

## Eller Experience: Concentration in MIS

The Eller MBA with a Concentration in Management Information Systems (MIS) consists of three courses with specific required courses and other selected MIS Electives. We also have a set of recommended courses outside of MIS that will round out your education and provide you with a impressive scope of skills.

**Coursework:** the following three classes are required:

- MIS 516: IT Security and Business Continuity
- MIS 527: Managing Enterprise Systems
- MIS: 587 Business Intelligence

**Electives:** Students also choose as least two classes from the following list of electives.

- MIS 501 Responsible Information Management
- MIS 504 Management of Information Technology
- MIS 505 IT Strategy
- MIS 512A Management of Technology
- MIS 513 Business Foundations for IT
- MIS 525 Models for Decision Support
- MIS 527 Introduction for Enterprise Computing Environments
- MIS 528 Business Process Management Systems
- MIS 531 Enterprise Data Management
- MIS 535 Data Management : Technology and Applications
- MIS 565 Managing for Quality Improvement
- MIS 577 The Supply Chain and Logistics
- MIS 578 Project Management

Additional, Advanced MIS Electives:

- **MIS 515 Information Security in Public and Private Sectors (CNNS and NSTISSI certified)\*\***
- **MIS 516 Privacy, Security and Business Continuity (CNSSI Certified)\*\***
- MIS 518 Bio Medical and Security Informatics
- MIS 521 Systems Modeling and Simulation

Additional, Advanced MIS Electives Cont:

- MIS 538 Software Agents and Multi-Agent Systems
- MIS 540 Introduction to Artificial Intelligence
- MIS 541 Analysis and Design of Service-Oriented Systems
- MIS 573A Production and Operations Management
- MIS 573 Production and Operations Management

**Certificates\*\*** Upon completion of MIS 515 students will qualify for two CNSS Certifications:

(a) Information Systems Security Professionals, NSTISSI (National Security Telecommunications and Information Systems Security Instruction) No. 4011, and (b) Senior Systems Managers, CNSS No. 4012

Upon Completion of MIS 516 students will qualify for the Risk Analysts, CNSSI No. 4016, Entry Level certificate.

**Careers:** The MIS concentration is designed to prepare students to enter the market in a non-MIS functional area with the skills and ability to understand the technology aspects the job or industry sector. Depending upon one's core competencies students who pursue this path will be prepared to conduct Business Intelligence an Analysis for functional areas such as Marketing, Operations, Supply Chain Management, Accounting and Finance among others that will provide an advantage as they start their careers.

Depending upon the specific job function and pre-MBA level of technical knowledge, students will be well prepared for positions as and one's Process Design Analyst, Supply Chain Manager, IT Consultant, IT Audit Business Manager.

The MBA concentration in MIS does not require an academic or professional technical background, but if you'd like to delve deeper and pursue careers that require a high level of technical ability such as design, implementation and operation of computer-based information systems within organizations, the Dual MBA/Ms MIS is a more appropriate avenue. The "Career Overview" provides good insight into the types of MIS jobs and day in the life descriptions for those who pursue a dual degree.

The Eller MBA program is fortunate to draw upon courses in relevant disciplines within the college and offer our students expertise and skills developing an extra layer of competence as they pursue their careers, managers who understand specific MIS, Finance or Entrepreneurial synergies are vastly better prepared to meet the dynamic needs in the field.

### Complementary classes:

Specific complementary courses that will provide additional perspectives and skills to those you will learn in your concentration courses have been identified in our Marketing, Management, Finance and our Entrepreneurial programs. . Adding one or more of these courses to your concentration may add that edge over other candidates in your job search.

- ECON 554 : Strategy of Innovation
- PA 543: White Collar Crime
- PA 544: Ethics in Private and Corporate Organizations
- ENTR: 589 Professional Outsourcing
- MGMT 580B Theory of Management and Organizations
- MGMT 512A Management of Technology

<b>Careers in: Process Design, Supply Chain Management, IT Consulting, IT Audit Business Managing, Project Management</b>		
<b>Required Courses</b>	<b>Elective Courses</b>	<b>Complementary classes</b>
MIS 516: IT Security and Business Continuity	MIS 501 Responsible Information Management	PA 543: White Collar Crime
MIS 527: Managing Enterprise Systems	MIS 504 Management of Information Technology	PA 580B: Theory of Management and Organizations
MIS: 587 Business Intelligence	MIS 505 IT Strategy	Econ 554: Strategy of Innovation
	MIS 512A Management of Technology	PA 544: Ethics in Private and Corporate Organizations
	MIS 525 Models for Decision Support	MGMT 512A: Management of Technology
	MIS 527 Introduction for Enterprise Computing Environments	ENTR: 589: Professional Outsourcing
	MIS 528 Business Process Management Systems	
	MIS 535 Data Management : Technology and Applications	
	MIS 565 Managing for Quality Improvement	
	MIS 577 The Supply Chain and Logistics	



MIS 578 Project Management

