



**ARKANSAS STATE  
UNIVERSITY**

**Eight-Semester Degree Plan  
Bachelor of Agriculture  
Major in Plant and Soil Science  
Emphasis in Environmental Horticulture  
2020-2021**

Year 1							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ENG 1003	Composition I	3	x	ENG 1013	Composition II	3	x
MATH 1023	College Algebra	3	x	COMS 1203	Oral Communication	3	x
AGRI 1213	Making Connections in Agriculture	3		ART/MUS/ THEA 2503	Fine Arts: Visual/ Musical/ Theater Choose 1	3	x
PSSC 1303 & PSSC 1301	Intro to Plant Science & lab	4		HIST 1013/1023; SOC 1660; Intro to Sociology; Intro to 2213; PSY 2013; GEO 2613; CMAC 1003	Choose 1: World Civilization to /since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x
HIST 2763/2773 or POSC 2103	US History to/ since 1876 or Intro to US Government	3	x	AGEC 1003	Intro to Agribusiness	3	
<b>Total Hours:</b>		16		<b>Total Hours:</b>		15	
Year 2							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
CHEM 1043/1041	Fund. Concepts of Chemistry with lab	4	x	PSSC 2813/2811	Soils and Soils Lab	4	
ANSC 1613 or AGST 2003	Intro to Animal Science or Intro to Ag Systems Technology	3	x	AGRI 3233 or STAT 3233	Applied AG Statistics or Applied Statistics	3	
ENG 2003 or 2013 or PHIL 1103	World Literature to/ since 1660 or Intro to Philosophy	3	x	HORT 2253	Fundamentals of Horticulture	3	
AGRI 2213	Genetic Improvement of Plants and Animals	3		AGEC 3013 or CIT 1503	Computerized Ag Records or Microcomputer Applications	3	
HIST 1013/1023; SOC 2213; PSY 2013; GEO 2613; CMAC 1003	Choose 1: World Civilization to /since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x	CHEM 1052	Fund. Concepts Organic and Biochemistry	2	
<b>Total Hours:</b>		16		<b>Total Hours:</b>		15	
Year 3							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
HORT 3293	Landscape Plant Materials	3		BIO 3303/3301 or BIO 3313/3311	General Entomology with Lab or Economic Entomology with Lab	4	
AGRI 3813	Ag Biosystems I	3		PSSC 3323	Weeds and Weed control	3	
UL Horticulture Elective	AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants	3		UL Horticulture Elective	AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants	3	
PSSC 4313	Plant Growth and Development	3		PSSC 3313	Plant Disease Management	3	
BIOL 1003/1001	Biological Science with lab	4	x	AGRI 3823	Ag Biosystems II	3	
<b>Total Hours:</b>		16		<b>Total Hours:</b>		16	

Year 4							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
UL Horticulture Elective	AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants	12		HORT 4333	Greenhouse and Nursery Production	3	
Free Elective	Free elective, consult advisor	3		AGRI 4223	Ag and the Environment	3	
				PSSC 4313	Plant Disease Management	3	
				Free Elective	Free elective, consult advisor	3	
				AGRI 4723	AG Connections	3	
<b>Total Hours:</b>		15		<b>Total Hours:</b>		15	
<b>Total Upper-Level Hours:</b>		45		<b>Total Degree Hours:</b>		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:**

#### **2020-2021 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 2020-2021 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)