

The University of Montana Western
2015-2016 Catalog

Bachelor of Science: Biology Molecular Bioscience Option

Name	Evaluated by
ID #	Date

Institution	Abbreviated
Institution	Abbreviated
Institution	Abbreviated

Molecular Bioscience Option	24 Total Required Credits
------------------------------------	----------------------------------

_____	BIOB	425	Advanced Cell & Molecular Biology _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 260 and Junior standing. CHMY 321 recommended.</i>				
_____	BIOM	260	General Microbiology _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 260.</i>				
_____	CHEM	441	Biochemistry _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: CHMY 323 and BIOB 260.</i>				
 Select THREE courses from the following: (12 credits)							
_____	BIOE	250	Conservation Biology _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: 100-level M or STAT course. BIOB 101 or 160 recommended for those w/out high school biology</i>				
_____	BIOH	365	Human Anatomy & Physiology I _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 160.</i>				
_____	BIOH	370	Human Anatomy & Physiology II _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 160.</i>				
_____	BIOM	427	General Parasitology _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: Junior/Senior standing.</i>				
_____	BIOO	450	Vertebrate Zoology _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 170.</i>				
_____	M	414	Deterministic Models _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: M 172 and M 210 grade B- or higher.</i>				
_____	PHSX	224	Physics III _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: M 161 or M 171.</i>				
_____	STAT	331	Bioinformatics _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: STAT 121 and BIOB 260.</i>				
_____	STAT	335	Advanced Field Statistics _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: STAT 217 or STAT 233.</i>				
_____	STAT	433	Stochastic Modeling _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: STAT 121 and M 210 grade B- or higher.</i>				
_____	WILD	471	Wildlife Ecology and Management _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 170 and either STAT 217 or STAT 233.</i>				
_____	WILD	473	Fisheries Ecology and Management _____	4	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		
			<i>Prereq: BIOB 170 and either STAT 217 or STAT 233.</i>				