

MONTANA STATE UNIVERSITY - DEPARTMENT OF LAND RESOURCES & ENVIRONMENTAL SCIENCES

Degree Requirements for a B. S. in Environmental Sciences

2016 - 2017 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

DEPARTMENTAL REQUIREMENTS: 61-63 Credits

| Subject/# | Course Title | Credits | Semester | Year | EXCEPTIONS |
|----------------------|------------------------------------|---------|------------|------|------------|
| Freshman Year | | | | | |
| 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 | | |

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.

| | | | | | |
|---------|--------------------|---|--------|--|--|
| US CORE | University Seminar | 3 | F S Su | | |
|---------|--------------------|---|--------|--|--|

| Sophomore Year | | Credits | Semester | Year | EXCEPTIONS |
|-----------------------|--|---------|------------|------|------------|
| ENSC 245IN | Soils | 3 | F | | |
| GPHY 284 | Intro to GIS Science & Cartography Spatial Sci Tech & Application | 3 | F S (F) | | |
| GPHY 262 or | | 3 | S | | |
| 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) | Intro to Statistics | 3 | F S Su (S) | | |
| University Core | | 12 | | | |

| Junior Year | | Credits | Semester | Year | EXCEPTIONS |
|-----------------------------|--|---------|----------|------|------------|
| ENSC 353 | Environmental Biogeochemistry | 3 | F | | |
| ENSC 464 or | Computational Techniques Envir Sci Environmental Biophysics I | 1 | S | | |
| ENSC 465 | | 3 | S | | |
| NRSM 240 or | Natural Resource Ecology General Ecology | 3 | F | | |
| BIOE 370 | | 3 | F S | | |
| Restricted & Free Electives | | 21-23 | | | |

| Senior Year | | Credits | Semester | Year | EXCEPTIONS |
|-----------------------------|---|---------|----------|------|------------|
| ENSC 444 | Watershed Hydrology | 3 | F | | |
| ENSC 499R | LRES Capstone | 3 | F | | |
| NRSM 430 or | Natural Resource Law Natural Resource Policy | 3 | S | | |
| PSCI 362 | | 3 | S | | |
| Restricted & Free Electives | | 21 | | | |

| CORE 2.0 REQUIREMENTS - Must be a grade C- or better | Semester | Year | Course |
|--|----------|------|--------|
| Seminar (US) | | | |
| College Writing (W)* | | | |
| Quantitative Reasoning (Q)* | | | |
| Diversity (D) | | | |
| Contemporary Issues in Science (CS)* 2nd IN Course will apply to CS | | | |
| Arts (IA or RA) | | | |
| Humanities (IH or RH) | | | |
| Social Sciences (IS or RS) | | | |
| Natural Science (IN or RN)* | | | |
| Research & Creative ExperienceR (R, RA, RH, RN or RS) | | | |

*Satisfied by departmental requirements

