

Academic Pathways Map

Civil Engineering Transfer to MSU Part Time

A.S. Jumpstart
Engineering and Math

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M171	Calculus I	4	*	
CHMY141	College Chemistry I	4	*	
WRIT101	College Writing I	3		
COLS101	First Year Seminar	3		

TOTAL CREDITS 14

SEMESTER 2		CREDITS	MILESTONE	✓
M172	Calculus II	4	*	
CHMY143	College Chemistry II	4	*	
COMX111	Introduction to Public Speaking	3	*	

TOTAL CREDITS 11

SEMESTER 3		CREDITS	MILESTONE	✓
WRIT201	College Writing II	3	*	
BIOB160	Principles of Living Systems	4	*	
PHSX220	Physics I (w/ Calculus)	4		

TOTAL CREDITS 11

SEMESTER 4		CREDITS	MILESTONE	✓
PSYX100	Introduction to Psychology	3		
PHSX222	Physics II (w/ Calculus)	4		

TOTAL CREDITS 7

SEMESTER 5		CREDITS	MILESTONE	✓
Choose 1 of 2	ARTZ105, LIT110	3		
PHL110	Problems of Good and Evil	3		

TOTAL CREDITS 6

SEMESTER 6		CREDITS	MILESTONE	✓
NASX105	Introduction to Native American Studies	3		
M115	Probability and Linear Mathematics	3		

TOTAL CREDITS 6

SEMESTER 7		CREDITS	MILESTONE	✓
STAT216	Introduction to Statistics	3		
SOCI101	Introduction to Sociology	3		

TOTAL CREDITS 6

You are finished!

Pathway Advising Notes: This is a Jumpstart Pathway. Courses taken at Helena College will transfer to Montana State University and will satisfy most of the coursework required in the first year of the Civil Engineering degree.

- There are some courses that are offered on the MSU campus only which can be taken after transfer
- M273 Multivariable Calculus and M274 Differential can be taken at MSU.
- A grade of C- or better is required in all MSU Core courses
- Some courses may be offered in the Summer.

Course Advising Notes: M171: MSU required course

Students not prepared for M 171 their first semester should consider taking M 151 the summer prior

CHMY141: MSU required course

M172: MSU required course

CHMY143: MSU required course

WRIT201: MSU required course

BIOB160: MSU required course

PHSX220: Take PHYS 205 at Carroll

PSYX100: MSU required course

PHSX222: Take PHYS 206 at Carroll

ARTZ105 or LIT110: H&FA course

Recommended courses also offered at MSU. Any H&FA course will meet this requirement for HC.

PHL110: H&FA course

PHL 110 strongly encouraged but can choose any Humanities/Fine Arts class approved for transfer. Can be taken any semester.