

UNIVERSITY OF ARKANSAS
Dale Bumpers College of Agricultural, Food and Life Sciences
SOIL SCIENCE MINOR
2018 – 2019

- * A student planning to minor in Soil Science must notify the program adviser for consultation and more detailed information.
- * The Soil Science Minor will consist of a total of 18 hours to be comprised of the following required and optional courses. No more than 9 hours can be counted towards a Soil Science minor with an ESWS major. Note: Students interested in obtaining certification in the area of soil science will need at least 15 soil science hours, preferably covering each of the sub-disciplines (i.e., fertility, genesis, morphology, and classification, chemistry, physics, soil biology and ecology, and land use and management).

Required Courses (4 hours)

___ CSES 2203	Soil Science (SP, FA)
___ CSES 2201L	Soil Science Laboratory (SP, FA)

Optional Courses - select the remaining 14 hours from the following list of courses

Undergraduate Courses:

___ CSES 3214/3210L	Soil Resources and Nutrient Cycles with Laboratory (SP odd)
___ ENSC 3263	Soil & Water Conservation (FA)
___ CSES 355V	Soil Profile Description (FA, 1 hour, may take twice for credit)
___ CSES 4224/4220L	Soil Fertility with Laboratory (FA)
___ CSES 4253	Soil Classification and Genesis (FA odd)
___ ENSC 4263	Environmental Soil Science (SP even)
___ ENSC 4401	Professional Certification Preparation (Soils exam, SP even)
___ CSES 4553	Wetland Soils (SP odd)

Graduate Courses:

___ CSES 5033	Advanced Soil Fertility and Plant Nutrition (SP even)
___ CSES 5224/5220L	Soil Physics with Laboratory (SP)
___ CSES 5264/5260L	Microbial Ecology with Laboratory (FA odd)
___ CSES 5453	Soil Chemistry (SP even)

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)