The Agricultural Science curriculum is designed to offer the student a combination of courses in scientific agriculture and in professional education that will meet requirements for employment and advanced study in different careers in which the emphasis is on formal and informal programs of education. Such careers may include teaching agriculture food, and natural resources in high schools; working as an agricultural extension agent; working as an agricultural representative for a marketing agency, an agricultural supply company or other industries related to agriculture; and serving as an agricultural development consultant in an international program.

A student majoring in agriculture science will be counseled by an advisor in the Department of Agricultural Leadership, Education, and Communications to ensure that the program developed with the student will satisfy his or her unique interests, needs and professional aspirations. A combination of courses in scientific agriculture, education and general studies provides students with a knowledge of scientific agriculture and the ability to work with and influence people. Flexibility in course selection allows a student to place emphasis on a particular field of agriculture or to prepare broadly in agricultural studies. This flexibility will prepare a student to teach in a particular school setting, focusing upon a certain curriculum (e.g., mechanical systems, horticulture, animal science, or agricultural business).

Many aspects of the practice of agriculture are learned through experience. Enrollment in high school agricultural science and participation in FFA and/or 4-H are encouraged and recommended, but not required.

A student following this curriculum may be eligible to enter public schools as a teacher of agriculture food and natural resource under the Texas Education Agency. An off-campus professional teaching internship is required.

### Program Requirements

**Code** | **Title** | **Semester Credit Hours**
---|---|---
AGSC 402 | Designing Instruction for Secondary Agricultural Science Programs | 3
AGSC 425 | Learner Centered Instruction in Agricultural Science | 3
AGSC 436 | Professional Teaching Internship in AGSC | 6
AGSC 481 | Seminar | 1
AGSC 484 | Field Experience | 4

Select one of the following:

- ANSC 107 General Animal Science
- DASC 202 Dairying
- POSC 201 General Avian Science
- ANSC 320 Animal Nutrition and Feeding
- ANSC 330 Reproduction in Farm Animals
- ANSC 484 Livestock Practicum
- INST 210 Understanding Special Populations
- INST 301 Educational Psychology
- POLS 206 American National Government
- POLS 207 State and Local Government
- SCSC 105 World Food and Fiber Crops
- or HORT 201 or Horticultural Science and Practices

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<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
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<tr>
<td>AGSC 405</td>
<td>Facilitating Complete Secondary Agricultural Science Programs</td>
<td>3</td>
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**Notes:**

1. Must make a grade of 'C' or better to receive credit.
2. Professional development courses required for certification as a teacher of agricultural science.
In order to be eligible for student teaching, the AGSC major requires a 2.75 GPA.

Restricted electives in scientific agriculture are required for teacher certification by the Texas Education Agency. A minimum of 24 semester hours of scientific agriculture must be at the 300- and 400-level.

The Graduation requirements include a requirement for six hours of international and cultural diversity courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement.