

Century 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 Century College at <http://web.augsburg.edu/registrar/transfer/guides/century.pdf>.

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

Century Course		Augsburg Course
ENGL 1020 or ENGL 1021	4	ENL 111 Effective Writing
COMM 1021 Public Speaking	3	COM 111 Public Speaking (LAF)
<i>Required courses for AS degree:</i>		
CHEM 1041 Principles of Chemistry I CHEM 1042 Principles of Chemistry II CHEM 2041 Organic Chemistry I CHEM 2042 Organic Chemistry II MATH 1081 Single Variable Calculus I MATH 1082 Single Variable Calculus II PHYS 1081 Introductory Physics I PHYS 1082 Introductory Physics II	40	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 MAT 146 Calculus II PHY 121 General Physics I w/lab PHY 122 General Physics II w/lab
<i>Complete 13 credits of general education course work:</i>		
Goal area 5: PSYC 1020* and SOC 1020* Goal area 6: Choose ART, MUSC, or THTR introduction course* Goal area 7-10: Complete two courses	13	Social and Behavioral Science requirement Fine Arts requirement Transfer elective credit (refer to Transfer Guide) *recommended for Augsburg
Total transfer credit from Chemistry AS degree	60	

		<i>Remaining courses to complete Augsburg's B.S. ACS Certified Chemistry degree:</i>
	47	<p><i>Major requirements:</i></p> <p>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 245 Calculus III</p> <p>Choose one: CHM 370 BioOrganic Chemistry BIO 369 Biochemistry</p> <p>Choose 4 credits of electives (set list) Complete 4 semesters of CHM 491 seminars</p>
	0-4	Augsburg Experience
	13-25	<p><i>Remaining Augsburg graduation requirements:</i></p> <p>RLN 100 Search for Meaning WEL 100 Foundations of Fitness Complete remaining Liberal Arts Foundation requirements (2-5 courses)</p>
	0-8	<i>Elective credit</i>
	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@augsborg.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.

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