COMPUTER SCIENCE, B.S. (STLCC 2+SLU)

This program plan is part of the formal 2+SLU transfer agreement between St. Louis Community College and Saint Louis University.

Students in this program will satisfy the degree requirements published in the 2020-2021 academic catalog at St. Louis Community College and the 2021-2022 academic catalog at SLU. Students must complete all courses and transfer to SLU on or before the spring 2026 semester.

Students who plan to transfer to SLU after spring 2026 should contact a transfer admission counselor (https://www.slu.edu/admission/transfer/contact.php) to explore options.

Students who have been following a program plan from a previous year's academic catalog can reference their older program plan version at https://catalog.slu.edu/previous-catalogs/.

For additional information see the catalog entry for:

Computer Science, B.S. (https://catalog.slu.edu/colleges-schools/science-engineering/computer-science/computer-science-bs/)

Admission Requirements

- Students must complete all the courses outlined on the Program Plan unless an exception is approved by SLU.
- Students must complete an application for admission.
- Students may be subject to admission review under circumstances outlined in the Admission Policies (https://catalog.slu.edu/academic-policies/office-admission/undergraduate/admission-policies/).
- Students must present a 2.50 cumulative GPA at the time of transfer to SLU.

Program Plan

Program Plans provide a guided pathway for students to earn an associate's degree at their home institution and a bachelor's degree at Saint Louis University. Students may change the sequence in which they complete courses at their home institution. Students who complete a course that is not part of this Program Plan are encouraged to contact SLU to see if the course could be substituted.

St. Louis Community College Courses

Transfer Course	Transfer Course Title	Transfer Course Credits	Equivalent SLU Course	Equivalent SLU Credits
		Year One		
		Fall		
COM 107	Public Speaking (MOTR COMM 110)	3	CMM 1200	3
ENG 101	College Composition I (MOTR ENGL 100)	3	ENGL 1500	3
HST 115 or HST 128	Ancient and Medieval History to 1500 (MOTR WCIV 101) or Western Civilization from 1500 to the Present (MOTR WCIV 102)	3	HIST 1110 or HIST 1120	3
MTH 210	Analytic Geometry and Calculus I	5	MATH 1510	4
	Credits	14		14
		Spring		
ENG 102	College Composition II (MOTR ENGL 200)	3	ENGL 1900	3
MTH 220	Analytic Geometry and Calculus II	5	MATH 1520	5
	Social & Behavioral Sciences (MOTR Course) (Choose any except COM 200, GEG 101, HST courses)	3	Social Science Requirement	3
	Natural Science with lab (MOTR course) ^	4	Natural Science Requirement	4
	Credits	15		15
		Year Two		
		Fall		
IS 153 or IS 187	C# Programming I or Java Programming I (choose course to prepare for IS 256 or IS 287 in semester 4)	4	CSCI 1REQ	4
MTH 212	Discrete Mathematics	3	MATH 1660	3
PHL 104	Ethics (MOTR PHIL 102)	3	PHIL 2050	3

	Social & Behavioral Sciences (MOTR Course) (Recommended: ANT 101, ANT 102, or PSC 201)	3	General Elective	3
	Natural Science with lab ^	4	Natural Science Requirement	4
	Credits	17		17
		Spring		
IS 256 or IS 287	C++ Programming or Java Programming II	3	CSCI 1300	3
PHL 103	World Religions (MOTR RELG 100)	3	THEO 2710	3
	Natural Science (lab optional) (MOTR course)	3	General Elective	3
	Social & Behavioral Sciences - Civics Course (Choose any)	3	General Elective	3
	Literature Course (See list below) *	3	Literature Requirement	3
	Credits	15		15
	St. Louis Community College Total Credits	61		61

* Choose from ENG 110, ENG 114, ENG 204, ENG 205, ENG 211, ENG 216, ENG 217, ENG 224, ENG 225, ENG 231, ENG 233

^ Natural Science - lab required * must have 8 credit sequence in a single lab science (same department)
Note: Students must complete an AA at STLCC to be part of the official 2+SLU program. Students using this program plan as a general guide to transfer to SLU may have to complete additional courses at SLU.

Saint Louis University Courses

Course	Title	Credits
Year Three		
Fall		
CSCI 2100	Data Structures	4
CSCI 2500	Computer Organization and Systems	3
Fine Art Requirement		3
PHIL 3050X	Computer Ethics	3
Foreign Language I		3
	Credits	**16**
Spring		
CSCI 2300	Object-Oriented Software Design	3
CSCI 2510	Principles of Computing Systems	3
CSCI 3100	Algorithms	3
STAT 3850	Foundation of Statistics	3
CORE 1600	Ultimate Questions: Theology	3
	Credits	**15**
Year Four		
Fall		
Applied Systems Requirement		3
CSCI 3300	Software Engineering	3
CSCI 4961	Capstone Project I	2
CSCI 3XXX-4XXX		3
MATH /STAT 2XXX or higher		3
	Credits	**14**
Spring		
CSCI 3200	Programming Languages	3
CSCI 4962	Capstone Project II	2
CSCI 3XXX-4XXX		3
General Elective		3
MATH/STAT 2XXX or higher		3
	Credits	**14**
	Total Credits	**59**

Contact Us

For additional questions please contact:

Transfer Admission
314-977-2500
transfer@slu.edu