

**Bachelor of Science in Agriculture
Major in Agriculture-Animal Science
Integrated Ranch and Natural Resource Management
2015**

(10) Communication (6 hours)

- ENG 1310 College Writing I
- ENG 1320 College Writing II

(30) Life & Physical Sciences (8 hours)

- BIO 1330 Functional Biology
- BIO 1130 Functional Biology Lab

AND

- CHEM 1341 General Chemistry I
- CHEM 1141 General Chemistry I LAB

(050) Creative Arts (3 hours)

- ART 2313 Introduction to Fine Arts, Art
Or DAN 2313 Introduction to Fine Arts, Dance
Or MU 2313 Introduction to Fine Arts, Music
Or TH 2313 Introduction to Fine Arts, Theater

(070) Government/Political Science (6 hours)

- POSI 2310 Principles of American Government
- POSI 2320 Functions of American Government

(90) Texas State- Communication (3 hours)

- COMM 1310 Fundamentals of Human Communication

University Requirement (1 hour)

- US 1100 University Seminar-
PACE Only

(020) Mathematics (3 hours)

- MATH 1315 College Algebra
or
- MATH 1319 Mathematics for Business and Economics I

(040) Language, Philosophy and Culture (3 hours)

- PHIL 1305 Philosophy & Critical Thinking (WI)
Or
- PHIL 1320 Ethics in Society (WI)

(060) American History (6 hours)

- HIST 1310 U.S. History to 1887 (WI)
- HIST 1320 U.S. History to Date (WI)

(080) Social & Behavioral Science (3 hours)

- PSY 1300 Introduction to Psychology
Or SOCI 1310 Introduction to Sociology
Or ANTH 1312 Cultural Anthropology
Or GEO 1310 World Geography

(090) Texas State- Language, Philosophy and Culture (3 hours)

- ENG 2310 British Literature Before 1785
Or ENG 2320 British Literature Since 1785
Or ENG 2330 World Literature Before 1600
Or ENG 2340 World Literature Since 1600
Or ENG 2359 American Literature Before 1865
Or ENG 2360 American Literature Since 1865

Texas State GPA 2.0

Major GPA 2.25

Course	Prerequisites
<input type="checkbox"/> AG 1110 Careers in Agriculture	
<input type="checkbox"/> AG 1445 Basic Animal Science	
<input type="checkbox"/> AG 2310 Applied Leadership Principles	AG 1110
<input type="checkbox"/> AG 2390 Computer Applications in Agriculture	
<input type="checkbox"/> AG 2383 Introduction to Agricultural Economics	
<input type="checkbox"/> AG 2373 Introduction to Agriculture Engineering	
<input type="checkbox"/> AG 3352 Quantitative Methods in AG Economics	MATH 1315 or MATH 1319 or MATH 2321 or MATH 2471
<input type="checkbox"/> AG 3301 Genetics of Livestock and Plant Improvements (WI)	AG 1445 AND BIO 1330/1130
<input type="checkbox"/> AG 3314 Animal Health and Disease Control	AG 1445
<input type="checkbox"/> AG 3321 Range Management	AG 1445
<input type="checkbox"/> AG 3325 Animal Nutrition (WI)	CHEM 1341/1141 AND BIO 1330/1130
<input type="checkbox"/> AG 3351 Agricultural Marketing and Sales (WI)	AG 2383 AND MATH 1315 or MATH 1319
<input type="checkbox"/> AG 3353 Agricultural Structures and Environment	MATH 1315 or MATH 1319 AND AG 2373 AND AG 2390
<input type="checkbox"/> *AG 3426 Soil Science I	CHEM 1341/1141 AND AG 2313* or AG 2379*
<input type="checkbox"/> AG 3317 Farm Management	AG 2383 AND AG 2390 AND MATH 1315 or MATH 1319
<input type="checkbox"/> AG 3319 International Food and Fiber Systems	
<input type="checkbox"/> AG 3331 Reproduction in Farm Animals	AG 1445 AND AG 3301, or BIO 2450
<input type="checkbox"/> AG 4325 Feeds and Feeding	AG 1445 AND CHEM 1341/1141 AND BIO 1330/1130
<input type="checkbox"/> AG 4326 Advanced Animal Science-Ruminants (WI)	AG 1445
<input type="checkbox"/> AG 4330 Food Technology: Process Meats	AG 1445 AND BIO 1330/1130 AND CHEM 1341/1141
<input type="checkbox"/> AG 4307 Professional Development in Agriculture (WI)	Senior Standing
Support Courses	
<input type="checkbox"/> ACC 2361 Introduction to Finance Accounting	MATH 1319 or equivalent
<input type="checkbox"/> 2 Hour Advanced Elective (3000-4000 level)	Dependent on course selected
<input type="checkbox"/> ENG 3303 Technical Writing (WI)	
<input type="checkbox"/> GEO 2426 Fundamentals of Geographic Information Systems	MATH 1315 or MATH 1319 with a "C" or better

*AG 3426- Animal Science-Integrated Ranch and Natural Resource Management majors are not required to take AG 2379 or AG 2313

*AG 3426-Students within this major will need to request a prerequisite override from the Agriculture Department (AG 201) for AG 3426 (must have successfully completed CHEM 1341/1141)

Total Minimum Hour Requirement for Graduation: 120 semester hours

Minimum Advanced Hour Requirement for Graduation: 36 Advanced Hours (3000-4000 level classes)

Minimum Writing Intensive Hours Required for Graduation: 9

In the absence of high school foreign language credit, two semesters of the same modern language must be taken at the college level.

See the Texas State University undergraduate catalog for complete list of graduation requirements. The final responsibility for meeting all graduation requirements stated in the undergraduate catalog rests with the student. This form is only a guide to understanding the Texas State Undergraduate Catalog. This sheet is not meant to be a complete list of University graduation requirements.