# BACHELOR OF SCIENCE, MAJOR IN AGRICULTURAL BUSINESS WITH TEACHING CERTIFICATION

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td></td>
<td><strong>Core Curriculum</strong> (<a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/</a>)</td>
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<tr>
<td></td>
<td>Component Area I (Communication)</td>
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<td>Component Area II (Mathematics)</td>
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<td>Component Area III (Life and Physical Science)</td>
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<td>Component Area IV (Language, Philosophy, and Culture)</td>
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<td>Component Area V (Creative Arts)</td>
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<td>Component Area VI (U.S. History)</td>
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<td>Component Area VII (Political Science/Government)</td>
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<td>Component Area VIII (Social and Behavioral Sciences)</td>
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<td>Component Area IX (Component Area Option)</td>
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<td><strong>Degree Specific Requirements</strong></td>
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<tr>
<td></td>
<td>ACOM 3360</td>
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<tr>
<td></td>
<td>Communication Skills for Agriculturists</td>
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</tr>
<tr>
<td></td>
<td>or ENGL 3330</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intro to Technical Writing</td>
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<tr>
<td></td>
<td>AGRI 1309</td>
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<tr>
<td></td>
<td>Computers in Agriculture (or approved substitute)</td>
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<td></td>
<td>or CSTE 1330</td>
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<tr>
<td></td>
<td>Introduction to Computers</td>
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<td>CHEM 1406</td>
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<tr>
<td></td>
<td>Inorganic &amp; Envir Chemistry</td>
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<td>MATH 1324</td>
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<td>Mth for Mngl Decision Making</td>
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<td>MATH 1342</td>
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<tr>
<td></td>
<td>Elementary Statistics</td>
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<td></td>
<td><strong>Major: Foundation</strong></td>
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<td>AGBU 2317</td>
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</tr>
<tr>
<td></td>
<td>Principles of Agri Economics</td>
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<td>AGBU 2385</td>
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<tr>
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<td>Analysis of the Agr Sector</td>
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<tr>
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<td></td>
<td>Agribusiness Financl Analysis</td>
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<td></td>
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<td>Agribusiness Org &amp; Mgt</td>
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<td></td>
<td>AGBU 3367</td>
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<td></td>
<td>Agricultural Finance</td>
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<td>AGBU 4340</td>
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<td></td>
<td>Agribusiness Marketing</td>
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<tr>
<td></td>
<td>AGBU 4363</td>
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<td></td>
<td>Agricultural Sales &amp; Consulting</td>
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<tr>
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<tr>
<td></td>
<td>Teaching Ag Technology</td>
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<tr>
<td></td>
<td>AGED 3320</td>
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</tr>
<tr>
<td></td>
<td>The Secondary Agriculture Education Program</td>
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<tr>
<td></td>
<td>AGED 4388</td>
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</tr>
<tr>
<td></td>
<td>Secondary Agriculture Education Program Management</td>
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<tr>
<td></td>
<td>AGET 2303</td>
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</tr>
<tr>
<td></td>
<td>Intro to Ag Engineering Tech</td>
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</tr>
<tr>
<td></td>
<td>AGET 4381</td>
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<tr>
<td></td>
<td>Adv Agricultural Mechanics</td>
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<tr>
<td></td>
<td>AGRI 1131</td>
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<tr>
<td></td>
<td>Intro to Pro Leadership Skills</td>
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<tr>
<td></td>
<td>ANSC 1319</td>
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<tr>
<td></td>
<td>Animal Science</td>
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</tr>
<tr>
<td></td>
<td>&amp; ANSC 1119</td>
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<tr>
<td></td>
<td>Animal Science Laboratory</td>
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<tr>
<td></td>
<td>ANSC 3373</td>
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<tr>
<td></td>
<td>Animal Nutrition</td>
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<td></td>
<td>ANSC 4360</td>
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<tr>
<td></td>
<td>Livestock Mgt Techniques</td>
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<tr>
<td></td>
<td>PLSC 1307</td>
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<tr>
<td></td>
<td>Plant Science</td>
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</tr>
<tr>
<td></td>
<td>&amp; PLSC 1107</td>
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</tr>
<tr>
<td></td>
<td>and Plant Science Laboratory</td>
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<tr>
<td></td>
<td>PLSC 3440</td>
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<tr>
<td></td>
<td>Soil Science</td>
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<td></td>
<td>PLSC 4370</td>
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<tr>
<td></td>
<td>Forage Crops &amp; Pasture Mgmt</td>
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<tr>
<td></td>
<td>or PLSC 3395</td>
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<tr>
<td></td>
<td>Plant Propagation Techniques</td>
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<td><strong>Major: Prescribed Electives</strong></td>
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<tr>
<td></td>
<td>Select one of the following Animal Production Electives:</td>
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<tr>
<td></td>
<td>ANSC 3376</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meat Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ANSC 4376</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sheep &amp; Goat Production &amp; Mgt</td>
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</table>
Bachelor of Science, Major in Agricultural Business with Teaching Certification

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANSC 4380</td>
<td>Beef Cattle Production &amp; Mgmt</td>
</tr>
<tr>
<td>EQSC 2364</td>
<td>Equine Science</td>
</tr>
<tr>
<td>WMGT 3381</td>
<td>Game Animal Production</td>
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</table>

