

Academic Pathways Map
Civil Engineering Transfer to MSU
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		
COMX111	INTRODUCTION TO PUBLIC SPEAKING	3	*	

TOTAL CREDITS 17

SEMESTER 2		CREDITS	MILESTONE	✓
M172	CALCULUS II	4	*	
PHSX220	PHYSICS I (W/ CALCULUS)	4	*	
WRIT201	COLLEGE WRITING II	3	*	
CHMY143	COLLEGE CHEMISTRY II	4	*	

TOTAL CREDITS 15

SEMESTER 3		CREDITS	MILESTONE	✓
PHSX222	PHYSICS II (W/ CALCULUS)	4	*	
BIOB160	PRINCIPLES OF LIVING SYSTEMS	4	*	
PSYX100	INTRODUCTION TO PSYCHOLOGY	3		
STAT216	INTRODUCTION TO STATISTICS	3		
PHL110	PROBLEMS OF GOOD AND EVIL	3		

TOTAL CREDITS 17

SEMESTER 4		CREDITS	MILESTONE	✓
Choose 1 of 2	ARTZ105, LIT110	3		
NASX105	INTRODUCTION TO NATIVE AMERICAN STUDIES	3		
SOCI101	INTRODUCTION TO SOCIOLOGY	3		
SPNS101	ELEMENTARY SPANISH	4		
M115	PROBABILITY AND LINEAR MATHEMATICS	3		

TOTAL CREDITS 16

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.



Course Advising Notes: M171: MSU required course.

Students not prepared for M171 their first semester should consider taking M151 the summer prior.

CHMY141: MSU required course.

COMX111: MSU required course. Course offered every fall, spring, and summer semester.

M172: MSU required course.

PHSX220: MSU required course.

WRIT201: MSU required course. Course offered every fall, spring, and summer semester.

CHMY143: MSU required course.

PHSX222: MSU required course.

BIOB160: MSU required course.

PSYX100: S&PS/H

Course offered every fall, spring, and summer semester.

PHL110: H&FA course.

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

ARTZ105 or LIT110: H&FA course. Recommended courses also offered at MSU. Any H&FA course will meet this requirement for HC.

NASX105: D & CHAI

Course offered every fall, spring, and summer semester.

SOCI101: S&PS/H

Course offered every fall, spring, and summer semester.