

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

***ENVIRONMENTAL, SOIL, AND WATER SCIENCE MINOR***  
**2008 - 2009**

\* 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
- \_\_\_\_\_ AGECE 3413 Principles of Environmental Economics (SP, AGECE 1103 or ECON 2023)
- \_\_\_\_\_ AGECE 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)
- \_\_\_\_\_ AGECE 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, ENSC 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)