



# Moraine Valley Community College - Saint Xavier University

## 2+2 Transfer Articulation Curriculum Guide

### BS.COMPUTER SCIENCE

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

MVCC ID: \_\_\_\_\_ Email: \_\_\_\_\_ Date: \_\_\_\_\_

To the student: It is important to contact SXU's 2+2 Admission Counselor (773-298-3050) the first semester you enter this agreement to guarantee these current SXU program requirements when transferring to SXU two years from now.

MVCC Community College Coursework		
MVCC Course	Sem Hrs	SXU Requirement
<b>BLOCK 1</b>		
COM 101, Composition 1	3	ENGL 101 Elect.
COM 103, Speech Communication	3	COMM 101
Social & Behavior Sci Elective – IAI Approved	3	S&B Sci Elective
Physical Science Elective*-IAI approved	4	PHSCI Elective
COL 101, College: Changes, Challenges, Choices	1	ACSU 188
<b>Block 1 Total</b>	<b>14</b>	
<b>BLOCK 2</b>		
COM 102, Composition 2	3	ENGL 120
ECO 101 - Macroeconomics (S.S. Elective)	3	ECON 200
MTH 141–College Algebra–Math 212 Prereq.	4	Math 112
CSC 140 – Intro to Computer Science	3	CMPSC 202
Humanities or Fine Arts - IAI approved	3	Elective
<b>Block 2 Total</b>	<b>16</b>	
<b>BLOCK 3</b>		
CSC 240 – Advanced Computer Science	3	CMPSC 203
ECO 102 – Microeconomics (S.S. Elective)	3	ECON 201
Fine Arts Elective – IAI approved	3	F A Elective
Humanities Elective – IAI approved	3	HUM Elective
Life Science Elective – IAI approved	4	Life Science Elec.
<b>Apply for Admission to SXU</b>		
<b>Block 3 Total</b>	<b>16</b>	
<b>BLOCK 4</b>		
CSC 280 – Data Structures/Applications	4	CMPSC 311
MTH 212, Statistics for Business	4	MATH 132
LAN 121, Network Essentials	3	CMPSC Elective
Elective	3	Elective
Elective	3	Elective
Meet with advisor to register for classes and formalize your degree plan, including course electives, at SXU.		ACSU 101-T.S.O.
Submit final MVCC transcripts showing 2 yr AA or AS degree		
<b>Block 4 Total</b>	<b>17</b>	
<b>Total Semester Hours at MVCC</b>	<b>63</b>	

Saint Xavier University Coursework	
SXU Course	Sem Hrs
<b>BLOCK 5 FALL</b>	
Formalize degree plan with Advisor before registering.	
MATH 200, Discrete Mathematics	4
PHIL 150 - The Examined Life	3
CMPSC Required Elective #1	3
CMPSC Required Elective #2	3
SXU Minor Course **	3
<b>Block 5 Total</b>	<b>16</b>
<b>BLOCK 6 SPRING</b>	
CMPSC 255 – Fund of Comp Networking	3
CMPSC 345, Computer Systems and Organization	4
CMPSC 309 – Issues in Computing (I.D.S.)	3
CMPSC Required Elective #3	3
Religious Studies Elective	3
<b>Block 6 Total</b>	<b>16</b>
<b>BLOCK 7 FALL</b>	
CMPSC 321, Relational Database Theory & Design	4
CMPSC Required Elective #4	3
SXU Minor Course **	3
SXU Minor Course **	3
400 level CMPSC option for Grad Course ***	4
<b>Block 7 Total</b>	<b>17</b>
<b>BLOCK 8 SPRING</b>	
CMPSC 301, Operating Systems	3
CMPSC 390, Software Engineering (C.B.L.)	4
SXU Minor Course **	3
SXU Minor Course **	3
400 level CMPSC option for Grad Course ***	4
<b>Block 8 Total</b>	<b>17</b>
<b>Total Semester Hours at SXU</b>	<b>66</b>

\*Electives must be at a 200 level \*\* At least one natural science course must have a lab.  
 \*\* Students may choose from 29 minors offered at SXU. SXU minors- visit <http://sxu.edu/academics/undergraduate.asp>  
**COMPUTER SCIENCE MAJORS** will find that Math, Business, Natural Science and Physics are good selections to complement their major.\*\*\* Students wishing to pursue the 5-Year Accelerated Bachelor's-Masters (ABM) option must take 8 sh of 400/500 level CMPSC courses. ABM option: <http://catalog.sxu.edu/chicago/Undergraduate/ANS/computer.html>