ENVIRONMENTAL STUDIES (CASNR)

Description

Website: esp.unl.edu (http://esp.unl.edu/)

The environmental studies major is designed for students who want to make a difference and contribute to solving environmental challenges on a local to global scale. Solutions to challenges such as climate change, pollution, and resource conservation require individuals who have a broad-based knowledge in the natural and social sciences, as well as strength in a specific discipline. The environmental studies major will provide the knowledge and skills needed for students to work across disciplines and to be competitive in the job market. The environmental studies program uses a holistic approach and a framework of sustainability. This framework recognizes the necessity of meeting current resource needs without compromising the environment or the ability of future generations to meet their needs.

The degree program consists of four required components:

1. Environmental studies core courses introduce students to the major (ENVR 101 Environmental Studies Orientation) and provide a foundation in the scientific and human dimensions of environmental challenges (ENVR 201 Science, Systems, Environment and Sustainability and ENVR 249 Individual and Cultural Perspectives on the Environment). Students will have the opportunity to work with individuals and organizations involved in environmental challenges within the community (ENVR 319 Environmental Engagement and the Community). The required internship course (ENVR 495 Internship in Environmental Studies) provides the opportunity to gain work experience related to academic and career objectives. The "capstone" senior thesis series (ENVR 489A Environmental Studies Senior Thesis I and ENVR 489B Environmental Studies Senior Thesis II provides an opportunity to complete a scholarly creative or research product.
2. General collateral courses in Earth and Environmental Systems, Human Dimensions, and Economics and Policy: Earth and Environmental Systems courses provide the opportunity to explore Earth's four major spheres (land, water, living things, air) and the influence humans have had on their variability over space and through time. Human Dimensions courses allow an exploration of human factors driving environmental change: law, politics, ethics, human behavior, cultural diversity, decision-making, and communication. Economics and Policy courses provide an additional lens to view environmental challenges. In addition, students will use and apply relevant research methods, tolls, and technologies to address environmental challenges in an ethical manner.
3. Ancillary requirements in natural sciences (biology, chemistry and physics), mathematics, and statistics.
4. Emphasis area courses. To provide depth within a particular discipline, completion of an emphasis area is required. Three options are available to the students—Natural Resources, Public Health, or completion of a CASNR minor. Students are also encouraged to complete an additional 6 credit hours of discipline-specific coursework at the 300 level or higher.

College Requirements

College Admission

Requirements for admission into the College of Agricultural Sciences and Natural Resources (CASNR) are consistent with general University admission requirements (one unit equals one high school year): 4 units of English, 4 units of mathematics, 3 units of natural sciences, 3 units of social sciences, and 2 units of world language. Students must also meet performance requirements: a 3.0 cumulative high school grade point average OR an ACT composite of 20 or higher, writing portion not required OR a score of 1040 or higher on the SAT Critical Reading and Math sections OR rank in the top one-half of graduating class; transfer students must have a 2.0 (on a 4.0 scale) cumulative grade point average and 2.0 on the most recent term of attendance. For students entering the PGA Golf Management degree program, a certified golf handicap of 12 or better (e.g., USGA handicap card) or written ability (MS Word file) equivalent to a 12 or better handicap by a PGA professional or high school golf coach is required. For more information, please visit http://pgm.unl.edu/requirements (http://pgm.unl.edu/requirements/).

Admission Deficiencies/Removal of Deficiencies

Students who are admitted to CASNR with core course deficiencies must remove these deficiencies within the first 30 credit hours at the University of Nebraska–Lincoln, or within the first calendar year at Nebraska, whichever takes longer, excluding foreign languages. Students have up to 60 credit hours to remove world language deficiencies. College-level coursework taken to remove deficiencies may be used to meet degree requirements in CASNR.

Deficiencies in the required entrance subjects can be removed by the completion of specified courses in the University or by correspondence.

The Office of Admissions, Alexander Building (south entrance), City Campus, provides information to new students on how deficiencies can be removed.

College Degree Requirements

Curriculum Requirements

The curriculum requirements of the College consist of three areas: ACE (Achievement-Centered Education), College of Agricultural Sciences and Natural Resources Core, and Degree Program requirements and electives. All three areas of the College Curriculum Requirements are incorporated within the description of the Major/Degree Program sections of the catalog. The individual major/degree program listings of classes ensures that a student will meet the minimum curriculum requirements of the College.

World Languages/Language Requirement

Two units of a world language are required. This requirement is usually met with two years of high school language.

Minimum Hours Required for Graduation

The College grants the bachelors degree in programs associated with agricultural sciences, natural resources, and related programs. Students working toward a degree must earn at least 120 semester hours of credit. A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation. Some degree programs have a higher cumulative grade point average required for graduation. Please check the degree program on its graduation cumulative grade point average.

Grade Rules

Removal of C-, D, and F Grades

Only the most recent letter grade received in a given course will be used in computing a student's cumulative grade point average if the student has completed the course more than once and previously received a grade or grades below C in that course.

The previous grade (or grades) will not be used in the computation of the cumulative grade point average, but it will remain a part of the academic record and will appear on any transcript.

A student can remove from his/her cumulative average a course grade of C-, D+, D, D-, or F if the student repeats the same course at the University of Nebraska and receives a grade other than P (pass), I (incomplete), N (no pass), W (withdrew), or NR (no report). If a course is no longer being offered, it is not eligible for the revised grade point average computation process.

For complete procedures and regulations, see the Office of the University Registrar website at http://www.unl.edu/regrec/course-repeats (http://www.unl.edu/regrec/course-repeats/).

Pass/No Pass

Students in CASNR may take any course offered on a Pass/No Pass basis within the 24-hour limitation established by the Faculty Senate. However, a department may specify that the Pass/No Pass status of its courses be limited to non-majors or may choose to offer some courses for letter grades only.

GPA Requirements

A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation. Some degree programs have a higher cumulative grade point average required for graduation. Please check the degree program on its graduation cumulative grade point average.

Transfer Credit Rules

To be considered for admission, a transfer student, Nebraska resident or nonresident, must have an accumulated average of C (2.0 on a 4.0 scale) and a minimum C average in the last semester of attendance at another college. Transfer students who have completed less than 12 credit hours of college study must submit either ACT or SAT scores.

Ordinarily, credits earned at an accredited college are accepted by the University. The College, however, will evaluate all hours submitted on an application for transfer and reserves the right to accept or reject any of them. Sixty (60) is the maximum number of hours the University will accept on transfer from a two-year college. Ninety (90) is the maximum number of hours the University will accept from a four-year college. Transfer credit in the degree program must be approved by the degree program advisor on a Request for Substitution Form to meet specific course requirements, group requirements, or course level requirements in the major. At least 9 hours in the major field, including the capstone course, must be completed at the University of Nebraska–Lincoln regardless of the number of hours transferred.