**Teaching Certification**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISE 3384</td>
<td>The Teaching Profession</td>
</tr>
<tr>
<td>CISE 4364</td>
<td>Mth Tch Secondary Schools</td>
</tr>
<tr>
<td>CISE 4379</td>
<td>Differentiated Pedagogy</td>
</tr>
<tr>
<td>CISE 4380</td>
<td>Respon Of Pro Educator</td>
</tr>
<tr>
<td>READ 4378</td>
<td>Multiple Literacies in Secondary Education</td>
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</table>

**AFNR Student Teaching**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGED 4364</td>
<td>Methods of Teaching Agriculture Education</td>
</tr>
<tr>
<td>AGED 4365</td>
<td>Student Teaching in Agriculture Education</td>
</tr>
<tr>
<td>AGED 4366</td>
<td>Student Teaching in Agriculture Education</td>
</tr>
<tr>
<td>AGED 4394</td>
<td>Agriculture Education Learning Environments</td>
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</table>

**Minor: Not Required**

- A minor is not required for this degree program; however, a student has the option to add a minor, but to do so additional semester credits hours will be needed above the degree program's stated total semester credit hours.

**Notes:**

- Students must earn a 2.0 minimum overall GPA in all coursework.
- Students must meet a 2.75 minimum overall major GPA in all major coursework.
- Students must earn a 2.0 minimum SHSU GPA in all coursework.
- Students must meet a 2.75 minimum SHSU major GPA in all major coursework.
- Students must earn a "C" or better in all Education coursework.
- Students must earn a "C" or better in all Agricultural Science major coursework.
- Students must earn an overall GPA of 2.75 to be eligible for teacher certification in Texas.

**First Year**

<table>
<thead>
<tr>
<th></th>
<th>Fall Hours</th>
<th>Spring Hours</th>
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<tbody>
<tr>
<td>AGET 2303</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRI 1131</td>
<td></td>
<td>1 ENGL 1302&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td>ANSC 1319 &amp; ANSC 1119</td>
<td>4 HIST 1302&lt;sup&gt;2&lt;/sup&gt;</td>
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<tr>
<td>ENGL 1301&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3 MATH 1342</td>
<td></td>
</tr>
<tr>
<td>HIST 1301&lt;sup&gt;2&lt;/sup&gt;</td>
<td>3 PLSC 1307 &amp; PLSC 1107</td>
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<tr>
<td>MATH 1324&lt;sup&gt;3&lt;/sup&gt;</td>
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<p>|         | 17          | 16           |</p>
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<thead>
<tr>
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<th>Spring Hours</th>
<th>Summer Hours</th>
<th>Total Hours</th>
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<td>AGBU 2317</td>
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<td>Area III (<a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii</a>)</td>
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<td>Area IV (<a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv</a>)</td>
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<td>CHEM 1406</td>
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<td>POLS 2305</td>
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**Third Year**

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<tr>
<td>ACOM 3360 or ENGL 3330</td>
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<td>3</td>
<td>3</td>
<td>9</td>
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<td>AGBU 3367</td>
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<td>3</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>AGBU 4363</td>
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<td>9</td>
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<td>AGED 3320</td>
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<td>CISE 3384</td>
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<td>READ 4378</td>
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**Fourth Year**

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<tr>
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<td>3</td>
</tr>
<tr>
<td>CISE 4364</td>
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</tbody>
</table>
Bachelor of Science, Major in Agricultural Business with Teaching Certification

CISE 4379  
PLSC 3440  
PLSC 4370 or 3395

Total Hours: 139

1 Satisfies Core Curriculum requirement for Component Area I (Communications).
2 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
3 MATH 1324 satisfies Core Curriculum requirement for Component Area II (Mathematics) and the Degree Specific requirement.
4 ANSC 2360 or ECON 2301 or ECON 2302 is recommended and satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
5 Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
6 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
7 PLSC 2399 is recommended and satisfies Core Curriculum requirement for Component Area V (Creative Arts).
8 KINE 2115 NGLI 1101 or ECON 1100 is recommended and satisfies Core Curriculum requirement for Component Area IX (Component Area Option).
9 Select one course from the Prescribed Electives course listing below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>ANSC 3376</td>
<td>Meat Science</td>
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<tr>
<td>ANSC 4376</td>
<td>Sheep &amp; Goat Production &amp; Mgt</td>
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</tr>
<tr>
<td>ANSC 4380</td>
<td>Beef Cattle Production &amp; Mgmt</td>
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<tr>
<td>EQSC 2364</td>
<td>Equine Science</td>
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</tr>
<tr>
<td>WMGT 3381</td>
<td>Game Animal Production</td>
<td>3</td>
</tr>
</tbody>
</table>

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Students must meet a 2.75 minimum SHSU major GPA in all major coursework.

Students must earn a "C" or better in all Education coursework.

Students must earn a "C" or better in all agricultural science major coursework.

Students must earn an overall GPA of 2.75 to be eligible for teacher certification in Texas.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's 60x30TX plan and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Agricultural Business with Teaching Certification is designed to provide graduates with the following marketable skills:

- Manage, organize, and conduct Supervised Agricultural Experience Programs and Leadership, Career, and Speaking Development Events.
- Develop annual and long range plans (program of activity, semester, and lesson plans, etc.).
- Use effective research-based techniques to develop a positive classroom environment.
- Create lessons and units of instruction to meet the Texas Essential Knowledge and Skills requirements for Agriculture, Food, and Natural Resources classes.