

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