

BACHELOR OF SCIENCE IN TECHNOLOGY (B.S.T.) MAJOR IN ENGINEERING TECHNOLOGY (MANUFACTURING ENGINEERING TECHNOLOGY CONCENTRATION)

**Minimum required: 123
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. Majors must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
3. Nine semester credit hours must be writing intensive (WI).
4. 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 Semester	Hours	Second Semester	Hours
CHEM 1141	1	CHEM 1142	1
CHEM 1341 (Life & Physical Sciences Component Code 030)	3	CHEM 1342 (Life & Physical Sciences Component Code 030)	3
MATH 2471 (Mathematics Component Code 020)	4	ENGR 2300	3
US 1100	1	MATH 2472	4
ENG 1310 (Communication Component Code 010)	3	ENG 1320 (Communication Component Code 010)	3
TECH 1363	3	TECH 1393	3
	15		17

Sophomore					
First Semester	Hours	Second Semester	Hours	Summer	Hours
TECH 1311	3	PHYS 2425	4	TECH 2190	1
PHYS 1430	4	TECH 2310	3		
CS 1428	4	TECH 2351	3		
ART 2313, DAN 2313, MU 2313, or TH 2313 (Creative Arts Component Code 050)	3	COMM 131C (Component Area Option Code 090/091)	3		
		TECH 2344	3		
	14		16		1

Junior					
First Semester	Hours	Second Semester	Hours		
ENGR 3373, TECH 3357, TECH 4374, or TECH 4392	3	TECH 4362	3		
IE 3320	3	TECH 3364	3		
ECO 2301 (Social & Behavioral Sciences Component Code 080)	3	PHIL 1320 (Language, Philosophy & Culture Component Code 040)	3		
HIST 1310 (American History Component Code 060)	3	POSI 2320 (Governmen Political Science Component Code 070)	3		
POSI 2310 (Government/ Political Science Component Code 070)	3	HIST 1320 (American History Component Code 060)	3		
	15		15		

Senior					
First Semester	Hours	Second Semester	Hours		
TECH 4395	3	TECH 4380	3		
ENG Literature (Component Area Option Code 090/094)	3	ENGR 3315	3		
TECH 4330	3	MGT 4330	3		
TECH 3345	3	TECH 4396	3		

2 *Bachelor of Science in Technology (B.S.T.) Major in Engineering Technology (Manufacturing Engineering Technology Concentration)*

MGT 3303	3 TECH 4398	3
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	15	15
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Total Hours: 123		