

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 2025-2026 academic catalog at St. Louis Community College and the 2026-2027 academic catalog at SLU. Students must complete all courses and transfer to SLU by the fall 2029 semester.

Students who plan to transfer to SLU after fall 2029 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 SLU Course	Equivalent SLU Credits
Year One				
Fall				
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
		Credits	16	16
Spring				
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 one:	3	CORE 3400 3
		ART 102 (ARTH 1010), ART 103 (ART 2800), ENG 204 (ENGL 3270), ENG 205 (ENGL 3280), ENG 211 (ENGL 3260), HST 115 (HIST 1110), HST 128 (HIST 1120), HUM 109 (HIST 1ELE), HUM 110 (HIST 1ELE), MCM 131 (FMST 1450), MUS 113 (MUSC 1150), MUS 114 (MUSC 1000), MUS 128 (MUSC 1000), THT 101 (THR 1500)		
		Credits	16	16
Year Two				
Fall				
PHY 122	Engineering Physics I (MOTR PHYS 200L) **	5	PHYS 1610 and PHYS 1620	5

Choose one: 3 CORE 2800 3

ART 109
 (ART 2000),
 ART 113
 (ART 2400),
 ART 115
 (ART 2300),
 ART 116
 (ART 2450),
 ART 165
 (ART 2600),
 ART 172
 (ART 2650),
 ART 275
 (ART 2650),
 COM 111
 (CMM 1ELE),
 ENG 110
 (ENGL 3100),
 ENG 114
 (ENGL 3070),
 ENG 202
 (ENGL 3070),
 ENG 224
 (ENGL 3060),
 ENG 225
 (ENGL 3050),
 ENG 233
 (ENGL 3080),
 MCM 134
 (CMM 2510),
 THT 108
 (THR 2510)

Choose one: 3 CORE 3600 3

ANT 101
 (ANTH 1200),
 ANT 102
 (ANTH 2200),
 COM 200
 (CMM 3300),
 CRJ 122
 (CCJ 1010),
 ECO 140
 (ECON 1900),
 ECO 151
 (ECON
 1ELE*), ECO
 152 (ECON
 1ELE*),
 GEG 101
 (SOC 1180),
 MCM 101
 (CMM 2400),
 PSC 101
 (POLS 1100),
 PSC 201
 (POLS 1600),
 PSY 200
 (PSY 1010),
 SOC 204
 (SOC 3430)

	General Elective	3		Elective	3
Credits		14		14	
PHL 101	Introduction to Philosophy (MOTR PHIL 100)	3		PHIL 1700	3
PHY 223	Engineering Physics II **	5		PHYS 1630 and PHYS 1640	5
	Social & Behavioral Sciences: Civics Course	3		Elective	3
	Social & Behavioral Sciences Course	3		Elective	3
Credits		14		14	
St. Louis Community College Total Credits		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
Year Three		
Fall		
CHEM 2430 & CHEM 2435	Organic Chemistry 1 for Majors and Organic Chemistry 1 Lab for Majors	4
CHEM 2200 & CHEM 2205	Analytical Chemistry 1 and Analytical Chemistry 1 Laboratory (offered both Fall and Spring semesters)	4
CORE 1000	Ignite First Year Seminar	2,3
CORE 1500	Cura Personalis 1: Self in Community	1
CORE 1600	Ultimate Questions: Theology	3
Credits		14-15
Spring		
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

Credits		17
Year Four		
Fall		
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		3
Eloquentia Perfecta: Writing Intensive (EP4)		
Credits		16
Spring		
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	2-3
CORE 4500	Reflection-in-Action	0
Credits		14-15
Total Credits		61-63

Contact Us

For additional questions, please contact:

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