) requirement for students under Core. Students cannot receive credit for this course if they have successfully completed ECE 0822, FIN 0822, or FIN 0922.

Course Attributes: GQ
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
MATH 0701 to 4999| Required Courses:1|Minimum Grade of C-|May not be taken concurrently
OR MC3 Y|May not be taken concurrently
OR MC4 Y|May not be taken concurrently
OR MC5 Y|May not be taken concurrently
OR MC6 Y|May not be taken concurrently
OR STA1 Y|May not be taken concurrently
OR STA2 Y|May not be taken concurrently
OR STT3 Y|May not be taken concurrently.

RMI 2101. Introduction to Risk Management. 3 Credit Hours.
Introduction to the study of risk management and insurance. Principal casualty risks to which organizations are exposed, including those involved in employee benefits. Means of identification, evaluation, and treatment of these risks are analyzed, with the methods of treatment including insurance, risk retention, self-insurance, and loss control.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(ECON 1101|Minimum Grade of C-|May not be taken concurrently
OR ECON 1901|Minimum Grade of C-|May not be taken concurrently
OR ECON 1102|Minimum Grade of C-|May not be taken concurrently
OR ECON 1902|Minimum Grade of C-|May not be taken concurrently
AND (STAT 1001|Minimum Grade of C-|May not be taken concurrently
OR STAT 1102|Minimum Grade of C-|May not be taken concurrently
OR STAT 1022|Minimum Grade of C-|May not be taken concurrently
OR MATH 1022|Minimum Grade of C-|May not be taken concurrently
OR MATH 1031|Minimum Grade of C-|May not be taken concurrently
OR MATH 1041|Minimum Grade of C-|May not be taken concurrently
OR MATH 1941|Minimum Grade of C-|May not be taken concurrently
OR STT3 Y|May not be taken concurrently).

RMI 2102. Professional Development in Risk Management and Insurance. 1 Credit Hour.
This course is a continuation of the skills that were learned in Business Administration 2101. The class will further prepare students for internships and permanent placement in the areas of Risk Management and Actuarial Science. Emphasis on networking, career planning, interview preparation, and job search strategies. Students will attend the department's corporate seminar series as well. NOTE: This course can only be taken by students in the Risk Management and Insurance or Actuarial Science majors.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Actuarial Science, Risk Management and Insurance
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:
(RMI 2101|Minimum Grade of C-|May not be taken concurrently
OR RMI 2901|Minimum Grade of C-|May not be taken concurrently
OR RM01 Y|May not be taken concurrently)
AND (BA 2101|Minimum Grade of C-|May not be taken concurrently).
RMI 2501. Fundamentals of Personal Financial Planning. 3 Credit Hours.
Managing your finances is an important and needed skill in society today. This course explores the areas needed to manage household and personal finances. This non-technical course will prepare students to make more informed decisions in a complicated financial world, enabling them to reach their financial goals. Some of the topics explored will include but are not limited to: creating and managing budgets, taxes, savings, estate planning, retirement goals, major purchases, risk management and insurance planning, credit cards, loans, investments, and interest rates.
Repeatability: This course may not be repeated for additional credits.

RMI 2901. Honors Introduction to Risk Management. 3 Credit Hours.
This is the Honors version of Risk Management and Insurance 2101. NOTE: Open only to business-designated Honors students, or with special permission of the Program Director. May be used to satisfy the risk management and insurance requirement of the Fox School of Business and Management.
Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR
Course Attributes: HO
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(ECON 1101|Minimum Grade of C-|May not be taken concurrently
OR ECON 1901|Minimum Grade of C-|May not be taken concurrently
OR ECON 1102|Minimum Grade of C-|May not be taken concurrently
OR ECON 1902|Minimum Grade of C-|May not be taken concurrently)
AND (STAT 1001|Minimum Grade of C-|May not be taken concurrently
OR STAT 102 Y|May not be taken concurrently
OR MATH 1022|Minimum Grade of C-|May not be taken concurrently
OR MATH 1031|Minimum Grade of C-|May not be taken concurrently
OR MATH 1041|Minimum Grade of C-|May not be taken concurrently
OR MATH 1941|Minimum Grade of C-|May not be taken concurrently
OR STAT 1102|Minimum Grade of C-|May not be taken concurrently
OR STAT 1902|Minimum Grade of C-|May not be taken concurrently
OR STT3 Y|May not be taken concurrently).

