

**UNIVERSITY OF ARKANSAS**  
**Dale Bumpers College of Agricultural, Food and Life Sciences**  
**ENVIRONMENTAL, SOIL, AND WATER SCIENCE MINOR**  
**2009 - 2010**

\* 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 (SP, AGEC 1103 or ECON 2023)  
 \_\_\_\_ AGEC 3503 Agricultural Law I (SP)  
 \_\_\_\_ AGEC 3523 Environmental Science & Natural Resource Law (SP, even)  
 \_\_\_\_ 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 3223/3221L Ecosystems Assessment (FA, even, BIOL 1543, CSES 2203, and ENSC 3003)  
 \_\_\_\_ ENSC 3263 Environmental Soil & Water Conservation with lab component (SP, CSES 2203)  
 \_\_\_\_ ENSC 3603 GIS for Environmental Science (SP odd, CSES 2203)  
 \_\_\_\_ ENSC 3933 Environmental Ethics (SP odd, ENSC 1003 or PHIL 2003 or PHIL 2103, same as PHIL 3113)
- \_\_\_\_ ENSC 4034 Analysis of Environmental Contaminants with lab component (SP even, CSES 2203, ENSC 3003)
- \_\_\_\_ 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 3214 Soil Resources and Nutrient Cycles with lab component (SP odd, CSES 2203)  
 \_\_\_\_ CSES 355V Soil Profile Descriptions ((FA)  
 \_\_\_\_ CSES 4224 Soil Fertility with lab component (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, ENSC 1003 or other science (see syllabus) and ENGL 1023)  
 AND SELECT FROM THE FOLLOWING
- \_\_\_\_ ENSC 4023 Water Quality with lab component (FA, ENSC 3003)  
 \_\_\_\_ GEOG 3333 Oceanography (SP, junior standing)  
 \_\_\_\_ GEOL 4033 Hydrogeology with lab component (SP, MATH 2564, GEOL 3513/3511L)  
 \_\_\_\_ BIOL 4814 Limnology with lab component (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)