



### 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
Chemistry I*	4	CHEM 1411 (1311/111)	CHEM 101/111
Chemistry II*	4	CHEM 1412 (1312/1112)	CHEM 102/112
Biology I*	4	BIOL 1406 (1306/1106)	BIOL 111
Biology II*	4	BIOL 1407 (1307/1107)	BIOL 112

**\*The Department of Biology has updated degree requirements in Mathematics\***

- Students who plan to enroll for summer or fall 2019 MUST complete Engineering Math I and Engineering Math II to satisfy the mathematics requirement.
- Students who plan to enroll for spring 2020 or after must complete Engineering Math I and can complete either Engineering MATH II or Elementary Statistical Inference Statistics to satisfy the mathematics requirement.
- \*Courses listed should be completed with a grade of B or better.
- \*\*Courses listed should be complete 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.
- 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.
BIOL 1406 (1306/1106)	BIOL 111	Biology I	4
CHEM 1411 (1311/1111)	CHEM 101/111	Chemistry I	4
MATH 2413	MATH 151	Engineering Math I	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Communication	3
<b>Total</b>			<b>15</b>

#### SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
BIOL 1407 (1307/1107)	BIOL 112	Biology II	4
CHEM 1412 (1312/1112)	CHEM 102/112	Chemistry II	4
MATH 2414	MATH 152	Engineering Math II	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Communication	3
<b>Total</b>			<b>15</b>

- ENGL 1301 is a transferable course but **will not** satisfy the Communication requirements in this degree plan.

### Second Year

#### FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 2323/2423	CHEM 227/237	Organic Chemistry I	4
PHYS 1401 (1301/1101)	PHYS 201	College Physics I	4
	<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>14</b>

#### SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 2325/2425	CHEM 228/238	Organic Chemistry II	4
PHYS 1402 (1302/1102)	PHYS 201	College Physics II	4
	<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>14</b>

- BIOL 2401, 2402, 2420 and 2421 will not be acceptable in any of the BIOL degree plans.
- 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.



Molecular & Cell Biology  
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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

- Do not apply to more than one major in BIOL as they all have same admission requirements.
- The Department of Biology 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 Molecular & Cell Biology.
- 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.