RMI 3501. Life and Health Insurance and Employee Benefits. 3 Credit Hours.
The purpose of this course is to expose students to the design, financing, and structure of employer provided benefit plans. Virtually every employer offers some type of employee benefits in addition to salary as compensation for their employees. These have received increasing attention in recent years for several reasons including increased government regulation of employee benefit plans, increased cost of providing these benefits and increasing complexity of preserving favorable income tax treatment for these plans. We will primarily examine those benefits commonly known as Health and Welfare Benefits. These include the traditional benefits such as life, health and disability insurance in addition to dental, vision and prescription drug plans, HMOs, PPOs and other managed care systems. Emphasis will be on the design and structure of these plans, current problems and issues associated with the provision of these benefits. NOTE: This course is required for all Risk Management & Insurance majors and must be completed with a minimum grade of C.
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:
RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RMI 1 Y|May not be taken concurrently.

RMI 3502. Property and Liability Insurance Coverages. 3 Credit Hours.
This course evaluates property, net income, and liability loss exposures, analysis of insurance contracts, and specific insurance coverages designed to handle the above exposures. NOTE: This course is required for all Risk Management & Insurance majors and must be completed with a minimum grade of C.
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:
RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RMI 1 Y|May not be taken concurrently.
RMI 3503. Retirement Plans. 3 Credit Hours.
Contemporary fundamentals of pension plans. Major subject areas covered include history and development, plan design, actuarial aspects (costs and funding), investment of plan assets, and plan termination insurance. Provides an understanding of the types of individual account retirement plans available. Discussed are profit-sharing plans, thrift and savings plan, cash or deferred arrangements, employee stock ownership and stock bonus plans, individual retirement accounts, simplified employee pensions, tax-deferred annuities, and executive retirement arrangements. Certain functional areas applicable to all types of retirement plans such as taxation, plan installation, disclosure, and fiduciary aspects are also discussed. NOTE: This course is one of two courses satisfying the Technology Requirement for Risk Management & Insurance majors.

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:
RMI 3501|Minimum Grade of C|May not be taken concurrently.

RMI 3504. Property and Liability Insurance Functions. 3 Credit Hours.
Functional insurance areas of rate making, underwriting, marketing, loss control, and claims are studied. Insurance company financial structure and operations analysis are included.

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:
RMI 3502|Minimum Grade of C|May not be taken concurrently.

RMI 3505. Actuarial Applications in Risk Management and Insurance. 3 Credit Hours.
Applies theoretical models to insurance problems and is the real-world counterpart to theories discussed in actuarial science, risk management, and insurance courses. The course is divided into two parts: (1) statistical applications and (2) finance and economic applications. Discusses probability distributions frequently used to model losses and inferences which can be made from claims data (e.g., goodness-of-fit and experience rating). The finance section includes application of portfolio theory to the value of the firm (with and without insurance) to reinsurance decisions and captive insurance situations. NOTE: This course is one of two courses satisfying the Technology Requirement for Risk Management & Insurance majors. RMI 3505 also satisfies the Technology Requirement for students double majoring in Risk Management & Insurance and Finance.

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:
(RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RM01 Y|May not be taken concurrently)
AND (STAT 2102|Minimum Grade of C|May not be taken concurrently
OR STAT 2902|Minimum Grade of C|May not be taken concurrently
OR STAT 2103|Minimum Grade of C|May not be taken concurrently
OR STAT 2903|Minimum Grade of C|May not be taken concurrently
OR STAT 2104|Minimum Grade of C|May not be taken concurrently)
AND (FIN 3101|Minimum Grade of C|May not be taken concurrently
OR FIN 3901|Minimum Grade of C|May not be taken concurrently
OR FIN 3503|Minimum Grade of C|May not be taken concurrently
OR AS 2503|Minimum Grade of C|May not be taken concurrently
OR FIN3 Y|May not be taken concurrently).

