

The Bachelor of Science in Information Science Degree

Managers of information are increasingly asked to solve complex problems arising in the business world that require drawing on a diverse set of skills. The Bachelor of Science in Information Science (BSIS) degree therefore emphasizes problem solving and offers a broad range of courses to address the needed skills. The BSIS program consists of courses chosen from the fields of business, computer science, economics, mathematics, and psychology. Students are urged to take the courses CPSC 125, 215, 150/150L-250/250L, 350, and 351 early in their academic careers. These six courses cover the fundamental concepts of computer technology, the basics of spreadsheet and database software, the function and architecture of computer hardware and software, programming, information science concepts, management of information systems, systems and decision theory, and organizational models.

In addition to requiring successful completion of the liberal learning curriculum, the Bachelor of Science in Information Science degree requires, for major and elective studies, successful completion (a grade of C- or better) of the knowledge areas and electives shown in the following table, and a capstone course and project.

Course Requirements and Electives:

1) The Computer Science Requirements:

CPSC 125, 150/150L-250/250L, 335.

2) The Business Requirements:

ACCT 201-202, ECON 201, 202, BUSN 201.

3) The Mathematics and Science Core:

MATH 125, 135 or 140, 235; PHYS 151/151L-152/152L.

4) The Information Science Major Requirements:

CPSC 215, 216, 350, 351

5) Major Electives:

Select five: CPSC 270, 430, 440, 485, PSYC 201-202, 313, BUSN 311*, 323*, 370*; PSYC 303.

6) The Capstone Course: CPSC 445W or MGMT 440(W).

* The prerequisites for 300-level business courses include successful completion of the following courses with a C or better: ENGL 123, ULLC 223, ACCT 201-202, ECON 201, ECON 202, BUSN 201, MATH 125, MATH 135 or 140, CPSC 215.

Finally, the major in information science requires satisfactory completion of an exit test administered by the department. (See assessment section of the general requirements of all baccalaureate degree programs.)

The Minor in Information Science (23 credits)

The minor in information science requires CPSC 125, 215, 150/150L, 250/250L, 335, 350 and 351.