

## NEVADA STATE COLLEGE

## SCHOOL OF LIBERAL ARTS &amp; SCIENCES

## ENVIRONMENTAL AND RESOURCE SCIENCE, B.S.

## COLLEGE CORE CURRICULUM (33-44 CREDITS)

Unless otherwise noted, please refer to the NSC catalog for full list of core requirements. Note: A single course cannot be used to fulfill both a major and core curriculum requirement. Additionally, a single course cannot fulfill more than one core requirement.

 ENGLISH 3-8 CREDITS

NSC students can be placed into English courses by submitting ACT or SAT scores, or by completing the Directed Self Placement questionnaire. Students who complete Composition II will satisfy the Core Curriculum 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 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.

 MATHEMATICS 4 CREDITS

NSC students can directly self-place into Mathematics, however it is recommended that students place according to their ACT/SAT scores or complete EdReady to better guide their placement. All degree programs require MATH 120 or higher to fulfill the Mathematics Core Curriculum (please see your degree outline for specific course requirements).

The following is required as a Environmental and Resource Science major within the Core Mathematics requirement:

- MATH 181\*\* | Calculus I 4

 NATURAL SCIENCES 8 CREDITS

The following is required as a Environmental and Resource Science major within the Core Natural Science requirement:

- CHEM 121\*\*† | General Chemistry I 4  
 CHEM 122\*\*† | General Chemistry II 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 (53-55 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.



SCAN HERE FOR MORE  
INFORMATION ON THE COLLEGE  
CORE CURRICULUM INCLUDING A  
FULL LIST OF ELIGIBLE COURSES

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## SCHOOL OF LIBERAL ARTS &amp; SCIENCES

## ENVIRONMENTAL AND RESOURCE SCIENCE, B.S.

## MAJOR REQUIREMENTS (53-55 CREDITS)

ENVIRONMENTAL AND RESOURCE  
SCIENCE CORE COURSES

32 CREDITS

- |                          |                     |  |   |
|--------------------------|---------------------|--|---|
| <input type="checkbox"/> | <b>BIOL 190** †</b> | Intro to Cell and Molecular Biology                            | 4 |
| <input type="checkbox"/> | <b>BIOL 191 †</b>   | Intro to Organismal Biology                                    | 4 |
| <input type="checkbox"/> | <b>ENV 101</b>      | Intro to Environmental Science                                 | 3 |
| <input type="checkbox"/> | <b>ENV 480</b>      | Geographic Information Systems for<br>Environmental Management | 4 |
| <input type="checkbox"/> | <b>GEOG 117</b>     | Intro to Meteorology   | 3 |
| <input type="checkbox"/> | <b>GEOL 101 †</b>   | Geology: Exploring Planet Earth                                | 4 |
| <input type="checkbox"/> | <b>PHYS 151** †</b> | General Physics I  | 4 |
| <input type="checkbox"/> | <b>STAT 391**</b>   | Statistics for Biological Sciences                             | 3 |
|                          | <b>ENV 220**</b>    | Intro to Ecological Principles                                 | 3 |
| <input type="checkbox"/> | <b>OR</b>           |  |   |
|                          | <b>BIOL 220**</b>   | Intro to Ecological Principles                                 | 3 |

ENVIRONMENTAL AND RESOURCE  
SCIENCE ELECTIVES

21-23 CREDITS

## AREA A

9-11 CREDITS

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

## 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 201\*\*, 345\*\*, 480\*\*, 492\*\*, 493\*\*, 494; GEOL 333\*\*, 405\*\*, NRES 210\*\*, 304\*\*, 322\*\*, 360\*\*, 416\*\*, 432\*\*, 467\*\*, 480\*\*, 485/485L\*\* †.

One course must be a 4-credit course that includes a lab component.

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

## TOTAL CREDITS FOR DEGREE (120 CREDITS)

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INFORMATION INCLUDING  
COURSE DESCRIPTIONS AND  
PREREQUISITES.

