

University of Nebraska/Doane University Cooperative College Requirements and Information

Highly qualified students can prepare for admission to the Master of Applied Science degree during three years of coordinated undergraduate study in the Environmental Science major. The University of Nebraska-Lincoln will provide instruction in agricultural sciences, environmental sciences, food, and natural resources. Application is made through UNL to the Master of Applied Science degree during the junior year at Doane.

For students accepted to University of Nebraska-Lincoln in their third year of study at Doane University Doane will award a Bachelor of Science with an Environmental Science major upon satisfactory completion of 123 credits that includes 33 graduate credits from the University of Nebraska-Lincoln in an approved program of study for the Master of Applied Science.

Upon satisfactory completion of the requirements for the Master of Applied Science (36 credits at the graduate level, including the degree project and the final (oral) examination), the University of Nebraska-Lincoln will award the Master of Applied Science degree. The Master of Applied Science degree will be awarded only after the student has completed all requirements for the Environmental Science bachelor's degree from Doane.

Admission of applicants from the Cooperative Dual Degree (3-2) Program to the Master of Applied Science will be decided by the University of Nebraska-Lincoln. Although satisfactory completion of three years of undergraduate coursework and a cumulative GPA of 3.0 or higher qualifies a student for application, the final admission decision rests with the Master of Applied Science Graduate Committee and the Office of Graduate Studies at the University of Nebraska-Lincoln.

Upon completion of requirements and those of the Environmental Science degree with either the Agriculture and Natural Resources emphasis or the Biology emphasis, the University of Nebraska-Lincoln will then award the degree of Master of Applied Science.

Course Requirements

Below are the Environmental Science major course requirements for admission to the Master of Applied Science degree at the University of Nebraska-Lincoln.

Either the Agriculture and Natural Resource emphasis area OR the Biology emphasis area must be selected.

Students must complete 90 credits including all Doane Core Connections requirements prior to beginning the Master of Applied Science degree. The Master of Applied Science degree will be awarded only after the student has completed all requirements for the Environmental Science bachelor's degree from Doane.

Agriculture and Natural Resources Emphasis Area:

BIO 110 - Inquiry Laboratory (3)
LAR 101 - Inquiry Seminar (3)
GEO 101 – Environmental Geology (4)*
MTH 235 – Calculus I (4)
BIO 111 - Energy of Life (3)
PSI 101 - American Politics (3)
CHM 125 - General Chemistry I (4)
BIO 112 - Information of Life (3)

LAR 202 - Integrative Seminar (3)
EVS 325 - Soil Systems and Sustainability or BIO 332 or 333 Ecological Zoology or Ecological Botany (3 or 4)
CHM 126 - General Chemistry II (4)
EVS/BIO/CHM 351 - Research I (2)
BIO 295 - Biostatistics (3)
ECO 203 - Macroeconomics and Literacy (3)
EVS 392 - Environmental Policy and Sustainability (3)
EVS/BIO/CHM/RES 495 - Research II (2)
EVS 301 - Environmental Science (4)
ECO 309 - Environmental Economics (3)
LAR 303 - Impact Seminar (3)
EVS/BIO/CHM/RES 496 - Research III (2)
ENG 318 Environmental Literature (3) or HIS 320 American Environmental History (3)*

Complete the following courses:

EVS 105 Introduction to Natural Resources, EVS 325 Soil Systems and Sustainability, EVS 410 Crop Production and Sustainability.

Complete at least nine credits selected from the courses below. Only one course can be at the 100 level and only two can have the same prefix.

BIO 316 Introduction to Computational Biology or Genomes and Phenomes
BIO 332 Ecological Zoology or BIO 333 Ecological Botany or BIO 345 Conservation Biology
BIO 335 Molecular Biology or BIO 348 Microbiology
EVS 301 Environmental Science
EVS 320 Introduction to Geographic Information Systems
EVS 392 Environmental Policy and Sustainability
GEG 112 Physical Geography or GEO 101 Environmental Geology or GEO 107 Introduction to Meteorology
GEG 320 Geography of Agriculture

Biology Emphasis Area:

BIO 110 - Inquiry Laboratory (3)
LAR 101 - Inquiry Seminar (3)
GEO 101 - Environmental Geology (4)*
MTH 235 - Calculus I (4)
BIO 111 - Energy of Life (3)
PSI 101 - American Politics (3)
CHM 125 - General Chemistry I (4)
BIO 112 - Information of Life (3)
LAR 202 - Integrative Seminar (3)
EVS 325 - Soil Systems and Sustainability or BIO 332 or 333 Ecological Zoology or Ecological Botany (3 or 4)
CHM 126 - General Chemistry II (4)
EVS/BIO/CHM 351 - Research I (2)
BIO 295 - Biostatistics (3)
ECO 203 - Macroeconomics and Literacy (3)
EVS 392 - Environmental Policy and Sustainability (3)
CHM 205 - Organic Chemistry I or CHM 303 Analytical Chemistry (4)
EVS/BIO/CHM/RES 495 - Research II (2)
EVS 301 - Environmental Science (4)
ECO 309 - Environmental Economics (3)
LAR 303 - Impact Seminar (3)
Bio 348 - Microbiology (4)

EVS/BIO/CHM/RES 496 - Research III (2)

ENG 318 Environmental Literature (3) or HIS 320 American Environmental History (3)*

*LCM 371 substitutes for GEO 101 and ENG 318 or HIS 320.

CMS 210 Public Speaking and ENG 101 Writing Seminar are strongly recommended. If GEO 107 Introduction to Meteorology is selected GEO 107L Introduction to Meteorology Laboratory is strongly recommended.

Questions? Contact Dr. Russell Soucek, Professor of Environmental Science,
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