Chemical Engineering
College of Engineering
Advising@che.tamu.edu
engineering.tamu.edu/chemical

2025-2026 Transfer Course Sheet
Minimum GPA | 3.5
Minimum Transferable Hours | 24
Second-Choice Major Eligible | NO

Required Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
Engineering Math I	4	MATH 2413	MATH 151
Engineering Math II	4	MATH 2414	MATH 152
Chemistry I	4	CHEM 1411[1] (1311/1111)	CHEM 119
Chemistry II	4	CHEM 1412 (1312/1112)	CHEM 120
Physics for Engineers I	**3**	**PHYS 2425 or 2325**	**PHYS 206**
Physics for Engineers II	**3**	**PHYS 2426[2] or 2326**	**PHYS 207**
Composition and Rhetoric	3	ENGL 1301 or ENGL 1302	ENGL 103 or ENGL 104

This transfer course sheet is applicable for applicants applying between August 1st, 2025 and October 15th, 2026.

Transfer applicants admitted to Texas A&M Engineering with credit for PHYS 2425 (2325/2125) and PHYS 2426 (2326/2126) will only receive 6 credit hours towards their Engineering bachelor's degree if entering AFTER Spring 2018.

1. CHEM 1409 is an acceptable replacement for CHEM 1411 only if you are able to complete CHEM 1412 as the second chemistry
2. PHYS 2426 (or 2326) must be complete or in progress at time of application.
3. Students may have to complete Trigonometry and Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
4. College Algebra, Trigonometry and Pre-Calculus are transferable courses but **will not** satisfy the Mathematics requirements in this degree plan.
5. All other courses listed above **must be graded** at the time of reviewing the students transfer application
6. All required coursework must be completed with a grade of B or better.

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.

First Year

TCCNS	TAMU	Course Name	Hrs.
CHEM 1411 (1311/1111)	CHEM 119	Chemistry I	4
MATH 2413	MATH 151	Engineering Math I	4
	core.tamu.edu	American History	3
	core.tamu.edu	Language, Philosophy and Culture	3
		Total	**14**

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 1412 (1312/1112)	CHEM 120	Chemistry II	4
MATH 2414	MATH 152	Engineering Math II	4
PHYS 2425 (2325)	PHYS 206	Physics for Engineers I[1]	3
	core.tamu.edu	Creative Arts[2]	3
		Total	**14**

SPRING SEMESTER

Notes:
1. You may take the four credit version of PHYS but only three credits will be applied.
2. Consider taking courses that fulfill the 3 hours of International and Cultural Diversity requirement when completing the Social and Behavioral Sciences and Creative Arts requirements.

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Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 2323/2423	CHEM 257	Organic Chemistry I	4
MATH 2415	MATH 251	Calculus III	3
PHYS 2426 (2326)	PHYS 207	Physics for Engineers II	3
GOVT 2305	POLS 206	American National Government	3
		Total	**13**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 2325/2425	CHEM 258	Organic Chemistry II	4
MATH 2320	MATH 308	Differential Equations	3
	core.tamu.edu	American History	3
GOVT 2306	POLS 207	State & Local Government	3
		Total	**13**

Coursework Timeline

- Competitive applicants will have the required 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 of admission.
- 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 required coursework completed by the end of Summer II semester before applying.
- The course requirements and prerequisites for this major require students to be enrolled in the major for three years, regardless of the number of hours completed at the time of admission.

Additional Transfer Requirements

- The Department of Chemical Engineering is looking for students who are interested in pursuing our degree as a focus. Students should indicate our department as the primary major they are interested in if they wish to be admitted. 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.
- Transfer applicants should have completed at least 2 full semester course loads of a total of 24 transferable hours (minimum) after graduating from high school.

Additional Information

- Applicants should be serious about earning a degree in chemical engineering.
- 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.
- Students with grades of C or a history of repeating courses will not be considered favorably.
- The Department is unable to provide scholarships to incoming transfer students
- There are few exceptions for ENGR 102/216/217 substitutions. Transfer students should plan on taking the appropriate ENGR coursework. Substitutions must be approved by the department and the college. A computer programming course in Python, C++, Java, etc. could possibly substitute for one of these course requirements.
- Cultural Discourse can **only** be completed at Texas A&M.

Career & Educational Opportunities

Chemical engineering touches just about every part of our lives. If you have put on soft contact lenses, changed into sweat-proof athletic wear, filled your car with gasoline before driving to the gym, and consumed purified water from a plastic bottle or artificially sweetened soda after your workout, you can thank chemical engineers for making those products possible. Chemical engineers use chemistry, physics, biology, math and other sciences - along with engineering principles - to make better products such as high-efficiency fuels, medicine, electronics, food and cosmetics. Chemical engineers design processes and products to solve problems and to supply vital materials for our technology-based society. Their work ranges from making clean energy, to producing more-affordable medicine, to streamlining semiconductor manufacturing - and even ways to improve food production and processing. 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, this is not a guarantee of admission.
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 2025-2026 Undergraduate Catalog having the most extant and definitive information.