

Saint Paul College: Computer Science Transfer Pathway Associate of Science to Concordia University, St. Paul: Bachelor of Science in Computer Science Online

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		
Course Option at COLLEGE	Credits	How it transfers to CSP*
ENGL 1711 Composition	4	ENG 121 College Writing
COMM 17XX ₁	3	Communications General Education Area OR General Elective Credit ₁
PHYS 2700 General Physics I	5	Natural Science General Education Area
MATH 2749 Calculus I	4	General Education Elective
MATH 2750 Calculus II OR MATH 1740 Intro to Statistics ₂	4	General Education Elective OR MAT 110 Intro to Probability and Statistics ₂
MnTC Goal Area 5 Course ₁	3	Social Science General Education Area OR General Elective Credit ₁
MnTC Goal Area 6 Course ₁	3	Humanities General Education Area OR General Elective Credit ₁
MnTC Course from goal area not already completed from requirements listed above ₁	2	General education area fulfillment dependent on chosen course goal area ₁
<i>All remaining General Education Courses</i>	2	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		
Course Option at COLLEGE	Credits	How it transfers to CSP*
CSCI 1410 Computer Science & Information Systems	4	CSC 101 Intro to Computer Science
CSCI 1524 Intro to Algorithms & Data Structures	4	CSC 420 Data Structures and Algorithms
CSCI 1541 Java Programming I	4	CSC 222 Introductory Programming with Java
CSCI 2460 Discrete Structures of Computer Science	4	MAT 220 Discrete Mathematics
CSCI 2570 Machine Architecture & Organization	4	CSC 310 Computer Architecture and Operating Systems
<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:	12-21
Theology: Must be completed at CSP	6
Humanities (2 Courses)	3-6
Social Science (2 Courses)	3-6
Communication	0-3
Writing	0
Mathematics	0
Science	0
Remaining Prerequisite Requirements:	0-3

MAT 110 Introduction to Probability and Statistics ²	0-3
Remaining Major Course Requirements:	36
CSC 115 Introduction to Python	4
CSC 175 Math for Computer Science	4
CSC 135 Client-Side Web Development	4
CSC 230 Database Design	4
CSC 322 Object Oriented Programming in Java	4
CSC 235 Server-Side Design	4
CSC 330 Language Design and Implementation	4
CSC 422 Software Engineering	4
CSC 450 CS Capstone	4
<i>Elective Credits to reach minimum requirement to reach 120*</i>	0-12
Minimum Total Credits to complete at CSP	60

***see reverse for important transfer policies**

¹Designation will be dependent on chosen Saint Paul College courses.

²It is recommended that students take MATH 1740 as its CSP equivalent, MAT 110 is the required general education mathematics course. If the student chooses to take MATH 2750 they will be required to take MAT 110 at CSP to fulfill the mathematics general education requirement.

Transfer Policies:

- 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