

Dale Bumpers College of Agricultural, Food & Life Sciences
8-SEMESTER DEGREE COMPLETION PROGRAM
B.S.A. - Environmental, Soil, and Water Science (ESWS)
2019-2020

ESWS Requirements: 1 hour University Perspectives; 12 hours Communication; 3 hours History; 6 hours Mathematics; 35 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 32-33 hours Departmental Core; 16-17 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 (see adviser for comm course if exempt)	3
ENSC 1003/1001 Environmental Science & Lab	4
BIOL 1543/1541L Principles of Biology and lab	4
MATH 1203 College Algebra	3
UNIV 1001 University Perspectives	1
Total Semester Hours	15

Spring Semester Year 1	
Course	Hours
Fine Arts/Humanities Core Elective	3
ENGL 1023 Composition II (see adviser for comm course if exempt)	3
CSES 1203 Introduction to Plant Sciences	3
Social Sciences Core Elective	3
CHEM 1103/1101L Chemistry I and lab (Pre- MATH 1203)	4
Total Semester Hours	16

Fall Semester Year 2	
Course	Hours
General Elective as Broadening Elective (Could apply toward a minor)	3
GEOS 1113/1111L General Geology and lab	4
History Core Elective	3
COMM 1313 Fundamentals of Communications	3
MATH 1213 Plane Trigonometry or higher	3
Total Semester Hours	16

Spring Semester Year 2	
Course	Hours
CHEM 1123/1121L Chemistry II and lab (Pre- CHEM1103/1101L)	4
Fine Arts/Humanities Core Elective	3
Social Sciences Core Elective	3
ENSC 3003 Introduction to Water Science	3
AGME 2903 AGRI & HESC Applications of Microcomputers	3
Total Semester Hours	16

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-reqs)	3
General Electives AFLS Broadening Electives (Could apply toward a minor) or CHEM 3603/3601L Organic Chemistry (Pre-CHEM 1123/1121L)	3-4
Total Semester Hours	14-15

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
Social Sciences Core Elective	3
Water Science OR Soil Science Core (See courses for pre-reqs). For Water Science: Rec- ENSC 3003 & Soil Science: Pre- CSES 2203)	3-4
Total Semester Hours	14-15

Fall Semester Year 4	
Course	Hours
CSES 3023 Colloquium or AGED 3143 Communicating Agriculture to the Public	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) or General Elective	3
Statistics OR Natural Resources Core (See courses for pre-requisites)	3
General Elective	3
General Elective as Broadening Elective (Could apply toward a minor)	2-3
General Elective (Could apply toward a minor)	2-3
Total Semester Hours	13-15

TOTAL HOURS

120