RMI 3511. Social Insurance and Public Policy. 3 Credit Hours.
This course will introduce you to the fundamentals of economic and insurance theories related to government intervention in insurance markets. In the first part of the course we will use basic microeconomic principles to analyze concepts such as scarcity of resources, tools of positive and normative analysis, supply and demand for insurance, requirements of an insurable risk and their violations as well as the economic view of government and reasons for government intervention in private markets. This part of the course will cover theories related to both the supply and demand for insurance. In addition we will explore the nature of economic security and insecurity, the basic principles of social insurance and comparisons of social versus private insurance. We will also learn and analyze, health, healthcare, and alternative theories of the demand for health insurance in order to compare and contrast private and national health insurance. We will then evaluate various social insurance programs using the tools of analysis we have developed in the course. In particular we will focus on OASDI (Social Security), Medicare, Medicaid and National Healthcare.

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.
RMI 3567. International Risk Management. 3 Credit Hours.
This course is designed to provide an in-depth understanding of risk management and insurance from an international perspective. Enterprise risk management is examined in a global economy, with an emphasis on risk management for multinational corporations. Topics covered in this course also include an extensive review and comparison of life insurance, non-life insurance and reinsurance markets throughout the world, and the financial service integration globally.

**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:**
(RMI 3501|Minimum Grade of C|May not be taken concurrently)
AND RMI 3502|Minimum Grade of C|May not be taken concurrently)
OR AS 3596|Minimum Grade of C|May be taken concurrently.

RMI 3580. Special Topics - Risk Management & Insurance. 3 Credit Hours.
Special topics in current developments in the field of risk management and insurance.

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

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:**
RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RM01 Y|May not be taken concurrently.

RMI 3581. Field Experience in Risk Management and Insurance. 3 Credit Hours.
Students undertake a research project that integrates their current work experience with their classroom experience at Temple University. The results are reported in a paper prepared under the supervision of a faculty member. NOTE: Arrangements are made through the Department of Risk Management and Insurance. This course is open to Risk Management & Insurance and Actuarial Science majors only. This course may NOT be used as a course toward the Risk Management & Insurance or Actuarial Science major.

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

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:**
RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RM01 Y|May not be taken concurrently.

RMI 3582. Independent Study. 1 to 6 Credit Hour.
Readings and/or papers under the supervision of a faculty member. Individually arranged each semester.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Actuarial Science, Risk Management and Insurance

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

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:**
RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RM01 Y|May not be taken concurrently.

RMI 3682. Independent Study. 1 to 6 Credit Hour.
Readings and/or papers under the supervision of a faculty member. Individually arranged each semester.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Actuarial Science, Risk Management and Insurance

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

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:**
RMI 2101|Minimum Grade of C|May not be taken concurrently
OR RMI 2901|Minimum Grade of C|May not be taken concurrently
OR RM01 Y|May not be taken concurrently.

RMI 3999. Honors Thesis I. 1.5 Credit Hour.
The first of a two-part sequence of courses in which independent research is conducted under the supervision of a thesis advisor from the Risk Management & Insurance department resulting in a substantial piece of original research, roughly 30 to 50 pages in length upon completion of Risk Management & Insurance 4999. The student must publicly present his/her findings at a Temple University Research Forum session or the equivalent during one of the two semesters during which these courses are undertaken.

**Course Attributes:** HO

**Repeatability:** This course may be repeated for additional credit.
RMI 4596. Advanced Topics in Health and Welfare Employee Benefits. 3 Credit Hours.
The goals of this course are to expose students to certain advanced topics in the design of health and welfare employee benefit plans; to improve the ability of students to work in groups and teams on common projects; to improve the writing ability of students through the use of a term paper completed by each student and the completion of a case study written with a group; and to improve the oral presentation skills of students through a presentation of the results of their particular case study. We will examine several major advanced issues in the operation and design of health and welfare employee benefit plans. These include the design and use of group term and permanent life insurance products, group disability income insurance, advanced alternative funding arrangements such as experience rating and minimum premium arrangements, cafeteria and flexible benefit plans under Section 125, benefits provided under the Transportation Equity Act (TEA) and miscellaneous benefits such as leave benefits such as FMLA and PTO. NOTE: This course is one of two capstone courses for Risk Management & Insurance majors. Students must earn a grade of C in this course if they are using it to fill the writing intensive course requirement for their degree.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Risk Management and Insurance
College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School
Course Attributes: WI
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
RMI 3501|Minimum Grade of C|May not be taken concurrently.

