

COMPUTER SCIENCE TRANSFER GUIDE



This transfer guide will be useful to you as a transfer student, listing the general education courses along with the major requirements to assist you with your transition to Saint Xavier University. The front page lists the courses needed to satisfy the requirements for the Illinois Articulation Initiative General Education Core Curriculum referred to as the IAI/GECC. This agreement allows students to complete the majority of their general education requirements with the exception of three general education courses: Religious Studies, Philosophy 150 and an Interdisciplinary Studies course. Students must also satisfy the requirements for the major and reach a minimum of 120 credit hours. More details are available on the back.

South Suburban College	Illinois Articulation Initiative Details
<p>Communication</p> <p>ENG 101 – Composition and Rhetoric ENG 102 – Composition and Research SPE 108 – Oral Communication</p>	<p>9 Credit Hours</p> <p>Three courses are required, two-courses in writing, ENG 101 and ENG 102, and oral communication SPE 108.</p>
<p>Mathematics</p> <p>MTH 211 – Business Statistics MTH 170 – Discrete Mathematics</p>	<p>3-6 Credit Hours</p> <p>It's recommended that Computer Science majors take MTH 211 Business Statistics as it is a requirement for the bachelor of science degree.</p>
<p>Physical and Life Sciences</p> <p>Physical Science: AST 101; CHM 101, 111, 113; GLG 101; PHS 101; PHS 101; PHY 101, 210</p> <p>Life Science: BIO 101, 102, 103, 104, 105, 152</p>	<p>7-8 Credit Hours</p> <p>Students must complete 1 Life Science and 1 Physical Science course according to the IAI.</p>
<p>Humanities and Fine Arts</p> <p>Humanities DRM 152; ENG 103, 104, 111, 202, 203, 204, 206, 208; HFA 158, 201, 202, 203; HUM 210; PHL 101, 102, 103, 105; SPN 204</p> <p>Fine Arts ART 105, 107, 219; DRM 151, 155; HRA 108, 109, 120, 158, 201, 202, 203, 210</p>	<p>9 Credit Hours</p> <p>Students must complete 1 Humanities, 1 Fine Arts, and 1 Humanities or Fine Arts course according to the IAI.</p>
<p>Social and Behavioral Sciences</p> <p>ANT 101; ECO 201, 202; GEO 103, 104; HIS 109, 110, 203, 204, 271; PSC 101, 102, 210; PSY 101, 204, 211, 212; SOC 101, 102, 205</p>	<p>9 Credit Hours</p> <p>Students must take 3 social science courses from at least 2 different disciplines, or subject areas. Social Sciences: ECO, PSC, ANT, PSY, SOCI, GEO, HIS</p>

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SXU COMPUTER SCIENCE MAJOR

The major in computer science is a classic generalist program enhanced by support courses in mathematics. The emphasis of study in this program is on problem solving and computer science theory. Graduates of this program will be prepared for entry into graduate schools and for entry into a variety of positions in business and industry with a sound foundation for future advancement based on technical competence, liberal education and effective communication skills. Decisions concerning the nature of each student's study in computer science are made with particular attention to previous preparation and individual educational plans. Majors in computer science will find courses in mathematics, business, natural science and physics are good selections to complement this program of study.

COMPUTER SCIENCE CORE REQUIREMENTS

CMPSC 112 – Survey of Computer Science (3)
CMPSC 202 – Principles of Programming I (4)
(CS 121 or MIS 212 @ SSC)
CMPSC 203 –Principles of Programming II (4)
(CS 221 @ SSC)
CMPSC 255 – Fundamentals of Computer Networking (3)
CMPSC 301 – Operating Systems (3)
CMPSC 309 – Issues in Computing (3)
CMPSC 311 – Data Structures (4)
CMPSC 321 – Relational Database Theory and Design (4)
CMPSC 345 – Computer Systems and Organization (4)
CMPSC 351 – Algorithm Analysis and Design (3)
CMPSC 390 – Software Engineering (4)

COMPUTER SCIENCE ELECTIVES

Three other courses offered by the department at the 200-level or above.

MATH REQUIREMENTS

MATH 132 – Business Statistics (MTH 211 @ SSC)
MATH 200 – Introduction to Discrete Mathematics
(MTH 170 @ SSC)

TRANSFER STUDENTS WITH MORE THAN 30 HOURS

Students who have completed the Illinois Articulation Initiative General Education Core Curriculum (IAI/GECC) requirements (37-41 credit hours) must take the following additional mission-based courses at SXU in order to fulfill their general education requirements:

Philosophy 150: The Examined Life (3 credit hours)

One Religious Studies course (3 credit hours)

Level III Interdisciplinary Seminar (3 credit hours)

Students who enter the University with all but 6 hours of the IAI/GECC can complete the requirements at Saint Xavier University. All other transfer students will be evaluated on an individual basis in terms of SXU General Education requirements.

For more information, contact advising@sxu.edu.

Transcripts

Students can request their official South Suburban College transcripts by mail, in person, or by fax (708-225-5806) at South Suburban College, Registrar's Office, 15800 South State Street, South Holland, IL 60473. The request forms can be found online at www.southsuburbancollege.edu.

Transfer Course Lists

For more information on how other courses may transfer to SXU please visit www.sxu.edu, **Keyword: Course Lists**. You may also contact the Office of Admission or Records and Advising at the phone numbers below.

Office of Admission

(773) 298-3050

admission@sxu.edu

Records and Advising

(773) 298-3501

advising@sxu.edu

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