Anoka Ramsey 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 Anoka Ramsey Community College and the following Computer Science major courses (60 cr):

Computer Science Majors may complete the following requirements at Anoka Ramsey Community College *Students in this program may choose to complete up to half of CSP's 55 credit Computer Science BS major at Anoka Ramsey Community College. Prerequisites are not included in this total.**		
Program courses that can be completed at Anoka Ramsey Community College	**Credit**	**How the course transfers to Concordia University, St. Paul with successful completion at ARCC****
MATH 1114 Introduction to Statistics	4	MAT 110 Intro to Probability and Statistics (*prerequisite*)
MATH 1400 Calculus I	5	MAT 135 Calculus I
CSCI 1101 Intro to Computer Science & Problem-Solving	3	CSC 115 Introduction to Computer Science
CSCI 1106 Fundamentals of Computer Science I	4	CSC 222 Introductory Programming with Java
CSCI 1107 Fundamentals of Computer Science II <u>or</u> CSCI 1125 Object-Oriented Programming Using Java	4	CSC 322 Object Oriented Programming in Java
CSCI 2021 Machine Architecture and Organization	4	CSC 310 Computer Architecture and Operating Systems
CSCI 2100 Discrete Mathematics	4	MAT 220 Discrete Mathematics

Step 2: Complete the remaining general education requirements (MnTC Goal Areas) not met by an AS or AAS degree and any remaining electives through ARCC or CSP* (22 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	4
CSC 230 Database Design	4
CSC 235 Server-Side Development	4
CSC 330 Language Design and Implementation	4
CSC 422 Software Engineering	4
CSC 420 Data Structures and Algorithms	4
CSC 450 Computer Science Capstone	4
CSC 315 Mobile App Dev or CSC 435 Advanced Web Application Dev (Choose one)	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	**38**
see www.csp.edu/transfer for important transfer policies Approved 4-20, GS/OA	