

Dale Bumpers College of Agricultural, Food & Life Sciences
NINE-SEMESTER DEGREE COMPLETION PROGRAM

B.S.A. – Agricultural Education, Communication and Technology (AECT) – Agricultural Systems Technology Management (ASTM)
2015-2016

AECT Requirements: 3-9 hours Communication; 3 hours History; 3 hours Mathematics; 15 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 24 hours departmental core; 33 hours concentration requirement; 17-23 hours electives

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
UNIV 1001 – University Perspectives	1	ENGL 1023 – Composition II (Pre-req: ENGL 1013) – unless exempt	3
AGME 1613/1611L - Fundamentals of Agricultural Systems Technology	4	Fine Arts/Humanities Core Elective	3
ANSC 1032 - Introductory Animal Sciences	2	HIST 2003 or 2013 or PLSC 2003	3
ANSC 1051 - Introduction to the Livestock Industry (Pre-req: ANSC 1032)	1	MATH 1203 - College Algebra OR MATH 1313 – Math Reasoning OR higher (Pre-req: MATH 0003 or ACT Score)	3
BIOL 1543/1541L - Principles of Biology and lab	4	PSYC 2003 – General Psychology	3
ENGL 1013 - Composition I – unless exempt	3		
Total Semester Hours	15	Total Semester Hours	15
Fall Semester Year 2		Spring Semester Year 2	
Course	Hours	Course	Hours
AGEC 1103 - Principles of Ag Microeconomics (Pre-req: MATH 1203)	3	AGEC 2303 – Intro to Agribusiness (Pre-req: AGECE 1103 or ECON 2023)	3
AGME 2903 – Applications of Microcomputers	3	AGED 3143 – Agricultural Communications	3
CHEM 1073/1071L - Fundamentals of Chemistry and lab	4	CSES 2013 – Pest Management	3
CSES 1203 – Introduction to Plant Sciences	3	Math/Science Elective	3
General Elective	3	General Electives	3
Total Semester Hours	16	Total Semester Hours	15
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
AGEC 3403 – Farm Business Management	3	AGEC 3303 – Food & Ag Marketing (Pre-req: AGECE 1103 or ECON 2023)	3
ASTM Concentration Elective	2-3	AGED 3153 – Leadership Development in Agriculture (Pre-req: Junior Standing)	3
BIOL 2013/2011L - General Microbiology and lab or PHYS 1044/1040L or higher (Pre-req: BIOL 1543/1541L & 2 Semesters Gen. Chem.)	4	AGME 3102/3101L – Small Power Units/Turf Eqpt	3
CSES 2203 – Soil Science (Pre-req: CHEM 1103)	3	AGME 3173 – Electricity in Agriculture w/ lab component	3
CSES 2201L – Soil Science Lab OR CSES 355V (1) (Pre-or Co-req: CSES 2203)	1	Math/Science Elective	3-4
Social Science Core Elective	3		
Total Semester Hours	16-17	Total Semester Hours	15-16
Summer Year 3			
Course	Hours		
EXED 475V – Internship (Pre-req: Junior Standing)	3		
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
AGED 4003 – Issues in Agriculture (Pre-req: Junior Standing)	3	ASTM Concentration Elective	3
ASTM Concentration Elective	3	Fine Arts/Humanities Core Elective	3
Upper Division General Electives	6	Upper Division General Electives	6
Total Semester Hours	12	Total Semester Hours	12
		TOTAL HOURS	120