

Saint Paul College: Associate of Applied Science Computer Programming 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 requirements except for Theology will be met

General Education Equivalencies		
Course Option at COLLEGE	Credits	How it transfers to CSP*
ENGL 1711 Composition	4	Writing General Education Area
COMM 17XX ₁	3	Communications General Education Area ₁
MnTC Goal Area 3 Course ₂ OR MnTC Goal Area 4 Course (MATH 1730 or proficiency)	3	Natural Science General Education Area ₂ OR Mathematics General Education Area
MnTC Goal Area 5 Course	3	Social Science General Education Area
MnTC Goal Area 6 Course	3	Humanities General Education Area
<i>All remaining General Education Courses</i>	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		
Course Option at COLLEGE	Credits	How it transfers to CSP*
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
CSCI 2570 Machine Architecture and Organization	4	CSC 310 Computer Architecture and Operating Systems
IF JAVA PROGRAMMING EMPHASIS		
CSCI 1550 Database Management Fundamentals		CSC 230 Database Design ₃
CSCI 2440 Client Side Programming I		CSC 135 Client Side Web Developments
IF WEB DEVELOPMENT EMPHASIS		
CSCI 2440 Client Side Programming I		CSC 135 Client Side Web Developments
CSCI 2442 Server Side Programming		CSC 235 Server Side Development ₄
<i>All remaining Major Courses</i>	24	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:	21-22
Theology: Must be completed at CSP	6
Humanities (2 Courses)	3
Social Science (2 Courses)	3
Communication	0
Writing	0
Mathematics	0-3
Science	0-4

General Education Electives	6
Remaining Prerequisite Course Requirements:	3
MAT 110 Introduction to Probability and Statistics	3
Remaining Major Course Requirements:	35-36
CSC 175 Math for Computer Science	4
MAT 220 Discrete Mathematics	3
CSC 135 Client Side Web Developments	4
CSC 230 Database Design ³	4
CSC 322 Object Oriented Programming in Java	4
CSC 235 Server Side Development ⁴	4
CSC 330 Language Design and Implementation	4
CSC 422 Software Engineering	4
CSC 450 Computer Science Capstone OR CSC 498 Computer Science Capstone	4
<i>Elective Credits to reach minimum requirement to reach 120*</i>	0-9
Minimum Total Credits to complete at CSP	60

***see reverse for important transfer policies**

¹Not all SPC COMM 17XX courses are eligible to come in for the CSP Communication General Education Area. CSP recommends checking to ensure students are selecting a course that will come in for the CSP Gen Ed before taking the course.

²Goal Area 3 course must include a lab to count for the CSP Natural Science Gen Ed Requirement.

³Students who completed the Java Program Emphasis will have completed CSC 230, students who take either of the other two emphases will still need to complete CSC 230.

⁴Students who completed the Web Development Emphasis will have completed CSC 325, students who take either of the other two emphases will still need to complete CSC 325.

⁵Students who complete the Java Programming Emphasis or Web Development Emphasis will have completed CSC 135, students who take the Web Based 2D Game Development Emphasis will still need to complete CSC 135.

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