

BACHELOR OF SCIENCE IN AGRICULTURE (B.S.A.G.) MAJOR IN AGRICULTURE (HORTICULTURE CONCENTRATION)

Minimum required: 120 semester credit hours

General Requirements

1. Students cannot enroll in upper-level (3000 or 4000) agriculture courses until they have successfully completed MATH 1315, MATH 1319, or MATH 2417 and CHEM 1341 and CHEM 1141.
2. If two years of the same modern language are taken in high school, then no additional language hours will be required for the degree. In the absence of modern language taken in high school, then two semesters of the same modern language (1410 and 1420) must be taken at the college level, and the requirement will be added to the student's degree audit.
3. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
4. Nine semester credit hours must be writing intensive (WI).
5. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.

Course Requirements

		Freshman	
	First Semester Hours	Second Semester Hours	
US 1100	1	Communication Component Code 010	3
Communication Component Code 010	3	BIO 1330 (Life and Physical Sciences Component Code 030 [TCCN BIOL 1306])	3
AG 1110 (TCCN AGRI 1131) ¹	1	BIO 1130 (TCCN BIOL 1106)	1
MATH 1315, 1319, or 2417 (Mathematics Component Code 020 [TCCN MATH 1314, 1324 or 2412])	3	Component Area Option Codes 090, 091, 092, 093 and 094	3
AG 1445 (TCCN AGRI 1419)	4	AG 2390 (TCCN AGRI 1309) ¹	3
Government/Political Science Component Code 070	3		
	15		13

		Sophomore	
	First Semester Hours	Second Semester Hours	
American History Component Code 060	3	American History Component Code 060	3
AG 2383 (TCCN AGRI 2317)	3	Social and Behavioral Sciences Component Code 080	3
AG 2373 (TCCN AGRI 2303)	3	CHEM 1341 (Life and Physical Sciences Component Code 030 [TCCN CHEM 1311])	3
AG 2313 or 2379 (TCCN AGRI 1307 or 1315)	3	CHEM 1141 (TCCN CHEM 1111)	1
AG Elective	3	Component Area Option Codes 090, 091, 092, 093 and 094	3
		Creative Arts Component Code 050	3
	15		16

		Junior	
	First Semester Hours	Second Semester Hours	
Language, Philosophy, and Culture Component Code 040	3	AG 4304 or 4305	3
AG 3302	3	AG Elective	3
AG 3426	4	Government/Political Science Component Code 070	3
AG 3319	3	AG 3308 or 4302	3
AG 3304 or 4300	3	AG 3427	4
	16		16

		Senior	
	First Semester Hours	Second Semester Hours	
AG Elective	3	AG Electives	5
AG 3341	3	AG 3305	3
AG 3306	3	AG 3317 or 3318	3
AG 3329	3	AG 4307	3
ENG 3303	3		
	15		14

Total Hours: 120

¹ Must be successfully completed in the first 45 college credit hours at Texas State.

AG Electives

Code	Title	Hours
AG 3301	Principles of Livestock Genetics	3
AG 3310	Agriculture Power and Machinery Technology	3
AG 3314	Animal Health and Disease Control	3
AG 3321	Range Management	3
AG 3325	Animal Nutrition	3
AG 3330	Applied Wildlife Nutrition	3
AG 3331	Reproduction in Farm Animals	3
AG 3345	Livestock Selection and Evaluation	3

AG 3350	Intermediate Microeconomics and Agricultural Application	3
AG 3351	Agricultural Marketing and Sales	3
AG 3352	Quantitative Methods in Agricultural Economics	3
AG 3353	Agricultural Structures and Environment	3
AG 4185	Independent Study	1
AG 4310	Agricultural Internship	3
AG 4325	Feeds and Feeding	3
AG 4328	Advanced Animal Science-NonRuminants	3
AG 4361	Agriculture Electric and Mechanical Systems	3
AG 4371U	Anatomy & Physiology of livestock	3
AG 4371V	Green Revolution & Agricultural Development in Asia	3
AG 4379	Agriculture Irrigation Technology	3
AG 4381	Agricultural Policy	3
AG 4383	Agricultural Resource Economics	3
AG 4390	Global Agriculture	9
AG 4401	Genetics and Breeding for Crop Selection	4
HON 3396Y	Urban Horticulture	3