

Degree Plan for Bachelor of Science in Biological and Agricultural Engineering

Requirements:

1. Students may have to complete Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
2. These courses must be completed with a grade of B or better: CHEM 1409, MATH 2413, MATH 2414 and PHYS 2425.
3. To transfer into Biological and Agricultural Engineering, students must have a GPA of 2.75 or higher.

We encourage students to review the current transfer course sheets for the major they are interested in joining. These are at <https://admissions.tamu.edu/transfer/majors> under the College of Agriculture and Life Sciences.

Degree Plan for transfer into BS in Biological and Agricultural Engineering

First Year

FALL SEMESTER			
TCCNS	TAMU	Course Name	Hrs.
ENGL 1301	ENGL 103	Composition I	3
HIST 1301	HIST 105	United States History I	3
MATH 2413 ¹	MATH 151	Calculus I	4
CHEM 1409 ¹	CHEM 107/117	CHEM for Engineering	4
Total			14

SPRING SEMESTER			
TCCNS	TAMU	Course Name	Hrs.
HIST 1302	HIST 106	United States History II	3
ENGL 2311	ENGL 210	Technical Writing	3
MATH 2414 ¹	MATH 152	Calculus II	4
PHYS 2425 ¹	PHYS 206	University Physics I	4
Total			14

Second Year

FALL SEMESTER			
TCCNS	TAMU	Course Name	Hrs.
MATH 2415 ¹	MATH 251	Calculus III	4
ENGR 2301 ¹	MEEN 221	Statics (must also take ENGR 2302 Dynamics)	3
PHYS 2426 ¹	PHYS 207	University Physics II	4
GOVT 2305	POLS 206	Federal Government	3
ENGL 23xx	Lang, Phil, & Culture	Sophomore Literature	3
Total			17

SPRING SEMESTER			
TCCNS	TAMU	Course Name	Hrs.
ENGR 2302 ¹	MEEN 221	Dynamics(must also take ENGR 2301 Statics)	3
GOVT 2306	POLS 207	Texas Government	3
PSYC 2301	Soc Behav Sci	General Psychology	3
MUSI 1306	Creative Arts	Music Appreciation	3
MATH 2320 ¹	MATH 308	Differential Equations	3
Total			15

¹ Courses must be taken face to face or online from Angelina College.