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

Transfer Guide is based on the 2023-2024 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		
NCC Computer Science Transfer Pathway **Courses**	**Credits**	**How it transfers to CSP***
ENGC 1101 College Writing	4	ENG 121 College Writing
COMM 1100 Introduction to Communication OR COMM 1101 Fundamentals of Public Speaking OR COMM 1111 Interpersonal Communication	3	Communications General Education Area
MATH 1510 Calculus I[1]	5	Computer Science Major Credit[1]
MnTC Goal Areas 3-10 (at least 4 different areas)[2]	20	Dependent on Course Selection[2]
All remaining General Education Courses	0	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		
NCC Computer Science Transfer Pathway **Courses**	**Credits**	**How it transfers to CSP***
CSCI 1101 Introduction to Computing and Problem Solving	4	CSC 115 Introduction to Python
CSCI 2002 Algorithms and Data Structures	4	CSC 420 Data Structures and Algorithms
CSCI 2021 Machine Architecture and Organization	4	CSC 310 Computer Architecture and Operating Systems
CSCI 2011/MATH 2011 Discrete Structure of Computer Science	4	MAT 220 Discrete Mathematics
CSCI 1203 Introduction to Computer Programming in Java[3]	4	CSC 222 Introductory Programming in Java[3]
All remaining Major Courses	8	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:	**8-28**
Theology: Must be completed at CSP	6
Humanities (2 Courses)	0-6@
Social Science (2 Courses)	0-6@
Communication	0
Writing	0
Mathematics	0
Science	0-4@
General Education Electives	0-6@
Remaining Prerequisite Requirements:	**3**
MAT 110 Introduction to Probability and Statistics	3
Remaining Major Course Requirements:	**32-36**
CSC 101 Introduction to Computer Science	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 Development	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
*Elective Credits to reach minimum requirement to reach 120**	0-17
Minimum Total Credits to complete at CSP	**60-67**

see reverse for important transfer policies

¹MATH 1510 will fulfill the CSC 175 requirement in the Computer Science Major
²Courses will be dependent on which NCC courses are taken
³Students who do not select CSCI 1203 at Normandale will be required to take CSC 222 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: 5/2023