The minor in environmental science provides students with an opportunity to analyze interactions between the physical, chemical, and biological components of the environment with relation to human and ecological health, and to understand many of the most important issues confronting the world today. Environmental issues such as global climate change, safe water quality, wetland reconstruction, environmental sustainability, ecosystem habitat restoration, biological diversity, hazardous contaminant pollution of soil and water, carbon sequestration, and food security are challenging areas of critical importance in environmental science. The Environmental Science minor introduces students to the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The ES minor will be useful to students majoring in pure and applied physical sciences including Agricultural Sciences, Earth Sciences, Biological Sciences, and providing a complement to social science programs.

A total of 15 semester hours are required for this minor.

Required Environment and Natural Resources Courses (3 hr):
ENR 2100 (3)

Controlled Electives: Introductory Coursework (Choose at least two):
EEOB 3410 (4), ENR 3000 (3), ENR 3300 (3), ENR 3400 (3), 3500 (3)

Controlled Electives: Ecosystem Science (add courses to meet the 15 hr. minimum requirement):
EarthSci 2203 (3), 2204 (3), 2206 (3), 4450 (3), 5203 (3)
ENR 3322 (3), 4260 (3), 5220 (2), 5222 (3), 5225 (3), 5250.01 (3), 5263 (3), 5265 (2), 5266 (3), 5273 (3), 5279 (3), 5280 (4), 5345 (4), 5362 (3)
ENR/EarthSci 2155 (3)
Geog 2800 (3), 2960 (4), 3800 (3), 3900 (3), 3980 (3), 5402 (3), 5801 (3), 5802 (3), 5900 (3)

Arts and Sciences minor program guidelines
The following guidelines govern minors:

Required for graduation No

Credit hours required A minimum of 12 credit hrs (some minors require more). 1000 level courses shall not be counted toward the 12 credit hr minimum.

Transfer credit hours allowed No more than one half of the credit hours required on the minor.

Overlap with the GEC Permitted, unless specifically disallowed by an individual minor program.

Overlap with the major Not allowed and
• The minor must be in a different subject than the major.
• The same courses cannot count on the minor and on the major.

Overlap between minors Each minor completed must contain 12 unique hours.

Grades required
• Minimum C- for a course to be listed on the minor.
• Minimum 2.00 cumulative point-hour ratio required for the minor.
• Course work graded Pass/Non-Pass cannot count on the minor.

Minor Approval The minor program description sheet indicates if the minor course work must be approved by:
• The academic unit offering the minor, or
• A college/school counselor.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by:
• The academic unit offering the minor, or
• A college/school counselor (depending on the minor).