

North Hennepin Community College to Concordia University, St. Paul Bachelor of Science in Computer Science (Adult Undergraduate, Online)

- ✓ **Step 1:** Complete the Computer Science Transfer Pathway AS degree at NHCC and the following Computer Science major courses (60 cr):

Computer Science Majors may complete the following requirements at North Hennepin Community College <i>Students in this program may complete up to 27 credits of CSP's 55 credit Computer Science BS major at NHCC. All available courses (more than the allowed limit of credit) are listed in Step 1. *</i>		
Program Core courses that can be completed at NHCC	Credit	How the course transfers to CSP*
MATH 1210 Applied Stat (4cr) or MATH 1130 Elem Stat (3cr) <i>Statistics course not required for the AS Transfer Pathway but is a major prerequisite at CSP and may be completed at NHCC.</i>	3-4	MAT 110 Intro to Probability and Statistics (<i>prerequisite</i>)
CSCI 1130 Introduction to Programming in Java (CS0)	4	CSC 222 Introductory Programming with Java
CSCI 2001 Object Oriented Programming (CS1)	4	CSC 322 Object Oriented Programming in Java
CSCI 2002 Data Structures and Algorithms (CS2)	4	CSC 420 Data Structures and Algorithms
CSCI 2020 Computer Architecture	4	CSC 310 Computer Architecture and Operating Systems
CSCI 2030 Database Modeling and Design	4	CSC 230 Database Design
CSCI 2010 Discrete Mathematical Structures <i>General Education requirement at NHCC but major requirement at CSP.</i>	4	CSC 175 Math for Computer Science
Students planning to transfer to CSP <i>may</i> choose one of the following program elective courses at NHCC, but should not complete the others listed because it would over maximize the credit available for transfer to CSP. *		
CSCI 1030 Programming for Internet (3 cr) Recommended program elective choice for transfer to CSP		CSC 135 Modern Web Design
CSCI 1120 Programming in C/C++ (4 cr) <u>or</u> CSCI 1150 Programming in C# for .NET (4 cr)		CSC 115 Introduction to Computer Science
CSCI 2060 Web Programming in ASP.NET (4 cr)		CSC 235 Server-Sided Development
CSCI 2100 Intro to Android Application Development (4 cr) <u>or</u> CSCI 2500 Intro to Mobile Programming in iOS (4 cr)		CSC 315 Mobile App Development

- ✓ **Step 2:** Complete the remaining general education requirements (MnTC Goal Areas) not met by an AS or AAS degree and any remaining electives through NHCC or CSP* (27 cr)

- ✓ **Step 3:** Complete the following minimum requirements* at Concordia University:

Concordia University, St. Paul BS in Computer Science Course Requirements	Credits
CSC 135 Modern Web Design (<i>If CSCI 1030 not completed in Step 1</i>)	(4)
CSC 115 Introduction to Computer Science	4
MAT 220 Discrete Mathematics	3
CSC 235 Server-Side Development	4
Choose one: CSC 315 Mobile App Development or CSC 435 Advanced Web Application Development	4
CSC 330 Language Design and Implementation	4
CSC 422 Software Engineering	4
CSC 450 Computer Science Capstone	4
Required General Education and General Elective Credits to complete the BS in Computer Science	
Theology: 2 courses, 3 credits each. Must be completed at CSP	6
Minimum Total Credits to complete at CSP	33
<i>*see www.csp.edu/transfer for important transfer policies</i>	
Approved 03-2019, OA/GS	