



Biological and Agricultural Engineering

College of Agriculture & Life Sciences

Ashlea Schroeder | aschroeder@tamu.edu

<http://baen.tamu.edu>

2018-2019 Transfer Course Sheet

Minimum GPA | 2.75

Minimum Transferable Hours | 24

Second-Choice Major Eligible | YES

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 2425 (2325/2125)	PHYS 218
Chemistry II	4	CHEM 1412 (1312/1112)	CHEM 102/112

- Applicants must have CHEM 1411 in order to take CHEM 1412; we will also accept CHEM 1470 (CHEM 107/117)
- Applicants must have both MATH courses listed above and PHYS completed, and can complete either CHEM II or BIOL 1406/1407/1408 to be considered for admittance (16 SCH).
- Courses listed should be completed with a grade of B or better.
- Students may have to complete Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.

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
	core.tamu.edu	American History	3
	core.tamu.edu	Communication	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2414	MATH 152	Engineering Math II	4
CHEM 1412 (1312/1112)	CHEM 102/112	Chemistry II	4
PHYS 2425 (2325/2125)	PHYS 218	Physics – Mechanics	4
GOVT 2305	POLS 206	American National Government	3
Total			15

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
BIOL 1406	BIOL 113	Essentials in Biology	4
MATH 2415	MATH 253	Engineering Math III	4
PHYS 2426 (2326/2126)	PHYS 208	Electricity and Optics	4
	core.tamu.edu	American History	3
Total			15

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2320	MATH 308	Differential Equations	3
CHEM 2323/2423	CHEM 227/237	Organic Chemistry I	4
GOVT 2306	POLS 207	State & Local Government	3
ENGL 2311	ENGL 210	Technical and Business Writing	3
Total			13

- ENGL 1301 is a transferable course and **will** satisfy the first Communication requirement in this degree plan; ENGL 2311 is the second required communication course.



Biological and Agricultural Engineering

College of Agriculture & Life Sciences

Ashlea Schroeder | aschroeder@tamu.edu

<http://baen.tamu.edu>

2018-2019 Transfer Course Sheet

Minimum GPA | 2.75

Minimum Transferable Hours | 24

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

- Students who have the following completed will have **the best chance** of being accepted:
 1. completed a minimum of 16 semester credit hours (SCH) of core math/sciences courses that transfer as TAMU MATH151, MATH 152 (or higher), PHYS 218 and either CHEM 107/117 or BIOL 113 (or equivalents) with a grade not less than "B"
 2. earned a CBK GPR of 2.75 or better
 3. earned a cumulative GPR of 2.75 or better
 4. no history of repeating, dropping or withdrawing from courses
 5. not made a grade less than "C" in any course in the last semester of course work
- The Department of Biological and Agricultural 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 Biological and Agricultural 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.
- Please contact department regarding second-choice major consideration before applying.
- Highly recommend meeting with an academic advisor prior to submitting the application.

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 Agriculture and Life Sciences at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.