

Dale Bumpers College of Agricultural, Food & Life Sciences
8-SEMESTER DEGREE COMPLETION PROGRAM
B.S.A. - Environmental, Soil and Water Science (ESWS)
2009-2010

ESWS Requirements: 12-15 hours Communication; 3 hours History; 6 hours Mathematics; 35-36 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 29-31 hours Departmental Core; 18-24 hours general electives.

Bold – Course meets University Core

Pre-requisites, co-requisites, or recommended courses are in parentheses.

Fall Semester Year 1	
Course	Hours
ENGL 1013 Composition I	3
ENSC 1003 Environmental Science	3
CSES 1011 Introduction to CSES	1
BIOL 1543/1541L Principles of Biology	4
Social Sciences Core Elective	3
Fine Arts/Humanities Core Elective	3
Total Semester Hours	17

Spring Semester Year 1	
Course	Hours
ENGL 1023 Composition II (Pre-ENGL 1013)	3
CSES 1203 Introduction to Plant Sciences or BIOL 1613/1611L	3 - 4
History Core Elective	3
Social Sciences Core Elective	3
General Elective (Rec-MATH 1203 as pre-requisite for CHEM 1103 and MATH 2043 or could apply toward a minor)	3
Total Semester Hours	15 - 16

Fall Semester Year 2	
Course	Hours
ENGL 2003 (Pre-ENGL 1013 and ENGL 1023) OR Elective if exempt	3
ENSC 3003 Introduction to Water Science (Pre-ENGL 1023, ENSC 1003)	3
CHEM 1103/1101L Chemistry I (Pre-math 1203)	4
COMM 1313 Fundamentals of Communications	3
MATH 2043 Survey of Calculus (Pre-MATH 1203)	3
Total Semester Hours	16

Spring Semester Year 2	
Course	Hours
CHEM 1123/1121L Chemistry II w/lab (Pre-CHEM1103/1101L)	4
Fine Arts/Humanities Core Elective	3
Social Sciences Core Elective	3
GEOL 1113/1111L Geology with lab	4
General Elective (Rec-MATH 1213 as pre-requisite for PHYS 2013 or could apply toward a minor)	3
Total Semester Hours	17

Fall Semester Year 3	
Course	Hours
CSES 2203/2201L Soil Science w/lab (Pre- CHEM 1103)	4
PHYS 2013/2011L College Physics I w/lab (Pre-MATH 1213)	4
Water Science or Natural Resources Core (See courses for pre-requisites)	3
General Electives (AFLS Broadening Electives could apply toward a minor)	6
Total Semester Hours	17

Spring Semester Year 3	
Course	Hours
BIOL 2013/2011L General Microbiology w/lab (Pre-BIOL 1543/1541L, two semesters of chemistry)	4
CHEM 2613/2611L Organic Physiological Chemistry w/lab (Pre-CHEM 1123/1121L)	4
Natural Resources Core (See courses for pre-requisites)	3-4
Water Science OR Soil Science Core (See courses for pre-requisites. For Water Science: Rec-ENCS 3003 as pre-requisite; Soil Science: Pre-at least CSES 2203)	3-4
Total Semester Hours	14-16

Fall Semester Year 4	
Course	Hours
CSES 3023 Colloquium or AGED 3142 & AGED 3141L	3
ENSC 3223/3221L Ecosystems Assessment w/lab (Pre-BIOL 1543/1541L, CSES 2003, ENSC 3003) OR BIOL 3863/3861L (Pre-7 hours of biological science)	4
Statistics OR Natural Resources Core (See courses for pre-requisites)	3
Soil Science or Natural Resources Core (See courses for pre-requisites)	3-4
Natural Resources Core OR General Elective (Could apply toward a minor)	3
Total Semester Hours	16-17

Spring Semester Year 4	
Course	Hours
Natural Resources Core (See courses for pre-requisites)	3
Statistics OR Natural Resources Core (See courses for pre-requisites)	3-4
General Elective OR Natural Resources Core (See courses for pre-requisites)	3
General Elective (Could apply toward a minor)	3
General Elective (May wish to take another elective. Could apply toward a minor.)	0-3
Total Semester Hours	12-16

TOTAL HOURS **124**

Updated 4/1/09