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

<table>
<thead>
<tr>
<th>Transfer Course</th>
<th>Transfer Course Title</th>
<th>Equivalent SLU Course</th>
<th>Equivalent SLU Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year One</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 107</td>
<td>Public Speaking (MOTR COMM 110)</td>
<td>CMM 1200</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>College Composition I (MOTR ENGL 100)</td>
<td>ENGL 1500</td>
<td>3</td>
</tr>
<tr>
<td>MTH 210</td>
<td>Analytic Geometry and Calculus I</td>
<td>MATH 1510</td>
<td>4</td>
</tr>
<tr>
<td>MTH 220</td>
<td>Analytic Geometry and Calculus II</td>
<td>MATH 1520</td>
<td>5</td>
</tr>
<tr>
<td>MTH 212</td>
<td>Discrete Mathematics</td>
<td>MATH 1660</td>
<td>3</td>
</tr>
<tr>
<td>PHL 104</td>
<td>Ethics (MOTR PHIL 102)</td>
<td>PHIL 2050</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>SLU Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 115 or HST 128</td>
<td>Ancient and Medieval History to 1500 (MOTR WCIV 101) or Western Civilization from 1500 to the Present (MOTR WCIV 102)</td>
<td>HIST 1110 or HIST 1120</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>ENG 102</td>
<td>College Composition II (MOTR ENGL 200)</td>
<td>ENGL 1900</td>
</tr>
<tr>
<td></td>
<td>MTH 220</td>
<td>Analytic Geometry and Calculus II</td>
<td>MATH 1520</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Year Two</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>IS 153 or IS 187</td>
<td>C# Programming I or Java Programming I (choose course to prepare for IS 256 or IS 287 in semester 4)</td>
<td>CSCI 1REQ</td>
</tr>
<tr>
<td></td>
<td>MTH 212</td>
<td>Discrete Mathematics</td>
<td>MATH 1660</td>
</tr>
<tr>
<td></td>
<td>PHL 104</td>
<td>Ethics (MOTR PHIL 102)</td>
<td>PHIL 2050</td>
</tr>
</tbody>
</table>
Computer Science, B.S. (STLCC 2+SLU) 2023-2024

Social & Behavioral Sciences (MOTR Course) (Recommended: ANT 101, ANT 102, or PSC 201)

Natural Science with lab ^

Credits 17 17

Spring

IS 256 or IS 287 C++ Programming or Java Programming II

PHL 103 World Religions (MOTR RELG 100)

Social & Behavioral Sciences - Civics Course (Choose any)

Literature Course (See list below) *

Credits 15 15

St. Louis Community College Total Credits

61 61

CSCI 2500 Computer Organization and Systems 3
Fine Art Requirement 3
PHIL 3410 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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year Three</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSCI 2100</td>
<td>Data Structures</td>
<td>4</td>
</tr>
</tbody>
</table>

* 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)