

## Academic Pathways Map

### Geosciences Transfer to UM

A.S.

Engineering and Math

#### Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M171	CALCULUS I	4	*	
WRIT101	COLLEGE WRITING I	3		
GEO101	INTRODUCTION TO PHYSICAL GEOLOGY	4	*	
PHSX205	COLLEGE PHYSICS I	4	*	
COMX111	INTRODUCTION TO PUBLIC SPEAKING	3	*	

TOTAL CREDITS 18

SEMESTER 2		CREDITS	MILESTONE	✓
STAT216	INTRODUCTION TO STATISTICS	3	*	
PSYX100	INTRODUCTION TO PSYCHOLOGY	3		
CSCI100	INTRODUCTION TO PROGRAMMING	3	*	
BIOB170	PRINCIPLES OF BIOLOGICAL DIVERSITY	4		
NASX105	INTRODUCTION TO NATIVE AMERICAN STUDIES	3		

TOTAL CREDITS 16

SEMESTER 3		CREDITS	MILESTONE	✓
Choose 1 of 2	CHMY121, CHMY141	4	*	
BIOB160	PRINCIPLES OF LIVING SYSTEMS	4		
SPNS101	ELEMENTARY SPANISH	4		
LIT110	INTRODUCTION TO LITERATURE	3		

TOTAL CREDITS 15

SEMESTER 4		CREDITS	MILESTONE	✓
Choose 1 of 3	ECNS202, PSCI210, SOCI101	3		
SPNS102	ELEMENTARY SPANISH II	4		
ENST230	NATURE AND SOCIETY	3	*	
ENSC105	ENVIRONMENTAL SCIENCE	3		

TOTAL CREDITS 13

**You are finished!**

Pathway Advising Notes: none

**Course Advising Notes:** M171: UM required course. Student may need to take M 151 the summer or semester prior to taking M 171. M 171 is offered fall and spring semesters.

GEO101: UM required course.

PHSX205: UM required course.



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

STAT216: UM required course.

PSYX100: S&PS/H course.

CSCI100: UM required course.

BIOB170: This course is not required by UM, but it is a good science option for students that want to complete an AS at HC.

NASX105: D & CHAI course. Course offered every fall, spring, and summer semester.

CHMY121 or CHMY141: UM required course. Choose one.

BIOB160: \*or others; see notes at bottom. Course may not be needed if student takes M151 prior to taking M171 in semester 1.

SPNS101: H&FA course needed for 60 credits for degree.

LIT110: This course not required by UM degree, but it will meet the intermediate writing requirement.

1 of ECNS202, PSCI210, SOCI101: S&PS/H course. Recommended courses meet core requirements at both UM and HC. Any HC S&PS/H course will meet the HC requirement.

SPNS102: H&FA course. Meets UM language requirement. 4-credit course needed for 60 credits for degree.

ENST230: UM required course.

ENSC105: Course not required by UM, but compliments this pathway well. This course may not be needed if student completed M121 and/or M151 prior to taking M171—check overall credits earned.