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.

For additional information see the catalog entry for:

Computer Science, B.S.

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>Transfer Course Credits</th>
<th>Equivalent SLU Course</th>
<th>Equivalent SLU Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 107</td>
<td>Public Speaking (MOTR COMM 110)</td>
<td>3</td>
<td>CMM 1200</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>College Composition I (MOTR ENGL 100)</td>
<td>3</td>
<td>ENGL 1500</td>
<td>3</td>
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</tbody>
</table>

Year One

Fall

- MTH 210
  Analytic Geometry and Calculus I
  Credits: 5
  Equivalent: MATH 1510
  SLU Credits: 4

- ENG 102
  College Composition II (MOTR ENGL 200)
  Credits: 3
  Equivalent: ENGL 1900
  SLU Credits: 3

- MTH 220
  Analytic Geometry and Calculus II
  Credits: 5
  Equivalent: MATH 1520
  SLU Credits: 5

Spring

- Natural Science with lab (MOTR course) ^
  Credits: 4
  Equivalent: Natural Science Requirement
  SLU Credits: 4

- 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)
  Credits: 4
  Equivalent: CSCI 1REQ
  SLU Credits: 4

- MTH 212
  Discrete Mathematics
  Credits: 3
  Equivalent: MATH 1660
  SLU Credits: 3

- PHL 104
  Ethics (MOTR PHIL 102)
  Credits: 3
  Equivalent: PHIL 2050
  SLU Credits: 3
### Social & Behavioral Sciences (MOTR Course) (Recommended: ANT 101, ANT 102, or PSC 201)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>with lab ^</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Credits</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

### Spring

- **CSCI 2500**  
  Computer Organization and Systems  
  3
- **CSCI 2510**  
  Principles of Computing Systems  
  3
- **CSCI 3100**  
  Algorithms  
  3
- **STAT 3850**  
  Foundation of Statistics  
  3
- **THEO 1000**  
  Theological Foundations  
  3

### Credits

16

### Year Four

#### Fall

- Applied Systems Requirement  
  3
- **CSCI 3200**  
  Programming Languages  
  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

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### Contact Us

For additional questions please contact:

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

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### Notes

- 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.

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### Saint Louis University Courses

#### Year Three

#### Fall

- **CSCI 2100**  
  Data Structures  
  4