

## Anoka-Ramsey 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/arcc.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 Anoka-Ramsey College courses that have approved equivalencies at Augsburg.

Anoka-Ramsey Course	Augsburg Course	Degree Option		
		BA	BS	BS-ACS
CHEM 1061 Principles of Chemistry I	CHM 115 General Chemistry I w/lab	✓	✓	✓
CHEM 1062 Principles of Chemistry II	CHM 116 General Chemistry II w/lab	✓	✓	✓
CHEM 2061 Organic Chemistry I	CHM 251 Organic Chemistry I w/lab	✓	✓	✓
CHEM 2062 Organic Chemistry II	CHM 252 Organic Chemistry II w/lab	✓	✓	✓
PHYS 1327 College Physics I	PHY 121 General Physics I	✓	✓	✓
PHYS 1328 College Physics II	PHY 122 General Physics II	✓	✓	✓
MATH 1400 Calculus I	MAT 145 Calculus I	✓	✓	✓
MATH 1401 Calculus II	MAT 146 Calculus II	✓	✓	✓
MATH 2220 Multivariable Calculus & Vector Analysis	MAT 245 Calculus III			✓
CMST 2215 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 Anoka-Ramsey prior to transfer).
- Students planning to transfer as a junior should have completed through Organic Chemistry II, Physics II, and Calculus II 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](http://www.augsburg.edu/catalog).

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

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Phone: (612) 330-1001

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