



Plant and Environmental Soil Science BS  
 And Turfgrass Science BS  
 College of Agriculture & Life Sciences  
 LeAnn Hague, Advisor | 979.845.6148  
[leann.hague@tamu.edu](mailto:leann.hague@tamu.edu)  
[soilcrop.tamu.edu](http://soilcrop.tamu.edu)

2022-2023 Transfer Course Sheet  
 Minimum GPA | 2.5 overall  
 Minimum Transferable Hours | 24  
 Second-Choice Major Eligible | YES

### Recommended Coursework for Admission

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

- 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](http://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

TCCNS	TAMU	Course Name	Hrs.
BIOL 1406 (1306/1106)	BIOL 111	Biology I	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Mathematics (MATH prefix)	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Communication	3
<b>Total</b>			<b>13</b>

#### SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 1411 (1311/1111)	CHEM 119	Chemistry I	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Mathematics (MATH prefix)	3
SPCH 1315	COMM 203	Public Speaking	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History	3
<b>Total</b>			<b>13</b>

### Second Year

#### FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
AGRI 2317	AGEC 105	Introduction to Agricultural Economics	3
MATH 1342/1442	STAT 201	Elementary Statistical Inference	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Language, Philosophy & Culture	3
GOVT 2305	POLS 206	American National Government	3
<b>Total</b>			<b>12</b>

#### SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
AGRI 1315	HORT 201	Horticulture	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Creative Arts	3
GOVT 2306	POLS 207	State & Local Government	3
		Free Elective	3
<b>Total</b>			<b>12</b>

- 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.



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**Minimum GPA | 2.5 overall**  
**Minimum Transferable Hours | 24**  
**Second-Choice Major Eligible | YES**

#### **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](http://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; agribusiness—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](http://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.