

INFORMATION SCIENCE, B.S.

Learning Outcomes

- Students will describe the techniques and principles for creating, storing, organizing, transforming, and communicating information to various information seekers.
- Students will demonstrate practical skills of information science and the use of information systems.
- Students will demonstrate the comprehension of the valuable role of information and information technology in society as well as the diversity of needs and uses for information.

Admissions

First-Year Students

In order to be admitted to the B.S. in Information Science degree program of study in the School of Library and Information Science, first-year students must meet all University admission requirements. In order to continue in the program, each student must attain a minimum USC GPA of 2.50 upon completion of 30 degree-applicable hours. Credit received for remedial work is not counted toward the 30 hours.

Transfer Students

A student desiring to transfer to the B.S. in Information Science program of the School of Library and Information Science from either another college or school of the University or another institution must have a cumulative minimum GPA of 2.50 on all work attempted. Transfer students from other institutions must take at least half of the information science course work in residence at the University of South Carolina Columbia. Required information science courses from schools taken from other schools must be validated by proficiency tests. No more than 12 semester hours of required information science courses from other schools may be applied toward the B.S. degree in Information Science.

Completion of ENGL 101 and ENGL 102 with grades of **C** or higher are prerequisites for admission to the B.S. in I.S. upper-division program.

Degree Requirements (121 hours)

Program of Study

Requirements	Credit Hours
1. Carolina Core	31-44
2. College Requirements	0
3. Program Requirements	48-54
4. Major Requirements	36

Founding Documents Requirement

All undergraduate students must take a 3-credit course or its equivalent with a passing grade in the subject areas of History, Political Science, or African American Studies that covers the founding documents including the United State Constitution, the Declaration of Independence, the Emancipation Proclamation and one or more documents that are foundational to the African American Freedom struggle, and a minimum of five essays from the Federalist papers. This course may count as a requirement in any part of the program of study including the Carolina Core, the major, minor or cognate, or as a general elective. Courses that meet this requirement are listed here (<https://academicbulletins.sc.edu/undergraduate/founding-document-courses/>).

1. Carolina Core Requirements (31-44 hours)

CMW – Effective, Engaged, and Persuasive Communication: Written (6 hours)

must be passed with a grade of C or higher

- ENGL 101
- ENGL 102

ARP – Analytical Reasoning and Problem Solving (6-7 hours)

- STAT 201
- any CC-ARP course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

SCI – Scientific Literacy (7 hours)

- Two approved Carolina Core Scientific Literacy courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>) from the natural sciences, including one laboratory course

GFL – Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours)

Students in the School of Library and Information Science are required to demonstrate proficiency in one foreign language equivalent to the 122 course through course credit or the corresponding foreign language placement score.

- CC-GFL courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

GHS – Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)

- any CC-GHS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

GSS – Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)

- any CC-GSS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

AIU – Aesthetic and Interpretive Understanding (3 hours)

- any CC-AIU course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

CMS – Effective, Engaged, and Persuasive Communication: Spoken Component ¹ (0-3 hours)

- any overlay or stand-alone CC-CMS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)
SLIS recommends one of the following:
 - SAEL 200
 - SPCH 145
 - SPCH 230

INF – Information Literacy ¹ (0-3 hours)

- ENGL 102 - *must be passed with a grade of C or higher*

Note: SLIS 202 may not be used to fulfill the INF Carolina Core requirement

VSR – Values, Ethics, and Social Responsibility¹ (0-3 hours)

- any overlay or stand-alone CC-VSR course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)e (SLIS recommends SAEL 200)

¹ Carolina Core Stand Alone or Overlay Eligible

Requirements — Overlay-approved courses offer students the option of meeting two Carolina Core components in a single course. A maximum of two overlays is allowed. The total Carolina Core credit hours must add up to a minimum of 31 hours. Some programs may have a higher number of minimum Carolina Core hours due to specified requirements.

2. College Requirements (0 hours)

No college-required courses for this program.

