INFORMATION SYSTEMS FOR EXECUTIVES, MS

Contact

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Website

https://ischool.syracuse.edu/academics/online-information-systems-for-executives-masters-degree/

Overview

Information has a fundamental effect on the structure, process and success of all organizations. Those who can manage the tools of information acquisition, use, retention and transfer can enable their organizations to develop and leverage strategic advantages based upon information. Along with these advantages comes also the responsibility to set forth and manage policies for the use and protection of information resources at all levels across the enterprise. The Master of Science in Information Systems for Executives is designed to prepare students who have significant IT work experience with management responsibilities to respond to four basic challenges confronting organizations today:

- Increasing the effectiveness of managers and executives who work with information resources;
- Designing and managing mission-critical information technologies within organizations;
- Developing corporate and government policies to maximize the benefits resulting from the widespread use of these technologies; and
- Leveraging information resources to achieve strategic advantage for business, government, and nonprofit organizations.

The iSchool at Syracuse University is a leading center for defining both the theory and the practice of information management. Like the school itself, the MSIS Executives program is interdisciplinary in focus, combining expertise in the strategic management of information resources, organizational psychology, human-computer interaction, information economics, information policy, e-business, information technology, as well as data management.

Professional Values and Competencies

MSIS Executive graduates acquire skills in management and organizational change, solution analysis and design, communication and collaboration, business process improvement, and applied information technology. Our graduates learn to approach challenges with strategic vision, while ensuring that technology solutions integrate with enterprise goals.

Admission Requirements

Requirements for admission to the M.S. Information Systems for Executives program begin with the same requirements for admission to the 36-credit M.S. Information Systems program: https://ischool.syr.edu/admissions/checklists/information-management-checklist (https://ischool.syracuse.edu/admissions-aid/how-to-apply/masters-in-information-systems-application-checklist/)/ However, admission to the M.S. Information Systems for Executives program involves one additional requirement: Students applying to the program will each have a formal evaluation of their experience approved by the Program Director. A current resume and joining-leaving letters from employers are required and may be audited. Students qualifying for admission must have a minimum of three years of full-time professional experience in the information technology field, and, in the opinion of the Program Director, must also have demonstrated leadership growth through a record of continuously increasing job responsibilities from technical to managerial.

Student Learning Outcome

As an MSIS Executives student, you will graduate with a diverse set of skills that enables you to participate at all levels of information technology management. You will build the following foundational competencies:

1. Create information systems solutions for organizations and individuals
2. Apply principles of management strategy, economics, finance, and information systems to support how organizations add value
3. Analyze implications of professional decisions from the viewpoint of fairness, accountability, transparency, and ecological sustainability
4. Explain how public policy and socio-economic forces influence professional decision-making
5. Design communications for various purposes and audiences
6. Demonstrate leadership and collaboration skills in professional practice

Code	Title	Credits
Required Core		
IST 614	Information Technology Management and Policy	3
IST 621	Information Management and Technology	3
IST 654	Information Systems Analysis	3
IST 659	Data Administration Concepts and Database Management	3
or IST 687	Introduction to Data Science	
Prescribed Elective		
Students must select five (5) courses from the following list. Students may also petition up to two courses (6 credits) of graduate work, level 600 or higher, to count toward these electives.		15
IST 608	Blockchain Management	
IST 615	Cloud Management	
IST 618	Information Policy	
IST 623	Introduction to Information Security	
IST 625	Enterprise Risk Management	
IST 636	Leading Issues in Information Security	
IST 645	Managing Information Systems Projects	
IST 652	Scripting for Data Analysis	
IST 659	Data Administration Concepts and Database Management	
IST 671	Foundations of Research Methods in Information Studies	
IST 687	Introduction to Data Science	
IST 690	Independent Study	
IST 719	Information Visualization	
IST 722	Data Warehouse	

Exit Requirement	
Students register for IST 755, the MSIS Capstone course, after the successful completion of IST 614 and at least 24 credits in the degree program.	3