

**Dale Bumpers College of Agricultural, Food & Life Sciences**  
**NINE-SEMESTER DEGREE COMPLETION PROGRAM**  
*B.S.A. – Crop, Soil, and Environmental Sciences (CSES) – Crop Science (CPSCBS)*  
**2019-2020**

CSES Requirements: 15 hours Communication; 3 hours History; 6 hours Mathematics and Computer Science; 18-23 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 36 hours departmental core; 9-12 hours CPSC Specialization; 15-18 hours electives (1hr – UNIV 1001); **Bold** – Course meets University Core; Pre-requisites, co-requisites, or recommended courses are in parentheses.

Fall Semester Year 1		Spring Semester Year 1	
Course	Hours	Course	Hours
<b>ENGL 1013</b> Composition I	3	CSES 2103/2101L Crop Science and lab	4
<b>MATH 1203</b> College Algebra	3	CSES 1203 Plant Science <b>or</b> <b>BIOL 1613/1611L</b> Plant Biology and lab (Pre-BIOL 1543/1541L)	3-4
<b>BIOL 1543/1541L</b> Principles of Biology and lab	4	<b>ENGL 1023</b> Comp II (Pre- ENGL 1013)	3
<b>History Core Elective</b>	3	COMM 1313 Public Speaking	3
UNIV 1001 University Perspectives	1	<b>AGEC 1103</b> Agricultural Microeconomics (Pre- MATH 1203) <i>Required</i>	3
<b>Total Semester Hours</b>	<b>14</b>	<b>Total Semester Hours</b>	<b>16-17</b>
Fall Semester Year 2		Spring Semester Year 2	
Course	Hours	Course	Hours
<b>CHEM 1103/1101L</b> Univ Chemistry I and lab (Pre – MATH 1203) <b>OR</b> <b>CHEM 1073/1071L</b> Fundamentals of Chemistry	4	<b>CHEM 1123/1121L</b> Univ Chemistry II and lab (Pre – CHEM 1103) <b>OR</b> CHEM 2613/2611L Organic Physiological Chemistry and lab (Pre-CHEM 1073/1071L <b>OR</b> CHEM 1123/1121L <b>OR</b> CHEM 1123H/1121M)	4
ENGL 2003 Advanced Comp <b>OR</b> ENGL 3053 Technical & Report Writing	3	AGME 2903 AGRI & HESC Applications of Microcomputers <b>OR</b> AGST 4023 (Pre-MATH 1203 or equiv) <b>OR</b> STAT 2303 (pre-MATH 1203 <b>OR</b> MATH 1024 with C or better)	3
<b>Social Science Core Elective</b>	3	<b>Social Science Core Elective</b>	3
<b>Fine Arts/Humanities Core Elective</b>	3	<b>Fine Arts/Humanities Core Elective</b>	3
Select one (1) course from Group A or B on check sheet	2-3	Select one (1) course from Group A or B on check sheet	2-3
<b>Total Semester Hours</b>	<b>15-16</b>	<b>Total Semester Hours</b>	<b>15-16</b>
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
CHEM 2613/2611L Organic Physiological Chemistry and lab (Pre-CHEM 1073/1071L <b>OR</b> CHEM 1123/1121L <b>OR</b> CHEM 1123H/1121M) <b>OR</b> General Elective (AGBS minors may wish to choose a course from the Controlled Electives in the minor)	4	BIOL 2323 General Genetics (Pre-BIOL 1543/1541L & CHEM 1123/1121L <b>OR</b> CHEM 1223/1221L) & MATH 1203 <b>OR</b> STAT 2023) <b>OR</b> BIOL 4303 Plant Physiology (Pre-BIOL 2533 <b>OR</b> CHEM 3813 <b>OR</b> CHEM 5843) <b>OR</b> ANSC/POSC 3123 Principles of Genetics (Pre-BIOL 1543 and MATH 1203)	3
PLPA 3004 Principles of Plant Pathology with lab	4	Select one course from Group A or B	2-3
ENTO 3013 Intro to Entomology (Suggested Pre-BIOL 1543/1541L)	3	CPSC Specialization Elective	3
Select 1 course from Group A on check sheet	2	General Elective	6
CSES 2203/2201L Soil Science & lab (Pre-MATH 1203 and CHEM 1073/1071L or 1103/1101L)	4	<b>Total Semester Hours</b>	<b>14-15</b>
<b>Total Semester Hours</b>	<b>17</b>		
Summer Year 3			
Course	Hours		
CSES 462V Internship (Pre-junior standing) <b>OR</b> CSES 400V Special Problems <b>OR</b> AFLS 401V Study Abroad	3		
<b>Total Semester Hours</b>	<b>3</b>		
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
CSES 3023 CSES Colloquium (Pre- COMM 1313)	3	CSES 4013 Advanced Crop Science (Pre- CSES 2103)	3
CSES 4133 Ecology & Morphology of Weedy/Invasive Plants (Pre-CSES 2103 <b>OR</b> HORT 2003) <b>OR</b> CSES 4143 Principle of Weed Control (CHEM 1073/1071L)	3	CPSC Specialization Elective	3-6
CSES 4224 Soil Fertility with lab (Pre- CSES 2203/2201L and CHEM 1123/1121L or (CHEM 1073/1071L and CHEM 2613/2611L)	4	General Elective (hours will depend on previous course choices; Course selections should result in semester total of 9-14 credit hours)	0-7
CPSC Specialization Elective	3	<b>Total Semester Hours</b>	<b>6-16</b>
<b>Total Semester Hours</b>	<b>13</b>		
		<b>TOTAL HOURS</b>	<b>120</b>