The College will accept no more than 10 semester hours of C-, D+, D, and D- grades from other schools. The C-, D+, D, and D- grades can only be applied to free electives. This policy does not apply to the transfer of grades from UNO or UNK to the University of Nebraska–Lincoln.

Joint Academic Transfer Programs

The College of Agricultural Sciences and Natural Resources has agreements with many institutions to support joint academic programs. The transfer programs include dual degree programs and cooperative degree programs. Dual degree programs offer students the opportunity to receive a degree from a participating institution and also to complete requirements for a bachelor of science degree in CASNR. Cooperative programs result in a single degree from either the University of Nebraska–Lincoln or the cooperating institution.

Dual Degree Programs

A to B Programs

The A to B Program, a joint academic program offered by the CASNR and participating community colleges, allows students to complete the first two years of a degree program at the participating community college and continue their education and study in a degree program leading toward a bachelor of science degree.

The A to B Program provides a basic knowledge plus specialized coursework. Students transfer into CASNR with junior standing.

Depending on the community college, students enrolled in the A to B Program may complete the requirements for an associate of science at the community college, transfer to the University of Nebraska–Lincoln, and work toward a bachelor of science degree.

Participating community colleges include:

- Central Community College
- Metropolitan Community College
- Mid-Plains Community College
- Nebraska College of Technical Agriculture
- Nebraska Indian Community College
- Northeast Community College
- Southeast Community College
- Western Nebraska Community College

3+2 Programs

Two specialized degree programs in **animal science** and **veterinary science** are offered jointly with an accredited college or school of veterinary medicine. These two programs permit CASNR animal science or veterinary science students to receive a bachelor of science degree from the University of Nebraska–Lincoln with a degree in animal science or veterinary science after successfully completing two years of the professional curriculum in veterinary medicine at an accredited veterinary school. Students who successfully complete the 3+2 Program, must provide transcripts and complete the Application for Degree form via MyRED. Students without MyRED access may apply for graduation in person at Husker Hub in the Canfield Administration Building, or by mail. Students should discuss these degree programs with their academic advisor.

Cooperative Degree Programs

Academic credit from the University and a cooperating institution are applied towards a four-year degree from either the University of Nebraska–Lincoln (University degree-granting program) or the cooperating institution (non University degree-granting program). All have approved programs of study.

UNL Degree-Granting Programs

A University of Nebraska–Lincoln degree-granting program is designed to provide students the opportunity to complete a two-year program of

study at one of the four-year institutions listed below, transfer to CASNR, and complete the requirements for a bachelor of science degree.

Chadron State College. Chadron State College offers a 2+2 program leading to a grassland ecology and management degree program and a transfer program leading to a bachelor of science in agricultural education in the teaching option.

Wayne State College. Wayne State College offers a 3+1 program leading to a bachelor of science in plant biology in the ecology and management option and a 3+1 program leading to a bachelor of science in Applied Science.

University of Nebraska at Kearney. Transfer programs are available for students pursuing degree programs leading to a bachelor of science degree.

University of Nebraska at Omaha. Transfer programs are available for students pursuing degree programs leading to a bachelor of science degree.

Non University of Nebraska–Lincoln Degree-Granting Programs

CASNR cooperates with other institutions to provide coursework that is applied towards a degree at the cooperating institution. Pre-professional programs offered by CASNR allow students to complete the first two or three years of a degree program at the University prior to transferring and completing a degree at the cooperating institution.

Chadron State College–Range Science. The 3+1 Program in range science allows Chadron State College students to pursue a range science degree through Chadron State College. Students complete three years of coursework at Chadron State College and one year of specialized range science coursework (32 credit hours) at CASNR.

Dordt College (Iowa)–Agricultural Education: Teaching Option. This program allows students to pursue an Agricultural Education Teaching Option degree leading toward a bachelor of science in agricultural education. Students at Dordt College will complete 90 credit hours in the Agricultural Education: Teaching Option Transfer Program.

Residency

Students must complete at least 30 of the total hours for their degree using University of Nebraska–Lincoln credits. At least 18 of the 30 credit hours must be in courses offered through CASNR[1] (>299) including the appropriate ACE 10 degree requirement or an approved ACE 10 substitution offered through another Nebraska college and excluding independent study regardless of the number of hours transferred. Credit earned during education abroad may be used toward the residency requirement if students register through the University of Nebraska–Lincoln and participate in prior-approved education abroad programs. University of Nebraska–Lincoln open enrollment and summer independent study courses count toward residence.

1 *Includes courses taught by CASNR faculty through interdisciplinary prefixes (e.g., LIFE, MBIO, ENVR, SCIL, EAEP, HRTM, ENSC) and CASNR crosslisted courses taught by non-CASNR faculty.*

Online and Distance Education

There are many opportunities to earn college credit online through the University of Nebraska–Lincoln. Some of these credits may be applicable not only as elective credits but also toward the fulfillment of the College's education requirements. Credits earned online may count toward residency. However, certain offerings may not be counted toward scholarship requirements or academic recognition criteria.

For further information, contact:

Office of Online and Distance Education
University of Nebraska–Lincoln
305 Brace Labs
Lincoln, NE 68588-0109
402-472-4681
http://online.unl.edu/

Independent Study Rules

Students wishing to take part in independent studies must obtain permission; complete and sign a contract form; and furnish copies of the contract to the instructor, advisor, departmental office, and the Dean's Office. The contract should be completed before registration. Forms are available in 103 Agricultural Hall or online at the CASNR website.

Independent study projects include research, literature review or extension of coursework under supervision and evaluation of a departmental faculty member.

Students may only count 12 hours of independent study toward their degrees and no more than 6 hours can be counted during their last 36 hours earned, excluding senior thesis, internships, and courses taught under an independent study number.

Other College Degree Requirements

Capstone Course Requirement

A capstone course is required for each CASNR degree program. A capstone course is defined as a course in which students are required to integrate diverse bodies of knowledge to solve a problem or formulate a policy of societal importance.

ACE Requirements

All students must fulfill the Achievement Centered Education (ACE) requirements. Information about the ACE program may be viewed at ace.unl.edu (https://ace.unl.edu/).

The minimum requirements of CASNR reflect the common core of courses that apply to students pursuing degrees in the college. Students should work with an advisor to satisfy ACE outcomes 1, 2, 3, 4, 6, and 10 with the college requirements.

