Information Technology Major Program of Study

**FOUNDATION COURSES** (6 courses; 18 credit hours)
- Technical Communication for the Information Professions (LIS 3021)
- Technologies for Information Services (LIS 3353)
- Information Science (LIS 3267)
- Research & Data Analysis for Information Professionals (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)
  - Information Architecture (LIS 3793)
  - User Experience Design (LIS 4351)
  - Extensible Enterprise Solutions (LIS 4369)
  - Advanced Database Management (LIS 3781)
  - Mobile App Development & Management (LIS 4381)
  - Website Development with PHP (LIS 4368)

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

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

- **Social Informatics**
  - Social Media Management (LIS 4380)
  - Societal Implications of the Information Age (LIS 4410)

- **ELECTIVE CAPSTONE COURSES** (highly recommended to take one)
  - IT Leadership (LIS 4480)
  - IT Internship (LIS 4940)

- **REQUIRED CAPSTONE COURSES**
  (6 credit hours; must have completed foundation courses & senior standing)
  - Information Technology Project (LIS 4910)
  - Perspectives on IT (LIS 4708)

Last Updated: 9/04/2014
For students admitted to the major in Fall 2014 onwards