

**Saint Paul College: Data Science Associate of Science to
Concordia University, St. Paul: Bachelor of Science in Computer Science**
Transfer Guide is based on the 2022-2023 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		
SPCC AS Data Science Courses	Credits	How it transfers to CSP*
ENGL 1711 Composition I	4	ENG 121 College Writing
COMM 17XX ₁	3	Communications General Education Area ₁ OR General Elective Credit ₁
MATH 1740 Introduction to Statistics	4	MAT 110 Intro to Probability and Statistics
PHIL 1710 Logic	3	General Education Elective
ECON 1720 Macroeconomics ₂	3	Social Science General Education Area ₂
PHIL 1720 Ethics	3	Humanities General Education Area
MnTC Goal Area Courses ₃	6	Dependent on Course Selection ₃
<i>All remaining General Education Courses</i>	4	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		
SPCC AS Data Science Courses	Credits	How it transfers to CSP*
CSCI 1550 Database Management Fundamentals	4	CSC 230 Database Design
CSCI 1410 Computer Science & Information Systems	4	CSC 101 Introduction to Computer Science
CSCI 1523 Intro to Computing and Programming Concepts	4	CSC 115 Introduction to Python
CSCI 1524 Intro to Algorithms and Data Structures	4	CSC 420 Data Structures and Algorithms
CSCI 1541 Java Programming I	4	CSC 222 Introductory Programming with Java
<i>All remaining Major Courses</i>	10	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:	10-25
Theology: Must be completed at CSP	6
Humanities (2 Courses) ₃	0-3
Social Science (2 Courses) _{2,3}	0-6
Communication	0-3 ₁
Writing	0
Mathematics	0
Science	4
General Education Electives	0-3 ₃
Remaining Major Requirements:	35-50
CSC 175 Math for Computer Science	4
CSC 135 Client-Side Web Development	4
MAT 220 Discrete Mathematics	3

CSC 322 Object-Oriented Programming in Java	4
CSC 235 Server-Side Development	4
CSC 310 Computer Architecture and Operations Systems	4
CSC 330 Language Design and Implementation	4
CSC 422 Software Engineering	4
CSC 450 Computer Science Capstone OR CSC 498 Computer Science Internship	4
<i>Elective Credits to reach minimum requirement to reach 120*</i>	0-15
Minimum Total Credits to complete at CSP	
60	

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

¹Awarded credit will be dependent upon which COMM 17XX course is chosen

²ECON 1720 is one of two options students can select from (ECON 1720 and ECON 1730). ECON 1720 is the recommended SPC option as students will not receive general education credit for ECON 1730.

³Students may receive additional general education credit depending on which courses are selected at SPC

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 02/2023