RMI 4597. Global Corporate Risk Management. 3 Credit Hours.
This course examines the risk management process in detail and its application in a global/international firm. It will apply principled holistic risk management (pure and speculative risk) and why organizations have risk managers. Discussion will include the administrative and strategic aspects of global corporate risk management examining how a risk manager operates within a complex organization. The application of sophisticated and cutting edge risk management tools will be discussed such as risk mapping, loss forecasting, application of total quality management principles, integrated risk financing, financial reinsurance, captives/risk retention groups, and benchmarking. The course does examine the specific issues of managing risk internationally and other pertinent issues faced by risk managers. NOTE: This course must be taken in the graduating semester, after the majority of major courses have been taken. This course is one of two capstone courses for Risk Management & Insurance majors.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Risk Management and Insurance
College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School
Course Attributes: WI
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
RMI 3504|Minimum Grade of C|May not be taken concurrently.

RMI 4999. Honors Thesis II. 1.5 Credit Hour.
Independent research conducted under the supervision of a thesis advisor from the Risk Management & Insurance Department resulting in a substantial piece of original research, roughly 30 to 50 pages in length. Student must publicly present his/her findings at a Temple University Research Forum session or the equivalent if this was not done in Risk Management 3999.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Risk Management and Insurance
College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School
Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR
Course Attributes: HO
Repeatability: This course may be repeated for additional credit.
Pre-requisites:
RMI 3999|Minimum Grade of C-|May not be taken concurrently.

RMI 5051. Managing Risk. 1 to 3 Credit Hour.
Risk Management requires the firm to identify opportunities for gain and exposures to unexpected loss. The firm must then assess the potential consequences, and plan to finance the consequences of the adverse event if it happens. This course is designed to introduce the risk management process in the context of general corporate management. Each step in the process will be reviewed in detail, including setting the risk management context, identification of risk, measurement and analysis of potential impact, and appropriate treatment techniques. Risk financing options will be discussed in the context of global insurance and alternative capital markets. While the risk management process encompasses all types of risks, we will focus our identification discussion on the class of risks known as pure risk events; those that pose the threat of a loss if they happen, but no possibility of a gain.

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|May not be taken concurrently.
RMI 5101. Life and Health Insurance and Employee Benefits. 3 Credit Hours.
Analysis of the major areas in non-pension employee benefits. Reviews overall considerations in employee benefit design including federal and state regulation, group insurance and the group insurance technique, sources of healthcare benefits, HMOs, PPOs, managed care systems and disability income benefits. Considers flexible benefits plans and funding considerations. Income tax implications and healthcare cost containment issues are also examined. Group and individual life insurance theory and practice and their use in employee benefits plans.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 5102. Retirement Plans. 3 Credit Hours.
Composed of two sections: 1) Reviews basic features and defined contribution approaches of retirement income. Examines sponsor objectives served by the creation of qualified retirement plans, tax and non-tax qualification requirements, and individual account retirement plans. Subjects: profit sharing plans, Section 401(k) and 403(b), employee stock ownership, cash balance, simplified employee pension, and executive retirement arrangements. 2) Explores defined benefit plans and plan administration, fundamentals of pension plans with emphasis on the defined benefit approach to providing retirement income. Subjects: plan design, actuarial aspects (costs and funding), investment of plan assets, and plan termination insurance. Provides a basic foundation of retirement income.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 5103. Health Risks. 3 Credit Hours.
Focuses on: 1) special characteristics of risk management in healthcare institutions/agencies; 2) health insurance issues (as benefit for patients and revenue source for providers); 3) health economics (macro) as related to above.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 5104. Property and Liability Insurance. 3 Credit Hours.
Provides a graduate level introduction to the property-liability insurance industry. Attention given to structure of marketplace, regulatory framework, and relationship between the property-liability insurance industry and the firms which it protects. Discusses issues effecting the industry from an economic, legal, and public policy. Applications include product liability, environmental impairment liability, and worker's compensation issues.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 5105. Advanced Applications in Risk Management. 3 Credit Hours.
Divided into five parts. 1) reviews statistical distributions common in insurance e.g., negative binomial, pareto, and log normal distributions and evaluates their ability to model long-tail losses. 2) considers inferences from insurance data, e.g., the fitting of theoretical distributions using the method of moments and maximum and credibility theory. 3) considers loss reserve runoffs and forecasting future. 4) applies portfolio theory (including correlation analysis) to show the relationship between firm value (net worth) and insurance purchases. 5) reviews discounted cash flow techniques to determine premiums and illustrate financial aspects of captive formation.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 5106. Adv Risk Mgmt Models. 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.

