

*Jumpstart Pathway*  
**Biology; Organismal Biology Transfer to Montana State University**

Associate of Science

**Academic & Career Pathway: STEM**

Student:

Advisor:

Course/Semester (Prefix, Number and Title)	Credits	Fall/Spring Only	Milestone Course	Notes	Completed
<b>Semester 1</b>					
BIOB 160 Principles of Living Systems	4	Fall only	*	MSU required course	
M 171 Calculus I	4		*		
PSYX 100 Intro to Psychology	3			S&PS/H	
WRIT 101 College Writing I	3				
COMX 111 Intro to Public Speaking	3			MSU required course. Course offered every fall, spring, and summer semester.	
<b>Total</b>	<b>17</b>				
<b>Semester 2</b>					
BIOB 170 Principles of Biological Diversity	4	Spring only	*	MSU required course	
PSYX 230 Developmental Psychology or PSYX 250 Principles of Biological Psychology	3	Spring only		S&PS/H	
STAT 216 Intro to Statistics	3		*	MSU required course	
NASX 105 Intro to Native American Studies	3			D & CHAI	
<b>Total</b>	<b>13</b>				
<b>Semester 3</b>					
CHMY 141 College Chemistry I	4	Fall only	*	MSU required course	
PHSX 205 College Physics I	4	Fall only	*	MSU required course	
BIOB 275 General Genetics	4	Fall only	*	Should meet MSU course requirement for BIOB 375 per CCN	
ARTZ 105 Visual Language Drawing, LIT 110 Intro to Literature, or PHL 110 Intro to Ethics	3			H&FA courses recommended also meet core requirements at MSU. Any H&FA course will meet this requirement for HC.	
<b>Total</b>	<b>15</b>				
<b>Semester 4</b>					
BIOB 260 Cellular and Molecular Biology	4	Spring			
CHMY 143 College Chemistry II	4	Spring	*	MSU required course	
PHSX 207 College Physics II	4	Spring	*	MSU required course	

ARTZ 105 Visual Language Drawing, LIT 110 Intro to Literature, or PHL 110 Intro to Ethics	3			H&FA courses recommended also meet core requirements at MSU. Any H&FA course will meet this requirement for HC.	
<b>Total</b>	<b>15</b>				

***\*Students must earn a C- or better in order to successfully complete a course.***

B.S. in Organismal Biology degree <http://catalog.montana.edu/undergraduate/letters-science/ecology/organismal-biology-option/>

MSU General Education core requirements [https://www.montana.edu/msu-core/msu\\_core\\_courses.html#IS\\_RS](https://www.montana.edu/msu-core/msu_core_courses.html#IS_RS)

Students can participate in optional undergraduate research or internship in their second year. Please see Larry Taylor, Phillip Sawatzki, or Rick Henry for more information.

60 credits to degree.

Students that complete the Helena College General Education Core will earn a Certificate of General Studies.

<b>Certificate of General Studies</b>		
<b>Category</b>	<b>Credits</b>	<b>Complete</b>
Natural Science with Lab		
Natural Science		
Mathematics		
Written Communication		
Oral Communication		
Social & Psychological Sciences/History		
Social & Psychological Sciences/History		
Humanities/Fine Arts		
Humanities/Fine Arts		
Cultural Diversity		
<b>Total Credits (30-32)</b>		