AUGSBURG UNIVERSITY

Saint Paul College
Approved Courses for Chemistry Transfer Pathway (AS)

This guide is intended for students completing the Chemistry AS Transfer Pathway. Students who do not intend to complete the 60 credit program should refer to our Transfer Guide for Saint Paul College at http://web.augsburg.edu/registrar/transfer/guides/stpaul.pdf.

The table below lists the Saint Paul courses that have approved equivalencies at Augsburg University or fulfill requirements for the B.S. Chemistry (ACS approved) major and general graduation requirements.

Saint Paul Course		Augsburg Course
ENGL 1711 Composition 1	4	ENL 111 Effective Writing
COMM 1710 Fundamentals of Public Speaking	3	COM 111 Public Speaking (LAF)
Required courses for AS degree: BIOC 2700 Biochemistry CHEM 1711 Principles of Chemistry 1 CHEM 1712 Principles of Chemistry 2 CHEM 2720 Organic Chemistry 1 CHEM 2721 Organic Chemistry 2 MATH 2749 Calculus 1 PHYS 2700 General Physics 1 (w/Calculus) MnTC Goal area 3 elective: PHYS 2710*	35-36	BIO 369 Biochemistry CHM 115 General Chemistry I w/lab CHM 116 General Chemistry II w/lab CHM 251 Organic Chemistry I w/lab CHM 252 Organic Chemistry II w/lab MAT 145 Calculus I PHY 121 General Physics I w/lab Major requirement
Complete general education requirements for AS degree: Goal area 3: BIOL 1740* Goal area 5: PSYC 1710* and SOCI 1710* Goal area 6: Choose ART, MUSC or THTR introduction course* Goal area 7-10: Choose one course	18	BIO 151 Introductory Biology Social and Behavioral Science requirement Fine Arts requirement Transfer elective credit **recommended for Augsburg*
Total transfer credit from Chemistry AS degree	**60-61**	

This information is based on the 2018-19 Augsburg University catalog.
Last updated January 2019.

		Remaining courses to complete Augsburg's B.S. ACS Certified Chemistry degree:
	47	*Major requirements*: CHM 280 Quantitative Analytical Chemistry w/lab CHM 362 Physical Chemistry: Macroscopic Theory CHM 368 Physical Chemistry: Microscopic Theory CHM 430 Advanced Thermodynamic/Separation CHM 440 Advanced Synthesis Lab CHM 450 Advanced Spectroscopy and Computational Chemistry Lab CHM 464 Advanced Organic Chemistry CHM 481 Instrumental Analysis CHM 482 Advanced Inorganic Chemistry SCI 490 Integrated Science (keystone) MAT 146 Calculus II MAT 245 Calculus III Choose 4 credits of electives (set list) Complete 4 semesters of CHM 491 seminars
	0-4	Augsburg Experience
	13	*Remaining Augsburg graduation requirements:* RLN 100 Search for Meaning WEL 100 Foundations of Fitness Complete remaining Liberal Arts Foundation course requirements (2 courses)
	0-8	*Elective credit*
	128	Final credit count for Augsburg B.S. degree (ACS certified)*

Refer to the current catalog for more information. For information about the educational opportunities available at Augsburg, please contact **Augsburg Transfer Admissions.**

E-mail: transfer@augsburg.edu
Phone: (612) 330-1001
http://www.augsburg.edu/transfer/

*Students pursuing a non-ACS B.S., a B.A. degree in Chemistry, or teaching licensure will have variations in the required course work at Augsburg. Please consult with an Augsburg transfer specialist for more details.

Students are strongly encouraged to complete the General Physics sequence by adding PHYS 2710.

Courses must be graded a C- or higher to transfer.