From the early 1970s, the information systems (IS) curriculum prepared MBA students for careers in technically oriented consulting, information services and their management, and the development and marketing of new information technology (IT). Here we document the curriculum as of its retirement from the program in 2013.

IS COURSES

270A. Enterprise Systems (4)
Lecture, three hours. Fundamental concepts and uses of IS in organizations. Enterprise systems for transaction, coordination and control. Enterprise resource planning (ERP), customer relationship management (CRM) and supply chain management (SCM). IT for business process innovation and competitive advantage. S/U or letter grading.

270B. Collaboration and Decision Support Systems (4)
Lecture, three hours. Systems for support of individual and group decision making and collaborative work. Business intelligence systems. Expert and other knowledge-based systems. Fundamentals of human/computer interaction. S/U or letter grading.

270C. Web Business (4)
Lecture, three hours. Doing business on web. Web infrastructure and ecology. Web business models and strategies. Web business development, operation and marketing. New frontiers, such as web services, social networking and semantic web. S/U or letter grading.

271A. Information Technology Infrastructure (4)
Lecture, three hours. Concepts, models, architectures, protocols, standards and security for design, implementation and management of digital networks. Server architectures, server farms, cluster computing and grid computing. Storage area networks and network attached storage. Data center design and implementation. S/U or letter grading.

271B. Advanced Information Technology Infrastructure (4)
Lecture, three hours. Enforced requisite: course 271A. Integrated technical architectures (hardware, software, networks and data) to serve organizational needs in rapidly changing competitive and technological environment. Enterprise application integration. S/U or letter grading.

271C. Emergent Technologies (4)
Lecture, three hours. Special topics in new and emergent technologies such as mobile computing, cloud computing and visualization. Assessment of industrial opportunities and impacts. Topics vary. May be repeated for credit. S/U or letter grading.

272A. Information Systems Project Management (4)
Lecture, three hours. Methods and tools for project management in IS context. Initiating, planning, executing, controlling, reporting and closing projects. Project integration, scope, time, cost, quality control and risk management. Sourcing and external procurement. Contracting and managing partner relationships. Change management. S/U or letter grading.

273A. Information Systems Policy and Strategy (4)
Lecture, three hours. Managing enterprise's IS function. Strategic leadership and alignment. Role of chief

information officer. Centralized and decentralized organizational designs. Outsourcing and other vendor relationships. Management of IS professionals. S/U or letter grading.

274A. Special Topics in Information Systems (4)
Seminar, three hours. Designed primarily for Ph.D. students. Examination in depth of problems or issues of current concern in IS theory and practice. Topics vary. May be repeated for credit. S/U or letter grading.

404. Information Systems (4)
Lecture, three hours. Overview of IS in organizations from perspective of general manager. Managerial and strategic uses of IS, technologies that underlie these systems and ways such systems are developed and managed. S/U or letter grading.

413A. Managerial Computing (4)
Lecture, three hours. Individual computing in support of strategic analysis, decision making and management communication. Use of personal productivity tools, such as Excel and VBA, and network resources for data access. Emphasis on hands-on exercises. S/U or letter grading.

413B. Advanced Topics in Managerial Computing (4)
Lecture, three hours. Enforced requisite: course 413A. Advanced topics in individual computing in support of strategic analysis, decision making and management communication. Emphasis on hands-on exercises. S/U or letter grading.