Catalog Rule

Students must fulfill the requirements stated in the catalog for the academic year in which they are first admitted to the University of Nebraska–Lincoln or when they were first admitted to a Joint Academic Transfer Program. In consultation with advisors, a student may choose to follow a subsequent catalog for any academic year in which they are admitted to and enrolled as a degree-seeking student at Nebraska in the College of Agricultural Sciences and Natural Resources. Students must complete all degree requirements from a single catalog year. The catalog which a student follows for degree requirements may not be more than 10 years old at the time of graduation.

Learning Outcomes

Graduates of environmental studies will be able to:

1. Explain and apply appropriately the systemic principle of sustainability for the development of solutions to environmental and natural resource issues.
2. Organize, plan, and satisfactorily complete a senior project through scholarly creativity and/or in depth research that uses appropriate

technical knowledge, field, laboratory, geospatial, and/or social science research methodologies.

3. Describe the Earth's four major spheres: land, water, living things, and air in the context of physical, geological, and biological processes, their variability over space and time, and the extent to which humans influence them.
4. Demonstrate the ability to critically assess environmental and sustainability issues from the local to global scale considering a range of perspectives.
5. Identify, explain, and evaluate problems/questions/issues using relevant data, resources and reasoning to form carefully considered conclusions.
6. Communicate effectively to a range of audiences through the preparation of written documents along with oral and visual presentations that are consistent with professional standards.
7. Effectively work in teams and groups from various backgrounds and perspectives to address environmental challenges.
8. Demonstrate improvement in professional and interpersonal skills such as collaboration, critical thinking, problem solving, empathy, and teamwork so they can effectively operate in society and the professional world.

Major Requirements

College Core Requirements

College Integrative Course		
SCIL 101	Science and Decision-Making for a Complex World	3
Communications		
Select one Written Communication (ACE 1) course of the following:		3
ENGL 150	Writing and Inquiry	
ENGL 151	Writing and Argument	
ENGL 254	Writing and Communities	
JGEN 120	Basic Business Communication	
JGEN 200	Technical Communication I	
Select one Oral Communication (ACE 2) course of the following:		3
ALEC 102	Interpersonal Skills for Leadership	
COMM 109	Fundamentals of Human Communication	
COMM 209	Public Speaking	
COMM 286	Business and Professional Communication	
NRES 301	Environmental Communication Skills	
Select one Communication and Interpersonal Skills elective of the following:		3
Any ACE 1 course		
Any ACE 2 course		
ALEC 202	Foundations of Leadership Theory and Practice	
NRES 301	Environmental Communication Skills	
Humanities & Social Science		
Select one ACE 5 Humanities		3
Select one ACE 7 Arts		3
Credit Hours Subtotal:		18
Total Credit Hours		18

Specific Major Requirements

Environmental Studies Core

ENVR 101	Environmental Studies Orientation	1
ENVR 201	Science, Systems, Environment and Sustainability	3
ENVR 249 / NRES 249	Individual and Cultural Perspectives on the Environment	3
ENVR 319	Environmental Engagement and the Community	2
ENVR 489A	Environmental Studies Senior Thesis I [1]	1
ENVR 489B	Environmental Studies Senior Thesis II [1]	2
ENVR 495	Internship in Environmental Studies	1
Credit Hours Subtotal:		13
Earth and Environmental Systems		
Ecology		
Select one of the following:		3-4
BIOS 207	Ecology and Evolution	
NRES 220 & NRES 222	Principles of Ecology and Ecology Laboratory (Recommended)	
Soil		
SOIL 153 / AGRO 153 / HORT 153	Soil Resources	4
Climate		
Select one of the following:		3-4
POLS 332	Climate Change: Policy and Politics	
METR 100	Weather and Climate	
METR 180	Climate Change, Energy, and the Environment	
NRES 104	Climate in Crisis	
NRES 208	Climate Literacy in Natural Resources	
Earth Systems		
Select one of the following:		3-4
ENSC 110	Energy in Perspective	
GEOL 101	Dynamic Earth	
GEOL 106	Environmental Geology	
GEOL 109	Oceanography	
GEOL 120	Geology of National Parks and Monuments	
GEOL 125	Frontiers in Antarctic Geosciences	
GEOG 155	Elements of Physical Geography	
GEOG 181	Global Environmental Issues	
NRES 108	Earth's Natural Resource Systems Laboratory	
Water		
Select one of the following:		3
SCIL 109 / AECN 109 / ENVR 109 / GEOG 109 / NRES 109	Water in Society	
WATS 281 / GEOG 281 / NRES 281	Introduction to Water Science	
Geospatial Science		

Select one of the following:		3-4
CRPL 433	GIS in Environmental Design and Planning	
NRES 218	Introduction to Geospatial Technologies	
NRES 412 / GEOG 412	Introduction to Geographic Information Systems	
Credit Hours Subtotal:		23
Human Dimensions Electives [3]		
Select two courses from two different departments from the following:		6
AECN 256	Legal Aspects in Agriculture	
AECN 346	World Food Economics	
AECN 357 / NREE 357	Natural Resource and Environmental Law	
AECN 376	Rural Community Economics	
AECN 456 / NREE 456	Environmental Law	
AECN 457 / NREE 457 / WATS 457	Water Law	
ALEC 202	Foundations of Leadership Theory and Practice	
ALEC 388 / AECN 388	Ethics in Agriculture and Natural Resources	
ALEC 393	Digital Imaging and Storytelling in Agriculture and Natural Resources	
ALEC 410 / NRES 413	Environmental Leadership	
ANTH 110	Introduction to Anthropology	
ANTH 130	Anthropology of the Great Plains	
ANTH 170 / GEOG 170 / GPSP 170 / NRES 170 / SOCI 170	Introduction to Great Plains Studies	
ANTH 212 / ETHN 212	Introduction to Cultural Anthropology	
ANTH 261 / POLS 261 / SOCI 261	Conflict and Conflict Resolution	
ANTH 351 / ETHN 351	Exploring Cross Cultural Diversities	
ANTH 473	Ecological Anthropology	
ANTH 476	Human Rights, Environment, and Development	
BLAW 300	Business, Government & Society	
COMM 101	Communication in the 21st Century	
COMM 210	Communicating in Small Groups	
COMM 220	Public Advocacy and Civic Engagement	
COMM 271	Organizing Social Change	
COMM 283	Interpersonal Communication	
COMM 311 / ETHN 311	Intercultural and Intergroup Communication	
COMM 334 / POLS 334	Polls, Politics and Public Opinion	
COMM 465	Communication and Social Identity	
COMM 371	Communication in Negotiation and Conflict Resolution	
COMM 375	Theories of Persuasion	
CRPL 470	Environmental Planning and Policy	
CRPL 472	Hazard Mitigation Planning	
CYAF 460	Human Dimensions of Sustainability	
ENSC 110	Energy in Perspective	
ENSC 220	Introduction to Energy Systems	
ENSC 230	Energy and the Environment: Economics and Policy	
ENVR 189H	University Honors Seminar	
GEOG 140	Introductory Human Geography	
GEOG 181	Global Environmental Issues	
GEOG 272	Geography of World Regions	
GEOG 283	Space, the Environment and You	
GEOG 334	Historical Geography of the Great Plains	
GEOG 361	Urban Geography	
GEOG 406	Spatial and Environmental Influences in Social Systems	
GEOG 447	Political Geography	
JOMC 222	Social Justice, Human Rights and the Media	
MNGT 300	Management Essentials For Contemporary Organizations	
NRES 111	Natural Resource Conservation in Society	
NRES 301	Environmental Communication Skills	
NRES 409 / GEOG 409	Human Dimensions of Natural Resources	
NRES 423	Integrated Resources Management	
NRES 434 / ENVR 434	Environmental Education and Interpretation	
NRES 475 / AGRO 475 / CIVE 475 / CRPL 475 / GEOL 475 / MSYM 475 / POLS 475 / SOCI 475 / SOIL 475 / WATS 475	Water Quality Strategy	
PHIL 225	Environmental Ethics	
POLS 104	Comparative Politics	
POLS 130	News Literacy, The Public, and Politics	
POLS 150	Introduction to Biology, Psychology, and Politics	
POLS 160 / GLST 160	International Relations	
POLS 221	Politics in State and Local Governments	
POLS 232	Public Issues in America	
POLS 250	Genetics, Brains, and Politics	
POLS 260	Problems in International Relations	
POLS 268	Threats to World Order	
POLS 334 / COMM 334	Polls, Politics and Public Opinion	

