# AGRICULTURE - AGRICULTURE SCIENCE - ENVIRONMENTAL SCIENCE, B.S.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Credit Hours</th>
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<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
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<tr>
<td><strong>Semester 1</strong></td>
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<tr>
<td>BIOL 1306</td>
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<tr>
<td>ENGL 1301</td>
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<td>HIST 1301</td>
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<td>UNIV 1201</td>
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<tr>
<td>CHEM 1311</td>
<td>Gen Inorganic Chemistry I</td>
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<td>College Algebra</td>
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<tr>
<td>COMS 1311</td>
<td>Intro to Oral Communication</td>
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<tr>
<td>ENVS 2315</td>
<td>Intro Environmental Science</td>
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<td>GEOG 2472</td>
<td>Intro to Geographic Info Sys</td>
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<td>POLS 2301</td>
<td>Government and Politics of US</td>
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<td>Creative arts <a href="https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#creative">link</a></td>
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<tr>
<td>AGBU 2317</td>
<td>Introd to Agric Economics</td>
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<td>EVEN 2311</td>
<td>Env. Engr. Ethics &amp; Policy</td>
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<td>Government and Politics of TX</td>
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<td>AGBU 3380</td>
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<td>ENVS 3310</td>
<td>Landuse Decisions</td>
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<td>ENVS 3995</td>
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<td>PLSS 3410</td>
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<td>PLSS 3325</td>
<td>Field Crop Production</td>
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<td>Weed Management in Crops</td>
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<td>PLSS 4312</td>
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### Semester 2

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENVS 3315</td>
<td>Environmental Health</td>
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<tr>
<td>ENVS 4390</td>
<td>Topics Environmental Science</td>
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<tr>
<td>ENVS 4395</td>
<td>Research Environmental Science</td>
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<tr>
<td>GEOG 3460</td>
<td>GIS in Nat Res and Envir Mgmt</td>
<td>4</td>
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<tr>
<td>PLSS 3321</td>
<td>Sustainable Soil Water Manag</td>
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**Semester Credit Hours**: 16

### Senior Year

#### Semester 1

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CHEM 3451</td>
<td>Environmental Chemistry</td>
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<td>EVEN 3336</td>
<td>Environmental Microbiology</td>
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<tr>
<td>ENVS 4310</td>
<td>Ecology Natural Environs</td>
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Select 1 of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>PLSS 3331</td>
<td>Turf and Urban Plants</td>
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<tr>
<td>PLSS 3344</td>
<td>Vegetable Crop Production</td>
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<tr>
<td>PLSS 4331</td>
<td>Greenhouse Crop Production</td>
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**Elective**

**Semester Credit Hours**: 3

**Semester Credit Hours**: 16

#### Semester 2

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<th>Title</th>
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<tbody>
<tr>
<td>ENVS 4320</td>
<td>Aquatic and Marine Ecosystems</td>
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<tr>
<td>PLSS 4327</td>
<td>Soil Water Movement</td>
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<tr>
<td>or PLSS 4329</td>
<td>Soil Health and Productivity</td>
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<tr>
<td>RWSC 4380</td>
<td>Waterfowl and Wetlands</td>
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Advance Elective

**Semester Credit Hours**: 3

**Total Credit Hours Required**: 120

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1 Students must choose an approved elective from AGSC, AGBU, AGRI, ENVS, or PLSS.