



Environmental Studies, M.S. *master*

Preparation Requirements

Bachelor's degree from regionally accredited U.S. or approved international college or university, with course work equivalent to a major or minor in the natural or social sciences. One-page letter of intent stating the Environmental Studies research you want to pursue, your academic background, your professional work experience (if any), and any additional information you believe will assist those reviewing your application. For the application to be complete, the Graduate Record Exam (GRE) is required.

Required Credits: 30

Required GPA: 3.0

I. REQUIRED CORE

COMPLETE THE FOLLOWING COURSES:

- ENVR 6300 Advanced Project in Literature Review (2 credits)
- ENVR 6400 Advanced Project in Methodology (2 credits)
- ENVR 6500 Advanced Graduate Project I (2 credits)
- ENVR 6600 Advanced Graduate Project II (2 credits)
- ENVR 6890 Grants and Contracts (2 credits)
- ENVR 6350 Computer Applications in Statistics (3 credits)

COMPLETE THE FOLLOWING COURSE:

Enroll for 1 credit - two different terms

- ENVR 6700 Graduate Environmental Seminar (1 credit)

II. REQUIRED ELECTIVE COURSES

Select, with the consent of thesis advisor, at least 9 credits of graduate level coursework in Environmental Studies, Geology, or related field. Course options include:

- ECON 5040 Environmental Economics (3 credits)
or ENVR 5040 Environmental Economics (3 credits)
- ENVR 5050 Geochemistry (3 credits)
- ENVR 5110 Environmental Chemistry (3 credits)
- ENVR 5200 Wastewater Treatment (3 credits)
- ENVR 5210 Environmental Law and Policy (3 credits)
- ENVR 5220 Sampling and Analysis (4 credits)
- ENVR 5230 Air Pollution Technology (4 credits)
- ENVR 5240 Waste Management (4 credits)
- ENVR 5260 Risk Assessment and Auditing (3 credits)
- ENVR 5300 Environmental Management and Safety (3 credits)
- ENVR 5400 Environmental Microbiology (3 credits)
- ENVR 5500 Environmental Toxicology (4 credits)
- ENVR 5600 Environmental Justice and Sustainability (3 credits)
- ENVR 5840 Wetlands Ecology (3 credits)
or BIOL 5840 Wetlands Ecology (3 credits)
- ENVR 6920 Directed Group Study: Seminar (2 credits)
- GEOL 5120 Soils (4 credits)
or BIOL 5120 Soils (4 credits)
- GEOL 5211 Environmental Hydrology (3 credits)
- GEOL 5212 Hydrogeology (3 credits)
- GEOL 5400 Glacial and Pleistocene Geology (3 credits)
- GEOL 5500 Topics in Paleontology (3 credits)
- GEOL 5600 Stratigraphy and Sedimentation (3 credits)

- GEOL 5700 Environmental Geophysics (3 credits)

ENVR 6700 may be repeated two additional times for 2 additional elective credits

- ENVR 6700 Graduate Environmental Seminar (1 credit)

III. THESIS

COMPLETE THE FOLLOWING COURSE FOR 6 CREDITS:

- ENVR 6990 Thesis (1-6 credits)

COMPETENCY REQUIREMENT

All graduate students in Environmental Studies are required to demonstrate competency in the computer application of statistics. This requirement is to be satisfied by the completion of the following course with a grade of B or better: ENVR 6350 Computer Applications in Statistics, 3 credits.

Written Examination

All major programs require satisfactory completion of a final written examination, which needs to be successfully completed prior to scheduling the oral examination. Please consult with your academic advisor for requirements specific to your area of study.