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

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

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

MIS 6080. Network Security Concepts. 4 Hours.
Focuses on security concepts, issues, terms and definitions, as well as the strategic value of being secured. Key topics include planning for network security, security and network protocols, end-user and administrator training, and securing existing networks. Addresses management issues related to network security, including the ethical considerations that arise from decisions regarding access, reporting, monitoring, and use.

MIS 6081. Cryptographic Mechanisms. 4 Hours.
Introduces the main types of cryptographic mechanisms, the security services they provide, and how they are managed. Specific topics include private and public key algorithms and their functionality, one-way hashes and digital signatures, and certification authorities (CAs). Offers students an opportunity to learn how private key algorithms work with network protocols.

MIS 6082. Network Protection. 4 Hours.
Examines the technical methods used to ensure that information using wired and wireless media reaches only those for whom it was intended. Covers the technical tools to protect information from external compromise. Explores load balancing, wireless access, Web security issues, and network intrusion detection. Offers students an opportunity to develop a detailed understanding of authentication, firewall configuration, and rule sets and to learn to address and prevent security issues related to intranets, extranets, enterprise networks, and the Internet.

MIS 6083. System Forensics—Incident Response Handling. 4 Hours.
Focuses on legal concepts and rules and legal risk-management techniques for information security managers. Offers students an opportunity to gain an understanding of incident handling and the role of incident response teams, including the formation and use of internal and external Computer Emergency Response Teams (CERTs). Other key topics include network monitoring, intelligence gathering, computer forensic analysis, and the collection and storage of electronic information, such as electronic signatures, that can lead to identification of the origin of incidents and security risks.

MIS 6110. Internet Technologies and Applications. 4 Hours.
Explores and evaluates Internet solutions using the client/server model as the basis for Internet infrastructure and then moves on to discuss ERP, CRM, SFA, and information system outsourcing. Effective Internet solutions depend on an understanding of the technologies and applications that support e-business activity. The focal point of this course is an analysis of Internet initiatives: Who are the main players? How do Internet technologies address mission-critical objectives? How are certain initiatives actually implemented? While this is not a programming course, it introduces students to some computer languages to illustrate how technologies take advantage of the Internet's power to deliver business solutions.

MIS 6150. Internet Solutions. 3 Hours.
Offers students an opportunity to learn how to utilize the Internet to support an organization's operations by taking advantage of the Web's potential to reduce costs and improve effectiveness. Emphasizes the integration of Internet solutions with existing applications, systems, and processes, along with incorporating Internet capabilities into the planning and decision process. Examines Internet tools and services, particularly as they relate to business activities such as purchasing, online recruitment, inventory management, and Internet conferencing. For graduate students only.

MIS 6160. Web-Based Marketing. 3 Hours.
Offers students an opportunity to learn how to capitalize on the Internet's ability to support and enhance marketing activities, such as marketing research, segmentation, differentiation, advertising, and postsales support. Emphasizes the strategic marketing plan and the development of an effective Web-based marketing campaign. Analyzes how to evaluate Internet marketing initiatives such as Web-site deployment and banner advertising. Incorporates case studies and requires students to develop an Internet marketing plan. For graduate students only.

MIS 6165. Internet Law. 3 Hours.
Covers publishing and commerce laws relevant to the Internet, as well as strategies for dealing with areas of ambiguity. The Internet does not function within political borders and creates numerous complexities for those wishing to utilize the Web to support business activities. Complicating the legal issues further is the lack of a comprehensive and coherent national or international Internet policy. Offers students an opportunity to gain an understanding of criminal and civil liability as they relate to the Internet.

MIS 6170. Internet Systems and Tools. 3 Hours.
Introduces object-oriented technologies and Internet architecture, as well as the infrastructure needed to support Internet activities. Offers students an opportunity to learn how to assess organizational needs and evaluate existing capabilities. Examines online databases and their relationship to both Internet and intranet utilization. Additional topics include outsourcing, virtual hosting, and transaction security. For graduate students only.

MIS 6220. Internet and E-Commerce Legal Issues. 4 Hours.
Considers the impact of the Uniform Commercial Code and intellectual property laws on business decisions, how communication and privacy laws have been adapted and applied to e-commerce activity, and how contract law pertains to vendor arrangements and general e-business initiatives. While the Web may be a virtual space, the legal issues that affect Web activity are very real. As students become more actively involved in conducting or supporting business activities on the Internet, it is critical to build an understanding of these legal parameters. Offers students an opportunity to obtain an understanding of the legalities needed to drive e-business decisions and a knowledge of how to develop their own strategies for dealing with those areas of legal ambiguity.
MIS 6240. E-Business Strategy. 4 Hours.
Explores the managerial strategies that lead to success in the e-business environment. Examines how a company can develop strategic Internet plans that effectively leverage new capabilities to improve internal and external relationships with employees, suppliers, distributors, customers, partners, and regulators. Offers students an opportunity to learn to evaluate and improve business functions and studies methods for evaluating industry sectors and their participants by applying competitive market analyses, SWOT analysis, and Porter’s Five Forces model. Examines specific industries and companies within the consumer (e-tailing) sectors and the business-to-business (B2B) economy, including various business models and strategies for B2B exchanges and hubs. Other topics include the issue of standards, along with XML and UDDI, and an evaluation of intranets, extranets, and supply chain management.

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

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

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

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

MIS 6970. Seminar. 1-4 Hours.
Offers an in-depth study of selected topics.

MIS 6980. Capstone. 1-4 Hours.
Offers students an opportunity to integrate their course work, knowledge, and experiences into a capstone project.

MIS 6983. Topics. 1-4 Hours.
Covers special topics in management information systems. May be repeated without limit.

MIS 6995. Project. 1-4 Hours.
Focuses on in-depth project in which a student conducts research or produces a product related to the student’s major field. May be repeated without limit.