

Minimum required: 121 semester credit hours

General Requirements

1. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
2. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
3. Students entering Texas State with fewer than 16 credit hours completed after high school graduation will be required to take US 1100. All others will be exempt from taking this course. Students may be required to earn an additional elective to reach the 120 minimum total credit hour requirement for the awarding of a degree.
4. Nine semester credit hours must be writing intensive (WI).
5. If two years of the same language are taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.

Course Requirements

Freshman		
First Hours Semester	Second Hours Semester	
MATH 2471 (Mathematics Component Code 020 [TCCN MATH 2413])	4 ENGR 2300	3
CHEM 1335 & CHEM 113 (Life and Physical Sciences Component Code 030 [TCCN CHEM 1409 or 1309 & 1109])	4 MATH 2472 (Component Area Option 092 [TCCN MATH 2414])	4
US 1100	1 Communication Component Code 010	3
Communication Component Code 010	3 American History Component Code 060	3

Sophomore			
First Hours Semester	Second Hours Semester	Summer Hours	
TECH 1311	3 EE 2320 & EE 2120	4 TECH 2190	1
CS 1428 (TCCN COSC 1437)	4 PHYS 2326 & PHYS 212 (Component Area Option 093 [TCCN PHYS 2326 & PHYS 2126])	4	
PHYS 2325	4 EE 3326	3	
& PHYS 2125 (Life and Physical Sciences Component Code 030 [TCCN PHYS 2325 & 2125])			
American History Component Code 060	3 IE 3320	3	
		Government/Political Science Component Code 070	3
			1
Junior			
First Hours Semester	Second Hours Semester		
TECH 2370 (TCCN ENGR 2305)	3 TECH 3373	3	
EE 3320 & EE 3120	4 PHIL 1320 (Language, Philosophy, and Culture Component Code 040 [TCCN PHIL 2306]) ²	3	
TECH 2351	3 TECH 3370	3	
TECH 3364	3 ENGR 3315	3	

2 Bachelor of Science (B.S.) Major in Engineering Technology (Electrical Engineering Technology Concentration)

Social and Behavioral Sciences Component Code 080 ¹	3 Creative Arts Component Code 050 [HUMA 1315]	3
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	16	15

Senior

First Hours Semester	Second Hours Semester	
TECH 3345	3 MGT 4330	3
MGT 3301 ³	3 TECH 4392	3
TECH 4372	3 TECH 4382	3
TECH 4381	3 EE 4321, 4331, or 4332	3
TECH 4373	3 TECH 4380	3
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	15	15

Total Hours: 121

¹ While ECO 2301 or ECO 2314 are strongly preferred, the department will allow other Social and Behavioral Sciences Component Code 080 courses to satisfy this requirement.

² While PHIL 1320 is strongly preferred, the department will allow PHIL 1305 to satisfy this requirement. Other Language, Philosophy, and Culture Component Code 040 courses will not satisfy this requirement.

³ Credit earned successfully through testing of previously earned course credit for MGT 3303 may be substituted for MGT 3301.