

## Academic Pathways Map

### Geology Transfer to MSU

A.S. Jumpstart  
Engineering and Math

#### Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
WRIT101	College Writing I	3		
M171	Calculus I	4	*	
GEO101	Introduction to Physical Geology	4	*	
CHMY141	College Chemistry I	4	*	
<b>TOTAL CREDITS</b>		<b>15</b>		

SEMESTER 2		CREDITS	MILESTONE	✓
Choose 1 of 3	ARTZ105, LIT110, PHL110	3		
CHMY143	College Chemistry II	4	*	
BIOB170	Principles of Biological Diversity	4		
M172	Calculus II	4	*	
<b>TOTAL CREDITS</b>		<b>15</b>		

SEMESTER 3		CREDITS	MILESTONE	✓
PSYX100	Introduction to Psychology	3		
PHSX205	College Physics I	4	*	
STAT216	Introduction to Statistics	3		
COMX111	Introduction to Public Speaking	3		
Choose 1 of 2	BIOB160, ENSC105	3 - 4		
<b>TOTAL CREDITS</b>		<b>16 - 17</b>		

SEMESTER 4		CREDITS	MILESTONE	✓
Choose 1 of 4	HSTA101, HSTA102, PSCI210, SOCI101	3		
NASX105	Introduction to Native American Studies	3		
Choose 1 of 3	ARTZ105, LIT110, PHL110	3		
PHSX207	College Physics II	4	*	
Choose 1 of 2	BIOB290, CHMY290	2 - 3		
<b>TOTAL CREDITS</b>		<b>15 - 16</b>		

**You are finished!**



**Pathway Advising Notes:** none

**Course Advising Notes:** M171: MSU required course. Student may need to take M151 summer prior to prepare for M171.

GEO101: Important milestone course for this pathway.

CHMY141: MSU required course.

1 of ARTZ105, LIT110, PHL110: H&FA course. Recommended courses meet core requirements at both MSU and HC. Any HC H&FA course can be taken to meet HC requirement.

CHMY143: MSU required course.

BIOB170: This course is not required by the Geology degree at MSU, but is a good science option for students wanting to complete an AS at HC.

M172: MSU required course.

PSYX100: S&PS/H course. Course meets core requirements at both MSU and HC. Any HC S&PS/H course can be taken to meet HC requirement.

PHSX205: MSU required course.

STAT216: Course provides preparation for statistics courses required at MSU.

COMX111: Course meets core requirements at both MSU and HC. Course offered every fall, spring, and summer semester.

BIOB160 or ENSC105: If student is completing an AS degree at HC, credits will be needed for degree. Recommended science courses not required by MSU but compliment the pathway. If a student took M 151 in preparation for M 171 in semester 1, this course is not needed.

1 of HSTA101, HSTA102, PSCI210, SOCI101: S&PS/H course

Recommended courses meet core requirements at MSU and HC. Any HC S&PS/H course can be taken to meet HC requirement.

NASX105: D & CHAI course.

Course offered every fall, spring, and summer semesters.

1 of ARTZ105, LIT110, PHL110: H&FA course. Recommended courses meet core requirements at both MSU and HC. Any HC H&FA course can be taken to meet HC requirement.

PHSX207: MSU required course.

BIOB290 or CHMY290: Courses meet Creative Experience core at MSU. If student is completing AS at HC, student can complete undergraduate research at HC or back transfer an MSU course after transfer.