Computer Science Transfer Pathway Associate of Science

START HERE

Semester 1

Course Number	Course Name	Credits	Milestone	Completed
CSCI 1130	Introduction to Programming in Java (See helpful hints)	4	Yes	☐
College Writing I	Pick one: ENGL 1200‡ or 1201	4-5		☐
	Total Credits:	**8**		

Semester 2

Course Number	Course Name	Credits	Milestone	Completed
CSCI 1040	Fundamentals of Structured Query Language (SQL)	3	Yes	☐
College Writing II	Pick one: ENGL 1202 or 1203‡	2-3		☐
Program Electives	Choose course from program electives in helpful hints	4		☐
	Total Credits:	**9**		

Semester 3

Course Number	Course Name	Credits	Milestone	Completed
CSCI 2001	Object-Oriented Programing (CS1)	4	Yes	☐
COMM 1010 or COMM 1210	Fundamentals of Public Speaking **or** Small Group Communication	3		☐
	Total Credits:	**7**		

Semester 4

Course Number	Course Name	Credits	Milestone	Completed
MATH 1221	Calculus I	5		☐
CSCI 2002	Data Structures and Algorithms (CS2)	4	Yes	☐
	Total Credits:	**9**		

Semester 5

Course Number	Course Name	Credits	Milestone	Completed
CSCI 2020 †🌟	Computer Architecture	4	Yes	☐
MnTC Goal 6	Goal Area 6 (Humanities and Fine Arts)	3		☐
	Total Credits:	**7**		

(Semester 6 continues on the next page)

Milestone Courses

should be taken in the order shown. This will help you stay on track and graduate on time.

Helpful Hints

‡ ENGL 1200 corequisite ‡ENGL 1001–College Writing I Workshop

‡ENGL 1203 corequisite ‡ENGL 1002–College Writing II Workshop

-Semester 1: CSCI 1130 must have a College Algebra (MATH 1150) placement, College Level Reading & Writing. See Advisor for questions.

Program Electives (7 credits total): CSCI 1020, 1025, 1030, 1035, 1050, 1120, 1150, 1180, 1990, 2011, 2050, 2060, 2100, 2400, 2500

-Talk with your advisor (early) about where you plan to transfer as the transfer requirements may be very different for each university.

-If you do not place into Calc I (MATH 1221), you will need to complete additional sequence of math courses

-If planning on transferring to U of M, you MUST speak to your advisor to plan your best path.

-CSCI 2030 has a pre-requisite of SQL (CSCI 1040)

Semester 6

Course Number	Course Name	Credits	Milestone	Completed
CSCI 2030	Database Modeling and Design	4		☐
BIOL 1120 or GEOG 1010	Human Biology **or** Physical Geography	3		☐

Total Credits: 7

Semester 7

Course Number	Course Name	Credits	Milestone	Completed
CSCI 2010	Discrete Mathematical Structures	4		☐
ECON 1060 or ECON 1070 or PSYC 1150	Principles of Macroeconomics **or** Principles of Microeconomics **or** General Psychology	3		☐

Total Credits: 7

Semester 8

Course Number	Course Name	Credits	Milestone	Completed
Program Elective	Choose course from program electives in helpful hints	3		☐
MnTC Elective	Additional goal area credits (goals 1 to 6)	3		☐

Total Credits: 6

Program Credit Total: 60

FINISHED

🍁Leaf/Dagger (†) means the class is only offered Fall semester. 🌸 Flower/Asterisk (*) means the class is only offered Spring Semester. Double Dagger (‡) means the course has a corequisite that must be taken at the same time.

Effective 10/4/24 AT