

Arkansas State University

Bachelor of Science

Major: Plant Science Emphasis: Science Research

2012-2013

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 must be upper division credit (3000-4000 level), is required for this degree (developmental courses are excluded). Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

Year 1				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
AGRI 1213	Seminar: Making Connections	3		SCOM 1203	Oral Communications	3	X
MATH 1023	College Algebra	3	X	CHEM 1043	Fund Concepts of Chem	3	X
PSSC 1303	Intro to Plant Science	3		CHEM 1041	Fund Concepts of Chem Lab	1	X
HIST 2763 or 2773 or POSC 2103	US History to 1876, or US History since 1876 or Intro to US Govt	3	X	ART, MUS or THEA 2503	Fine Arts Visual, Musical or Theatre	3	X
				PSSC 1301	Plant Science Lab	1	
Total Hours		15		Total Hours		14	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ANSC 1613	Intro to Animal Science	3		AGEC 1003	Intro to Agricultural Business	3	
AGRI 3233 or ECON 2113 or STAT 3233	Applied Ag Statistics or Bus Stats I or Applied Stats	3		Social Sci.	Course not previously taken in this category - See Gen Ed List	3	X
ENG 2003 or 2013 or PHIL 1103	Intro to World Lit I or Intro to World Lit II or Intro to Philo	3	X	PSSC or HORT Elective	See Advisor	3	
BIOL 1003	Biological Science	3	X	PSSC 2813	Soils	3	
BIOL 1001	Biological Science Lab	1	X	PSSC 2811	Soils Lab	1	
PSSC or HORT Elective	See Advisor	3		Social Sci.	Course not previously taken in this category - See Gen Ed List	3	X
Total Hours		16		Total Hours		16	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 1503	Biology of Plants	3		BIO 3303 or 3313	General Entomology or Economic Ento	3	
BIO 1501	Lab for Biology of Plants	1		BIO 3301 or 3311	General Entomology Lab or Economic Ento Lab	1	
AGRI 2213	Genetic Improv Plants/Animals	3		AGRI Core ¹	See Agri Core List	3	

				CHEM 3103	Organic I	3	
CHEM 1023	Gen Chem II	3		CHEM 3101	Organic I Lab	1	
CHEM 1021	Gen Chem II Lab	1		PSSC or HORT Elective	See Advisor (4 or 5 hrs depending	5	
Elective	Must be Jr/Sr Level Course within College	3					
Total Hours		14		Total Hours		16	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
AGRI 3723	Agri Conn: Tech Intrep and Prof Pres	3		PSSC 3313	Plant Disease Management	3	
PSSC 4313	Plant Growth and Dev	3		AGRI 4223	Agriculture and the Environment	3	
CHEM 3113	Organic II	3		CHEM 4243	Biochemistry	3	
CHEM 3111	Organic II Lab	1		MATH 2204 or MATH 2194 or AGRI 4233	Calculus I or Survey of Cal, or Exp. Agri Stats (3 or 4 hrs)	3	
Elective	Must be Jr/Sr Level Course within College	4		AGEC 3013 or CIT 1503	Computerized Agri Records or Microcomputer Applications	3	
Total Hours		14		Total Hours		15	
Total Jr/Sr Hours		45		Total Degree Hours		120	
Graduation Requirements:							
Completion of HIST 2763 or HIST 2773 or POSC 2103							
English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)							
¹ At least 3 credits from the following list (Agri Core):							
TECH 2453, Solid Works I OR TECH 2883, Introduction to Quality Control OR							
TECH 3863, Industrial Safety OR FDST 2203, Introduction to Food Science OR							
AGRI 2213, Genetic Improvement of Plants and Animals OR BIOL 3013, Genetics OR							
PSSC 3503, Agriculture Spatial Technologies I OR							
AGED 3453, Agricultural Structural Systems OR							
AGED 445V, Practicum in Agricultural Communications OR							
AGED 4473, International Agriculture Study Tour							
* Must be completed by Sophomore Year							
2.00 GPA in Major							
2.00 GPA at ASU							
2.00 GPA Overall							
Maximum of 31 hours via correspondence, extension, examination, PLA, Military or similar means;CLEP (30 hrs max)							
45 JR/SR Hours after completing 30 hours							
120 Total Credit Hours							
18 of last 24 hours must be ASU-Jonesboro courses							
Minimum of 57 hours from 4-year institutions							
32 Resident Hours if completing second degree and first degree was not from ASU-J							