# NATURAL RESOURCES: ENVIRONMENTAL CONSERVATION (M.S.)

https://colsa.unh.edu/nren/natural-resources/natural-resources-ms

## Description

**NATURAL RESOURCES: ENVIRONMENTAL CONSERVATION**

Areas of interest include natural resource policy, conservation biology, sustainability, ecological ethics and values, international environmental affairs, and spatial data analysis (remote sensing and GIS).

## Requirements

### Degree Requirements

An M.S. degree is conferred upon successful completion of a program of not less than 30 credits for natural resources options: forestry, environmental conservation, environmental economics, general, soil and water resource management, and wildlife and conservation biology.

### Course Requirements or Equivalents

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 904</td>
<td>Qualitative Inquiry in Education (Policy oriented)</td>
<td>4</td>
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<tr>
<td>Or</td>
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<tr>
<td>NR 903</td>
<td>Approach to Research</td>
<td>2</td>
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And with NR 903, choose one of the following additional research methods classes for a total of 4 credits:

- NR 905  | Grant Writing                                        | 2       |
- BIOL 902 | Writing and Publishing Science                       |         |
- BIOL 950 | Scientific Communication                             |         |
- Or an alternative with approval from the Graduate Coordinator
- NR 993  | Natural and Environmental Resources Seminar          | 1-2     |
- or NR 947 | Current Issues in Ecosystem Ecology                 |         |
- NR 996  | Natural Resource Education (1 credit)                | 1-2     |
- or LSA 900 | College Teaching                                    |         |

Select one of the following Quantitative methods courses: 3-4

- BIOL 811 | Applied Biostatistics II                             |         |
- BIOL 933 | Design, Analysis, and Interpretation of Experiments  |         |
- ECON 926 | Econometrics I                                       |         |
- ESCI 801 | Quantitative Methods in Earth Sciences               |         |
- MATH 835 | Statistical Methods for Research                     |         |
- MATH 840 | Design of Experiments I                              |         |
- MATH 969 | Topics in Probability and Statistics I               |         |
- NR 909  | Analysis of Ecological Communities and Complex Data  |         |
- NR 913  | Quantitative Ecology                                 |         |
- POLT 905 | Introduction to Statistical Analysis                 |         |
- PSYC 905 | Research Methodology and Statistics I                 |         |

Or an alternative with approval from the Graduate Coordinator

Select one of the following:

- NR 899  | Master’s Thesis (and a formal presentation of the thesis) | 6       |
- NR 998  | Directed Research (and directed research results)     | 4       |

1. The thesis option will provide a research-based thesis that is the foundation for a peer-reviewed publication.
2. The directed research option shall consist of a project, designed and conducted by the student, culminating in a scholarly paper or report that is suitable for publication in the respective field of scholarship.

An approved program of study plan is required during the first semester.

### Environmental Conservation Option Requirements

Select one of the following Ecology courses: 4

- NR 806  | Soil Ecology                                         |         |
- NR 811  | Wetland Ecology and Management                       |         |
- NR 830  | Terrestrial Ecosystems                               |         |
- NR 834  | Tropical Ecology                                     |         |
- NR 851  | Aquatic Ecosystems                                   |         |
- NR 857  | Remote Sensing of the Environment                    |         |
- NR 965  | Community Ecology                                    |         |
- MEFB 825 | Marine Ecology                                       |         |

PSYC 907  | Research Methods and Statistics III                  |         |
SOC 901  | Sociological Methods I: Intermediate Social Statistics|         |
SOC 903  | Sociological Methods III: Advanced Social Statistics |         |
SOC 904  | Sociological Methods IV: Qualitative and Historical Research Methods |         |

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