

**Bachelor of Science in Agriculture  
Major in Agriculture  
(Concentration in Agricultural Mechanics)  
2021**

<b>(010) Communication (6hrs.)</b>	
<input type="radio"/> ENG 1310 College Writing I	
<input type="radio"/> ENG 1320 College Writing II	
<b>(020) Mathematics (3hrs.)</b>	
<input type="radio"/> MATH 1315 College Algebra <b>OR</b> MATH 1319 Mathematics for Business and Economics I <b>OR</b> MATH 2417 Pre-Calculus	<b>Select One</b>
<b>(030) Life and Physical Sciences (8hrs)</b>	
<input type="radio"/> BIO 1330 Functional Biology	
<input type="radio"/> BIO 1130 Functional Biology Lab	
<input type="radio"/> CHEM 1341 General Chemistry I	
<input type="radio"/> CHEM 1141 General Chemistry I Lab	
<b>(040) Language, Philosophy, and Culture (3hrs.)</b>	
<input type="radio"/> PHIL 1305 Philosophy & Critical Thinking (WI) <b>OR</b> PHIL 1320 Ethics in Society (WI)	<b>Select One</b>
<b>(050) Creative Arts (3hrs.)</b>	
<input type="radio"/> ART 2313 Introduction to Fine Arts <b>OR</b> DAN 2313 Introduction to Fine Arts <b>OR</b> MU 2313 Introduction to Fine Arts <b>OR</b> TH 2313 Introduction to Fine Arts	<b>Select One</b>
<b>(060) American History (6hrs.)</b>	
<b>Select one of the three courses listed below:</b>	<b>Select one of the three courses listed below:</b>
<input type="radio"/> HIST 1310 U.S. History to 1877 (WI) Or HIST 2327 History of Mexican America to 1865 (WI) Or HIST 2381 African American History to 1877 (WI)	<input type="radio"/> HIST 1320 U.S. History 1877 to Date (WI) Or HIST 2328 Hist of Mexican America from 1865 (WI) Or HIST 2382 African American History from 1877 (WI)
<b>(070) Government/Political Science (6hrs.)</b>	
<input type="radio"/> POSI 2310 Principles of American Government	
<input type="radio"/> POSI 2320 Functions of American Government	
<b>(080) Social &amp; Behavioral Science (3hrs.) – Select one of the following:</b>	
<input type="radio"/> PSY 1300 Introduction to Psychology <b>OR</b> SOCI 1310 Introduction to Sociology <b>OR</b> ANTH 1312 Cultural Anthropology <b>OR</b> GEO 1310 World Geography <b>OR</b> CA 2351 Behavioral and Personal Financial Mgt.	<b>OR</b> ECO 2301 Principles of Economics <b>OR</b> ECO 2314 Principles of Microeconomics <b>OR</b> PFW 1301 Soc. And Behavior Dimensions of Physical Fitness and Wellness
<b>(090) Texas State Area Option (6 hrs.)</b>	
<input type="radio"/> COMM 1310 Fundamentals of Human Communication	
<input type="radio"/> ENG 2310 British Literature Before 1785 (WI) <b>OR</b> ENG 2320 British Literature Since 1785 (WI) <b>OR</b> ENG 2330 World Literature Before 1600 (WI) <b>OR</b> ENG 2340 World Literature Since 1600 (WI) <b>OR</b> ENG 2359 American Literature Before 1865 (WI) <b>OR</b> ENG 2360 American Literature Since 1865 (WI) <b>OR</b> ENG 2371 U.S. Literature: Writing Identities (WI)	<b>Select One</b>
<input type="radio"/> US 1100- University Seminar	

