

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.

Moraine Valley Community College	Illinois Articulation Initiative Details
<p>Communication</p> <p>COM 101 – Composition I COM 102 – Composition II COM 103 – Speech Fundamentals</p>	<p>9 Credit Hours</p> <p>Three courses are required, the two-course writing COM 101 and COM 102, and the oral communication COM 103.</p>
<p>Mathematics</p> <p>MTH 212 – Business Statistics MTH 215 – Discrete Mathematics</p>	<p>3-6 Credit Hours</p> <p>It's recommended that Computer Science majors take MTH 212 Business Statistics as it is a requirement for the bachelor of science degree.</p>
<p>Physical and Life Sciences</p> <p>Life Science: BIO, NAT Physical Science: CHM, EAS, GEL, PHS, PHY</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 110, 205, 206, 208, 209; HUM 101, 102, 104, 120, 135, 140, 145; LIT 227; MUS 106, 107; THE 105, 107, 110, 111</p> <p>Humanities</p> <p>HUM 101, 102, 104, 115, 120, 135, 140, 145; LIT 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 230; PHI 101, 111, 120, 125; ARB 202; FRE 202, GER 202; JPN 202; SPA 202, 213.</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, HUM, LIT, MUS, THE Humanities: HUM, LIT, PHI, ARB, FRE, GER, JPN, SPA</p>
<p>Social and Behavioral Sciences</p> <p>ANT 201, 202, 210; ECO 101, 102; GEO 101, 102, 201; HIS 103, 104, 201, 202, 210, 215, 220; PSC 103, 110, 115, 210, 225; PSY 101, 104, 105, 106, 202, 210; SOC 101, 102, 204, 210, 215; SSC 101</p>	<p>9 Credit Hours</p> <p>Students must take 3 social science courses from at least 2 different disciplines, or subject areas.</p> <p>Social Sciences: ECO, PSC, ANT, PSY, SOC, GEO, HIS, SSC</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 (39)

CMPSC 112 – Survey of Computer Science	(3)
CMPSC 202 – Principles of Programming I (CSC 140 @ MVCC)	(4)
CMPSC 203 – Principles of Programming II (MIS 261 @ MVCC)	(4)
CMPSC 255 – Fundamentals of Computer Networking (LAN 121 @ MVCC)	(3)
CMPSC 301 – Operating Systems	(3)
CMPSC 309 – Issues in Computing	(3)
CMPSC 311 – Data Structures (CSC 280 @ MVCC)	(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 (9-12)

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

MATH REQUIREMENTS (7)

MATH 132 – Business Statistics (MTH 212 @ MVCC)
MATH 200 – Introduction to Discrete Mathematics (MTH 215 @ MVCC)

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 may 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 Moraine Valley Community College transcripts by going to the Cashier's Office in Building S, Room S105. Transcript Requests are also available online.

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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