



**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 - Mechanics	4	PHYS 2415	PHYS 218
Physics - Electricity and Optics	4	PHYS 2416	PHYS 208

- All Required courses 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 or recommends specific coursework to be completed.

**First Year**

**FALL SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
MATH 2413	MATH 151	Engineering Math I	4
CHEM 1411 (1311/1111)	CHEM 101/111*	Chemistry I	4
	<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
<b>Total</b>			<b>14</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
MATH 2414	MATH 152	Engineering Math II	4
PHYS 2452	PHYS 218	Mechanics	4
ENGL 1302	ENGL 104	Composition & Rhetoric	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History	3
<b>Total</b>			<b>14</b>

- \* If your institution offers the equivalent of CHEM 107/117, you may take that in place of CHEM 101/111.
- \*\*Any communication elective except THAR 407.

**Second Year**

**FALL SEMESTER\***

TCCNS	TAMU	Course Name	Hrs.
PHYS 2425	PHYS 208	Electricity and Optics	4
MATH 2415	MATH 253	Engineering Math III	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Language, Philosophy & Culture	3
GOVT 2305	POLS 206	American National Government	3
<b>Total</b>			<b>14</b>

**SPRING SEMESTER\***

TCCNS	TAMU	Course Name	Hrs.
MATH 2320	MATH 308	Differential Equations	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Creative Arts	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Social & Behavioral Science	3
GOVT 2306	POLS 207	State & Local Government	3
<b>Total</b>			<b>12</b>

- Consider taking courses that fulfill the 6 hours of [International and Cultural Diversity requirement](#) when completing the Language, Philosophy and Culture, Social and Behavioral Sciences, Creative Arts requirements and free electives.

**Physics majors at TAMU take major specific courses in the third and fourth semester. These will need to be completed after transferring.**



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2018-2019 Transfer Course Sheet  
Minimum GPA | 3.0  
Minimum Transferable Hours | 24  
Maximum Transferable Hours | 90  
Second-Choice Major Eligible | YES

#### 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 Physics 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 Physics.
- 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 Science at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.