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