



**ARKANSAS STATE**  
UNIVERSITY

**Eight-Semester Degree Plan**  
**Bachelor of Science in Agriculture**  
**Major in Agricultural Studies**  
**Emphasis in Agricultural Systems Technology**  
**2019-2020**

Year 1							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ENG 1003	Comp I	3	x	ENG 1013	Comp II	3	x
HIST 2763/2773 or POSC 2103	US History to/since 1876 or Intro to US Government	3	x	COMS 1203	Oral Communication	3	x
AGRI 1213	Making Connections in Agriculture	3	x	MATH 1023	College Algebra	3	x
PSSC 1303	Intro to Plant Science;	3		CIT 1503 or CS 1013	Microcomputer Applications or Introduction to Computers Applications	3	
ART 2503; MUS 2503; TEHA 2503	Choose 1 Fine Arts: Fine Arts – Visual; Fine Arts – Music; Fine Arts - Theater	3	x	CHEM 1013/1011; CHEM 1043/1041	General Chemistry I and Laboratory or Fund. Concepts of Chemistry	4	x
<b>Total Hours:</b>		15		<b>Total Hours:</b>		16	

Year 2							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
Gen Ed Social Science* HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; CMAC 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Mass Communication	3	x	Gen Ed Social Science* HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; CMAC 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Mass Communication	3	x
AGST 2003	Intro to Ag Systems	3		ENG 2003/2013 or PHIL 1013	World Literature to/ since 1660 or Intro to Philosophy	3	x
AGEC 1003	Intro to Agribusiness	3		BIO 1503/ 1501; GEOL 1003/ 1001; PHSC 1014; PHSC 1203/ 1201; PHYS 1103/ 1101; PHYS 2054	Choose one: Biology of Plants and Laboratory; Environmental Geology and Laboratory; Energy and the Environment; Physical Science and Laboratory; Intro to Space Science and Laboratory; General Physics I	4	
MATH 1033	Plane Trigonometry	3		PSSC 2813	Soils	3	
BIOL 1003/1001	Biological Science/ lab	4	x	GEO 2613;	Introduction to Geography	3	
<b>Total Hours:</b>		16		<b>Total Hours:</b>		16	

Year 3							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 3023; GEOG 3723; GEOG 4113; GEOG 4633	Choose one: Principles of Ecology; Intro to Physical Geography, Weather & Climate; Water Resources Planning; Climatology	3		PSSC 3313; PSSC 3323; PSSC 4813	Choose one: Plant Disease Management; Weeds and Weed Control; Soil Fertility	3	
AGST 3543	Fundamentals of GIS/GPS	3		AGST 4003	Modern Irrigation Systems	3	
AGRI 3813	AG Biosystems I	3		AGST 4543	Advanced Geographic Information Systems	3	
AGST 3503	Geospatial Data Applications	3		TECH 3803	Electrical Systems	3	
PSSC 4713 or PSSC 4804	Soil Quality Assessment & Interpretation or Principles of Crop Production	3 or 4		STAT 3233	Applied Stats	3	
<b>Total Hours:</b>				<b>Total Hours:</b>			
15 or 16				15			

Year 4							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
AGST 4773	Remote Sensing	3		AGST 4843	Agricultural Systems Technology Capstone	3	
AGST 4022	Irrigation Technology Tools	2		AGRI 4223	Ag and the Environment	3	
AGST 4501 or AGST 4511	Agricultural Decision Analysis or Unmanned Aircraft Systems	1		AGRI 3823	AG Biosystems II	3	
AGRI 4723 AGRI 420V(3)	AG Connections or Internships in Agriculture	3		Upper Level Elective	Upper Level Elective in: AGEC, AGST, AGRI, PSSC.	3	
Upper Level Elective	Upper Level Elective in: AGEC, AGST, AGRI, PSSC.	3					
Upper Level Elective	Upper Level Elective in: AGEC, AGST, AGRI, PSSC.	3					
<b>Total Hours:</b>				<b>Total Hours:</b>			
15				12			
<b>Total Upper-Level Hours:</b>				<b>Total Degree Hours:</b>			
57				120			

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters. A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. Failure to participate in required assessments may delay graduation.

**Additional Graduation Requirements:**

**2019-2020 BACHELORS OF SCIENCE AGRICULTURE DEGREES**

*For a more detailed outline of all academic requirements and regulations for the Bachelors of Science in Agriculture degrees, please see the 2019-2020 Undergraduate Bulletin.*

1. At least 120 credit hours
2. 45 hours of upper level (JR/SR) credit
3. Completed all required and elective hours
4. Maintain a minimum 2.0 GPA in all sections of the degree course work
  - a. General Education
  - b. Ag Core
  - c. Major Requirements
  - d. Program Emphasis Requirements
  - e. Free Electives
5. Minimum overall 2.0 GPA (including A-State and Transfer hours)