RMI 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.

RMI 5182. Independent Study. 1 to 6 Credit Hour.
Special study in a particular aspect of insurance and risk under the direct supervision of appropriate graduate faculty member. No more than six 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.

RMI 5190. Special Topics - Risk Management and Insurance. 1 to 6 Credit Hour.
Special topics in risk management and insurance.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may be repeated for additional credit.

RMI 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.
RMI 5301. Enterprise Risk Management. 1.5 Credit Hour.
Effective risk management is an integral part of an efficient and successful organization. Risk Management cuts across all disciplines and all levels, throughout the organization. For a firm to be successful in today’s global economy, risk management must be tightly tied to firm strategy. Risk management is focused on maximizing the firm’s value rather than avoiding adverse consequences. Enterprise risk management identifies and manages all serious risks across an organization in a coordinated way. Risk Management requires the firm to identify opportunities for gain and exposures to unexpected loss. The firm must then assess the potential consequences, and plan to manage the consequences of an adverse event if it happens.

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.

RMI 5401. Enterprise Risk Management. 1.5 Credit Hour.
Effective risk management is an integral part of an efficient and successful organization. Risk Management cuts across all disciplines and all levels, throughout the organization. For a firm to be successful in today’s global economy, risk management must be tightly tied to firm strategy. Risk management is focused on maximizing the firm’s value rather than avoiding adverse consequences. Enterprise risk management identifies and manages all serious risks across an organization in a coordinated way. Risk Management requires the firm to identify opportunities for gain and exposures to unexpected loss. The firm must then assess the potential consequences, and plan to manage the consequences of an adverse event if it happens.

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.

RMI 5801. Enterprise Risk Management. 3 Credit Hours.
This course is designed to introduce the risk management process in the context of general corporate management. Each step in the process will be reviewed in detail, including setting the risk management context, identification of risk, measurement and analysis of potential impact, and appropriate treatment techniques. Risk financing options will be discussed in the context of global insurance and alternative capital markets.

Department restrictions: Must be enrolled in one of the following Departments: Business: Fox School Business
Level Registration Restrictions: May not be enrolled in one of the following: Undergraduate
Repeatability: This course may not be repeated for additional credits.

RMI 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.

RMI 5890. Special Topics - RMI. 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.

RMI 9001. Seminar-Property and Liability Insurance Markets. 3 Credit Hours.
In this course, economic, financial, and legal research issues in property-liability insurance are examined. Economic issues explored include (but are not limited to) corporate demand for insurance, domestic and international underwriting cycles, risk classification, and adverse selection. Coverage of pricing, profits, and regulation of insurers explicitly incorporate financial principles, including option pricing, discounted cash-flow ratemaking methods, and the capital asset pricing model. Legal issues focus on liability principles and tort reform. Students will learn institutional features of property-liability insurance to the extent necessary to interpret the research covered.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 9002. Seminar-Life Insurance and Employee Benefits. 3 Credit Hours.
A workshop approach is used to study the financial aspects of retirement plans, the macroeconomics aspects of pensions and health plans in the context of an aging population, and the microeconomics of retirement and income security. Students learn the steps needed to formulate a research strategy, including writing a proposal, developing hypotheses, and determining empirical tests of these hypotheses.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 9003. Seminar in Risk Theory. 3 Credit Hours.
Readings will cover the basic mathematical theory of risk: utility-theoretic foundations, finite-horizon individual and collective risk models, infinite horizon models, and the role of reinsurance. Students will make presentations or write papers on areas of current research activity, such as: applications of diffusion processes, the use of insurance-based securities, and the impact of risk-based capital regulatory requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.
RMI 9004. Healthcare Finance and Insurance. 3 Credit Hours.
This seminar provides a set of technical skills and knowledge base for the analysis of healthcare financing in different countries. It is designed to be of use to those working: in Ministries of Health, Ministries of Finance, or private insurance companies around the globe; in the economics and marketing departments of international pharmaceutical companies; or on the staff of international agencies. There will be a series of short assignments, two papers, and an exam. It is anticipated that some students will use the assignments as a starting point for their dissertation proposals.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

RMI 9090. Spec Topic Risk Mgt. 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.

RMI 9183. Directed Study-Risk Mgt. 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.