Helena College
UNIVERSITY OF MONTANA

Academic Pathways Map
Computer Science Transfer to UM
A.S. Jumpstart
Computer Science and Technology

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
CSCI100	Introduction to Programming	3	*	
M171	Calculus I	4	*	
NASX105	Introduction to Native American Studies	3		
WRIT101	College Writing I	3		
PHL110	Problems of Good and Evil	3		
Choose 1 of 2	COLS101, CSCI194	2 - 3		
	TOTAL CREDITS	18 - 19		

SEMESTER 2		CREDITS	MILESTONE	✓
CSCI111	Programming with Java I	3	*	
M172	Calculus II	4		
CSCI215	Social and Ethical Issues in CS	3		
CSCI240	Databases and SQL	3		
STAT216	Introduction to Statistics	3		
	TOTAL CREDITS	16		

SEMESTER 3		CREDITS	MILESTONE	✓
CSCI121	Programming with Java II	3		
PHSX220	Take PHYS 205 at Carroll College	4		
CSCI246	Discrete Structures	3		
CSCI205	Programming Languages with C/C++	3		
PSYX100	Introduction to Psychology	3		
	TOTAL CREDITS	16		

SEMESTER 4		CREDITS	MILESTONE	✓
CSCI232	Intermediate Data Structures and Algorithms	4	*	
MART145	Web Design	3		
COMX111	Introduction to Public Speaking	3		
PHSX222	Take PHYS 206 at Carroll College	4		
SOCI101	Introduction to Sociology	3		
	TOTAL CREDITS	17		

You are finished!

Pathway Advising Notes: none

Academic Year 2024 - 2025

Course Advising Notes: CSCI100: If student has extensive previous programming experience, advise student to see instructor to challenge course.

WRIT101: WRIT121 could possibly work better but it would have to work with AS degree.

PHSX220: Take PHYS 205 at Carroll College

PHSX222: Take PHYS 206 at Carroll College