2021 - 2022 Minor Map
Environmental Science

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu

Program Requirements

The minor in environmental science consists of 15 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

ENV 201: Fundamentals of Environmental Science (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 409 / PHI 409: Eco-Community Ethics (HU) or PHI 310: Environmental Ethics (HU) (3)

Upper-Division Electives -- 9 credit hours

Choose a minimum of nine credit hours from the following categories. Students may choose freely from among the categories; it is not necessary to take one from each or all from one category.

Global/Ecosystem Focus:
BIO 422: Ecosystem Ecology (3)
CHM 302: Environmental Chemistry (3)
ENV 410: Soil Science (4)
LSC 434: Marine Ecology (3)
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory (4)

Organismal Focus:
BIO 370: Vertebrate Zoology (4)
BIO 385: Comparative Invertebrate Zoology (4)
BIO 410: Techniques in Conservation Biology and Ecology (L) (3)
BIO 412: Conservation in Practice (3)
BIO 474: Herpetology (4)
PLB Upper Division Elective (3-4)
Skills in Environmental Science:

**ENV 345: Spatial Analysis in the Environmental Sciences** (3)
**ENV 388: STEM Research Fundamentals (L)** (3)
**ENV 485: Environmental Impact Assessment** (3)
**ENV 499: Individualized Instruction** (1-3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.