



Plant and Environmental Soil Science BS  
 College of Agriculture & Life Sciences  
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[soilcrop.tamu.edu](http://soilcrop.tamu.edu)

2024-2025 Transfer Course Sheet  
 Minimum GPA | 2.5 overall  
 Minimum Transferable Hours | 24  
 Second-Choice Major Eligible | YES

**Recommended Coursework for Admission (Required: Minimum of ONE of the two from the chart below)**

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
Natural Science Requirement	4	BIOL 1406 (1306/1106)	BIOL 111
		BIOL 1411 (1311/1111)	BIOL 101
		CHEM 1411 (1311/1111)	CHEM 119
		GEOL 1403 (1303/1103)	GEOL 101 & 102
		AGRI 1415 (1315/1115)	HORT 201 & 202
		PHYS 1401 (1301/1101)	PHYS 201

**This transfer course sheet is applicable for applicants applying between August 1<sup>st</sup>, 2024 and October 15<sup>th</sup>, 2025.**

- The coursework above is recommended but not required for admission. Must complete at least one of the recommended courses.
- Courses listed should be completed with a grade of D or better.
- 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.
	Natural Science Requirement	*see options below	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.
	Natural Science Requirement	*see options below	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 ECON 2302 ECON 2301	Economics Requirement		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.
	Natural Science Requirement	*see options below	4
	<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>13</b>

- **Natural Science Requirement Options** (12 total hours required for degree which must include 3 labs) – choose from BIOL 101 (BIOL 1411 or 1311/1111), BIOL 111 (BIOL 1406 or 1306/1106), BIOL 112 (BIOL 1407 or 1307/1107), CHEM 119 (CHEM 1411 or 1311/1111), CHEM 120 (CHEM 1412 or 1312/1112)



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

1412 or 1312/1112), GEOL 101 & 102 (GEOL 1403 or 1303/1103), HORT 201 & 202 (AGRI 1415 or 1315/1115), PHYS 201 (PHYS 1401 or 1301/1101), PHYS 202 (PHYS 1402 or 1302/1102)

- 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](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.