The Master of Information Systems (MIS) program provides the knowledge to successfully apply information systems theory and principles to address real world business opportunities and challenges to meet the needs of today's information economy. Under the guidance of practitioner faculty, the graduate student will use innovative digital materials to understand the development and management of business systems within the organization, to understand and apply the principles of systems analysis and design, to analyze and evaluate emerging information technologies, and to create project, risk, and information systems strategic plans.

Required Course of Study

The Master Of Information Systems requires a minimum of 42 credits, which may come from a combination of required and elective courses.

CMGT555 Systems Analysis And Development
This course provides a background in analysis and design techniques for business system and application development. Although the Systems Development Life Cycle (SDLC) is fundamental to the course, other methodologies and tools are examined from a managerial perspective. (3 credits)

CMGT556 Enterprise Models
This course provides a process view of the organization from several perspectives including enterprise resource planning (ERP), supply chain management (SCM), and customer relationship management (CRM) system. (3 credits)

CMGT557 Emerging Technologies & Issues
The course examines how to identify emerging technology, the related issues and their potential impact on the organization. This examination provides an understanding of both the technical and managerial issues including the strategic implications associated with emerging technologies. (3 credits)

CMGT554 IT Infrastructure
This course focuses on the managerial level of knowledge and terminology for telecommunications and computer networks. This course covers the concepts and application of the Internet, server and storage architectures, and regulatory considerations. (3 credits)

CMGT582 Security & Ethics
The ethical issues examined in the course will include information privacy, accessibility, and ownership from an organizational perspective. Information laws, regulations and compliance requirements will be examined in this course as well as the considerations for creating a safe digital environment within the organization. (3 credits)

CMGT575 CIS Project Management
This course addresses the processes and skills needed for successful project management in the computer information systems and technology environment of business. Topics include project scoping, estimating, scheduling, budgeting, tracking, and controlling. (3 credits)

CMGT578 CIS Strategic Planning
This course provides the knowledge and skills to develop effective short, intermediate, and long-range strategic information systems plans. Course topics include the need for and contents of a corporate strategic plan; the relationship of information systems planning to overall organizational goals; assessment of the organization's current state; determination of information technology (IT), project, and management requirements; and the means of prioritizing and selecting systems projects. (3 credits)

CMGT583 IS Integration
This course will focus on the integration of the IS function and the information technology architecture within the enterprise. The alignment of IT with the strategy of the organization will be examined considering the decisions related to information technology architecture (3 credits)

For more information about this program, including important consumer disclosures, please visit the link for your state:
California: http://www.phoenix.edu/content/altcloud/en/programs/ge/ca/mis.html
Massachusetts: http://www.phoenix.edu/content/altcloud/en/programs/ge/ma/mis.html

University of Phoenix is accredited by the Higher Learning Commission (http://hlcommission.org). For more information about University of Phoenix accreditations and licensures, please visit http://www.phoenix.edu/about_us/accreditation.html.

Please note: A typical schedule, including progression and title of courses, may vary by location and modality. Please contact an Enrollment Representative for more information.