

## Normandale Community College: Associate of Science Chemistry Transfer Pathway to Concordia University, St. Paul: Bachelor of Arts in Chemistry On-Campus

Transfer Guide is based on the 2024-2025 Academic Catalog and may be subject to change



Step 1: Complete the below general education courses in your Associate's Degree:

\*If you are MnTC complete, all general education requirements except for Theology will be met\*

General Education Equivalencies		
Normandale General Education Courses	Credits	How it transfers to CSP*
ENGC 1101 College Writing	4	Writing General Education Area
COMM 1101 Fundamentals of Public Speaking OR COMM 1111 Interpersonal Communication	3	Communication General Education Area
MnTC Goal Area 5 Course <sup>2</sup>	3	Social Science General Education Area
MnTC Goal Area 6 Course <sup>2</sup>	3	Humanities General Education Area
<i>All remaining General Education Courses</i>	7	Elective - applied towards minimum 120 required credits*



Step 2: Complete the below major courses in your Associate's degree.

\*A minimum of 50% of the major course requirements must be completed at CSP

Major Course Equivalencies		
Normandale Major Courses	Credits	How it transfers to CSP*
CHEM 1061 Principles of Chemistry I	5	CHE 115 General Chemistry I
CHEM 1062 Principles of Chemistry II	5	CHE 116 General Chemistry II
CHEM 2061 Organic Chemistry I	5	CHE 221 Organic Chemistry I
CHEM 2062 Organic Chemistry II	5	CHE 222 Organic Chemistry II
MATH 1510 Calculus I	5	MAT 135 Calculus I
PHYS 1121 Physics for Scientists and Engineers I	5	PHS 221 General Physics I (Calc Based)
PHYS 1122 Physics for Scientists and Engineers II	5	PHS 222 General Physics II (Calc Based)
<i>All remaining Major Courses</i>	5	Elective - applied towards minimum 120 required credits*



Step 3: Complete the following minimum requirements\* at Concordia University:

Remaining General Education and Major courses requirements at Concordia University, St. Paul	Credits
<b>Remaining General Education Requirements:</b>	<b>12</b>
Theology: Must be completed at CSP	6
Humanities (2 Courses)	3
Social Science (2 Courses)	3
<b>Remaining Prerequisite Requirements:</b>	<b>7</b>
MAT 110 Introduction to Probability and Statistics <sup>3</sup>	3
BIO 120 General Biology I <sup>4</sup>	4
<b>Remaining Major Course Requirements:</b>	<b>21</b>
CHE 326 Analytical Chemistry I	4
CHE 328 Biochemistry I	4
CHE 341 Thermodynamics	4
SCI 453 Science Senior Capstone	2
SCI 435 Research and Techniques	

OR SCI 455 Research in Science OR CHE 498 Internship in Chemistry	4
Chemistry Major Electives	3
<i>Elective Credits to reach minimum requirement to reach 120*</i>	<b>20</b>
<b>Minimum Total Credits to complete at CSP</b>	<b>60</b>

***\*see reverse for important transfer policies***

<sup>1</sup>Students may receive additional general education credit depending on which courses are selected.

<sup>2</sup>If the full goal area is not complete, verify with CSP that the chosen course in each goal area will satisfy the indicated general education area. CSP cannot guarantee course transfer if the full goal area is not complete. Students who are not goal area complete and select courses not approved as a general education course at CSP may have additional credit requirements to complete at CSP.

<sup>3</sup>MAT 110 will also fulfill the Mathematics General Education Area

<sup>4</sup>BIO 120 will also fulfill the Natural Science General Education Area

### Transfer Policies:

- The above transfer guide is intended for fully completed MnTC Goal Areas only. Partially completed goal areas will be subject to course-by-course evaluation and does not guarantee transfer to a specific CSP general education area.
- An overall GPA of 2.0 or higher and major GPA of 2.0 or higher is required. (Unless the course applies toward the major, all transfer credit is accepted with a grade of Pass 'P' and does not impact your CSP GPA.).
- A minimum of 120 credits is required to earn a bachelor's degree from CSP. A minimum of 30 credits must be successfully completed at CSP and a maximum of 90 credits will be accepted in transfer.
- A minimum of half of the major credit requirements must be successfully completed at CSP.
- Completion of the full MN Transfer Curriculum will fulfill all general education credits at CSP, with the exception of Theology.
- Students may have additional credits earned from attendance at other schools, please be sure to submit all transcripts.
- The courses listed above are current as of the corresponding Academic Calendar. Course requirements are subject to change.
- Please contact the Concordia University Office of Admissions for the most up to date information.

Guide approved by Registrar & SCS: **XXXX**  
*Guide expires one year from approval*