



**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	3	PHYS 2425 or 2325	PHYS 206 (See Note)
Physics for Engineers II	3	PHYS 2426 or 2326	PHYS 207 (See Note)

**\*The College of Engineering has updated degree requirements for courses in Physics\***

PHYS 2425 (4 Hours) or 2325+2125 (4 Hours) = PHYS 218 (4 Hours) *\*Effective for students entering the College of Engineering IN OR BEFORE Spring 2018*  
 PHYS 2425 (4 Hours) or PHYS 2325 (3 Hours) = PHYS 206 (3 Hours) *\*Effective for students entering the College of Engineering AFTER Spring 2018*

PHYS 2426 (4 Hours) or 2326+2126 (4 Hours) = PHYS 208 (4 Hours) *\*Effective for students entering the College of Engineering IN OR BEFORE Spring 2018*  
 PHYS 2426 (4 Hours) or PHYS 2326 (3 Hours) = PHYS 207 (3 Hours) *\*Effective for students entering the College of Engineering AFTER Spring 2018*

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. For additional information regarding this degree update, please contact the advisor list above.

- Courses listed should be completed with a grade of B or better.
- 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.
- College Algebra is a transferable course, but **will not** satisfy the Mathematics requirements in this degree plan.

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 specific coursework to be completed.

**First Year**

**FALL SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
	<a href="http://core.tamu.edu">core.tamu.edu</a>	University Core Curriculum	3
CHEM 1411 (1311/1111)	CHEM 101/111 Or	Chemistry I	4
CHEM 1409	CHEM 107/117	Chemistry for Engineering***	
MATH 2413	MATH 151	Engineering Math I	4
ENGL 1301 or ENGL 1302	ENGL 103 or ENGL 104	Composition and Rhetoric*	3
<b>Total</b>			<b>14</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Communication Elective	3
CHEM 1412 (1312/1112)	CHEM 102/112	Chemistry II	4
MATH 2414	MATH 152	Engineering Math II	4
PHYS 2425 (2325)	PHYS 206	Physics for Engineers I**	3
<b>Total</b>			<b>14</b>

\*Either ENGL 1301 or ENGL 1302 will fulfill three of the six required hours of Communication requirements

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

\*\*\*Students that take CHEM 107/117 (CHEM 1410) do not need to take CHEM 101/111 and CHEM 102/112

**Second Year**

**FALL SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
MATH 2415	MATH 253	Engineering Math III	4
PHYS 2426 (2326)	PHYS 207	Physics for Engineers II**	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History	3
GOVT 2305	POLS 206	American National Government	3
<b>Total</b>			<b>13</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
	MATH 308	Differential Equations	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Communication Elective*	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History	3
GOVT 2306	POLS 207	State & Local Government	3
<b>Total</b>			<b>12</b>

\*Communication Elective will be met with one of the following courses: ENGL 210(ENGL 2311) or COMM 243(SPCH 2335)

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

\*\*\*MATH 253 is an acceptable substitution for MATH 251. It is recommended that applicants complete the calculus sequence to fulfill the MATH 151, 152, and 251 degree requirements

\*\*\*\*Consider taking courses that fulfill the 6 hours of [International and Cultural Diversity requirement](#) when completing the Social and Behavioral Sciences, free electives and Creative Arts



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2018-2019 Transfer Course Sheet  
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

- Transfer applicants should have completed a full semester (spring or fall) course load of 12 transferable hours (minimum) after graduating from high school.
- The Department of Electrical and Computer 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 Electrical 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.
- Applicants should be aware that time to graduation may still require 2 or more years from the initial semester at Texas A&M University

#### 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 Undergraduate Catalog having the most extant and definitive information.