

Normandale Community College Approved courses for Chemistry majors

For students planning to transfer to Augsburg University and major in Chemistry, the following departmental equivalencies are provided. This guide is intended as a supplement to Augsburg's general transfer guide available online at <http://web.augsburg.edu/registrar/transfer/guides/normandale.pdf>.

The Chemistry major at Augsburg is available as a [Bachelor of Arts](#) or a [Bachelor of Science](#). The Bachelor of Science has a [track](#) approved by the American Chemical Society (ACS). Courses are available in the traditional undergraduate program. Courses must be completed with a C- or better to transfer to the major.

The table below lists the Normandale College courses that have approved equivalencies at Augsburg.

Normandale Course	Augsburg Course	Degree Option		
		BA	BS	BS-ACS
CHEM 1061 Principles of Chemistry 1	CHM 115 General Chemistry I w/lab	✓	✓	✓
CHEM 1062 Principles of Chemistry 2	CHM 116 General Chemistry II w/lab	✓	✓	✓
CHEM 2061 Organic Chemistry 1	CHM 251 Organic Chemistry I w/lab	✓	✓	✓
CHEM 2062 Organic Chemistry 2	CHM 252 Organic Chemistry II w/lab	✓	✓	✓
CHEM 2041 Quantitative Analysis	CHM 280 Quantitative Analytical Chemistry	✓	✓	✓
CHEM 2921 Biochemistry	CHM 370 BioOrganic Chemistry	✓	✓	✓
PHYS 1121 Physics 1 for Scientists and Engineers	PHY 121 General Physics I	✓	✓	✓
PHYS 1122 Physics 2 for Scientists and Engineers	PHY 122 General Physics II	✓	✓	✓
MATH 1510 Calculus 1	MAT 145 Calculus I	✓	✓	✓
MATH 1520 Calculus 2	MAT 146 Calculus II	✓	✓	✓
MATH 2510 Calculus 3: Multivariable Calculus	MAT 245 Calculus III			✓
COMM 1101 Fundamentals of Public Speaking	<i>Required Speaking Skill course:</i> COM 111 Public Speaking	✓	✓	✓

- Students should complete all year-long sequence courses at the same school to ensure all material is covered (ex. CHEM 2061 and 2062 completed at Normandale prior to transfer).
- Students planning to transfer as a junior should have completed through Chemistry 2, Organic Chemistry 2, Physics 2, and Calculus 2 prior to transfer.
- For a complete list of courses required to complete any Chemistry major at Augsburg, including a teaching license in Chemistry, see our major checklists at <https://www.augsburg.edu/registrar/graduation/majors/>.
- For more information refer to the current catalog www.augsburg.edu/catalog.

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For more information about the educational opportunities available at Augsburg, or to speak with a Transfer specialist, please contact **Undergraduate Admissions**.

E-mail: admissions@augsborg.edu

Phone: (612) 330-1001

<http://www.augsburg.edu/admissions/>