

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

Transfer Guide is based on the 2025-2026 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 courses except for Theology will be met

General Education Equivalencies		
Normandale General Education Courses	Credits	How it transfers to CSP*
ENG 1101 College Writing	4	Communications General Education Area
COMM 1101 Fundamentals of Public Speaking OR COMM 1111 Interpersonal Communication	3	Communications General Education Area
BIOL 1501 Principles of Biology I	5	BIO 120 General Biology I ¹
Select two of the following: MATH 1100 College Algebra MATH 1150 Trigonometry MATH 1500 Pre-Calculus MATH 1510 Calculus I ³	8	MAT 135 Calculus I ³
MnTC Goal Area 5 Course ⁴	3	Social Science General Education Area
MnTC Goal Area 6 Course ⁴	3	Humanities General Education Area
All remaining General Education Courses	12	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*
BIOL 1502 Principles of Biology II	4	BIO 130 General Biology II
BIOL 2205 Genetics	4	BIO 210 Genetics
Complete one of the following: BIOL 2206 Ecology BIOL 2207 Cell Biology ² BIOL 2208 Biology of Microorganisms	4 ²	BIO 330 Cell Biology ²
CHEM 1061 Principles of Chemistry I	5	CHE 115 General Chemistry I
CHEM 1062 Principles of Chemistry II	5	CHE 116 General Chemistry II
All remaining Major Courses	0	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
Remaining General Education Requirements:	12
Theology: Must be completed at CSP	6
Humanities (1 of 2 Courses Remaining)	3
Social Science (1 of 2 Courses Remaining)	3
Remaining Major Course Requirements:	42
CHE 221 Organic Chemistry I	4
CHE 222 Organic Chemistry II	4
CHE 328 Biochemistry I	4
CHE 329 Biochemistry II	4
MAT 146 Calculus II	4

PHS 221 General Physics I	4
PHS 222 General Physics II	4
CHE 326 Analytical Chemistry I	4
CHE 341 Thermodynamics	4
SCI 435 Research and Techniques Or SCI 455 Research in Science	4
SCI 453 Science Senior Capstone	2
<i>Elective Credits to reach minimum requirement of 120*</i>	6
Minimum Total Credits to complete at CSP	60

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

¹BIO 120 will also fulfill the Natural Science General Education area at CSP.

²CSP recommends students select BIOL 2207 at Normandale as Cell Biology is required for the Biochemistry major at CSP. Students who select BIOL 2206 or BIOL 2208 will still need to complete BIO 330 at CSP.

³CSP recommends students select MATH 1510 at Normandale as Calculus I is required for the BS Biochemistry Major at CSP. Students who do not select MATH 1510 will be required to take MAT 135 at CSP. The completion of MAT 135 will also fulfill the Mathematics General Education area at CSP.

⁴If 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.

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**