



Petroleum Engineering
 College of Engineering
 Jake Williams | jake.williams@tamu.edu
engineering.tamu.edu/petroleum

2021-2022 Transfer Course Sheet
 Minimum GPA | ~3.25
 Minimum Transferable Hours | 24
 Maximum Transferable Hours | N/A
 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
Physics for Engineers I	4	PHYS 2425 or 2325/2125	PHYS 206 (see note)
Chemistry for Engineers	4	CHEM 1409 or 1309/1109	CHEM 107/117
Composition & Rhetoric	3	ENGL 1301 or 1302	ENGL 103 or 104

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.

- Courses listed above must be completed with a grade of 'C' or better.
- Competitive applicants will have a grade of 'B' or better in the above coursework.
- *Students attending an institution without an equivalent to CHEM 107/117 can transfer an equivalent to Fundamentals of Chemistry II (CHEM 102/112 – CHEM 1412) to fulfill the CHEM 107/117 requirement.
- Prospective students should refer to the [Texas A&M Transfer Course Equivalency website](#) for common course numbers by institution.

The recommendations below represent what a typical TAMU student's schedule looks like during the first three 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 specific coursework to be completed.

First Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
ENGL 1302	ENGL 104	Comp. & Rhetoric	3
	CHEM 107/117	Gen. Chem. for Eng.	4
MATH 2413	MATH 151	Engineering Math I	4
	core.tamu.edu	American History	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2414	MATH 152	Engineering Math II	4
PHYS 2425 (2325/2125)	PHYS 206	Physics for Engineers I	4
	core.tamu.edu	American History	3
	core.tamu.edu	Communication ¹	3
Total			14

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2415	MATH 253	Engineering Math III	3
PHYS 2426 (2326)	PHYS 207	Physics for Engineers II	3
	core.tamu.edu	Social & Behavioral Science ²	3
GOVT 2305	POLS 206	American Government	3
Total			12

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	MATH 308	Differential Equations	3
	core.tamu.edu	Creative Arts ²	3
GOVT 2306	POLS 207	State & Local Government	3
Total			9

- Notes:
1. COMM 203, 205, 243; ENGL 210
 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.

Coursework Timeline



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- 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.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.

Additional Transfer Requirements

- The Department of Petroleum 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.

Additional Information

- Applicants should be serious about earning a degree in Petroleum Engineering.

Career & Educational Opportunities

Petroleum engineering is primarily concerned with the economic extraction of oil, gas, and other natural resources from the earth. Students in this field will learn to design oil wells, storage tanks, and transportation systems. They will also learn how to supervise the construction and operation of oil and gas fields. Petroleum engineers are researching new technologies to allow more oil and gas to be extracted from each well. They keep the energy flowing to light and heat our homes. They fuel our transportation systems and keep our industries operating. Economical and environmentally safe production of petroleum requires a wide spectrum of knowledge. Petroleum engineers also contribute to non-energy concerns such as underground waste disposal, ground water remediation, and hydrology. 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. 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 Undergraduate Catalog having the most extant and definitive information.