

Master of Science: Information Management for Executives 2021-2022 Advising Check Sheet

The 30-credit MSIM for Executives curriculum includes a 9-credit primary core requirement across two core areas, a 9-credit secondary core requirement across four core areas, 9 credits of electives, a non-credit graduate seminar, and 3 credits of exit requirements. Students also have the potential for 3-credits of internship to be substituted for one elective course. With advisor approval, students may substitute advanced courses for primary and secondary core courses. MSIM for Executives graduates acquire skills in management and organizational change, solution analysis and design, communication and collaboration, business process improvement, and applied information technology.

Primary Core: 9 credits

Students can choose 9 credits in one track, or a mix of both. Courses other than those listed below may apply to the Primary Core.

Management Strategies and Users Track

Class #	Course Title	Completed
IST 614	Management Principles for Information Professionals*	
IST 618	Information Policy*	
IST 619	Economics of Digital Transformation	
IST 621	Information Management and Technology*	
IST 625	Enterprise Risk Management*	
IST 645	Managing Information Systems Projects*	
IST 649	Human Interaction with Computers	
IST 654	Information Systems Analysis*	
IST 726	Enterprise Architecture: Concepts and Practice	

Technological Infrastructure Track

Class #	Course Title	Completed
IST 615	Cloud Management*	
IST 623	Introduction to Information Security*	
IST 639	Enterprise Technologies	
IST 652	Scripting for Data Analysis*	
IST 659	Data Administration Concepts and Database Management*	
IST 687	Introduction to Data Science*	

Recommended Secondary Core: 9 Credits

The following advising lists show several possible tracks that can be appropriate for students with varying types of prior experience and learning goals. These tracks represent domains in the field that might be of interest as specific areas of emphasis depending upon the student's prior work experience. Students can choose 9 credits from the lists below, selecting all credits from one track, or from a mix of all four. Courses other than those listed below may be acceptable.

Data Science Track

Class #	Course Title	Completed
IST 652	Scripting for Data Analysis*	
IST 664	Natural Language Processing*	
IST 707	Applied Machine Learning*	
IST 718	Big Data Analytics*	
IST 719	Information Visualization*	
IST 722	Data Warehouse*	
IST 736	Text Mining*	
IST 769	Advanced Big Data Management*	

Information Security Track

Class #	Course Title	Completed
IST 602	Digital Forensics	
IST 625	Enterprise Risk Management*	
IST 634	Security in Networked Environments	
IST 636	Leading Issues in Information Security*	
IST 704	Applied Information Security*	
IST 724	Database Security	
IST 725	Information Technology Security Architecture	
IST 728	Information Security Policy	

Policy and User Track

Class #	Course Title	Completed
IST 617	Motivational Aspects of Information Use	
IST 618	Information Policy*	
IST 649	Human Interaction with Computers	
IST 662	Instructional Strategies and Techniques for Information Professionals*	
IST 728	Information Security Policy	

Systems Solutions Track

Class #	Course Title	Completed
IST 625	Enterprise Risk Management*	
IST 645	Managing Information Systems Projects*	
IST 654	Information Systems Analysis*	
IST 726	Enterprise Architecture: Concepts and Practice	
IST 745	Project Portfolio and Program Management	

Recommended Elective Courses: 9 credits

All iSchool courses are acceptable electives towards the MSIM program for executive-status students, including “Selected Topics” courses, listed as IST 600 or IST 700. These courses are offered based on sufficient interest of a topic and not covered by standard curriculum but of interest to faculty and students in a particular semester. Executive-status students are also allowed to take up to six elective credits from other schools at SU, such as the Whitman School of Management or the College of Engineering and Computer Science. In addition, students may fashion an independent study by collaborating with a faculty member.

Internship Credit Policy

Students in the Information Management for Executives program are limited to counting a maximum of 3 credits of Internship toward the program total credit requirements for elective courses. A petition is required to document this substitution of internship credits in place of an elective course.

Class #	Course Title	Completed
IST 971	Internship in Information Studies	

**classes are also available as online classes in the quarter terms calendar, offered in partnership with 2SU. There are restrictions on these courses for specific groups of students so please reach out to your advisor for more information.*

Graduate Seminar: non-credit, required

The Graduate Seminar is a residential workshop that presents emerging topics in the information studies field, designed to bring together students from all graduate programs in the school. Multiple seminars are delivered each year. Students in the M.S.I.M. Executive program must complete one seminar during the duration of their program of study. You can find more information by visiting <https://ischool.syr.edu/academics/graduate-seminars/>.

Exit Requirement: 3 credits

Class #	Course Title	Completed
IST 755	Strategic Management of Information Resources* (after completion of 24 credits)	

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