

NEVADA STATE UNIVERSITY

SCHOOL OF LIBERAL ARTS, SCIENCES, & BUSINESS

ENVIRONMENTAL AND RESOURCE SCIENCE, B.S.

COLLEGE CORE CURRICULUM (33-44 CREDITS)

Unless otherwise noted, please refer to the Nevada State catalog for full list of Core requirements. Classes in the major requirements may be used to satisfy the Core requirements; consult an Academic Advisor for details. Note: A single course cannot fulfill more than one core requirement.

 ENGLISH 3-8 CREDITS

Nevada State students can be placed into English courses by submitting ACT or SAT scores or by completing the Directed Self Placement survey to better guide their placement. Students who complete Composition II will satisfy the Core Curriculum Composition requirement. Typically, students take Composition I during their first semester at the college and Composition II during the second semester.

- English Composition I (ENG 100, 101, or 116) 3-5
 English Composition II 3

 STUDY AND TECHNOLOGY SKILLS 0-3 CREDITS

Transfer students with 30 or more transferrable college credits or Nevada State students who complete the Nepantla Summer Bridge Program with an average GPA of 3.0 or greater will be able to waive the Study and Technology Skills Core Requirement.

- College Success (CEP 123 or ALS 101N) 2-3

 MATHEMATICS 3-4 CREDITS

Nevada State students can be placed into Math courses by submitting ACT or SAT scores or by completing the Math Directed Self-Placement survey to better guide their placement. Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor regarding your specific major requirements.

 NATURAL SCIENCES 7-8 CREDITS

Students are required to take two science courses, at least one of which must include an associated laboratory component. Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor.

- Natural Science Core 3-4
 Natural Science Core with Lab 4

 SOCIAL SCIENCES 3 CREDITS FINE ARTS 3 CREDITS HUMANITIES 6 CREDITS

- Humanities Core 3
 Humanities Core 3

 CONSTITUTION 3-6 CREDITS

Completion of US and NV Constitutions required. Complete either one US Constitution course and one NV Constitution course or complete one course that fulfills both US and NV Constitutions (CH 203 or PSC 101).

- Nevada Constitution 0-3
 United States Constitution 0-3

 CULTURAL DIVERSITY 3 CREDITS

For a full breakdown of requirements for the Environmental and Resource Science major, please refer to accompanying "Major Degree Checklist"

MAJOR REQUIREMENTS (65-67 CREDITS)

ADDITIONAL GENERAL ELECTIVES (21-34 CREDITS)

TOTAL CREDITS FOR DEGREE (120 CREDITS)

Check box when requirement is satisfied

**Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

† Indicates a lab is required.

This sample degree checklist is a planning tool intended for the current academic year. Each student's situation is unique and your degree may differ from the sample presented here. It is recommended that current NS students review the Academic Requirements report in their Student Center to monitor progress toward their degree and graduation requirements. It is also strongly recommended that you meet regularly with your Academic Advisor to verify degree progression.

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All courses used to fulfill major requirements must be completed with a minimum C-. Grades below a C- carry no credit towards major requirements.

MAJOR REQUIREMENTS (65-67 CREDITS)

ENVIRONMENTAL AND RESOURCE
SCIENCE CORE COURSES

25 CREDITS

- | | | | |
|--------------------------|---------------------|---|---|
| <input type="checkbox"/> | BIOL 190** † | Intro to Cell and Molecular Biology | 4 |
| <input type="checkbox"/> | BIOL 191 † | Intro to Organismal Biology | 4 |
| <input type="checkbox"/> | ENV 101 | Intro to Environmental Science | 3 |
| | ENV 220** | Intro to Ecological Principles | 3 |
| <input type="checkbox"/> | OR | | |
| | BIOL 220** | Intro to Ecological Principles | 3 |
| <input type="checkbox"/> | ENV 480 | Geographic Information Systems for Environmental Management | 4 |
| <input type="checkbox"/> | GEOG 117 | Intro to Meteorology/Climatology | 3 |
| <input type="checkbox"/> | GEOL 101 † | Geology: Exploring Planet Earth | 4 |

RELATED MATH/SCIENCE CORE COURSES

19 CREDITS

- | | | | |
|--------------------------|---------------------|--|---|
| <input type="checkbox"/> | CHEM 121** † | General Chemistry I | 4 |
| <input type="checkbox"/> | CHEM 122** † | General Chemistry II | 4 |
| <input type="checkbox"/> | MATH 181** | Calculus I | 4 |
| <input type="checkbox"/> | PHYS 151** † | General Physics I | 4 |
| <input type="checkbox"/> | STAT 391** | Applied Statistics for Biological Sciences | 3 |

ENVIRONMENTAL AND RESOURCE
SCIENCE ELECTIVES

21-23 CREDITS

Choose 3 courses from the following (9-11 credits):

AREA A

9-11 CREDITS

- | | | | |
|--------------------------|---------------------|--|---|
| <input type="checkbox"/> | ENV 345** | Environmental Regulations: History, Law, and Methods | 3 |
| <input type="checkbox"/> | NRES 210** | Environmental Pollution | 3 |
| <input type="checkbox"/> | NRES 304** | Principles of Hydrology | 3 |
| <input type="checkbox"/> | NRES 322** | Soils | 3 |
| | BIOL 441** | Field Ecology | 4 |
| <input type="checkbox"/> | OR | | |
| | BIOL 472** † | Limnology | 4 |

AREA B

12 CREDITS

Choose 12 additional credit hours from the following list or those not taken in the major elective "list A" above. Choose from: BIOL 300** †, 305**, 319**, 321**, 330** †, 340**, 351** †, 408**, 415**, 416**, 419**, 433**, 441**, 462**, 472** †, ENV 345**, 492**, 493**, 494; GEOL 333**, 405**, NRES 210**, 304**, 322**, 360**, 416**, 432**, 467**, 480**, 485/485L** †, ENV 494/BIOL 494**.

One course must be a 4-credit course that includes a lab component. NRES 416 or NRES 480 may be repeated for credit in Area B, but should total no more than 6 credits (either repeated or in combination).

- | | | | |
|--------------------------|-----------------|-----------------|-----|
| <input type="checkbox"/> | ELECTIVE | Area B Elective | 3-4 |
| <input type="checkbox"/> | ELECTIVE | Area B Elective | 3-4 |
| <input type="checkbox"/> | ELECTIVE | Area B Elective | 3-4 |
| <input type="checkbox"/> | ELECTIVE | Area B Elective | 3-4 |

TOTAL CREDITS FOR DEGREE (120 CREDITS)

Check box when requirement is satisfied

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