



Environmental Engineering
 College of Engineering
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<https://engineering.tamu.edu/civil>

2023-2024 Transfer Course Sheet
 Minimum GPA | 3.5
 Minimum Transferable Hours | 24
 Maximum Transferable Hours | 64
 Second-Choice Major Eligible | NO

Required Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
Engineering Mathematics I	4	MATH 2413	MATH 151
Engineering Mathematics II	4	MATH 2414	MATH 152
Chemistry I	4	CHEM 1411 (1311/1111)	CHEM 119
Chemistry II	4	CHEM 1412 (1312/1112)	CHEM 120
Physics for Engineers I	3	PHYS 2325 or 2425	PHYS 206

Transfer applicants admitted to Texas A&M Engineering with credit for PHYS 2425 (2325/2125) and PHYS 2426 (2326/2126) may only receive 6 credit hours towards their Engineering bachelor's degree.

- Applicants should complete the courses listed with a grade of B or better before submitting the transfer application.
- Students may have to complete Trigonometry and Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
- Trigonometry and Pre-Calculus are transferable courses but **will not** satisfy the Mathematics requirements in this degree plan.

The recommendations below represent what a TAMU student's schedule may look like during the first four semesters minus the TAMU College of Engineering courses. If working to complete an Associate's Degree before transferring, work with your current academic advisor to try and align your degree plan with TAMU degree requirements to the extent possible. You may find an actual TAMU student's schedule at <https://catalog.tamu.edu/undergraduate/engineering/civil-environmental/environmental-engineering-bs/#programrequirementstext>

First Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 1411 (1311/1111) CHEM 1409	CHEM 119 or CHEM 107/117	Fundamentals of Chemistry I or General Chemistry for Engineering Students	4
MATH 2413	MATH 151	Engineering Math I	4
ENGL 1301	ENGL 103	Composition and Rhetoric ¹	3
	core.tamu.edu	University Core Curriculum	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
PHYS 2325 (2425)	PHYS 206	Physics for Engineers I ²	3
CHEM 1412 (1312/1112)	CHEM 120	Fundamentals of Chemistry II ³	4
MATH 2414	MATH 152	Engineering Math II	4
	core.tamu.edu	University Core Curriculum	3
Total			14

Notes:

1. Either ENGL 1301 or ENGL 1302 will fulfill three of the six required credit hours of Communication requirements.
2. You may take the four credit version of PHYS but only three credits will be applied.
3. Students that take CHEM 107/117 (CHEM 1410) do not need to take CHEM 119 and CHEM 120. Students who take CHEM 107/117 (CHEM 1409) do not need to take CHEM 119 and CHEM 120.

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
BIOL 1308	BIOL 113	Essentials of Biology	3
	core.tamu.edu	University Core Curriculum	3
MATH 2415	MATH 253	Engineering Mathematics III	3-4
PHYS 2426 (2326)	PHYS 207	Physics for Engineers II*	3
Total			12

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
ENGL 2311	ENGL 210	Technical and Business Writing	3
	core.tamu.edu	University Core Curriculum	9
MATH 2320	MATH 308	Differential Equations	3
Total			15

- Consider taking courses that fulfill the 3 hours of [International and Cultural Diversity requirement](#) when completing the Social and Behavioral Sciences, free electives and Creative Arts core curriculum requirements.

*You may take the four credit version of PHYS but only three credits will be applied.



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Coursework Timeline

- Competitive applicants will have the required coursework completed by the application deadline.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.
- Applicants to the spring term shall have the required coursework completed by the end of Summer II semester before applying.

Additional Transfer Requirements

- Transfer applicants should have completed a full semester (spring or fall) course load of 12 transferable hours (minimum) after graduating from high school.
- Applicants must earn a **B or better in all math, science, and engineering courses taken subsequent to the required coursework.**
- The Zachry Department of Civil & Environmental Engineering is looking for students who are interested in pursuing a career in environmental engineering as a focus. The department will not admit students who do not indicate our department as the primary major. The essay and supporting materials must demonstrate explicit interest in an environmental engineering career. The department gives preference to essays indicating experience in the field, special knowledge of environmental engineering, and or participation in extracurricular activities or organizations related to environmental engineering.
- Meeting minimum requirements **does not** guarantee admission. The entire record is reviewed for consistency in coursework and grades. Admission is for a finite number of places based upon competition among applicants meeting minimum requirements.

Additional Information

- Admission preference is given to applicants who are not already enrolled in an environmental engineering program at another institution.
- Admission preference is also given to applications who have fewer than 60 transferable credit hours.
- 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.
- The Zachry Department of Civil & Environmental Engineering makes admission decisions based upon final grades in required coursework and does **NOT** hold applications to wait for grades.
- Additional information on transfer into the Zachry Department of Civil & Environmental Engineering is available at <https://engineering.tamu.edu/civil/prospective-students/undergraduate/transferring>

Career & Educational Opportunities

Environmental engineers seek solutions to environmental challenges that impact the health and well-being of society and the environment. Environmental engineers develop strategies and technologies to treat and protect the quality of air, water and earth. Environmental engineers address emerging global challenges such as the impact of climate change on communities and ecosystems. Environmental engineers improve human and ecological health through impactful engineering applications. They are involved in ensuring good air quality, controlling water pollution and remediation of wastes at contaminated sites. They also develop the means to protect the environment and ensure environmental sustainability. Environmental engineers recognize the global impact that local actions can have on people and their environments. 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 Engineering at Texas A&M University with the 2022-2023 Undergraduate Catalog having the most extant and definitive information.