Program of Study: Information Science – Bachelor of Science (B.S.)

College of Information and Communications School of Library and Information Science Catalog Year: 2017-2018

Program of Study

Degree Requirements (121 hours)

- 1. Carolina Core (31-43 hours)
 - a. **CMW** (6 hours) –must be passed with a grade of C or higher
 - i. ENGL 101 Critical Reading and Composition
 - ii. ENGL 102 Rhetoric and Composition
 - b. **ARP** (6-7 hours)
 - i. STAT 201 Elementary Statistics
 - ii. MATH 122 Calculus for Business Administration and Social Sciences or MATH 141 Calculus I
 - c. SCI (7 hours): Two approved CC-SCI courses from the natural sciences, including one laboratory science
 - d. GFL (0-6 hours): Students in the School of Library and Information Science are required to demonstrate proficiency in one foreign language equivalent to the 121 course through course credit or the corresponding foreign language placement score.
 - e. **GHS** (3 hours): any approved CC-GHS course
 - f. **GSS** (3 hours): any approved CC-GSS course
 - g. AIU (3 hours): any approved CC-AIU course

Carolina Core Stand Alone or Overlay Eligible Requirements:

Up to two of these requirements may be met in overlay courses. At least one of these requirements must be satisfied by a course not applied elsewhere in general education. (3-9 Hours)

- h. **CMS** (0-3 hours): any approved overlay or stand-alone CC-CMS course (SLIS recommends SAEL 200 Social Advocacy and Ethical Life)
- i. **INF** (0-3 hours): any approved overlay or stand-alone CC-INF course, with the exception of SLIS 202 (SLIS recommends ENGL 102)
- VSR (0-3 hours): any approved overlay or stand-alone CC-VSR course (SLIS recommends SAEL 200 Social Advocacy and Ethical Life)
- 2. College Requirements: None required by the College of Information and Communications for this program.
- 3. Program Requirements (54 hours)
 - a. **Supporting Courses** (36 hours)
 - i. **History** (3 hours): choose any from the list of CC-GHS approved courses
 - ii. Social Science (3 hours): choose any from the list of CC-GSS approved courses
 - iii. ACCT 222 Introduction to Accounting
 - iv. CSCE 101 Introduction to Computer Concepts
 - v. CSCE 102 General Applications Programming
 - vi. ECON 224 Introduction to Economics
 - vii. ENGL 460 Advanced Writing or ENGL 462 Technical Writing or ENGL 463 Business Writing
 - viii. JOUR 101 Media and Society
 - ix. MART 210 Digital Media Arts Fundamentals
 - x. LING 300 Introduction to Language Sciences
 - xi. MKTG 350 Principles of Marketing
 - xii. SPCH 140 Public Communication or SPCH 260 Argumentation and Debate

Note: SPCH 140 may not be selected if it was used to satisfy the CMS requirement in the Carolina Core.

b. Additional Electives or Minor (18 hours) A student majoring in information science has the option of completing a specified minor sequence of courses prescribed by the unit offering the minor (see Complementary Programs below) or selecting an additional 18 hours of elective courses, as approved by the advisor. General education requirement courses do not count as electives. All elective courses must be passed with a grade of C or better. The minor is intended to develop a coherent basic preparation in a second area of study. Courses applied toward general education requirements cannot be counted toward the minor. No course may

satisfy both major and minor requirements. All minor courses must be passed with a grade of C or better. For descriptions of specific minors, students should consult the department in which they wish to minor for a list of courses, noting completion of their minor and have prerequisites that may not count towards the minor. A minor advisement form must be completed by the end of the junior year (having completed between 60 and 90 semester hours) year and approved by the school.

SLIS Complementary Programs: A B.S.I.S. student may take one of the predesigned complementary programs established with the integrated information technology (iIT) program in the College of Hospitality, Retail, and Sport Management; the visual arts program in the College of Arts and Sciences; or the public relations or visual communications majors in the College of Information and Communications. At a minimum, the 18 hours of SLIS courses, as described below, satisfy the complementary program requirement.

Integrated Information Technology Courses

- ITEC 245 Introduction to Networking
- ITEC 352 Software Design
- ITEC 444 Introduction to Human Computer Interaction
- ITEC 445 Advanced Networking
- ITEC 545 Telecommunications
- ITEC 562 Advanced Web Support Systems

Visual Communications Courses

- JOUR 203 Principles of Visual Communications
- JOUR 346 Graphics for Visual Communications
- JOUR 347 Photovisual Communications I: Photography
- JOUR 446 Informational Graphics
- JOUR 447 Photovisual Communications II: Advanced Photography
- JOUR 560 Capstone Portfolio Development

Public Relations Courses

- JOUR 303 Law and Ethics of Mass Communications
- JOUR 201 Principles of Public Relations
- JOUR 499 Special Topics
- JOUR 542 Public Opinion and Persuasion
- JOUR 538 The Bateman Team

Media Arts Courses

- MART 210 Digital Media Arts Fundamentals
- MART 321 Media Writing
- MART 380 New Media Art

4. Major Requirements (36 hours) – a minimum grade of C is required in all major courses

- a. **Major Courses** (30 hours)
 - i. SLIS 201 Introduction to Information Science
 - ii. SLIS 202 Introduction to Information Literacy and Technology
 - iii. SLIS 301 Information Storage and Retrieval
 - iv. SLIS 330 Introduction to Computer Technology and Applications for Information Environments
 - v. SLIS 402 Introduction to Management Within Information Environments
 - vi. SLIS 420 Communication and Information Transfer *or* SLIS 450 Information Issues in Cultural Heritage Institutions
 - vii. SLIS 494 Independent Study in Information Science *or* SLIS 496 Internship in Information Science
 - viii. CSCE 204 Program Design and Development
 - ix. ITEC 265 Computer Applications in Business II
 - x. ITEC 362 Web-Based Support Systems
- b. Major Electives (6 hours) Choose two:
 - i. SLIS 310 Research Methods in Information Science
 - ii. SLIS 315 Information Policy

- iii. SLIS 410 Knowledge Management
- iv. SLIS 420 Communication and Information Transfer
- v. SLIS 430 User-Centered Information Architecture
- vi. SLIS 435 Digital Information Infrastructure
- vii. SLIS 440 Competitive Intelligence
- viii. SLIS 450 Information Issues in Cultural Heritage Institutions
- ix. SLIS 480 Emerging Topics in Information Science
- x. SLIS 494 Independent Study in Information Science
- xi. SLIS 496 Internship in Information Science