BACHELOR OF SCIENCE, MAJOR IN AGRICULTURAL ENGINEERING TECHNOLOGY

The purpose of the Agricultural Engineering Technology curriculum is to provide an educational experience based on the fundamentals of engineering principles and practices. Theory-based lectures will be accompanied by experiential learning activities for persons who intend to pursue a career related to the technical operation and management of an agriculture enterprise. It is expected that graduates will choose a position of leadership and responsibility in a career area associated with service and sales, production, processing, product testing, alternative energies, or a government agency.

An internship in an agricultural engineering technology related business or industry is strongly encouraged for each student. This will provide students ‘real-life’ learning experiences outside their regular classroom and laboratory opportunities. Students generally seek an internship experience at the end of their sophomore or junior year. Internships may be arranged through a student’s contact with providers or through departmental announcements or postings. All internships must be approved by the student’s departmental academic adviser prior to the initiation of the internship. Maximum credit for the internships is six (6) credit hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Bachelor of Science, Major in Agricultural Engineering Technology</td>
<td>Core Curriculum</td>
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<tr>
<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 VII (Political Science/Government)</td>
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<tr>
<td>ACCT 2301</td>
<td>Principles Of Financial Acc</td>
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<td>or ACCT 2302</td>
<td>Principles Of Managerial Acc</td>
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<td>ACOM 3360</td>
<td>Communication Skills for Agriculturists</td>
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<tr>
<td>AGRI 1309</td>
<td>Computers in Agriculture (or approved substitute)</td>
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<tr>
<td>or CSTE 1330</td>
<td>Introduction To Computers</td>
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<td>ETDD 1361</td>
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<tr>
<td>MGMT 3310</td>
<td>Principles Of Management (or approved BUAD, AGBU (advanced))</td>
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<tr>
<td>PHYS 1305 &amp; PHYS 1105</td>
<td>Classical Physics &amp; Thermodynamics Lab</td>
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<td>Major Core</td>
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<tr>
<td>AGET 2303</td>
<td>Intro to Ag Engineering Tech</td>
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<tr>
<td>AGRI 1131</td>
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<tr>
<td>ANSC 1319</td>
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<td>PLSC 1307</td>
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<tr>
<td>AGBU 2317</td>
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<tr>
<td>or AGBU 2389</td>
<td>Agribusiness Financl Analysis</td>
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Bachelor of Science, Major in Agricultural Engineering Technology

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<td>Total Hours</td>
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**Note**
Students should use elective and/or minor hours to satisfy the 42 advanced hour requirement.

### First Year

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<th>Hours</th>
<th>Spring</th>
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<td>3 PLSC 1307 &amp; PLSC 1107</td>
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### Second Year

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### Third Year

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### Fourth Year

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Total Hours: 120