

Information Systems (MBA)

[For additional program information see the Zicklin School website](#)

In today's competitive business environment, Information Technology plays a central role in developing strategies for competitive advantage. The Master of Business Administration (MBA) in Information Systems (IS) is a four-course major that provides students with the managerial and high-level technical skills necessary for effective business leaders.

The U.S. Department of Labor Bureau of Labor Statistics (BLS) [predicts](#) that employment of IS managers will grow faster than the average for all occupations through the year 2016. The BLS also indicates that technical knowledge is very important for many managerial positions.

Students can select from a range of courses in the major to focus on specific technologies and strategic areas of interest, such as information technology in financial markets, e-business, database management systems, and global IT. Graduates of the MBA in IS are equipped with a comprehensive business education, while specializing on the role of Information Technology in shaping, enabling, and delivering a company's strategic goals.

In addition to the MBA in IS, the Zicklin School also offers a [Master of Science](#) degree program in Information Systems.

[View MBA degree requirements](#)

Courses in Major (13.5 credits)

"Flexible core" course required for Information Systems majors (1.5 credits)*		
CIS 9002	Information Systems for Managers II - Managing and Harnessing Technology*	1.5 credits
*CIS 9002 will apply towards the maximum 18 credits students can take in their MBA major. This flexible core course requirement applies to the curriculum for students admitted in fall 2011 or later, or for students admitted prior to fall 2011 who have elected to complete the MBA under the new curriculum.		
Courses in major (12 credits)		
Information Technologies Courses (6 credits)		
Choose two of the following**		
CIS 9340	Principles of Database Management Systems	3 credits
CIS 9350	Networks and Telecommunications	3 credits
CIS 9355	Cybersecurity	3 credits
CIS 9444	E-Business Principles and Technologies***	3 credits
CIS 9467	Business Modeling with Spreadsheets	3 credits
CIS 9480	Information Technology Project Management	3 credits
CIS 9490	Systems Analysis and Design	3 credits
CIS 9556	Risk Management Systems***	3 credits
CIS 9590	Information Systems Development Project	3 credits
CIS 9650	Programming for Analytics	3 credits
CIS 9655	Data Visualization	3 credits
CIS 9660	Data Mining for Business Analytics (STA 9660)	3 credits

CIS 9791	Special Topics in Information Systems Technologies	1.5 credits
CIS 9793 (formerly CIS 9771)	Special Topics in Information Technologies	3 credits
Information Systems Strategy Courses (6 credits) Choose two of the following:**		
CIS 9230	Globalization and Technology	3 credits
CIS 9240	Sustainability and IT	3 credits
CIS 9375	Social Technology and Business	3 credits
CIS 9444	E-Business Principles and Technologies***	3 credits
CIS 9445	Digital Media Management	3 credits
CIS 9555	Information Technology in Financial Markets	3 credits
CIS 9556	Risk Management Systems***	
CIS 9557	Business Intelligence	3 credits
CIS 9700	Integrating Information Technology and Business Processes	3 credits
CIS 9795	Special Topics in Information Systems Strategy	1.5 credits
CIS 9797 (formerly CIS 9775)	Special Topics in Information Systems Strategy	3 credits
Students are welcome to construct an alternate program of 9000-level IS courses with the permission of the IS graduate advisor. **Elective choices updated as of spring 2016. ***Course may be used as either an "Information Technologies" course or an "Information Systems Strategy" course.		