POLS 350	Issues in Biology, Psychology, and Politics	
POLS 362	Globalization, Human Rights and Diversity	
POLS 459	International Political Economy	
POLS 470	International Human Rights	
PSYC 181	Introduction to Psychology	
PSYC 288	The Psychology of Social Behavior	
PSYC 330	Psychology of Diversity	
SOCI 101	Introduction to Sociology	
SOCI 241 / AECN 276	Rural Sociology	
SOCI 346	Environmental Sociology	
Select two courses from two different departments from the following:		6
AECN 456 / NREE 456	Environmental Law	
AECN 457 / NREE 457 / WATS 457	Water Law	
AGRO 435 / HORT 435 / NRES 435	Agroecology	
ALEC 410 / NRES 413	Environmental Leadership	
ANTH 473	Ecological Anthropology	
CRPL 300	The Community and the Future	
CRPL 471	Environmental Impact Assessment	
CYAF 460	Human Dimensions of Sustainability	
ENGL 317	Literature and the Environment	
JOMC 491	Special Topics (Climate Change Magazine Production is the course that is applicable)	
NRES 409 / GEOG 409	Human Dimensions of Natural Resources	
NRES 434 / ENVR 434	Environmental Education and Interpretation	
NSST 375	Writing and Briefing for the National Security Enterprise	
NSST 376	Analysis for the National Security Establishment	
POLS 361	The United Nations and World Politics	
POLS 362	Globalization, Human Rights and Diversity	
PSYC 334 / ENVR 334	Psychology of Environmental Sustainability	
SOCI 346	Environmental Sociology	
Credit Hours Subtotal:		12
Economics and Policy		
Select one of the following:		3
AECN 141	Introduction to the Economics of Agriculture	
ECON 200	Economic Essentials and Issues	
ECON 211	Principles of Macroeconomics	
ECON 212	Principles of Microeconomics	
Select one of the following:		3
AECN 345	Policy Issues in Agriculture and Natural Resources	
AECN 346	World Food Economics	
AECN 357 / NREE 357	Natural Resource and Environmental Law	
AECN 457 / NREE 457 / WATS 457	Water Law	
CRPL 470	Environmental Planning and Policy	
NRES 323	Natural Resources Policy	
Credit Hours Subtotal:		6
Ancillary Courses [2]		
Mathematics		
MATH 102	Trigonometry (or higher)	2-5
Statistics		
STAT 218	Introduction to Statistics (or equivalent)	3
Biological Sciences		
Select one sequence from the following:		4-8
BIOS 101 & BIOS 101L	General Biology and General Biology Laboratory	
AGRO 131 / HORT 131 & AGRO 132	Plant Science and Agronomic Plant Science Laboratory	
LIFE 120 & LIFE 120L & LIFE 121 & LIFE 121L	Fundamentals of Biology I and Fundamentals of Biology I laboratory and Fundamentals of Biology II and Fundamentals of Biology II Laboratory	
Chemistry		
Select one sequence from the following:		8
CHEM 105A & CHEM 105L & CHEM 106A & CHEM 106L	Chemistry in Context I and Chemistry in Context I Laboratory and Chemistry in Context II and Chemistry in Context II Laboratory	
CHEM 109A & CHEM 109L & CHEM 110A & CHEM 110L	General Chemistry I and General Chemistry I Laboratory and General Chemistry II and General Chemistry II Laboratory	
CHEM 113A & CHEM 113L & CHEM 114	Fundamental Chemistry I and Fundamental Chemistry I Laboratory and Fundamental Chemistry II	
Physics		
Select one of the following:		3-5
PHYS 115	Descriptive Physics	
PHYS 141	Elementary General Physics I	
PHYS 151	Elements of Physics	
MSYM 109	Physical Principles in Agriculture and Life Sciences	
Credit Hours Subtotal:		25
Program Emphasis Areas		
Select one of four options listed below this table		18-33
Core Courses (from list above)		**18**
Credit Hours Subtotal:		41
Total Credit Hours		120

[1] ENVR 489A & ENVR 489B *are the capstone courses for environmental studies majors.*
ENVR 489H *is the capstone course for Honor students.*

[2] *For students in pre-professional tracks or considering graduate studies,* MATH 104 *or* MATH 106*,* CHEM 109A/CHEM 109L *&* CHEM 110A/CHEM 110L*,* PHYS 141*, and* LIFE 120 *&* LIFE 120L*, plus* LIFE 121 *&* LIFE 121L *are the recommended courses.*

[3] *Human Dimension requirements are not required for the Customized Environmental Studies option.*

Program Emphasis Areas

Option 1. Any CASNR Minor or second major, selected in consultation with academic advisor – 18 cr

Students are strongly encouraged to add 6 additional credits at the 300 level or higher of discipline-specific courses, especially if they are considering graduate work.

