

## Century College: Associate of Arts Mathematics Transfer Pathway to Concordia University, St. Paul: Bachelor of Science in Actuarial Science

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 requirements except for Theology will be met\*

| General Education Equivalencies                                                                                                                                                                   |         |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------|
| Century General Education Courses                                                                                                                                                                 | Credits | How it transfers to CSP*                                 |
| ENGL 1020 Composition I<br>OR<br>ENGL 1021 Composition I                                                                                                                                          | 4       | Communications General Education Area                    |
| COMM 1021 Fundamentals of Public Speaking<br>OR<br>COMM 1031 Interpersonal Communication<br>OR<br>COMM 1041 Small Group Communication <sup>1</sup><br>OR<br>COMM 1051 Intercultural Communication | 3       | Communications General Education Area                    |
| MnTC Goal Area 3 Lab Course <sup>2</sup>                                                                                                                                                          | 4       | Natural Science General Education Area                   |
| MnTC Goal Area 5 Course <sup>3</sup>                                                                                                                                                              | 3       | Social Science General Education Area                    |
| MnTC Goal Area 5 Course <sup>3</sup>                                                                                                                                                              | 3       | Social Science General Education Area                    |
| MnTC Goal Area 6 Course <sup>3</sup>                                                                                                                                                              | 3       | Humanities General Education Area                        |
| MnTC Goal Area 6 Course <sup>3</sup>                                                                                                                                                              | 3       | Humanities General Education Area                        |
| All remaining General Education Courses                                                                                                                                                           | 17      | 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                          |         |                                                          |
|-----------------------------------------------------|---------|----------------------------------------------------------|
| Century Major Courses                               | Credits | How it transfers to CSP*                                 |
| MATH 1081 Single Variable Calculus I <sup>4</sup>   | 5       | MAT 135 Calculus I <sup>4</sup>                          |
| MATH 1082 Single Variable Calculus II               | 5       | MAT 146 Calculus II                                      |
| MATH 2081 Multivariable Calculus                    | 5       | MAT 255 Calculus III                                     |
| MATH 2082 Linear Algebra and Differential Equations | 5       | 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>6</b>  |
| Theology: Must be completed at CSP                                                           | 6         |
| <b>Remaining Major Course Requirements:</b>                                                  | <b>33</b> |
| ECO 103 Macroeconomics                                                                       | 3         |
| ECO 104 Microeconomics                                                                       | 3         |
| ACC 205 Principles of Financial Accounting                                                   | 3         |
| MATX 333 Mathematical Theory of Interest<br>OR<br>MAT 333 Financial Mathematics              | 3         |
| DATX 105 Foundations of Data Analytics I                                                     | 3         |

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| MAT 335 Probability Theory<br>OR<br>MATX 383 Probability for Actuaries | 3         |
| DATX 115 Foundations of Data Analytics II                              | 3         |
| MAT 340 Mathematical Statistics                                        | 3         |
| CSS 117 Introduction to Python                                         | 3         |
| FIN 305 Corporate Finance I                                            | 3         |
| MATX 483 Actuarial Science and Risk Management with R                  | 3         |
| <i>Elective Credits to reach minimum requirement of 120*</i>           | <b>21</b> |
| <b>Minimum Total Credits to complete at CSP</b>                        | <b>60</b> |

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

<sup>1</sup>CSP recommends students select COMM 1021, COMM 1031, or COMM 1051 as Small Group Communication is not a general education course at CSP. Students who select COMM 1041 will receive general elective credit only.

<sup>2</sup>Courses must include a lab to fulfill the Natural Science general education area.

<sup>3</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>4</sup>Will also fulfill the Mathematics 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