Arkansas State University - Jonesboro
Bachelor of Science Agriculture

Major: Plant and Soil Science Emphasis: Agronomy

2013-14

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 division 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.***

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
MATH 1023	College Algebra	3	x		SCOM 1203	Oral Communications	3	x
AGRI 1213	Making Connections	3			CHEM 1043/1041	Fund. Chemistry/Lab	4	x
PSSC 1303	Intro Plant Science	3						
HIST 2763 or 2773 or POSC 2103	US History to 1876 or since 1876 Intro to US Government	3	x		MUS/THEA/ART 2503	Fine Arts – Musical/Theatre/ Art	3	x
					HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x
Total Hours		15			**Total Hours**		16	
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 Ag Business	3	
AGRI 3233 or ECON 2113 or STAT 3233	Applied Ag Stat or Bus Statistics or Statistics	3			PSSC 1301	Plant Science Lab	1	
ENG 2003 or 2013; PHIL 1103	Intro to Lit I or II; Intro to Philosophy	3	x		PSSC or HORT electives	Consult your advisor	4	
CHEM 1052	Fund. Concepts of Chem. II	2			AGRI 3543 or PSSC 3503	Fundamentals of GIS or Ag Spatial Tech	3	
PSSC 2813 and 2811	Soils and Soils Lab	4			BIO 1003/1001	Biological Science	4	x
Total Hours		15			**Total Hours**		15	

Year 3					Year 3			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
AGRI 2213	Genetic Improvements of Plants and Animals	3			BIO 3303 and 3301 OR 3313 and 3311	General Entomology and Lab OR Economic Entomology and Lab	4	
HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x		AGEC 3013 or CIT 1503	Computerized Ag Records or Microcomputer Applications	3	
Elective	Must be Jr/Sr level course within the college-consult your advisor	3			PSSC or HORT electives	Consult your advisor	5	
PSSC 3323	Weeds and Weed Control	3			PSSC 4813	Soil Fertility	3	
Ag Core Electives	See List at End of Plan	3						
Total Hours		15			**Total Hours**		15	
Year 4					**Year 4**			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
AGRI 3723	Agricultural Connections: Technical Interpretation and Professional Applications	3			PSSC 3313	Plant Disease Management	3	
PSSC 4313	Plant Growth and Development	3			PSSC or HORT electives	Consult your advisor	3	
PSSC or HORT electives	Consult your advisor	6			Elective	Must be Jr/Sr level course within the college-consult your advisor	4	
BIO 1503	Biology of Plants	3			AGRI 4223	Agriculture and the Environment	3	
					BIO 1501	Biology of Plants Lab	1	
Total Hours		15			**Total Hours**		14	
Total Jr/Sr Hours		**45**			**Total Degree Hours**		**120**	

Other Graduation Requirements for BSA

1. 2.00 GPA in Major
2. 2.00 Cumulative GPA
3. 120 total credit hours required
4. Minimum of 45 JR/SR Hours ***after completing 30 hours***
5. 18 of last 24 hours must be from ASU-Jonesboro courses
6. Minimum of 57 hours from 4-year institutions
7. Minimum of 32 Resident Hours if completing second degree & first degree not from ASU-J
8. Maximum of 31 hours via correspondence, extension, examination, PLA, Military or similar means
9. 30 hours maximum CLEP

Ag Core Electives: AGED 3453 Ag Structural Systems, AGED 445V Practicum in Ag Communications, AGED 4473 International Ag Study Tour, AGRI 2213 Gen Imp of Plants and Animals, BIO 3013 Genetics, FDST 2203 Intro to Food Science, PSSC 3503 Ag Spatial Technologies, TECH 2453 Solid Works I, TECH 3863 Industrial Safety, TECH 4823 Quality Assurance

Arkansas State University - Jonesboro
Bachelor of Science Agriculture

Major: Plant and Soil Science Emphasis: Environmental Horticulture

2013-14

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 division 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.***

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
MATH 1023	College Algebra	3	x		SCOM 1203	Oral Communications	3	x
AGRI 1213	Making Connections	3			CHEM 1043/1041	Fund. Chemistry/Lab	4	x
PSSC 1303	Intro Plant Science	3						
HIST 2763 or 2773 or POSC 2103	US History to 1876 or since 1876 Intro to US Government	3	x		MUS/THEA/ART 2503	Fine Arts – Musical/Theatre/ Art	3	x
					HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x
Total Hours		15			**Total Hours**		16	
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 Ag Business	3	
AGRI 3233 or ECON 2113 or STAT 3233	Applied Ag Stat or Bus Statistics or Statistics	3			PSSC 1301	Plant Science Lab	1	
HORT 2253	Fundamentals of Horticulture	3			HORT electives	Consult your advisor	4	
CHEM 1052	Fund. Concepts of Chem. II	2			HORT 4253	Greenhouse Management	3	
PSSC 2813 and 2811	Soils and Soils Lab	4			BIO 1003/1001	Biological Science	4	x
Total Hours		15			**Total Hours**		15	

