

**MONTANA STATE UNIVERSITY - DEPARTMENT OF LAND RESOURCES & ENVIRONMENTAL SCIENCES**  
**Degree Requirements for a B. S. in Environmental Sciences - Environmental Sciences Option**      **2017 - 2018 Catalog**

**Name:** \_\_\_\_\_ **GID#** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Graduating Semester:** \_\_\_\_\_

*A minimum of 120 credits is required for graduation; at least 42 of these credits must be in courses numbered 300 and above.*  
**ALL DEPARTMENTAL REQUIREMENTS & THEIR PREREQUISITES MUST BE A GRADE OF C- OR BETTER**  
**GRADUATION WORKSHEETS ARE DUE ONE YEAR BEFORE GRADUATION**

<b>DEPARTMENTAL REQUIREMENTS</b>					
<b>Subject/#</b>	<b>Course Title</b>	<b>Credits</b>	<b>Semester</b>	<b>Year</b>	<b>EXCEPTIONS</b>
<b>Freshman Year</b>					
ENSC 110	Land Resources & Environmental Sci	3	F		
BIOB 170IN	Principles of Biological Diversity	4	F S (F)		
CHMY 141	College Chemistry I	4	F S Su (F)		
BIOB 160	Principles of Living Systems	4	F S (S)		
CHMY 143	College Chemistry II	4	F S Su (S)		
M 161Q (or higher)	Survey of Calculus	4	F S Su (S)		
WRIT 101W	College Writing I	3	F S Su		
<i>WRIT 101W is waived with an ACT English Score of 28 or higher, an SAT Critical Writing score of 650 or higher, an MUS Writing Assessment of 5.5, or an ACT/SAT essay/writing subscore of 11.</i>					
US CORE	University Seminar	3	F S Su		
<b>Sophomore Year</b>		<b>Credits</b>	<b>Semester</b>	<b>Year</b>	<b>EXCEPTIONS</b>
ENSC 210	Role of Plants in the Environment	3	S		
ENSC 245IN	Soils	3	F		
GPHY 284	Intro to GIS Science & Cartography	3	F S (F)		
PHSX 205	College Physics I	4	F S Su (F)		
ENSC 260	Evolution for Environ Scientists	3	S		
WRIT 201	College Writing II	3	F S Su (S)		
STAT 216 (or higher) or	Intro to Statistics	3	F S Su (S)		
BIOB 318	Biometry	3	F		
University Core		9			
<b>Junior Year</b>		<b>Credits</b>	<b>Semester</b>	<b>Year</b>	<b>EXCEPTIONS</b>
ENSC 353	Environmental Biogeochemistry	3	F		
NRSM 240 or	Natural Resource Ecology	3	F		
BIOE 370	General Ecology	3	F S		
Restricted & Free Electives		24			
<b>Senior Year</b>		<b>Credits</b>	<b>Semester</b>	<b>Year</b>	<b>EXCEPTIONS</b>
ENSC 444	Watershed Hydrology	3	F		
ENSC 464 or	Computational Techniques Envir Sci	1	S		
ENSC 465	Environmental Biophysics I	3	S		
ENSC 499R	LRES Capstone	3	F		
NRSM 430 or	Natural Resource Law	3	S		
PSCI 362	Natural Resource Policy	3	S		
Restricted & Free Electives		18-20			
<b>CORE 2.0 REQUIREMENTS - Must be a grade C- or better</b>		<b>Semester</b>	<b>Year</b>	<b>Course</b>	
Seminar (US)					
College Writing (W)*					
Quantitative Reasoning (Q)*					
Diversity (D)					
Contemporary Issues in Science (CS)* <b>2nd IN Course will apply to CS</b>					
Arts (IA or RA)					
Humanities (IH or RH)					
Social Sciences (IS or RS)					
Natural Science (IN or RN)*					
Research & Creative Experience (R, RA, RH, RN or RS)					

\*Satisfied by departmental requirements