Option 2. Natural Resources – 19-25 cr

The Natural Resources emphasis area has been designed to allow a student to tailor their coursework to meet their learning and career objectives. By the end of their sophomore year, the student will work with the environmental studies academic advising team to develop an individual study plan for approval. Their plan of study must include at least seven courses and a minimum of 19 hours of coursework in natural resources courses (NRES, WATS, SOIL, RNGE). Three of the courses need to be at the 300 level or above. A rationale for the courses they have chosen as they relate to learning or career objectives will be submitted with their study plan. The plan can be changed at any time, but must receive appropriate approval.

Option 3. Public Health – 18 cr

The Public Health emphasis is a collaborative program between the bachelor of science in environmental studies (BSES) at the University of Nebraska–Lincoln (UNL) and the master of public health (MPH) with a concentration in environmental and occupational health (EOH) at the University of Nebraska Medical Center (UNMC) (http://www.unmc.edu/publichealth/programs/mphdualdegree/bses-mph.html). The program provides students in the environmental studies program at UNL an option to complete the undergraduate degree in environmental studies and the MPH in EOH in about five years. The collaborative program is designed for dedicated undergraduate students who are motivated and willing to take on the challenges and opportunities related to professional education. The collaborative BSES and MPH in EOH involves intensive study, a senior thesis, service learning, and capstone courses in EOH.

The collaborative program is a 147-155 credit hour undergraduate/professional option allowing eligible students to work toward the EOH concentration in the MPH program requirements while completing their undergraduate degree. Students interested in this option will work closely with their advisors to develop an integrated plan of study. The plan will cover the entire undergraduate and professional program and will be reviewed each semester with the student's advisors. A maximum of 18 credits from the MPH program (of the required 45 graduate credits for the MPH degree) will be counted toward the undergraduate degree. The student will receive a BS in environmental studies with an emphasis in public health and an MPH with a concentration in environmental and occupational health. Students with sophomore standing and at least 45 hours of completed coursework in their undergraduate degree program may apply for admission to the collaborative BSES and MPH in EOH. See the environmental studies program coordinator or the UNMC graduate studies bulletin for prerequisite and admission process details.

The Public Health courses from the UNMC Master of Public Health program are:

- CPH 500 Foundations of Public Health
- CPH 501 Human Health Behavior
- CPH 502 Health Services Administration
- CHP 503 Public Health, Environment and Safety
- CHP 504 Epidemiology in Public Health
- CHP 506 Biostatistics I *(Will generally substitute for* STAT 218 *or equivalent.)*

Option 4. Pre-Law (Year 4) - Nebraska College of Law – 33 cr

An applicant will be accepted into the 3-3 Program (Accelerated Program) at the College of Law if the applicant:

1. Has an LSAT score of at least 156;
2. Has a cumulative undergraduate GPA of 3 .6 or higher as calculated by the Law School Admission Council;
3. Will have successfully completed at least 75% of the course credits required for his or her undergraduate degree, along with all other requirements of his or her undergraduate degree program, by the date of matriculation at the College of Law. Course credits may include no more than 6 credit hours of Pass/No Pass coursework;
4. Has submitted on time the materials required of all applicants to the College of Law, including a completed application, satisfactory letters of recommendation, a personal statement, and records of the required course credits;
5. Has not been on academic probation at any undergraduate institution;
6. Has provided the College of Law with a letter from the relevant Dean, or other administrator of equivalent authority, of the applicant's undergraduate institution stating that the applicant has completed all institutional requirements for participation in the 3-3 Law College Program and that the institution will grant the applicant an undergraduate degree upon the applicant's successful completion of the first year College of Law coursework.

If the above requirements are satisfied, the applicant will automatically be accepted into the 3-3 Law Program unless there is information concerning the applicant that reflects adversely on the applicant's character and fitness, including criminal citations, pending criminal charges, or criminal convictions. In such cases, the application will be individually reviewed by the College of Law Admissions Committee.

Year 1 College of Law

Select 33 credits from the following list of courses:		33
LAW 501 & LAW 502	Contracts I and Contracts II	
LAW 501G & LAW 502G	Contracts I and Contracts II	
LAW 503	Torts I	
LAW 505 & LAW 506	Property I and Property II	
LAW 505G & LAW 506G	Property I and Property II	
LAW 508	Criminal Law	
or LAW 508G	Criminal Law	
LAW 513 & LAW 514	Legal Analysis, Writing and Research (LAWR) and Legal Analysis, Writing and Research (LAWR)	

LAW 513G & LAW 514G	Legal Analysis, Writing and Research (LAWR) and Legal Analysis, Writing and Research (LAWR)	
LAW 516 & LAW 517	Civil Procedure I and Civil Procedure II	
LAW 516G & LAW 517G	Civil Procedure I and Civil Procedure II	
LAW 518 / LAW 518G	International Perspectives in U.S. Legal System: Practicing Law in a Global Legal Environment	
Credit Hours Subtotal:		33

Option 5. Customized Environmental Studies – 51-55 cr

Option Requirements

1. 120 credit hour minimum requirement (30 hours must be at the 300 level or above).
2. Must complete 65-69 hours of core requirements in the environmental studies major (see table below), which includes the general education requirements (ACE) and CASNR college core.
3. Achieve a grade of C or better in all courses.

Process for Student

1. Explore and articulate your interests, strengths, and abilities. Establish career goals. Research the types of career opportunities and employers of interest.
2. Consult with program director, faculty member and/or professional advisor to determine if an existing degree program satisfies your personal and professional interests.
3. Think about the academic skills and background needed for your career choice. Consider future education plans, including graduate school and professional programs.
4. Identify a faculty member from the ESCC to help you design your program of study. The advisory committee will be comprised of the ENVR Director, ESCC member, and academic advisor with the ESCC member designated as the major advisor. The major advisor must be a faculty member of the ESCC. Additional committee members can be included.
5. Develop a proposal that includes the degree program focus, what you hope to accomplish by completing this program, how your individualized program of study connects different disciplines, and the relationship between your career goals and your program of study. Also include a list of all courses taken as part of your degree along with a semester-by-semester plan of study. The selection of courses must be consistent with your personal, academic and professional interests and goals.
6. Schedule a meeting with your advisory committee to present your proposal. Once the faculty advisory committee approves the core concentration areas and program of study, the Advisory Committee Approval (ACA) form should be completed. The ACA form is available through the CASNR Dean's Office.
7. Submit the proposal and accompanying ACA form to the Environmental Studies Coordinating Committee. The committee must approve the degree program before the student completes 60 of the 120 applicable hours of the degree.
8. Students pursuing this degree option are required to have a meeting with their faculty advisor at the start of each semester (must be completed by the first week of the semester). The purpose of this meeting is to review the program of study and progress towards degree completion, along with discussing the student's professional development and career plans.

