IRM 5976. Directed Study. 1-4 Hours.
Offers independent work under the direction of members of the department on a chosen topic.

IRM 5978. Independent Study. 1-4 Hours.
Offers independent work under the direction of members of the department on a chosen topic.

IRM 5984. Research. 1-4 Hours.
Offers students an opportunity to conduct research under faculty supervision.

IRM 6110. Network Security Management. 4 Hours.
Examines planning strategically to achieve the appropriate level of security, including cost-effectiveness—selecting an appropriate solution; scalability—adapting to expanding requirements; and flexibility—identifying compatible solutions. With the proliferation of knowledge over the Internet and other networks, organizations are always in danger of data corruption, theft, or loss. Topics include security architectures, including encryption, secure logon, control network access, precluding physical tampering, and authentication/nonrepudiation. Finally, examines the business benefit of information security, including return on investment and the role of audit in security management.

IRM 6120. Emerging Technologies and Their Application. 4 Hours.
Focuses on emerging technologies and the strategic value they bring to an organization, including competitive advantage, efficiencies, and improved internal and external communications. Technology evolutions have always expanded communication possibilities and access to information and information services. Today, new applications and services based on emerging technologies offer advanced possibilities to facilitate everyday routines and improve business processes. Technologies covered include wireless connections, protocols, bandwidth, voice and data integration, next-generation networks, and Web services. Topics change as new technologies emerge.

IRM 6130. Enterprise Application Integration. 4 Hours.
Focuses on various alternative, and often competing, methodologies in customer, business, and application integration technologies and e-business solution frameworks. The problem of integrating existing and new applications to create solutions with reasonable costs and effort is one of today’s most challenging needs in the IT industry. Illustrates application to real business problems with specific examples of integrated industry solutions, such as: (1) providing a major healthcare corporation with real-time transaction performance for their SAP R/3 Oracle/UNIX implementation; (2) a supply chain solution for an electronics manufacturer showing how subcontracted manufacturing processes can be integrated across the Web to the primary manufacturer; and (3) an order processing/CRM interenterprise customer-facing solution showing effective “make or buy” delivery response to customers and vendors outside of the core enterprise.

IRM 6961. Internship. 1-4 Hours.
Provides students with an opportunity for internship work. May be repeated without limit.

IRM 6962. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

IRM 6964. Co-op. 0 Hours.
Provides eligible students with an opportunity for work experience.

IRM 6966. Practicum. 1-4 Hours.
Provides eligible students with an opportunity for practical experience.