

## Inver Hills Community College: Mathematics Transfer Pathway to Concordia University, St. Paul: Bachelor of Science in Mathematics

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		
Inver Hills General Education Courses	Credits	How it transfers to CSP*
MnTC Goal Area 1 Course <sup>1</sup>	3	Communications General Education Area
MnTC Goal Area 3 Course <sup>1 2</sup>	3	Natural Science General Education Area
MnTC Goal Area 5 Course <sup>1</sup>	3	Social Science General Education Area
MnTC Goal Area 6 Course <sup>1</sup>	3	Humanities General Education Area
All remaining General Education Courses	27-30	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		
Inver Hills Major Courses	Credits	How it transfers to CSP*
MATH 1133 Calculus I	5	MAT 135 Calculus I
MATH 1134 Calculus II	5	MAT 145 Calculus II
MATH 2219 Multivariable Calculus	5	MAT 255 Calculus III
Select one or both of the following two courses: MATH 2221 Introduction to Linear Algebra <sup>3</sup> MATH 2222 Introduction to Differential Equations <sup>3</sup>	3-6	MAT 375 Differential Equations and Linear Algebra
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
<b>Remaining General Education Requirements:</b>	<b>15</b>
Theology: Must be completed at CSP	6
Humanities (2 Courses)	3
Social Science (2 Courses)	3
Communication	3
<b>Remaining Major Course Requirements:</b>	<b>35</b>
MAT 110 Introduction to Probability and Statistics	3
MAT 220 Discrete Mathematics	3
MAT 305 Foundations of Geometry	3
MAT 330 Advanced Probability and Statistics	4
MAT 333 Financial Mathematics	3
MAT 450 Abstract Algebra	4
MAT 478 Mathematics Seminar	3
MAT 498 Mathematics Internship	4
MAT 499 Senior Outcomes	0
Mathematics Electives	8

Elective Credits to reach minimum requirement of 120*	10
Minimum Total Credits to complete at CSP	60

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

<sup>1</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>2</sup>Students must complete a MnTC Goal Area 3 course that includes a Lab in order to receive credit towards the Natural Science General Education Area at CSP. Students who complete a non-lab course will receive general elective credit only and will still be required to complete a Natural Science Lab course at CSP.

<sup>3</sup>CSP recommends students complete both MATH 2221 and MATH 2222 at Inver Hills because both courses are required to fulfill MAT 375 at CSP. Students who complete only one of the two courses may have to take MAT 375 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**  
Guide expires one year from approval