# College of Applied Arts Advising Center | Texas State University

## Texas State GPA 2.0

## Major GPA 2.25

Course	Prerequisites
<input type="radio"/> AG 1110 Careers in Agriculture	
<input type="radio"/> AG 1445 Basic Animal Science	
<input type="radio"/> AG 2390 Computer Applications in Agriculture	
<input type="radio"/> AG 2313 Agronomic Crop <b>OR</b> <input type="radio"/> AG 2379 General Horticulture	
<input type="radio"/> AG 2373 Introduction to Agricultural Engineering	
<input type="radio"/> AG 2374 Metal Fabrication and Welding Technology for AG	<b>AG 2373</b>
<input type="radio"/> AG 2383 Introduction to Agricultural Economics	
<input type="radio"/> AG 3310 Agriculture Power and Machine Technology	<b>MATH 1315 or MATH 1319 or MATH 2321 or MATH 2471 <u>AND</u> AG 2373</b>
<input type="radio"/> AG 3317 Farm Management <b>OR</b> <input type="radio"/> AG 3318 Agriculture Business Management	<b>AG 3317: MATH 1315 or MATH 1319 <u>AND</u> AG 2383 <u>AND</u> AG 2390 AG 3318: MATH 1315 or MATH 1319 or MATH 2321 or MATH 2471 <u>AND</u> AG 2383 <u>AND</u> AG 2390</b>
<input type="radio"/> AG 3319 International Food and Fiber Systems	<b>Junior Classification</b>
<input type="radio"/> AG 3341 Leadership Development in Agricultural Sciences	
<input type="radio"/> AG 3353 Agriculture Structures and Environment	<b>AG 3353: MATH 1315 <u>AND</u> AG 2373 <u>AND</u> AG 2390</b>
<input type="radio"/> AG 3375 MGT of Agricultural Machines and Equipment	<b>MATH 1315 or MATH 1319 or MATH 2321 or MATH 2471 <u>AND</u> AG 2373:CHEM 1341/1141 <u>AND</u> AG 2390</b>
<input type="radio"/> AG 3426 Soil Science I	<b>CHEM 1341 <u>AND</u> CHEM 1141 <u>AND</u> AG 2313 or AG 2379 or BIO 1330</b>
<input type="radio"/> AG 3455 Land Surveying <b>OR</b> <input type="radio"/> AG 4379 Agriculture Irrigation Technology	<b>AG 3455: MATH 1315 or MATH 1319 <u>AND</u> AG 2373 <u>AND</u> AG 2390 AG 4379: AG 2373</b>
<input type="radio"/> AG 4307 Professional Development in Agriculture <b>(WI)</b>	<b>Senior Classification-Taken Last Semester</b>
<input type="radio"/> AG 4361 Agriculture Electric and Mechanical Systems	<b>AG 2373</b>
<input type="radio"/> 11 hours of AG Electives from: AG 3301, AG 3302, AG 3304, AG 3305, AG 3306, AG 3308, AG 3314, AG 3321, AG 3325, AG 3329, AG 3330, AG 3331, AG 3345, AG 3350, AG 3351, AG 3352, AG 3355, AG 3427, AG 4185 (maximum 3 credits), AG 4300, AG 4302, AG 4304, AG 4305, AG 4325, AG 4326, AG 4328, AG 4330, AG 4381, AG 4382, AG 4383, AG 4401	<b>Prerequisites dependent on AG electives selected: See advisor or view undergraduate catalog: <a href="http://mycatalog.txstate.edu/undergraduate/applied-arts/agriculture/#coursestext">http://mycatalog.txstate.edu/undergraduate/applied-arts/agriculture/#coursestext</a></b>
Support Courses	
<input type="radio"/> PHYS 1315 General Physics I	<b>PHYS 1315: MATH 1315 with a grade of "C" or higher, Co-requisite: PHYS 1115</b>
<input type="radio"/> PHYS 1115 General Physics I Lab	<b>Prerequisite or Co-requisite PHYS 1315</b>
<input type="radio"/> TECH 1311 Engineering Design Graphics	
<input type="radio"/> TECH 2310 Introduction to Computer-Aided Design	<b>ENGR 1313 or TECH 1311 either with a grade of "C" or better</b>
<input type="radio"/> ENG 3303 Technical Writing <b>(WI)</b>	

**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**

**Graduation with Honors: 54 Texas State hours and overall Texas State GPA of 3.4 or higher**

**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.**