Any changes to the approved program of study must be recommended by the advisory committee and approved by the ESCC.

Additional Major Requirements

Grade Rules

C- and D Grades

Environmental studies majors must earn a C or P in all major core courses with the exception of ancillary courses.

Pass/No Pass

No environmental studies (ENVR) core courses, unless offered Pass/No Pass, or discipline-specific emphasis area courses may be taken Pass/No Pass.

Requirements for Minor Offered by Department

Environmental Studies Minor

Minimum of 18 hours with 6 hours at 300 level or above are required.

Required Environmental Studies Courses		
ENVR 101	Environmental Studies Orientation	1
ENVR 201	Science, Systems, Environment and Sustainability	3
ENVR 249	Individual and Cultural Perspectives on the Environment	3
ENVR 319	Environmental Engagement and the Community	2
Credit Hours Subtotal:		9
Earth and Environmental Systems		
Select one of the following:		3-4
BIOS 207	Ecology and Evolution	
CRPL 433	GIS in Environmental Design and Planning	
ENSC 110	Energy in Perspective	
GEOG 155	Elements of Physical Geography	
GEOG 181	Global Environmental Issues	
GEOL 101	Dynamic Earth	
GEOL 106	Environmental Geology	
GEOL 109	Oceanography	
GEOL 120	Geology of National Parks and Monuments	
GEOL 125	Frontiers in Antarctic Geosciences	
METR 100	Weather and Climate	
METR 180	Climate Change, Energy, and the Environment	
NRES 104	Climate in Crisis	
NRES 108	Earth's Natural Resource Systems Laboratory	
NRES 208	Climate Literacy in Natural Resources	
NRES 220 & NRES 222	Principles of Ecology and Ecology Laboratory (Recommended)	
NRES 218	Introduction to Geospatial Technologies	
NRES 412 / GEOG 412	Introduction to Geographic Information Systems	

POLS 332	Climate Change: Policy and Politics
SCIL 109 / AECN 109 / ENVR 109 / GEOG 109 / NRES 109	Water in Society
SOIL 153 / AGRO 153 / HORT 153	Soil Resources
WATS 281 / GEOG 281 / NRES 281	Introduction to Water Science
Credit Hours Subtotal:	3
Human Dimensions	
Select one course from the following:	3
AECN 256	Legal Aspects in Agriculture
AECN 346	World Food Economics
AECN 357 / NREE 357	Natural Resource and Environmental Law
AECN 376	Rural Community Economics
AECN 456 / NREE 456	Environmental Law
AECN 457 / NREE 457 / WATS 457	Water Law
AGRO 435 / HORT 435 / NRES 435	Agroecology
ALEC 202	Foundations of Leadership Theory and Practice
ALEC 388 / AECN 388	Ethics in Agriculture and Natural Resources
ALEC 393	Digital Imaging and Storytelling in Agriculture and Natural Resources
ALEC 410 / NRES 413	Environmental Leadership
ANTH 110	Introduction to Anthropology
ANTH 130	Anthropology of the Great Plains
ANTH 170 / GEOG 170 / GPSP 170 / NRES 170 / SOCI 170	Introduction to Great Plains Studies
ANTH 212 / ETHN 212	Introduction to Cultural Anthropology
ANTH 261 / POLS 261 / SOCI 261	Conflict and Conflict Resolution
ANTH 351 / ETHN 351	Exploring Cross Cultural Diversities
ANTH 473	Ecological Anthropology
ANTH 476	Human Rights, Environment, and Development
BLAW 300	Business, Government & Society
COMM 101	Communication in the 21st Century
COMM 210	Communicating in Small Groups
COMM 220	Public Advocacy and Civic Engagement
COMM 271	Organizing Social Change
COMM 283	Interpersonal Communication
COMM 311 / ETHN 311	Intercultural and Intergroup Communication
COMM 371	Communication in Negotiation and Conflict Resolution
COMM 375	Theories of Persuasion
COMM 465	Communication and Social Identity
CRPL 300	The Community and the Future
CRPL 470	Environmental Planning and Policy
CRPL 471	Environmental Impact Assessment
CRPL 472	Hazard Mitigation Planning
CYAF 460	Human Dimensions of Sustainability
ENGL 317	Literature and the Environment
ENSC 110	Energy in Perspective
ENSC 220	Introduction to Energy Systems
ENSC 230	Energy and the Environment: Economics and Policy
ENVR 189H	University Honors Seminar
GEOG 140	Introductory Human Geography
GEOG 181	Global Environmental Issues
GEOG 272	Geography of World Regions
GEOG 283	Space, the Environment and You
GEOG 334	Historical Geography of the Great Plains
GEOG 361	Urban Geography
GEOG 406	Spatial and Environmental Influences in Social Systems
GEOG 447	Political Geography
JOMC 222	Social Justice, Human Rights and the Media
JOMC 491	Special Topics (Climate Change Magazine Production is the course that is applicable)
MNGT 300	Management Essentials For Contemporary Organizations
NRES 111	Natural Resource Conservation in Society
NRES 301	Environmental Communication Skills
NRES 409 / GEOG 409	Human Dimensions of Natural Resources
NRES 423	Integrated Resources Management
NRES 434 / ENVR 434	Environmental Education and Interpretation
NRES 475 / AGRO 475 / CIVE 475 / CRPL 475 / GEOL 475 / MSYM 475 / POLS 475 / SOCI 475 / SOIL 475 / WATS 475	Water Quality Strategy
NSST 375	Writing and Briefing for the National Security Enterprise

NSST 376	Analysis for the National Security Establishment	
PHIL 225	Environmental Ethics	
POLS 104	Comparative Politics	
POLS 130	News Literacy, The Public, and Politics	
POLS 150	Introduction to Biology, Psychology, and Politics	
POLS 160 / GLST 160	International Relations	
POLS 221	Politics in State and Local Governments	
POLS 232	Public Issues in America	
POLS 250	Genetics, Brains, and Politics	
POLS 260	Problems in International Relations	
POLS 268	Threats to World Order	
POLS 334	Polls, Politics and Public Opinion	
POLS 350	Issues in Biology, Psychology, and Politics	
POLS 361	The United Nations and World Politics	
POLS 362	Globalization, Human Rights and Diversity	
POLS 459	International Political Economy	
POLS 470	International Human Rights	
PSYC 181	Introduction to Psychology	
PSYC 288	The Psychology of Social Behavior	
PSYC 330	Psychology of Diversity	
PSYC 334 / ENVR 334	Psychology of Environmental Sustainability	
SOCI 101	Introduction to Sociology	
SOCI 241 / AECN 276	Rural Sociology	
SOCI 346	Environmental Sociology	
Credit Hours Subtotal:		3
Economics and Policy		
Select one of the following:		3
AECN 141	Introduction to the Economics of Agriculture	
AECN 345	Policy Issues in Agriculture and Natural Resources	
AECN 346	World Food Economics	
AECN 357 / NREE 357	Natural Resource and Environmental Law	
AECN 457 / NREE 457 / WATS 457	Water Law	
CRPL 470	Environmental Planning and Policy	
ECON 200	Economic Essentials and Issues	
ECON 211	Principles of Macroeconomics	
ECON 212	Principles of Microeconomics	
NRES 323	Natural Resources Policy	
Credit Hours Subtotal:		3
Total Credit Hours		18