Year 3					Year 3			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
AGRI 2213	Genetic Improvements of Plants and Animals	3			BIO 3303 and 3301 OR 3313 and 3311	General Entomology and Lab OR Economic Entomology and Lab	4	
HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x		AGEC 3013 or CIT 1503	Computerized Ag Records or Microcomputer Applications	3	
Elective	Must be Jr/Sr level course within the college-consult your advisor	3			HORT electives	Consult your advisor	5	
HORT 3293	Landscape Plant Materials	3			ENG 2003 or 2013; PHIL 1103	Intro to Lit I or II; Intro to Philosophy	3	x
Ag Core Electives	See List at End of Plan	3						
Total Hours		15			**Total Hours**		15	
Year 4					**Year 4**			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
AGRI 3723	Agricultural Connections: Technical Interpretation and Professional Applications	3			PSSC 3313	Plant Disease Management	3	
PSSC 4313	Plant Growth and Development	3			HORT electives	Consult your advisor	3	
HORT electives	Consult your advisor	6			Elective	Must be Jr/Sr level course within the college-consult your advisor	4	
BIO 1503	Biology of Plants	3			AGRI 4223	Agriculture and the Environment	3	
					BIO 1501	Biology of Plants Lab	1	
Total Hours		15			**Total Hours**		14	
Total Jr/Sr Hours		**45**			**Total Degree Hours**		**120**	

Other Graduation Requirements for BSA

1. 2.00 GPA in Major
2. 2.00 Cumulative GPA
3. 120 total credit hours required
4. Minimum of 45 JR/SR Hours ***after completing 30 hours***
5. 18 of last 24 hours must be from ASU-Jonesboro courses
6. Minimum of 57 hours from 4-year institutions
7. Minimum of 32 Resident Hours if completing second degree & first degree not from ASU-J
8. Maximum of 31 hours via correspondence, extension, examination, PLA, Military or similar means
9. 30 hours maximum CLEP

Ag Core Electives: AGED 3453 Ag Structural Systems, AGED 445V Practicum in Ag Communications, AGED 4473 International Ag Study Tour, AGRI 2213 Gen Imp of Plants and Animals, BIO 3013 Genetics, FDST 2203 Intro to Food Science, PSSC 3503 Ag Spatial Technologies, TECH 2453 Solid Works I, TECH 3863 Industrial Safety, TECH 4823 Quality Assurance

Arkansas State University - Jonesboro
Bachelor of Science Agriculture

Major: Plant and Soil Science Emphasis: Science and Research

2013-14

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 division 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.***

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
MATH 1023	College Algebra	3	x		SCOM 1203	Oral Communications	3	x
AGRI 1213	Making Connections	3			CHEM 1013 and 1011	General Chemistry I and Lab	4	x
PSSC 1303	Intro Plant Science	3						
HIST 2763 or 2773 or POSC 2103	US History to 1876 or since 1876 Intro to US Government	3	x		MUS/THEA/ART 2503	Fine Arts – Musical/Theatre/ Art	3	x
					HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x
Total Hours		15			**Total Hours**		16	
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 Ag Business	3	
AGRI 3233 or ECON 2113 or STAT 3233	Applied Ag Stat or Bus Statistics or Statistics	3			PSSC 1301	Plant Science Lab	1	
ENG 2003 or 2013; PHIL 1103	Intro to Lit I or II; Intro to Philosophy	3	x		PSSC 2813 and 2811	Soils and Soils Lab	4	
CHEM 1023 and 1021	General Chemistry II and Lab	4			MATH 2204 or MATH 2194 or AGRI 4233	Calculus or Survey of Calculus or Experimental Ag Stat	3-4	
BIO 1503	Biology of Plants	3			BIO 1003/1001	Biological Science	4	x
Total Hours		16			**Total Hours**		15-16	

Year 3					Year 3			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
AGRI 2213	Genetic Improvements of Plants and Animals	3			BIO 3303 and 3301 OR 3313 and 3311	General Entomology and Lab OR Economic Entomology and Lab	4	
HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x		AGEC 3013 or CIT 1503	Computerized Ag Records or Microcomputer Applications	3	
Elective	Must be Jr/Sr level course within the college-consult your advisor	2			PSSC or HORT electives	Consult your advisor	4	
CHEM 3103 and 3101	Organic Chemistry I and Lab	4			CHEM 3113 or 3111	Organic Chemistry II and Lab	4	
Ag Core Electives	See List at End of Plan	3						
Total Hours		15			**Total Hours**		15	
Year 4					**Year 4**			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
AGRI 3723	Agricultural Connections: Technical Interpretation and Professional Applications	3			PSSC 3313	Plant Disease Management	3	
PSSC 4313	Plant Growth and Development	3			PSSC or HORT electives	Consult your advisor	0-1	
PSSC or HORT electives	Consult your advisor	6			Elective	Must be Jr/Sr level course within the college-consult your advisor	5	
CHEM 4243	Biochemistry	3			AGRI 4223	Agriculture and the Environment	3	
					BIO 1501	Biology of Plants Lab	1	
Total Hours		15			**Total Hours**		12-13	
Total Jr/Sr Hours		**45**			**Total Degree Hours**		**120**	

Other Graduation Requirements for BSA

1. 2.00 GPA in Major
2. 2.00 Cumulative GPA
3. 120 total credit hours required
4. Minimum of 45 JR/SR Hours ***after completing 30 hours***
5. 18 of last 24 hours must be from ASU-Jonesboro courses
6. Minimum of 57 hours from 4-year institutions
7. Minimum of 32 Resident Hours if completing second degree & first degree not from ASU-J
8. Maximum of 31 hours via correspondence, extension, examination, PLA, Military or similar means
9. 30 hours maximum CLEP

Ag Core Electives: AGED 3453 Ag Structural Systems, AGED 445V Practicum in Ag Communications, AGED 4473 International Ag Study Tour, AGRI 2213 Gen Imp of Plants and Animals, BIO 3013 Genetics, FDST 2203 Intro to Food Science, PSSC 3503 Ag Spatial Technologies, TECH 2453 Solid Works I, TECH 3863 Industrial Safety, TECH 4823 Quality Assurance