ENVR 4813 Environmental Science Applications and Problem Solving 3

Select one of the following:
- NREM 4043 Natural Resource Administration and Policy 3
- ENV 4512 Environmental Impact Analysis 4
- ENVR 4813 Environmental Science Applications and Problem Solving 3

Additional Core Courses

- NREM 4043 Natural Resource Administration and Policy 3
- ENV 4512 Environmental Impact Analysis 4
- ENVR 4813 Environmental Science Applications and Problem Solving 3

College/Departmental Requirements

Agricultural Sciences and Natural Resources
- AG 1011 First Year Seminar 1
- ENV 1113 Elements of Environmental Science 3
- SOIL 2124 Fundamentals of Soil Science (N) 4

- Select one of the following:
  - CHEM 3013 Survey of Organic Chemistry 3
  - BIOL 2334 Chemistry and Applications of Biomolecules 3
  - CHEM 3015 Survey of Organic Chemistry 3

Additional Requirements

If CHEM 1414 taken, then must have both CHEM 3015 and BIOL 2344

- PBIO 1404 Plant Biology (LN) 4
- or BIOL 1604 Animal Biology 4
- CHEM 1314 Chemistry I (LN) 4
- or CHEM 1215 Chemical Principles I (LN) 5
- CHEM 1515 Chemistry II (LN) 5
- or CHEM 1225 Chemical Principles II (LN) 5
- PHYS 1114 College Physics I (LN) 4

Select one of the following:
- PHYS 1214 College Physics II (LN) 4
- MATH 2144 Calculus I (A) 4
- GEOL 1114 Physical Geology (LN) 4

Select one of the following:
- MATH 1715 Precalculus (A) 4
- MATH 1513 College Algebra (A) and Trigonometry (A) 4

Written and Oral Communications

Select one of the following:
- BCOM 3113 Written Communication 3
- AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources 3
- ENVR 3323 Technical Writing 2

Total Hours: 124
Select one of the following: 3

BIOL 4434 Limnology
GEOL 4453 Hydrogeology

Related Courses
Select 12 hours of the following: 12

AGEC 3713 Agricultural Law
AGEC 4503 Environmental Economics and Resource Development
ANTH 3353 Cultural Anthropology (IS)
BCOM 3223 Oral Communication
CHEM 2113 Principles of Analytical Chemistry
CHEM 2122 Quantitative Analysis Laboratory
CIVE 3853 Environmental Engineering Laboratory
ECON 2103 Introduction to Microeconomics (S)
ECON 3903 Economics of the Environment
ENTO 2003 Insects and Society (N)
ENTO 2223 Insects in Global Public Health (N)
ENTO 2993 Introduction to Entomology (LN)
ENTO 4223 Ecological Methodology
ENTO 4484 Aquatic Entomology
ENVR 4363 Environmental Soil Science
ENVR 4893 Soil Chemistry and Environmental Quality
ENVR 4913 Animal Waste Management
GEOG 2344 Digital Tools for Environmental Exploration (LN)
GEOG 4203 Fundamentals of Geographic Information Systems
GEOL 3503 Environmental Geology (N)
GEOL 4453 Hydrogeology
LA 4423 Sustainable Planning and Design
LA 4433 Land Use and City Planning
MATH 2133 or MATH 2153 Calculus for Technology Programs II (A)
MICR 2123 Introduction to Microbiology
MICR 2132 Introduction to Microbiology Laboratory
NREM 2083 Geospatial Technologies for Natural Resources
NREM 3613 Principles of Rangeland Management
NREM 4023 Restoration Ecology
NREM 4033 Ecology Of Invasive Species
NREM 4403 Wetland Ecology and Management
PBIO 3253 Environment and Society (N)
PBIO 3263 Plants and People (N)
PHYS 1214 or PHYS 2114 College Physics II (LN)
SOC 1113 Introductory Sociology (S)
SOC 4433 Environmental Sociology (S)
SOIL 3433 Soil Genesis, Morphology, and Classification
SOIL 4234 Soil Nutrient Management
SOIL 4463 Soil and Water Conservation
SOIL 4483 Soil Microbiology
SOIL 4683 Soil, Water, and Weather

BIOL 4303 Organismal Ecotoxicology
BIOL 4434 Limnology

Hours Subtotal 44

Electives
Select 0 hours or hours to complete required total for degree 0
Total Hours 124

1 College & Departmental requirements that may be used to meet GE requirements.
2 If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above then hours in this block are 0.

Other Requirements
- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

Additional State/OSU Requirements
- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2025.