

UNIVERSITY OF ARKANSAS
Dale Bumpers College of Agricultural, Food and Life Sciences
ENVIRONMENTAL, SOIL, AND WATER SCIENCE MINOR
2010 - 2011

* 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 2203 Soil Science (required) (FA)
 AND SELECT FROM THE FOLLOWING
- ____ CSES 3214 Soil Resources and Nutrient Cycles with lab component (SP odd, BIOL 2013/2011L, CSES 2203)
 ____ CSES 355V Soil Profile Descriptions (FA)
 ____ CSES 4224 Soil Fertility with lab component (FA, CSES 2201L and CSES 2203, CHEM 1123/1121L)
 ____ CSES 4253 Soil Classification and Genesis with lab component (SP, CSES 2203)
 ____ ENSC 4263 Environmental Soil Science (SP even, CSES 3214, PHYS 2013/2011L)

WATER SCIENCE (a minimum of 6 hrs)

- ____ ENSC 3003 Introduction to Water Science (required) (SP, 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, CHEM 1123/1121L or BIOL 1543/1541L)
 ____ GEOG 3333 Oceanography (SP even, junior standing)
 ____ GEOL 4033 Hydrogeology with lab component (SP, MATH 2043, 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)