

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.

City Colleges of Chicago	Illinois Articulation Initiative Details
<p>Communication</p> <p>ENGLISH 101 – Composition I ENGLISH 102 – Composition II SPEECH 101 – Fundamentals of Speech Com.</p>	<p>9 Credit Hours</p> <p>Three courses are required, two-courses in writing, ENGLISH 101 and ENGLISH 102, and oral communication SPEECH 101.</p>
<p>Mathematics</p> <p>MATH 216 – Business Statistics</p>	<p>3-6 Credit Hours</p> <p>It's recommended that Computer Science majors take MATH 216 Business Statistics as it is a requirement for the bachelor of science degree.</p>
<p>Physical and Life Sciences</p> <p>Life Science : BIOLOGY 107, 109, 114, 115, 116, 119, 242; BOTANY 201; ZOOLOGY 211</p> <p>Physical Science : ASTRONOMY 201; CHEMISTRY 121, 201; ENVR TC 105; GEOG 201; GEOLOGY 201; OCEAN 101; PHY SCI 101, 102, 107, 111, 112, 118; PHYSICS 220, 221, 231</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>Fine Arts</p> <p>ART 103; CMMEDIA 163; FIN ART 104, 105, 107, 108, 109, 110; MUSIC 121, 124, 183, 221, 223; SPEECH 131; THR ART 131, 134</p> <p>Humanities</p> <p>AFRO AM 101; FRENCH 104, 213, 214; HUM 123, 143, 201, 202, 203, 205, 207, 208, 210, 212, 215; ITALIAN 104; JAPANES 104; LIT 110, 111, 112, 113, 114, 116, 117, 118, 119, 121, 122, 123, 126, 127, 128, 129, 131, 133, 150, 155, 156, 211, 220, 221; PHIL 105, 106, 107, 108, 201, 202, 215, 216; POLISH 104, 214; RELIGN 101, 102, 103, 106, 107; SPANISH 104, 111, 210, 213, 214</p>	<p>9 Credit Hours</p> <p>Students must take 1 Fine Arts, 1 Humanities and 1 Humanities or Fine Arts course. 9 credit hours are required to complete the IAI.</p> <p>Fine Arts: ART, CMMEDIA, FIN ART, MUSIC, SPEECH, THR ART Humanities: AFRO AM, FRENCH, HUM, ITALIAN, JAPANES, LIT, PHIL, POLISH, RELIGN, SPANISH</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)
(CIS 142 OR 144 @ CCC)
CMPSC 203 – Principles of Programming II (4)
CMPSC 255 – Fundamentals of Computer Networking (3)
(NET TECH 121 @ CCC)
CMPSC 301 – Operating Systems (3) (CIS 255 @ CCC)
CMPSC 309 – Issues in Computing (3)
CMPSC 311 – Data Structures (4) (CIS 242 or 244 @ CCC)
CMPSC 321 – Relational Database Theory and Design (4)
(NET TECH 101 @ CCC)
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 (MATH 216 @ CCC)
MATH 200 – Introduction to Discrete Mathematics

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 may request their official City Colleges of Chicago transcripts online at www.ccc.edu. Transcripts are also available on location at each of the seven City Colleges.

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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