### Recommended Coursework for Admission

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hrs.</th>
<th>TCCNS</th>
<th>TAMU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics Requirement</td>
<td>3</td>
<td>MATH 1324</td>
<td>MATH 140</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 1325, MATH 1425</td>
<td>MATH 142</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 2412</td>
<td>MATH 150</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 2413</td>
<td>MATH 151</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 2414</td>
<td>MATH 152</td>
</tr>
<tr>
<td>Chemistry I</td>
<td>4</td>
<td>CHEM 1411 (1311/1111)</td>
<td>CHEM 119</td>
</tr>
<tr>
<td>Biology for Science Majors I</td>
<td>4</td>
<td>BIOL 1406 (1306/1106)</td>
<td>BIOL 111</td>
</tr>
</tbody>
</table>

- The coursework above is recommended but not required for admission.
- Courses listed should be completed with a grade of D or better.
- Biology 1411 – General Botany (lecture + lab) is an acceptable substitute for BIOL 1406.
- Biology for Non-Science Majors will not satisfy the required coursework for biology.
- Introductory Chemistry/Molecular Science for Citizens will not satisfy the required coursework for chemistry.
- Students may have to complete College Algebra (MATH 1314) at their institution before taking other MATH courses.
- TAMU core curriculum mathematics courses with a MATH prefix are acceptable for this major. See core.tamu.edu for full list of acceptable mathematics courses.

The recommendations below represent what a typical TAMU student's schedule looks like during the first four semesters. If working to complete an Associate's Degree before transferring, please align your degree plan to satisfy TAMU degree requirements. You may not have to complete the coursework in the sequence below but this major requires or recommends specific coursework to be completed.

### First Year

#### FALL SEMESTER

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1406 (1306/1106)</td>
<td>BIOL 111</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td></td>
<td>Mathematics (MATH prefix)</td>
<td>3</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td></td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td></td>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
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</table>

#### SPRING SEMESTER

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1411 (1311/1111)</td>
<td>CHEM 119</td>
<td>Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td></td>
<td>Mathematics (MATH prefix)</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 1315</td>
<td>COMM 203</td>
<td>Public Speaking</td>
<td>3</td>
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<tr>
<td>core.tamu.edu</td>
<td></td>
<td>American History</td>
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### Second Year

#### FALL SEMESTER

<table>
<thead>
<tr>
<th>TCCNS</th>
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<th>Course Name</th>
<th>Hrs.</th>
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</thead>
<tbody>
<tr>
<td>AGRI 2317</td>
<td>AGEC 105</td>
<td>Introduction to Agricultural Economics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1342/1442</td>
<td>STAT 201</td>
<td>Elementary Statistical Inference</td>
<td>3</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td></td>
<td>Language, Philosophy &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 2305</td>
<td>POLS 206</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

#### SPRING SEMESTER

<table>
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<tr>
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<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 1315</td>
<td>HORT 201</td>
<td>Horticulture</td>
<td>3</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td></td>
<td>Creative Arts</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 2306</td>
<td>POLS 207</td>
<td>State &amp; Local Government</td>
<td>3</td>
</tr>
<tr>
<td>Free Elective</td>
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<td></td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

- Consider taking courses that fulfill the 3 hours of Cultural Discourse or 3 hours of International and Cultural Diversity requirement when completing the Language Philosophy and Culture, Social and Behavioral Sciences, and Creative Arts requirements.
- Prospective students should meet with an advisor in the Department of Soil and Crop Sciences to assist in determining which courses they should take prior to transfer.
Coursework Timeline
- Competitive applicants will have the recommended coursework completed by the application deadline.
- Applicants to the summer/fall term may be asked to submit spring final grades, this is not a guarantee.
- Summer coursework will not be considered for summer/fall applicants.
- Fall coursework will not be considered for spring applicants.
- Applicants to the spring term should have the recommended coursework completed by the end of Summer II semester before applying.

Additional Transfer Requirements
- The Department of Soil and Crop Sciences is looking for students who are interested in pursuing our degree as a focus. The essay and supporting materials should reflect that the student is interested in pursuing our degree.
- Meeting minimum requirements does not guarantee admission. The entire record is reviewed for consistency in coursework and grades.

Additional Information
- Applicants are encouraged to meet with an advisor in the Department of Soil and Crop Sciences prior to applying for admission.
- Applicants should be serious about earning a degree in Plant and Environmental Soil Science.
- Transfer applicants are instructed NOT to accept transfer admission to any major with the expectation of later applying for an on-campus change of major.
- Please contact department regarding second-choice major consideration before applying.
- Contacting an academic advisor in this department is strongly recommended prior to application.

Career & Educational Opportunities
Plant and Environmental Soil Science BS - This major focuses on the science behind growing plants or dealing with products made from plants that we cannot live without (such as food, fiber, and fuel). Students learn to develop innovative and sustainable approaches to economic crop production and environmental protection. You can choose between an emphasis in Crops or Soil and Water. The crops emphasis focuses on the principles involved in the production, management, marketing and use of fiber, forage, grain, biofuel and oil crops. In the soil and water emphasis, students will study the nature, properties, management, conservation, and use of soils and water. The students in Plant & Environmental Soil Science may choose a career in: education—consulting, extension, or public relations; production agriculture—biofuel or seed production, farming, or farm management; soil and water resource management—soil surveying, land appraisal, land use planning, conservation and pollution abatement, or watershed management; environmental—pollution control and environmental protection as affected by plant-soil-water interactions. For more information please visit careercenter.tamu.edu.

Turfgrass Science BS - Students following this curriculum develop and utilize basic scientific knowledge to understand the most fundamental resources—turfgrass, soils, and water—and the interaction of these resources in different environmental settings. The required courses provide an essential foundation, while the elective courses (i.e., ornamental horticulture, plant protection, business, landscape architecture) can be selected to meet the interests, needs and objectives of individual students. Turfgrass Science prepares graduates for careers in: management—golf courses, athletic fields, public, private or commercial grounds; production agriculture—turfgrass production, or plant breeding; agribusines—seed sales, turf equipment and supplies, landscape contractor, commercial or home lawn care specialists; education—consulting, extension, or public relations. For more information please visit careercenter.tamu.edu.

Transfer Course Sheet Notes
1. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
2. Transfer applicants are encouraged to complete University Core Curriculum coursework found in the Undergraduate Catalog unless specified above.
3. This Transfer Course Sheet was supported in a partnership between the Office of Admissions and the College of Agriculture at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.