Sustainability Studies Minor

The sustainability studies minor will prepare students to contribute solutions for current and future local, regional, and global environmental challenges. Stewardship and the efficient, sustainable use of environmental, financial, and human resources will be the foundational concepts for this minor. More specifically, the educational component of this minor will provide students with explicit opportunities to engage in the community and develop skill sets to employ a systems approach to managing the growth of our habitats, and at the same time achieve a balance of economic development with the conservation of the earth's natural system. This minor will be available to all University of Nebraska–Lincoln students upon approval of individual colleges.

Learning Outcomes: The University of Nebraska–Lincoln undergraduate minor, sustainability studies, introduces students to the concepts, principles, and issues that inform the paradigm of sustainability and the efficient and sustainable use of environmental, financial, and human resources. The curriculum integrates classroom learning and community-based learning and research in a program that prepares students for future endeavors.

Upon completion of the requirements for the Society and the Environment, students will be able to:

- Explain the relationship among social, economic, and environmental systems for the development of solutions for global environmental and natural resource issues.
- Employ concepts of sustainability to the campus and community by engaging in the challenges and solutions of applied sustainability.
- Utilize problem-solving skills to address real world opportunities to help create healthier ecosystems and communities.
- Demonstrate the ability to effectively communicate to a range of audiences through the preparation of written documents along with oral and visual presentations that are consistent with professional standards.

The 18-credit-hour minor includes 9 credit hours of core courses. Each student chooses an additional 9 credit hours of elective courses from one of three tracks. These elective hours should include at least one 300-level and one 400-level course. Students and advisors need to be aware that prerequisites may be required for some courses. These need to be addressed during advising process.

Core Courses		
ARCH 107	Sustainability Basics and the Built Environment (ACE 8)	3
ENVR 201	Science, Systems, Environment and Sustainability (ACE 8)	3
ENVR 319	Environmental Engagement and the Community	2
ENVR 495	Internship in Environmental Studies	1
Credit Hours Subtotal:		9
Elective Courses		
Select one track of the following:		9
Track 1: Built Environment		
Select 9 credits of the following:		
LARC 200 / HORT 200 / GEOG 200	Landscape and Environmental Appreciation (ACE 7 & 9)	
CIVE 321 / BSEN 321	Principles to Environmental Engineering [1]	
CIVE 491	Special Topics in Civil Engineering	

ARCH 333	Building Environmental Technical Systems I [1]
CONE 450	Sustainable Construction
CYAF 460	Human Dimensions of Sustainability (ACE 8)
NRES 409 / GEOG 409	Human Dimensions of Natural Resources
Track 2: Community Development	
Select 9 credits of the following:	
AECN 376	Rural Community Economics [1]
CRPL 400	Introduction to Planning (ACE 8)
CRPL 433	GIS in Environmental Design and Planning
CRPL 470	Environmental Planning and Policy
CRPL 471	Environmental Impact Assessment
CRPL 472	Hazard Mitigation Planning
CYAF 460	Human Dimensions of Sustainability (ACE 8)
LARC 200 / HORT 200 / GEOG 200	Landscape and Environmental Appreciation
NRES 409 / GEOG 409	Human Dimensions of Natural Resources
SOCI 346	Environmental Sociology
Track 3: Food, Environment, and the Landscape	
Select 9 credits of the following:	
AGRO 435	Agroecology (ACE 10)
HORT 326 / AGRO 326 / TLMT 326	Landscape Solutions [1]
Any 400-level HORT course	
AECN 346	World Food Economics (ACE 9) [1]
Credit Hours Subtotal:	9
Total Credit Hours	18

[1] *Prerequisites required and need to be addressed during the advising process.*

Grade Rules

C- and D Grades

A grade of C or above is required for all courses in the minor.

Pass/No Pass

No course taken Pass/No Pass will be counted toward the minor.

ENVR 101 Environmental Studies Orientation
Description: A comprehensive overview of the discipline of Environmental Studies. Investigate current and critical environmental issues.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded with Option

ENVR 109 Water in Society
Crosslisted with: SCIL 109, AECN 109, NRES 109, GEOG 109
Description: Introduction to the scientific, social, and economic dimensions of historical and contemporary water systems. Students will develop an understanding of hydrologic systems and analyze and engage in decision-making about complex challenges associated with water resource use.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Offered: FALL
Prerequisite for: SCIL 300
ACE: ACE 4 Science ACE 8 Civic/Ethics/Stewardship

ENVR 189H University Honors Seminar
Prerequisites: Good standing in the University Honors Program or by invitation.
Notes: A University Honors Seminar 189H course is required of all students in the University Honors Program. Letter Grade Only.
Description: Topics vary.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
ACE: ACE 8 Civic/Ethics/Stewardship

ENVR 201 Science, Systems, Environment and Sustainability
Description: Application of basic Earth system and ecosystem science concepts for understanding: natural systems; the relationships and interactions between the living and the non-living environment; current and future environmental challenges; the importance of considering scientific evidence and uncertainty; and the implementation of the sustainability concepts.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
ACE: ACE 8 Civic/Ethics/Stewardship

ENVR 249 Individual and Cultural Perspectives on the Environment
Crosslisted with: NRES 249
Description: The influence of culture on individual perspectives related to the concepts of sustainability and the relationship that humans have with the environment. The role of ethics, religion, and historical setting on the individual and cultural perspectives related to environmental challenges at the local to global scales.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
ACE: ACE 9 Global/Diversity

ENVR 319 Environmental Engagement and the Community
Description: The processes of environmental agencies and organizations use to develop and implement projects and programs. The development of their project proposal, work plans, budgets, and final report. Requires developing and implementing projects and programs in collaboration with clients who are from agencies and organizations working with environmental issues.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Grading Option: Graded with Option

