GEOINFORMATICS AND GEOSPATIAL ANALYTICS, 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: Geoinformatics and Geospatial Analytics, 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>
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<tbody>
<tr>
<td>COM 107</td>
<td>Public Speaking</td>
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<td>CMM 1200</td>
<td>3</td>
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<td>ENG 101</td>
<td>College Composition I</td>
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<td>ENGL 1500</td>
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Year Two

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<th>Equivalent SLU Credits</th>
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<tbody>
<tr>
<td>MTH 230 or MTH 215</td>
<td>Analytic Geometry and Calculus III or Linear Algebra</td>
<td>3-5</td>
<td>MATH 2530 or MATH 3110</td>
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<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>
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<tbody>
<tr>
<td>PHIL 104</td>
<td>Ethics</td>
<td>3</td>
<td>PHIL 2050</td>
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</tbody>
</table>
## Geoinformatics and Geospatial Analytics, B.S. (STLCC 2+SLU) 2022-2023

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Elective</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Natural Science with lab</td>
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<td>4</td>
<td>Natural Science Requirement</td>
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<tr>
<td>Credits</td>
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### Spring

<table>
<thead>
<tr>
<th>Course</th>
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<th>Elective</th>
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</thead>
<tbody>
<tr>
<td>ESC 101</td>
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<td>3</td>
<td>CSCI 1060 Scientific Computer Programming</td>
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<tr>
<td>MTH 212</td>
<td>3</td>
<td>3</td>
<td>MATH 1660 Discrete Mathematics</td>
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<tr>
<td>PHL 103</td>
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<td>3</td>
<td>THEO 2710 Theological Foundations</td>
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**Year Three**

**Fall**

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Fine Arts Course or Literature Course</td>
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<tr>
<td>GIS 2010</td>
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<td></td>
<td>Introduction to Location Science</td>
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<tr>
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**Spring**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Elective</th>
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<tbody>
<tr>
<td>CSCI 2100</td>
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<td>Data Structures</td>
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<tr>
<td>Elective Requirement</td>
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<tr>
<td>GIS 2030</td>
<td>3</td>
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<td>Spatial Analysis</td>
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<td>GIS 2050</td>
<td>3</td>
<td></td>
<td>Introduction to Geospatial Systems Theory and Applications</td>
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<tr>
<td>STAT 3850</td>
<td>3</td>
<td></td>
<td>Foundation of Statistics</td>
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</table>

**Year Four**

**Fall**

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<td>Introduction to Geographic Information Systems</td>
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<tr>
<td>Elective Requirement</td>
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<td>GIS 4030</td>
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<td>Geospatial Data Management</td>
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<tr>
<td>GIS 4040</td>
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<td>Introduction to Remote Sensing</td>
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<tr>
<td>Credits</td>
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</table>

**Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Elective</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Elective Requirement</td>
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<tr>
<td>GIS 4050</td>
<td>3</td>
<td></td>
<td>Digital Image Processing</td>
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<tr>
<td>GIS 4960</td>
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<td>GIS Capstone</td>
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<tr>
<td>PHIL 1050</td>
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<td></td>
<td>Introduction to Philosophy: Self and Reality</td>
</tr>
<tr>
<td>Credits</td>
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</table>

### 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 1300</td>
<td>Introduction to Object-Oriented Programming</td>
<td>4</td>
</tr>
<tr>
<td>GIS 2010</td>
<td>Introduction to Location Science</td>
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</tbody>
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