



UNC

SCHOOL OF INFORMATION AND LIBRARY SCIENCE

BSIS

The Bachelor of Science in Information Science Program is designed to prepare its graduates for a variety of careers in the information industry, including information architecture, database design and implementation, Web design and implementation, networking support and information consulting, as well as for graduate study.

Information science is the study of cognitive, social, technological and organizational roles of information in all its forms. It rests on three foundational pillars:

- ♦ **Content:** the substance of the information being created, communicated, stored, and/or transformed
- ♦ **People** who interact with the content; they may be creators of information, recipients of information, or intermediaries in the communication process
- ♦ **Technology** used to support the creation, communication, storage or transformation of the content

Information Science Major Curriculum

The information science major (BSIS) is designed to prepare its graduates for a variety of careers in the information industry, including information architecture; database design and implementation; Web design and implementation; and networking support and information consulting; as well as for graduate study.

The information science major consists of 10 courses (30 credits), including a prerequisite course, INLS 200. The courses required for completion of the BSIS are as follows:

- ♦ INLS 101, Foundations of Information Science **NEW for Spring 2010!!**
- ♦ INLS 200, Retrieving and Analyzing Information (prerequisite to enrollment)
- ♦ INLS 261, Tools for Information Literacy
- ♦ INLS 285, Information Use for Organizational Effectiveness
- ♦ INLS 382, Information Systems Analysis and Design
- ♦ INLS 523, Introduction to Database Concepts and Applications
- ♦ INLS 697, Emerging Topics in Information Science

In addition to these required courses, each student should work with his or her advisor to select a coherent set of four or more electives that will meet the student's objectives.

Academic Environment

Ranked #1 in the nation by *U.S. News & World Report*, the School of Information and Library Science at UNC at Chapel Hill is at the forefront of today's ever-changing information and library science landscape. The school is home to more than 350 students pursuing bachelor's degrees in information science, master's degrees in library science and information science, certificates of advanced studies, and doctoral degrees in information and library science. Twenty-five full-time faculty members are well known for their commitment to research and service, as well as interaction with students.

September 2009



Pre-Admission Preparation for the Major

First-year students and sophomores in the UNC-Chapel Hill General College who plan to apply for the BSIS should complete certain courses as part of their required basic skills and perspectives requirements. These include:

Basic skills requirements

Mathematical sciences:

- ♦ MATH 152, Calculus for Business and Social Sciences, **OR**
- ♦ MATH 231, Calculus of Functions of One Variable, **OR**
- ♦ STOR 151, Basic Concepts of Statistics and Data Analysis I

Perspectives requirements

Natural sciences:

- ♦ PSYC 101, General Psychology

Historical:

- ♦ One course in Non-Western/Comparative History

Admission to the School of Information and Library Science

Undergraduate students who have completed at least the first semester of their sophomore year may apply for admission to either the major or minor program. Participation is limited, and admission is competitive. Criteria for admission include the candidate's academic record, work and extracurricular experience, and substantive thinking about the role of information in society (and, for applicants to the minor, in his or her major field). Candidates from a variety of disciplinary backgrounds are sought for the minor. Level of prior computer experience is not a criterion for admission to the minor.

To apply for the BSIS major, students must fill out an application form and attach the following items:

- ♦ A current resume, including information about work experience and/or extracurricular activities
- ♦ A brief essay (maximum of two pages) discussing the role of information (its creation, communication, storage, and/or transmission) in a particular application area or in society at large, and motivations for seeking the information science major
- ♦ Send the application via e-mail to: ismajor@ils.unc.edu

More Information

Applications can be obtained from and questions can be addressed to:

School of Information and Library Science
University of North Carolina at Chapel Hill
100 Manning Hall, CB #3360
Chapel Hill, NC 27599

Or contact SILS Student Services at **919-962-8366** or via e-mail at: ismajor@ils.unc.edu