



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.

Range Management Focus	Agronomist – Crop Physiologist	Soil Scientist – Soils Conservationist
<p style="text-align: center;">8 Hours of Approved Elective Options:</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) <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) AG 4421 Holistic Range Management 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) GEOL 3410 Sedimentation and Stratigraphy (S) GEOL 3450 Earth Materials (F)</p>	<p style="text-align: center;">11 Hours of Approved Elective Options:</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) AG 4302 Fruit and Vegetable Production (S) AG 4401 Crop Genetics 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) – strongly recommended 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) GEOL 3410 Sedimentation and Stratigraphy (S) GEOL 3450 Earth Materials (F)</p>	<p style="text-align: center;">6 Hours of Approved Elective Options:</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) AG 4401 Crop Genetics 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>GEOL 1410 Physical Geology (F,S,Su) GEOL 3410 Sedimentation and Stratigraphy (S) GEOL 3450 Earth Materials (F)</p>