ENVR 334 Psychology of Environmental Sustainability
Crosslisted with: PSYC 334
Description: Applications of psychological principles to understand human transactions with their environments and find behavior-based solutions to environmental problems.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
ACE: ACE 8 Civic/Ethics/Stewardship

ENVR 387 The Environment and the French-Speaking World
Crosslisted with: FREN 387, ENGL 387, GLST 387
Description: An examination of environmental engagement in the novels, short stories, poetry, films, and music of the French-speaking world.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

ENVR 434 Environmental Education and Interpretation
Crosslisted with: NRES 434, NRES 834
Notes: Requires 20 hours of service.
Description: Examination of formal and informal environmental education and interpretation. Knowledge, application and practice relevant to science teachers and park, extension, museums, and zoo educators.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

ENVR 476 Human Rights, Environment, and Development
Crosslisted with: ANTH 476, ANTH 876, GLST 476, HRHA 476
Prerequisites: Sophomore status
Description: Various perspectives on the intersection of human rights, development, and the environment in a global perspective.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

ENVR 489A Environmental Studies Senior Thesis I
Prerequisites: Junior standing; ENVR major or minor; Permission.
Notes: First course of a two-semester sequence of courses consisting of ENVR 489A and 489B. Letter Grade only.
Description: Preparation for writing the required senior thesis.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded
Prerequisite for: ENVR 489B
ACE: ACE 10 Integrated Product

ENVR 489B Environmental Studies Senior Thesis II
Prerequisites: ENVR 489A
Notes: Second course of a two-semester sequence of courses consisting of ENVR 489A and 489B.
Description: Required thesis written under the supervision of the emphasis advisor or a faculty member designated by the advisor.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Grading Option: Graded with Option
ACE: ACE 10 Integrated Product

ENVR 489H Honors: Environmental Studies Senior Thesis I & II
Prerequisites: Permission.
Description: Preparation and writing for the required senior thesis.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
ACE: ACE 10 Integrated Product

ENVR 490 Environmental Studies Seminar
Prerequisites: Permission
Notes: Majors must have passed ENVR 101.
Description: Topic varies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Offered: SPRING

ENVR 495 Internship in Environmental Studies
Prerequisites: Permission.
Description: Experience in off-campus setting that is directly relevant to environmental studies.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Grading Option: Graded with Option

ENVR 496 Independent Study
Prerequisites: Permission.
Description: Independent reading or research under direction of a faculty member.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 6
Grading Option: Graded with Option

PLEASE NOTE
This document represents a sample 4-year plan for degree completion with this major. Actual course selection and sequence may vary and should be discussed individually with your college or department academic advisor. Advisors also can help you plan other experiences to enrich your undergraduate education such as internships, education abroad, undergraduate research, learning communities, and service learning and community-based learning.

Environmental Studies - Program Emphasis Area Option 1

Environmental Studies - Natural Resouces Emphasis Option 2

Environmental Studies - Public Health Emphasis Area Option 3

Career Information

The following represents a sample of the internships, jobs and graduate school programs that current students and recent graduates have reported.

Transferable Skills

- Confidently navigate complex, ambiguous projects and environments
- Conduct and present research to large and small groups
- Integrate information and perspectives from multiple disciplines to solve problems
- Collaborate with a team to develop solutions
- Communicate clearly using different forms of writing to and for a variety of different audiences
- Comprehend and critically evaluate complex information
- Understand and use proper laboratory and technical skills and instruments
- Offer empathetic, sensitive, and patient interactions with others
- Understand and utilize a variety of research methodologies

Jobs of Recent Graduates

- Environmental Scientist, Olsson & Associates Engineering - Lincoln NE
- Water Quality Coordinator, City of Minneapolis - Minneapolis MN
- Wildland Firefighter, United States Forest Service - Kalispell MT
- VISTA Leader, AmeriCorps - Beckley WV
- Plant Ecologist, Prairie Legacy Inc. - Lincoln NE
- Operations Assistant, Yellowstone National Park - WY
- Sustainability Associate, Cleaner Greener Lincoln - Lincoln NE
- National Drought Mitigation Center, University of Nebraska-Lincoln - Lincoln NE
- Field Technician, Fish & Wildlife COOP - Lincoln NE
- Crew Member, Montana Conservation Corps - Kalispel MT
- Junior Consultant, NAQS Environmental Experts - Lincoln NE
- Land Steward, Nature Conservancy - AZ
- Corps Member, FEMA Corps - Baltimore MD
- Extension Field Technologist, University of Nebraska-Lincoln - Lincoln NE
- Wildlife Technician, Northern Arizona University - Vallejo CA

Internships

- Integrated Water Management Planner Assistant, Nebraska Dept of Natural Resources - Lincoln NE
- Biological Technician, USDA-AMRU - Lincoln NE
- Natural Resource Intern, JEO Consulting - Lincoln NE
- Pathways Intern, USDA Natural Resources Conservation Service - Lincoln NE
- Integrated Management Technical Assistant, NE Dept of Natural Resources - Lincoln NE
- Environmental Health Waste Section Intern, Lincoln-Lancaster County Health Dept - Lincoln NE
- Intern, Olsson Associates - La Vista NE
- Crime Analysis, Lincoln Police Department - Lincoln NE
- Project Manager Assistant Intern, LI-COR Biosciences - Lincoln NE
- Waste Section Intern, Lancaster County Health Department - Lincoln NE
- Integrated Water Management Planner Assistant, Nebraska Department of Natural Resources - Lincoln NE
- Biological Technician, USDA-AMRU - Lincoln NE
- Natural Resource Intern, JEO Consulting - Lincoln NE
- Pathways Intern, USDA - Natural Resource Conservation Services - Lincoln NE
- Permaculture Intern, Big Island Farms - Honokaa HI

Graduate & Professional Schools

- Master's Degree, Natural Resources, University of Nebraska-Lincoln - Lincoln NE
- Juris Doctorate, University of Nebraska-Lincoln - Lincoln NE
- Master's Degree, Agronomy-Plant Pathology, University of Nebraska-Lincoln - Lincoln NE
- Master's Degree, Environmental Science and Policy, Indiana University - Bloomington IN
- Master's Degree, Energy, Technology, & Policy, Humbolt State University - Arcata CA
- Master's Degree, Environmental Policy, University of Michigan - Ann Arbor MI
- Master's Degree, Geography, University of Nebraska-Lincoln - Lincoln NE
- Master's Degree, Public Health, University of Nebraska Medical Center - Omaha NE
- Master's Degree, Water Biogeochemistry, University of Nebraska-Lincoln - Lincoln NE