



This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

**KEY:**  
Arrows indicate prerequisites.  
Arrows with dotted lines indicate co-requisites.  
Arrows with dash lines are recommended prerequisites.  
Courses taught specific semesters are indicated with the following codes:  
F-Fall  
S-Spring  
Su-Summer Session I or II

Required WI courses: AG 3325, AG 3427, AG 4307, ENG 3303

**Core courses must be completed:**

\_\_\_\_ 6 credits Core 010  
 \_\_\_\_ 3 credits Core 020  
 \_\_\_\_ 6 credits Core 030  
 \_\_\_\_ 3 credits Core 040  
 \_\_\_\_ 3 credits Core 050  
 \_\_\_\_ 6 credits Core 060  
 \_\_\_\_ 6 credits Core 070  
 \_\_\_\_ 3 credits Core 080  
 \_\_\_\_ 6 credits Core 090,  
 \_\_\_\_ 091, 092, 093, 094, & 095  
 TXST options: ENG 1310, ENG 3303  
 AG required course: MATH 1315, 1319 or 2417  
 AG required course: CHEM 1341 & BIO 1330  
 TXST options: PHIL 1305 or 1320, ENG 2310, 2320, 2330, 2340, 2359, 2360, or 2371  
 TXST options: See catalog for options: <http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>  
 TXST options: [HIST 1310/2327/2381] & [HIST 1320/2328/2382]  
 TXST options: POST 2310 & POSI 2320  
 TXST options: ANTH 1312, ECO 2301, ECO 2314, GEO 1310, PSY 1300, SOCI 1310, CA 2351, PFW 1301  
 See catalog for options: <http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>

US 1100 may be required for some students. Consult with an advisor regarding course choices.

Range Management Focus	Agronomist – Crop Physiologist	Soil Scientist – Soils Conservationist
<p><b>8 Hours of Approved Elective Options:</b></p> <p>AG 1110 Careers In Agriculture (F,S)  AG 2275 Agricultural Safety  AG 3301 Livestock Genetics (F,S,Su)  AG 3304 Propagation (F)  AG 3305 Woody Plants (S)  AG 3314 Animal Disease and Control (F,S)  <del>AG 3317 Ranch and Farm Management (F,S)</del>  AG 3319 International Food and Fiber  AG 3325 Animal Nutrition (F,S)  AG 3330 App Wildlife Nutrition (F) <i>(can apply to only one requirement)</i>  AG 3331 Reproduction in Farm Animals (F,S)  AG 3345 Livestock Selection (F,S)  AG 3350 Intermediate Micro Econ (F)  AG 3355 International Trade (S)  AG 3427 Soil Health and Regenerative Practices (F,S)  AG 4401 Crop Genetics  AG 4302 Fruit and Vegetable Production (S)  AG 4325 Feeds and Feeding (F,S,Su)  AG 4326 Adv Animal Sci Ruminant (F,S)  <del>AG 4421 Holistic Range Management</del>  AG 4185 Independent Study</p> <p>BIO 2410 Intermediate General Botany (F)  BIO 2450 Genetics (F,S)  BIO 3406 Economic Botany (F)</p> <p>GEO 2310 Global Environmental Change (F,S,Su) <i>(can apply to only one requirement)</i></p> <p>GEOL 1410 Physical Geology (F,S,Su)  <del>GEOL 3410 Sedimentation and Stratigraphy (S)</del>  GEOL 3450 Earth Materials (F)</p>	<p><b>11 Hours of Approved Elective Options:</b></p> <p>AG 1110 Careers In Agriculture (F,S)  AG 2275 Agricultural Safety  AG 3301 Livestock Genetics (F,S,Su)  AG 3304 Propagation (F)  AG 3305 Woody Plants (S)  AG 3314 Animal Disease and Control (F,S)  AG 3317 Ranch and Farm Management (F,S)  AG 3319 International Food and Fiber  AG 3325 Animal Nutrition (F,S)  AG 3330 App Wildlife Nutrition (F)  AG 3331 Reproduction in Farm Animals (F,S)  AG 3345 Livestock Selection (F,S)  AG 3350 Intermediate Micro Econ (F)  AG 3355 International Trade (S)  AG 3427 Soil Health and Regenerative Practices (F,S)  <del>AG 4302 Fruit and Vegetable Production (S)</del>  <del>AG 4401 Crop Genetics</del>  AG 4421 Holistic Range Management  AG 4325 Feeds and Feeding (F,S,Su)  AG 4326 Adv Animal Sci Ruminant (F,S)  AG 4185 Independent Study</p> <p>BIO 2410 Intermediate General Botany (F) – <b>strongly recommended</b>  BIO 2450 Genetics (F,S)  BIO 3406 Economic Botany (F)</p> <p>GEO 2310 Global Environmental Change (F,S,Su)</p> <p>GEOL 1410 Physical Geology (F,S,Su)  <del>GEOL 3410 Sedimentation and Stratigraphy (S)</del>  GEOL 3450 Earth Materials (F)</p>	<p><b>6 Hours of Approved Elective Options:</b></p> <p>AG 1110 Careers In Agriculture (F,S)  AG 2275 Agricultural Safety  AG 3301 Livestock Genetics (F,S,Su)  AG 3304 Propagation (F)  AG 3305 Woody Plants (S)  AG 3314 Animal Disease and Control (F,S)  AG 3317 Ranch and Farm Management (F,S)  AG 3319 International Food and Fiber  AG 3325 Animal Nutrition (F,S)  AG 3330 App Wildlife Nutrition (F)  AG 3331 Reproduction in Farm Animals (F,S)  AG 3345 Livestock Selection (F,S)  AG 3350 Intermediate Micro Econ (F)  AG 3355 International Trade (S)  AG 3427 Soil Health and Regenerative Practices (F,S)  <del>AG 4401 Crop Genetics</del>  AG 4421 Holistic Range Management  AG 4302 Fruit and Vegetable Production (S)  AG 4325 Feeds and Feeding (F,S,Su)  AG 4326 Adv Animal Sci Ruminant (F,S)  AG 4185 Independent Study</p> <p>BIO 2410 Intermediate General Botany (F)  BIO 2450 Genetics (F,S)  BIO 3406 Economic Botany (F)</p> <p>GEO 2310 Global Environmental Change (F,S,Su)</p> <p><del>GEOL 1410 Physical Geology (F,S,Su)</del>  GEOL 3410 Sedimentation and Stratigraphy (S)  <del>GEOL 3450 Earth Materials (F)</del></p>