ENTERPRISE RISK MANAGEMENT, MS AI AND TECHNOLOGY RISK LEADERSHIP

The Master of Science in Enterprise Risk Management requires the completion of 12 total courses for the degree: 5 core courses, 6 specialization courses, and the capstone. All students complete a shared core that integrates enterprise, regulatory, quantitative, and technology risk foundations, drawing on widely used frameworks such as COSO ERM, ISO 31000, and NIST. The curriculum emphasizes data-driven risk analysis, ethical decision-making, and risk culture, while building the leadership, project management, and executive communication skills required to engage senior leaders and regulators. Students then pursue either a General Enterprise Leadership or AI (p. 1) & Technology Risk Leadership (p. 1) specialization.

Students pursuing the AI & Technology Risk Leadership Specialization take six advanced courses focused on technology and AI governance.

Curriculum

Core Courses (6 units)

Course	Title
MS_ERM 401-DL	Foundations of Enterprise, Regulatory, and Technology Risk
MS_ERM 402-DL	Foundations of Quantitative Reasoning and Risk Analytics
MS_ERM 403-DL	Risk Culture, Ethics, and Human Behavior
MS_ERM 404-DL	Project and Engagement Management for Risk Leaders
MS_ERM 405-DL	Strategic Communication for Risk Professionals
MS_ERM 498-DL	Capstone Practicum in Enterprise and AI-Technology Risk

AI & Technology Risk Leadership Specialization (6 units)

Course	Title
MS_ERM 409-DL	Principles of Regulatory Compliance and Consumer Protection
MS_ERM 430-DL	Introduction to Generative AI, Responsible AI, and Technology Risk
MS_ERM 431-DL	AI Governance and Responsible Innovation
MS_ERM 432-DL	Cybersecurity and Cloud Risk Management
MS_ERM 433-DL	Blockchain, Crypto, and Digital Assets Risk
MS_ERM 434-DL	Risk Analytics and Intelligent Automation

About the Experiential & Applied Learning

The capstone practicum in Enterprise and AI-Technology Risk is a culminating, team-based consulting engagement with real-world problems for which students deliver a final risk assessment or governance framework addressing AI, cloud, or resilience challenges. The project includes a written report, board-level presentation, and implementation roadmap evaluated by faculty and industry reviewers.

Prerequisites: Completion of all core courses in the student's graduate program and specialization.