INFORMATION SYSTEMS (INFO SYS)

INFO SYS 365 — CONTEMPORARY TOPICS
1-3 credits.
A course for the exploration of subject areas possibly to be introduced into the business curriculum.
Requisites: Prerequisites vary by topic
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2017

INFO SYS/COMP SCI 371 — TECHNOLOGY OF COMPUTER-BASED BUSINESS SYSTEMS
3 credits.
Overview of computers, their attendant technology, and the implications of this technology for large-scale, computer-based information systems. Topics include hardware, system software, program development, files and data communications.
Requisites: COMP SCI 301
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

INFO SYS 422 — COMPUTER-BASED DATA MANAGEMENT
3 credits.
Students learn how to analyze information requirements and data flows, design and build effective database systems, manipulate information in a database environment, and build database-driven applications to support management decision making. Focus on data modeling, relational databases, and database technologies.
Requisites: Info Sys 371 or consent of instructor
Repeatable for Credit: No
Last Taught: Fall 2017

INFO SYS 424 — ANALYSIS AND DESIGN OF COMPUTER-BASED SYSTEMS
3 credits.
Analysis of business systems to identify possible need for new or improved computer-based systems and the design of systems to meet those needs.
Requisites: Info Sys 422 or consent of instructor
Repeatable for Credit: No

INFO SYS/I SY E/OTM 671 — E-BUSINESS: TECHNOLOGIES, STRATEGIES AND APPLICATIONS
3 credits.
Overview of core concepts of e-commerce and e-business technologies, strategies and applications. Covers business-to-consumer, business-to-business and intra-business models by using real-world examples and cases from various industries.
Requisites: Senior or Graduate standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

INFO SYS/I SY E 722 — COMPUTER-BASED DATA MANAGEMENT
3 credits.
Use, control and administration of centralized and distributed data bases. Topics include the definition, design, creation, revision, interrogation, update, security and integrity of data bases.
Requisites: Info Sys 371 or cons inst
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017

INFO SYS 724 — ANALYSIS AND DESIGN OF COMPUTER-BASED SYSTEMS
3 credits.
Analysis of business systems to identify possible need for new or improved computer-based systems and the design of systems to meet those needs.
Requisites: Info Sys 722 or cons inst
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

INFO SYS 765 — CONTEMPORARY TOPICS
1-3 credits.
Exploration of subject areas possibly to be introduced into the business curriculum.
Requisites: Prerequisites vary by topic
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2017