

# BIostatistics, 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 2025 semester.

Students who plan to transfer to SLU after spring 2025 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:

Biostatistics, 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

Transfer Course	Transfer Course Title	Transfer Course Credits	Equivalent SLU Course	Equivalent SLU Credits
<b>Year One</b>				
<b>Fall</b>				
ENG 101	College Composition I (MOTR ENGL 100)	3	ENGL 1500	3
SOC 101	Introduction to Sociology (MOTR SOCI 101) *	3	SOC 1100	3
	Natural Sciences (lab optional)(non-BIO)(MOTR course)	3	Natural Sciences Requirement	3

MTH 185	Precalculus (MOTR MATH 150)	5	MATH 1400	5
		<b>Credits</b>	14	14
<b>Spring</b>				
COM 101 or COM 107 or COM 201	Oral Communication I (MOTR COMM 100) or Public Speaking (MOTR COMM 110) or Interpersonal Communication (MOTR COMM 120)	3	CMM-1ELE or CMM 1200 or CMM 1200	3
ENG 102	College Composition II (MOTR ENGL 200)	3	ENGL 1900	3
PHL 101	Introduction to Philosophy (MOTR PHIL 100)	3	PHIL 1050	3
MTH 210	Analytic Geometry and Calculus I	5	MATH 1510	5
PSC 101	Introduction to American Politics (MOTR POSC 101) *	3	POLS 1100	3
		<b>Credits</b>	17	17
<b>Year Two</b>				
<b>Fall</b>				
PSY 200	General Psychology (MOTR PSYC 100) *	3	PSY 1010	3
BIO 140	Principles of Biology I (MOTR BIOL 150L)	5	BIOL 1240 and BIOL 1245	5
HST 115	Ancient and Medieval History to 1500 (MOTR WCIV 101)	3	HIST 1110	3
MTH 220	Analytic Geometry and Calculus II	5	MATH 1520	5
		<b>Credits</b>	16	16
<b>Spring</b>				
PHL 104	Ethics (MOTR PHIL 102)	3	PHIL 2050	3

BIO 141	Principles of Biology II	4	BIOL 1260 and BIOL 1265	4
HST 128	Western Civilization from 1500 to the Present (MOTR WCIV 102)	3	HIST 1120	3
MTH 230	Analytic Geometry and Calculus III	3	MATH 2530	3
<b>Credits</b>		15	15	
<b>St. Louis Community College Total Credits</b>		62	62	

Foreign Language II	4
<b>Credits</b>	<b>16</b>
<b>Total Credits</b>	<b>58-61</b>

## Contact Us

For additional questions please contact:

Ben Overberg  
314-977-3417  
ben.overberg@slu.edu

\* Recommended. Contact SLU for more course options or to see if a previously completed course would fulfill this requirement.

## Saint Louis University Courses

Course	Title	Credits
<b>Year Three</b>		
<b>Fall</b>		
BST 3100	Applied Biostatistics I	3
BTM 2000	Introduction to Business Technology Management	3
PUBH 2100	Introduction to Global Health	0,3
MATH 3110	Linear Algebra for Engineers	3
THEO 1000	Theological Foundations	3
<b>Credits</b>		<b>12-15</b>
<b>Spring</b>		
BST 3000	Intro to Statistical Computing	3
BST 3200	Applied Biostatistics II	3
BTM 3300	Managing Databases and Big Data	3
PUBH 3200	Evidence Based Public Health	3
Literature, Fine, Performing Arts core		3
<b>Credits</b>		<b>15</b>
<b>Year Four</b>		
<b>Fall</b>		
BST 4100	Theory of Biostatistics I	3
PUBH 4100	Biological Basis of Public Health	3
EPI 4000	Intro Epidemiology: Foundations & Practice	3
BST 4400	Introduction to Applied Data Management	3
Foreign Language I		3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
BST 4200	Theory of Biostatistics II	3
General Elective		3
General Elective		3
General Elective		3