

Pre-Information Science Requirements

The Bachelor of Science in information science prepares information professionals through an interdisciplinary program that draws on linguistics, mathematics, computer science, communication, behavioral sciences, and philosophy.

A minimum of 120 credits is required for the Bachelor of Science degree with a major in information science. The 55–60 credits minimum required for transfer can be completed in the College of General Studies (CGS). A grade point average of at least 2.5 overall and at least a 2.5 in information science courses is required. You then apply for transfer to the School of Information Sciences to complete the remaining requirements for the degree.

Checklist for information science

Many of the courses in the following categories—skills, general education, information science major field, information science distribution of studies, related field, and elective requirements for the major—may be taken in CGS to complete the 55–60 credits minimum required for transfer. Most of these courses satisfy specific requirements for the degree.

Where specific course numbers and titles are not indicated, see a CGS academic advisor for an approved list of courses to satisfy the requirement. Check for prerequisites before registering for courses.

Courses or areas indicated with an asterisk (*) are the essential requirements and should be taken early while in CGS to be eligible to apply for transfer.

A. Skills: 12 credits minimum

*Writing: 6 credits

two courses

ENGCMP a course designated as Seminar in Composition 3 cr.

Choose one:

| | | |
|-------------|------------------------------------|-------|
| ENGCMP 0400 | Written Professional Communication | 3 cr. |
| ENGCMP 0440 | Critical Writing | 3 cr. |
| ENGCMP 0450 | Research Writing | 3 cr. |

Language:

Credits will vary depending on how the requirement is satisfied. No college credits are given for high school language courses. This requirement can be satisfied by taking the same language with a grade of C or better in one of the following: (1) two years of high school, (2) one year of high school and one term in college, or (3) two terms in college.

Linguistics or logic: 3 credits

Choose one:

| | | | |
|------|------|-----------------------------|-------|
| LING | 1000 | Introduction to Linguistics | 3 cr. |
| PHIL | 0500 | Introduction to Logic | 3 cr. |

Mathematics: 3–4 credits

Choose one:

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|------|------|------------------------------------|-------|
| MATH | 0120 | Business Calculus | 4 cr. |
| MATH | 0220 | Analytical Geometry and Calculus 1 | 4 cr. |
| MATH | 0400 | Discrete Mathematical Structures | 3 cr. |

Statistics: 3–4 credits

One course

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|------|------|---|-------|
| STAT | 0200 | Basic Applied Statistics or equivalent course | 4 cr. |
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B. General Education: 33 credits minimum

Art and music: 3 credits

Choose one approved course.

*Communication: 3 credits

Choose one:

COMMRC 0520 Public Speaking 3 cr.

COMMRC 0300 The Communication Process 3 cr.

History and culture: 3 credits

Choose one approved course.

Literature: 3 credits

Choose one approved course.

Natural science: 9–12 credits

Choose three approved courses:

- A two-course sequence from astronomy, biological sciences, chemistry, neuroscience, geology, or physics
- One additional science course from a field different from the one used to satisfy the two-course sequence

*Psychology: 3 credits

One course

PSY 0010 Introduction to Psychology 3 cr.

Social sciences: 6 credits

Choose two approved courses from two fields.

C. Information science major field: 30 credits

Of the 30–36 credits of information science courses required for the major, a maximum of 15 credits (five courses) may be taken before transfer. Nine of these credits (three courses) are offered through CGS. For additional courses, see a CGS academic advisor.

INFSCI 0010 Introduction to Information, Systems, and Society 3 cr.

INFSCI 0017 Object-Oriented Programming 1 for Information Science 3 cr.

INFSCI 0019 Object-Oriented Programming 2 for Information Science 3 cr.

D. Information science distribution of studies: 9–11 credits

Students are required to take at least one course in each of the following three areas: (1) programming language, (2) statistics, and (3) cognitive psychology. Certain information science courses may be used in the major as well as to fulfill these areas. See a CGS academic advisor for a list of approved courses for each.

E. Related field: 15 credits

A related field is selected to enhance the career goals of the student.

F. Electives

Choose additional courses that are needed to bring the credit total to the required 120 for the Bachelor of Science in information science. Some of these courses may be taken in CGS before transferring.

College of General Studies

The College of General Studies (CGS) provides adult and continuing education programs that are designed to address changing employer and student needs. The high-quality, flexible programs include courses, certificates, and degrees. CGS provides a single point of access to the University's innovative programs and services that both enrich lives and promote the economic health of the region.

Requirements subject to change. Check with an academic advisor before registering.

For more information, contact:

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College of General Studies
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