



Materials Science and Engineering  
 College of Engineering  
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[engineering.tamu.edu/materials](http://engineering.tamu.edu/materials)

2018-2019 Transfer Course Sheet  
 Minimum GPA | 3.0  
 Minimum Transferable Hours | 24  
 Maximum Transferable Hours | 60  
 Second-Choice Major Eligible | YES

**Required Coursework for Admission Consideration**

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 (1311/111)	CHEM 101/111
Chemistry II	4	CHEM 1412 (1312/1112)	CHEM 102/112
<b>*Physics for Engineers I*</b>	<b>3</b>	<b>PHYS 2425 or 2325</b>	<b>PHYS 206 (See Note)</b>
<b>*Physics for Engineers II*</b>	<b>3</b>	<b>PHYS 2426 or 2326</b>	<b>PHYS 207 (See Note)</b>

**\*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.
- PHYS 207 **must** be completed or in progress at the time of application.

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**

**FALL SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
CHEM 1411 (1311/1111)	CHEM 101/111	Chemistry I	4
MATH 2413	MATH 151	Engineering Math I	4
HIST 1301	HIST 105	History of the U.S.	3
ENGL 1301 or 1302	ENG 103 or ENGL 104	Composition and Rhetoric*	3
<b>Total</b>			<b>14</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
PHYS 2425 (2325)	PHYS 206	Physics for Engineers I**	3
CHEM 1412 (1312/1112)	CHEM 102/112	Chemistry II	4
MATH 2414	MATH 152	Engineering Math II	4
HIST 1302	HIST 106	History of the U.S.	3
<b>Total</b>			<b>14</b>

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

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



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**Second Year**

**FALL SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
MATH 2415	MATH 251	Engineering Math III	3
PHYS 2426 (2326)	PHYS 207	Physics for Engineers II*	3
GOVT 2305	POLS 206	American National Government	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Social and Behavioral Sciences	3
<b>Total</b>			<b>12</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
ENGL 2311	COMM 205 or ENGL 210	Communication	3
GOVT 2306	POLS 207	State & Local Government	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Creative Arts	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Language, Philosophy & Culture	3
<b>Total</b>			<b>12</b>

- ENGL 1301 is accepted for ENGL 104 if completed prior to Fall 2014.
- 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 requirement, and for all of these courses to be completed with a grade of 'B' or better.
- 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 requirements.

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

**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.
- 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.

**Additional Transfer Requirements**

- The Department of Materials Science and 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 Materials Science and Engineering.
- Applicant's essay **MUST** convey their understanding of and desire to pursue a Materials Science and Engineering degree and planned career path.
- 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.

**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 2018-2019 Undergraduate Catalog having the most extant and definitive information.