**Environmental Studies Major Requirements – Political Science Emphasis (BA and BS)**

**2012-2013 Required Courses**

**UNL College of Arts and Sciences**

**ENVIRONMENTAL STUDIES CORE  13 Hours**

|  |  |  |
| --- | --- | --- |
| ENVR 101 Environmental Studies Orientation |  | 1 |
| ENVR 201 Science, Systems, Environment & Sustainability (ACE 8) |  | 3 |
| ENVR 249 Individual and Cultural Perspectives on the Environment (ACE 9) |  | 3 |
| ENVR 319 Environmental Engagement and the Community |  | 2 |
| ENVR 497 Internships in Environmental Studies |  | 1 |
| ENVR 499a Environmental Studies Senior Thesis I |  | 1 |
| ENVR 499b Environmental Studies Senior Thesis II |  | 2 |

NOTE: ENVR 499a and 499b are the capstone courses (ACE 10) for Environmental Studies majors. ENVR 499H (3 cr) is the capstone course for UNL Honors students.

**EARTH SYSTEMS 13-15 Hours**

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| **Climate -** Select one from:  NRES 104 Climate in Crisis (3 cr) METR 200 Weather and Climate (4 cr)  NRES 208 Applied Climate Science (3 cr) |  | 3-4 |
| **Earth & Energy Resources -** Select one from:  NRES 108 Earth’s Natural Resource Systems Laboratory (3 )  ENSC 110 Energy in Perspective (3 cr)  GEOL 101 Physical Geology (4 cr)  GEOL 106 Environmental Geology (3 cr)  GEOL 125 Frontiers in Antarctic Geosciences (3 cr)  GEOG 155 Elements of Physical Geography (3 cr)  GEOL 181 Quality of the Environment (3 cr) |  | 3-4 |
| **Soil -** SOIL 153 Soil Resources (4 cr) |  | 4 |
| **Water Resources -** Select one from:  ENVR 189H Humans & Water & Environment (3 cr)  WATS 281 Intro to Water Science (3 cr) |  | 3 |

**GEOSPATIAL SCIENCE 3-4 Hours**

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| Select one from the following:  NRES 312 Intro to Geospatial Information Sciences (3 cr)  NRES 412 Intro to Geographic Information Systems (4 cr)  NRES 418 Introduction to Remote Sensing (4 cr) |  | 3-4 |

**STATISTICS 3 Hours**

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| STAT 218 Intro to Statistics or equivalent  NOTE: Students cannot receive UNL credit for both MATH 203 and STAT 218. Students who transfer STAT 218 credit to UNL will not receive UNL credit for MATH 203. |  | 3 |

**HUMAN DIMENSIONS 18 Hours**

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| --- | --- | --- |
| SOCI 446 Environmental Sociology |  | 3 |
| ANTH 473 Ecological Anthropology |  | 3 |
| Students work with advisor to select courses in the areas of Human Behavior and Law (3 cr) and Resource Management, Leadership and Politics (3 cr). See course list in the UNL bulletin. |  | 6 |
| **Policy** - Select one from:  NRES 323 Natural Resources Policy or CRPL 470 Environmental Planning & Policy or AECN Natural Resource & Environmental Law |  | 3 |
| **Economics** - Select one from:  ECON 211 or ECON 212 or AECN 141 |  | 3 |

**POLITICAL SCIENCE EMPHASIS AREA 18 Hours**

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| --- | --- | --- |
| POLS 100 Power and Politics in America |  | 3 |
| Meet the requirements of the minor in political science – 15 hours including at least one course at the 400 level. |  | 15 |

**Bachelor of Arts (BA) Emphasis:**

**PUBLIC SPEAKING AND EDUCATION (BA only) 3 Hours**

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| Select one course from:  COMM 109 Fundamentals of Human Communication  COMM 209 Public Speaking  EDPS 250 Fundamentals of Child Development for Education  EDPS 251 Fundamentals of Adolescent Development for Education  ALEC 305 Presentations Strategies for Agricultural Audiences  ALEC 400 Overview to Program Planning  ALEC 413 Program Development |  | 3 |

**MATHEMATICS 3-5 Hours**

|  |  |  |
| --- | --- | --- |
| Select one from:  MATH 103 College Algebra & Trigonometry  MATH 104 Calculus for Managerial & Social Sciences  MATH 106 Analytical Geometry and Calculus I |  | 3-5 |

**NATURAL SCIENCES 14-17 Hours**

|  |  |  |
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| Select one from:  BIOS 103 Organismic Biology (4 cr)  BIOS 101 & 101L General Biology & Lab (4 cr) |  | 4 |
| Select one from:  BIOS 220 & 222 Principles of Ecology and Lab (4 cr)  BIOS 232 Ecological Issues in the Great Plains (3 cr) |  | 3-4 |
| Select from:  CHEM 105 Chemistry in Context I (4 cr)  CHEM 109 General Chemistry I (4 cr)  CHEM 113 Fundamental Chemistry I (4 cr) |  | 4 |
| Select from:  PHYS 115 Descriptive Physics (3 cr)  PHYS 141 Elementary General Physics I (5 cr)  PHYS 151 Elements of Physics (4 cr)  MSYM 109 Physical Principles in Ag (4 cr) |  | 3-5 |

***Major and Emphasis Area Requirements: 91-99 Hours***

***College Distribution Requirements, ACE Requirements, & Free Electives: 21-29 Hours***

***Credits Required to Graduate: 120***

**Bachelor of Science (BS) Emphasis:**

**MATHEMATICS 5 Hours**

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| --- | --- | --- |
| MATH 106 Analytical Geometry and Calculus I |  | 5 |

**NATURAL SCIENCES 20-22 Hours**

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| Select one from:  BIOS 103 Organismic Biology (4 cr)  BIOS 101 & 101L General Biology & Lab (4 cr) |  | 4 |
| Select one from:  BIOS 220 & 222 Principles of Ecology and Lab (4 cr)  BIOS 232 Ecological Issues in the Great Plains (3 cr) |  | 3-4 |
| Select from:  CHEM 105 & 106 Chemistry in Context I & II (8 cr)  CHEM 109 & 110 General Chemistry I & II (8 cr)  CHEM 113 & 114 Fundamental Chemistry I & II & CHEM 116 Lab (9 cr) |  | 8-9 |
| Select from:  PHYS 141 Elementary General Physics I (5 cr)  PHYS 211 & 221 General Physics I and Lab (5 cr) |  | 5 |

***Major and Emphasis Area Requirements: 96-101 Hours***

***College Distribution Requirements, ACE Requirements, & Free Electives: 19-24 Hours***

***Credits Required to Graduate: 120***