Biomedical Engineering
College of Engineering
Yovonne Williamson
Engineering.tamu.edu/biomedical

2018-2019 Transfer Course Sheet
Minimum GPA | 3.5
Minimum Transferable Hours | 27
Second-Choice Major Eligible | NO

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
Physics for Engineers I	**3**	**PHYS 2425 or PHYS 2325**	**PHYS 206 (See Note)**
Physics for Engineers II	**3**	**PHYS 2426 or PHYS 2326**	**PHYS 207 (See Note)**
Composition and Rhetoric	3	ENGL 1301 or ENGL 1302	ENGL 103 or ENGL 104

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 C 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.
- Applicants for FALL: Physics 207 **must be completed or in progress** at the time of the application deadline.
- Applicants for SPRING: Physics 207 **must be completed** at the time of the application deadline.
- GPA in all courses listed above must be a minimum of 3.5 and the cumulative must be a minimum of 3.5 GPA for admission consideration.
- 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.

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.
	core.tamu.edu	American History	3
CHEM 1411 (1311/1111)	CHEM 101/111	Chemistry I	4
MATH 2413	MATH 151	Engineering Math I	4
ENGL 1301 or 1302	ENGL 103 or 104	Composition & Rhetoric*	3
		Total	**14**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	core.tamu.edu	American History	3
CHEM 1412 (1312/1112)	CHEM 102/112	Chemistry II	4
MATH 2414	MATH 152	Engineering Math II	4
ENGL 1302	ENGL 104	Composition & Rhetoric	3
		Total	**14**

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

Biomedical Engineering
College of Engineering
Yovonne Williamson
Engineering.tamu.edu/biomedical

2018-2019 Transfer Course Sheet
Minimum GPA | 3.5
Minimum Transferable Hours | 27
Second-Choice Major Eligible | NO

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2415	MATH 253	Engineering Math III	4
PHYS 2425 (2325)	PHYS 206	Physics for Engineers*	3
GOVT 2305	POLS 206	American National Government	3
CHEM 2423	CHEM 227	Organic Chemistry	4
		Total	**14**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	MATH 308	Differential Equation	4
PHYS 2426 (2326)	PHYS 207	Physics for Engineers*	3
GOVT 2306	POLS 207	State & Local Government	3
	core.tamu.edu	Social and Behavioral Sciences or Creative Arts	3
		Total	**13**

- 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.

Additional Transfer Requirements

- The Department of Biomedical 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 Biomedical Engineering.

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.