

Fermanian School of Business - Information Systems Major-Specific Curriculum Map

Information Systems Core and Major-Specific Program Learning Outcomes

1. Write correct and robust software.
2. Analyze the interaction between hardware and software.
3. Demonstrate general knowledge of theories and practices in the core areas of business.
4. Critically analyze and apply business knowledge to solve complex business situations.
5. Apply technical knowledge and critical thinking to solve problems.
6. Demonstrate effective business communication through both written and verbal means.
7. Collaborate effectively in teams.
8. Understand and create arguments supported by quantitative evidence.
9. Formulate business decisions informed by ethical attitudes and values.
10. Understand the professional, ethical and social issues and responsibilities with the implementation and use of technology.

INFORMATION SYSTEMS		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
Course	Course Title										
General Education Courses							I	I		I	
CORE BUSINESS COURSES											
BUS 1000	Introduction to Business and Systems			I			I	I		I	
ECO 1000	Survey of Economics			I,D	I,D		I			I,D	
ACC 2001	Principles of Financial Accounting			I,D	I,D					I,D	
ACC 2002	Principles of Managerial Accounting			I,D	I,D					I,D	
BUS 2001	Legal Environment of Business			I,D	I,D					I,D	
MGT 2012	Principles of Management			I,D	I,D		D	I,D		I,D	
MKT 3032	Principles of Marketing			D	D		D	D		D	
MTH 1073	Business Calculus	I		I,D	I,D				I		
MTH 2003	Introduction to Statistics			I,D	I,D	I			I		
BUS 3013	Administrative Communication						D	D		D	
FIN 3035	Business Finance			D	D			D		D	
BUS 4080	International Business			D	D		D	D		D	
ISS 4072	Internship in Information Systems			D	D	M	M	D,M	M	D	
MGT 4088	Strategic Management			M	M		M	M		M	
MAJOR SPECIFIC REQUIREMENTS											
CSC 1043	Introduction to Computer Programming	I	I		I	I		I	I		I
CSC 1054	Object-Oriented Programming	D	D		D	D	I	I	D		D
CSC 2052	Data Structures in C++	D	D		D	D	I	D	D		D
CSC 3014	Operating Systems		D		D	D		D			D
ISS 3042	Project Management and Quality Assurance						D	D			M
ISS 3073	Networking and Security		M		D	D					
ISS 4003	Information and Computer Security		M		M	M	M	M	M		
ISS 4014	Data Base Systems and Web Integration	M	M		M	M		M	M		D
ISS 4072	Internship in Information Systems					M		D			M
ISS 4081	Senior Seminar in Information Systems				M	M	M		M		M