3. Program Requirements (48-54 hours)

Supporting Courses (30 hours)

Professional Courses (30 hours)

Complete the required credit hours for each category below.

Course	Title	Credits
Technology/Systems		
Select six hours of the following:		6
CSCE 101	Introduction to Computer Concepts	
CSCE 102	General Applications Programming	
MGSC 290	Computer Information Systems in Business	
GEOG 363	Geographic Information Systems	
ITEC 444	Introduction to Human Computer Interaction	
Business		
Select six hours of the following:		6
ACCT 222	Survey of Accounting	
ACCT 225	Introduction to Financial Accounting	
ECON 224	Introduction to Economics	
MKTG 350	Principles of Marketing	
Management/Organizations		
Select three hours of the following:		3
MGMT 371	Principles of Management	
MGMT 376	Employee Engagement	
MGMT 402	Managing Teams in the Workplace	
MGMT 472	Entrepreneurship and Small Business	
Media/Visual Design		
Select three hours of the following:		3
JOUR 101	Media and Society	
JOUR 203	Principles of Visual Communications	
MART 201	Foundations of Media Arts Production	
Advanced Writing		
Select three hours of the following:		3
ENGL 460	Advanced Writing	
ENGL 462	Technical Writing	
ENGL 463	Business Writing	

ENGL 468	Digital Writing	
Communications		
Select three hours of the following:		3
SPCH 140	Public Communication	
SPCH 260	Argumentation and Debate	
SPCH 330	Small Group Communication	
SPCH 331	Organizational Communication	
SPCH 380	Persuasive Communication	
ANTH 371	Ethnography of Communication	
SAEL 200	Social Advocacy and Ethical Life	
LING 300	Introduction to Language Sciences	
Additional Professional Courses		
Select two from any of the courses listed in the categories above ¹		6
Total Credit Hours		30

¹ SPCH 140, SPCH 260, or SAEL 200 may not be selected if they were used to satisfy any requirements in the Carolina Core.

Minor or Cognate (12-18 hours)

A minor is eighteen credit hours or more. BSIS students are encouraged to pursue one of the sanctioned USC minors in over a hundred different subject areas. BSIS students, with an approval from the BSIS committee, may choose to complete a cognate instead of a minor. The cognate is usually twelve hours of course work. Only six hours of lower division class credits can be applied to the cognate. All cognates will be approved by the BSIS sub-committee usually by the second semester of the Junior year of a BSIS student if not earlier.

Electives (0-12 hours)

Choose any course with approval of an academic advisor, to reach hours to graduate.

Note: Courses used to satisfy Carolina Core requirements may not also count as electives.

4. Major Requirements (36 hours)

a minimum grade of C is required in all major courses

Major Courses (30 hours)

Course	Title	Credits
SLIS 201	Introduction to Information Science	3
SLIS 202	Introduction to Information Literacy and Technology	3
SLIS 220	Using Information Resources	3
SLIS 301	Information Storage and Retrieval	3
SLIS 310	Research Methods in Information Science	3
SLIS 330	Introduction to Computer Technology & Applications for Info Env	3
SLIS 402	Introduction to Management Within Information Environments	3
SLIS 410	Knowledge Management	3
SLIS 420	Communication and Information Transfer	3
SLIS 494	Independent Study in Information Science	3
or SLIS 496	Internship in Information Science	
Total Credit Hours		30

Major Electives (6 hours)

Course	Title	Credits
Select two of the following:		6
SLIS 315	Information Policy	
SLIS 430	User-Centered Information Architecture	
SLIS 434	Introduction to Knowledge Discovery	
SLIS 435	Digital Information Infrastructure	
SLIS 440	Competitive Intelligence	
SLIS 450	Information Issues in Cultural Heritage Institutions	
SLIS 480	Emerging Topics in Information Science	
SLIS 494	Independent Study in Information Science	
SLIS 496	Internship in Information Science	
Any other SLIS course		
Total Credit Hours		6

Major Map

A major map is a layout of required courses in a given program of study, including critical courses and suggested course sequences to ensure a clear path to graduation.

Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.

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