

**UNIVERSITY OF ARKANSAS**  
**Dale Bumpers College of Agricultural, Food and Life Sciences**

***ENVIRONMENTAL, SOIL, AND WATER SCIENCE MINOR***  
**2006 - 2007**

\* A student planning to minor in Environmental Soil and Water Science must notify the program advisor for consultation and more detailed information.

**ENVIRONMENTAL SCIENCE (a minimum of 6 hrs)**

_____	ENSC 1003	Environmental Science (required) (FA)
	AND SELECT FROM THE FOLLOWING	
_____	AGEC 3413	Principles of Environmental Economics (FA, AGECE 1103 or ECON 2023)
_____	AGEC 3503	Agricultural Law (SP)
_____	BIOL 3863	General Ecology (SP, FA, 7 hours of biological sciences)
_____	BIOL 3861L	General Ecology Laboratory (FA, BIOL 3863)
_____	ENSC 3103	Plants and Environmental Restoration (FA odd, CSES 1203 or HORT 2003 or BIOL 1613/1611L)
_____	ENSC 3603	GIS for Environmental Science (SP odd, CSES 2203)
_____	ENSC 3263/3260L	Environmental Soil & Water Conservation (SP, CSES 2203)
_____	ENSC 3223/3221L	Ecosystems Assessment (FA, even, BIOL 1543, CSES 2203, and ENSC 3003)
_____	ENSC 3933	Environmental Ethics (SP odd, ENSC 1003 or PHIL 2003 or PHIL 2103, same as PHIL 3113)
_____	ENSC 4034/4030L	Analysis of Environmental Contaminants (SP even, CSES 2203, ENSC 3003)
_____	AGEC 3523	Environmental Science & Natural Resource Law (SP, even)
_____	RSOC/SOCI 4603	Environmental Sociology (SP)

**SOIL SCIENCE (a minimum of 6 hrs)**

_____	CSES/ENSC 2203	Soil Science (required) (FA)
	AND SELECT FROM THE FOLLOWING	
_____	CSES/ENSC 2201L	Soil Science Laboratory (FA)
_____	CSES 3214/3210L	Soil Resources and Nutrient Cycles (SP odd, CSES 2203)
_____	CSES 355V	Soil Profile Descriptions ((FA)
_____	CSES 4224/4220L	Soil Fertility ((FA, CSES 2201L and CSES 2203)
_____	CSES 4253	Soil Classification and Genesis ((SP, CSES 2203)
_____	ENSC 4263	Environmental Soil Science (SP even, CSES 3214)

**WATER SCIENCE (a minimum of 6 hrs)**

_____	ENSC 3003	Introduction to Water Science (required) (FA, ESC 1003 or other science (see syllabus) and ENGL 1023)
	AND SELECT FROM THE FOLLOWING	
_____	ENSC 4023/4020L	Water Quality (FA, ENSC 3003)
_____	GEOG 3333	Oceanography (SP, junior standing)
_____	GEOL 4033/4030L	Hydrogeology (SP, MATH 2564, GEOL 3513/3511L)
_____	BIOL 4814/4810L	Limnology w/Lab (FA odd, CHEM 1123, 12 hrs BIOL)

Approved: Student \_\_\_\_\_  
Major Advisor \_\_\_\_\_  
Minor Advisor \_\_\_\_\_  
Date \_\_\_\_\_

Copies to: Student  
Major Advisor  
Minor Advisor  
AFLS Dean's Office  
Student's Dean's Office (if not AFLS)