

# CHEMISTRY, 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 2023-2024 academic catalog at St. Louis Community College and the 2025-2026 academic catalog at SLU. Students must complete all courses and transfer to SLU by the fall 2028 semester.

Students who plan to transfer to SLU after fall 2028 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 by reviewing our previous catalogs (<https://catalog.slu.edu/previous-catalogs/>).

For additional information see the catalog entry for:

Chemistry, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/chemistry/chemistry-bs/>)

## Admission Requirements

- Students must complete all the courses outlined in the program plan unless an exception is approved by Saint Louis University.
- 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 2.70 cumulative GPA at the time of transfer to SLU.
- This program plan is structured for a fall semester start at SLU. Students interested in starting the spring semester should contact SLU to explore this option.

## Program Plan

Program Plans provide a guided pathway for students to earn an associate 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	Equivalent
			SLU Course	SLU Credits
<b>Year One</b>				
<b>Fall</b>				
CHM 105	General Chemistry I (MOTR CHEM 150L) **	5	CHEM 1110 and CHEM 1115	5

COM 107	Public Speaking (MOTR COMM 110)	3	CMM 1200	3
ENG 101	College Composition I (MOTR ENGL 100)	3	ENGL 1500	3
MTH 210	Analytic Geometry and Calculus I **	5	MATH 1510	5
		<b>Credits</b>	16	16
<b>Spring</b>				
CHM 106	General Chemistry II **	5	CHEM 1120 and CHEM 1125	5
ENG 102	College Composition II (MOTR ENGL 200)	3	ENGL 1900	3
MTH 220	Analytic Geometry and Calculus II **	5	MATH 1520	5
		Choose from	CORE 3400	3
		ENG 204 (ENGL 3270), ENG 205 (ENGL 3280), ENG 211 (ENGL 3260), HST 115 (HIST 1110), HST 128 (HIST 1120), MUS 113 (MUSC 1150), MUS 114 (MUSC 1000), MUS 128 (MUSC 1000), MUS 211 (MUSC 3300), MUS 212 (MUSC 3310), THT 101 (THR 1500)		
		<b>Credits</b>	16	16
<b>Year Two</b>				
<b>Fall</b>				
PHY 122	Engineering Physics I (MOTR PHYS 200L) **	5	PHYS 1610 and PHYS 1620	5

Choose 3 3 CORE 2800 3  
 credit hours  
 from ART 109  
 (ART 2000),  
 ART 113  
 (ART 2400),  
 ART 115  
 (ART 2300),  
 ART 116  
 (ART 2450),  
 ART 165  
 (ART 2600),  
 ART 172  
 (ART 2650),  
 ENG 110  
 (ENGL 3100),  
 ENG 114  
 (ENGL 3070),  
 ENG 224  
 (ENGL 3060),  
 ENG 225  
 (ENGL 3050),  
 ENG 233  
 (ENGL 3080),  
 THT 108  
 (THR 2510)

Choose from 3 CORE 3600 3  
 ANT 101  
 (ANTH 1200),  
 ANT 102  
 (ANTH 2200),  
 ECO 140  
 (ECON 1900),  
 ECO 151  
 (ECON  
 1ELE\*), ECO  
 152 (ECON  
 1ELE\*),  
 GEG 101  
 (SOC 1180),  
 MCM 101  
 (CMM 2400),  
 PSC 201  
 (POLS 1600),  
 PSY 200  
 (PSY 1010),  
 SOC 204  
 (SOC 3430)

General 3 Elective 3  
 Elective  
**Credits** 14 14

PHL 101 Introduction 3 PHIL 1700 3  
 to Philosophy  
 (MOTR PHIL  
 100)

PHY 223 Engineering 5 PHYS 1630 5  
 Physics II \*\* and  
 PHYS 1640

Social & 3 Elective 3  
 Behavioral  
 Sciences:  
 Civics Course

Social & Behavioral Sciences Course	3	Elective	3
<b>Credits</b>	14		14
<b>St. Louis Community College Total Credits</b>	60		60

Note: This program plan is structured for a Fall semester start at SLU.  
 Students interested in starting the Spring semester should contact SLU to explore this option.  
 \*\*This course must be passed with a grade of "C" or higher. SLU must review this course if it is transferred from another institution or testing service.  
 \* ECO 151 (ECON 1ELE) and ECO 151 (ECON 1ELE) must be completed to transfer credit for ECON 1900 which fulfills SLU's CORE 3600 requirement.

## Saint Louis University Courses

Course	Title	Credits
<b>Year Three</b>		
<b>Fall</b>		
CHEM 2200 & CHEM 2205	Analytical Chemistry 1 and Analytical Chemistry 1 Laboratory	4
CHEM 2430 & CHEM 2435	Organic Chemistry 1 for Majors and Organic Chemistry 1 Lab for Majors	4
CORE 1000	Ignite First Year Seminar	2,3
CORE 1500	Cura Personalis 1: Self in Community	1
CORE 1600	Ultimate Questions: Theology	3
General Elective		3
<b>Credits</b>		<b>17-18</b>
<b>Spring</b>		
CHEM 2440 & CHEM 2445	Organic Chemistry 2 for Majors and Organic Chemistry 2 Laboratory for Majors	4
CHEM 3970	Independent Research in Chemistry	1
CHEM 4300	Mathematical Techniques in Chemistry	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
Major Elective		3
General Electives or CORE Requirements		6
Equity and Global Identities: Dignity, Ethics, and a Just Society		
Equity and Global Identities: Global Interdependence		
Equity and Global Identities: Identities in Context		
<b>Credits</b>		<b>17</b>
<b>Year Four</b>		
<b>Fall</b>		
CHEM 3100	The Chemical Literature	1
CHEM 3330	Physical Chemistry 1	3

CHEM 3970	Independent Research in Chemistry	1
CHEM 4200 & CHEM 4205	Analytical Chemistry 2 and Analytical Chemistry 2 Laboratory	4
CHEM 4500	Inorganic Chemistry	3
CORE 3500	Cura Personalis 3: Self in the World	1
General Elective or CORE Requirement Eloquentia Perfecta: Writing Intensive (EP4)		3
<b>Credits</b>		<b>16</b>
<b>Spring</b>		
CHEM 3340	Physical Chemistry 2	3
CHEM 3345	Physical Chemistry Laboratory	1
CHEM 3600	Principles of Biochemistry	3
CHEM 3970	Independent Research in Chemistry	1
CHEM 4400	Organic Spectroscopy	3
CHEM 4505	Inorganic Chemistry Laboratory	1
CORE 4000	Collaborative Inquiry	0-3
CORE 4500	Reflection-in-Action	0
<b>Credits</b>		<b>12-15</b>
<b>Total Credits</b>		<b>62-66</b>

## Contact Us

For additional questions, please contact:

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