

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. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geoinformatics-geospatial-analytics-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	5
	Natural Science with lab (MOTR course) ^	4	Natural Science Requirement	4
Credits		18	18	
Spring				
ENG 102	College Composition II (MOTR ENGL 200)	3	ENGL 1900	3
MTH 220	Analytic Geometry and Calculus II	5	MATH 1520	5
	Fine Arts Course (See list below) ** or Literature Course (See list below) *	3	Fine Art Requirement or Literature Requirement	3
	Social & Behavioral Sciences (MOTR Course) (Choose any except COM 200, GEG 101, HST courses)	3	Social Science Requirement	3
	Natural Science (lab optional) (MOTR course) (choose any)	3	General Elective	3
Credits		17	17	
Year Two				
Fall				

MTH 230 or MTH 215	Analytic Geometry and Calculus III or Linear Algebra	3-5	MATH 2530 or MATH 3110	3-5
PHL 104	Ethics (MOTR 3 PHIL 102)	3	PHIL 2050	3
	Social & Behavioral Sciences (MOTR Course) (Recommend ANT 101, ANT 102, or PSC 201)	3	General Elective	3
	Natural Science with lab ^	4	Natural Science Requirement	4
Credits		13-15	13-15	
Spring				
ESC 101	Scientific Computer Programming	3	CSCI 1060	3
MTH 212	Discrete Mathematics	3	MATH 1660	3
PHL 103	World Religions (MOTR RELG 100)	3	THEO 2710	3
	Social & Behavioral Sciences - Civics Course (Choose any)	3	General Elective	3
Credits		12	12	
St. Louis Community College Total Credits		60-62	60-62	

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

**Choose from ART 100, ART 101, ART 102, ART 103, ART 109, ART 113, ART 115, ART 165, MCM 130, MUS 103, MUS 113, MUS 114, MUS 128, MUS 131, MUS 132, MUS 134, MUS 135, MUS 212, THT 101, THT 108

^ 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 1300	Introduction to Object-Oriented Programming	4

Fine Arts Course or Literature Course		3
GIS 2010	Introduction to Location Science	3
CORE 1600	Ultimate Questions: Theology	3
Foreign Language I		3
Credits		16
Spring		
CSCI 2100	Data Structures	4
Elective Requirement		3
GIS 2030	Spatial Analysis	3
GIS 2050	Introduction to Global Positioning Systems: Theory and Applications	3
STAT 3850	Foundation of Statistics	3
Credits		16
Year Four		
Fall		
Elective Requirement		3
Elective Requirement		3
GIS 4010	Introduction to Geographic Information Systems	3
GIS 4030	Geospatial Data Management	3
GIS 4040	Introduction to Remote Sensing	3
Credits		15
Spring		
Elective Requirement		3
Elective Requirement		3
GIS 4050	Digital Image Processing	3
GIS 4960	GIS Capstone	3
CORE 1700	Ultimate Questions: Philosophy	3
Credits		15
Total Credits		62

Contact Us

For additional questions please contact:

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