Information Technology Major Program of Study

FOUNDATION COURSES (6 courses; 18 credit hours)

- Technical Communication (LIS 3021)
- Information Technologies (LIS 3353)
- Information Science (LIS 3267)
- Research & Data Analysis in Information Technology (LIS 3201)
- Information Systems & Services (LIS 3706)
- Information Organization & Communication (LIS 3784)

ELECTIVE COURSES

(choose 6 related courses -- see recommendations for areas of concentration; total = 18 credit hours)

- Design & Development (suggested min. 4 courses if specializing)
  - Digital Graphic Design (DIG 3118)
  - Advanced Database Management (LIS 3781)
  - Information Architecture (LIS 3793)
  - Mobile App Development & Management (LIS 4381)
  - User Experience Design (LIS 4351)
  - Extensible Enterprise Solutions (LIS 4369)
  - Advanced Web Application Development (LIS 4368)

- Networking & Security (suggested min. 4 courses if specializing)
  - Intro to Networks & Telecommunications (LIS 4482)
  - Information Security (LIS 4774)
  - Network Administration (LIS 4488)
  - Advanced Information Security (LIS 4777)

- Health Informatics (take all 3 courses & LIS4940 for HIT Certificate)
  - Health Informatics (LIS 4785)
  - Advanced Health Informatics (LIS 4776)
  - Intro to Consumer Health Informatics (LIS 4772 or IFS 3037)

- Other Electives
  - Social Media Management (LIS 4380)
  - Writing for Information Professions (LIS 4022)

- Elective Capstone Courses (highly recommended - take one)
  - IT Leadership (LIS 4480r)
  - Internship in IT (LIS 4940r)

REQUIRED CAPSTONE COURSES

(6 credit hours; must have completed foundation courses; IT Project also requires senior standing)

- Information Technology Project (LIS 4910)
- Perspectives on IT (LIS 4708)

Proposed Revision: 4/1/2015
For students admitted to major in Fall 2015 onwards