

## Minimum required: 120 semester credit hours

### Admission Requirements

1. This degree program requires admission to the university and admission to the program. Information about the program admissions can be found at: <http://mycatalog.txstate.edu/undergraduate/science-engineering/technology/#admissionstext>
2. Students must complete the following 30 semester credit hours of Pre-Construction coursework:

Code	Title	Hours
MATH 2328	Elementary Statistics	3
MATH 2417	Pre-Calculus Mathematics	4
PHYS 1315 & PHYS 1115	General Physics I and General Physics I Laboratory	4
CHEM 1335 & CHEM 1135	Engineering Chemistry and Engineering Chemistry Laboratory	4
PHYS 1325 & PHYS 1125	General Physics II and General Physics II Laboratory	4
CSM 1260	Introduction to the Construction and Concrete Industry	2
CSM 2313	Architecture Design I - Construction Documents	3
CSM 2342	Construction Materials and Processes	3
TECH 2351	Statics and Strength of Materials	3
<b>Total Hours</b>		<b>30</b>

2. When a student completes the above Pre-Construction coursework, with the required GPA, or is currently enrolled in their final Pre-Construction course(s), the student can apply to become a "Full Major".

### General Requirements

1. Students are required to complete the following Pre-Construction Science Management coursework with grades of C or better and a overall GPA (for this set of courses) of 2.50 to be considered for the full major:

Code	Title	Hours
MATH 2328	Elementary Statistics	3
MATH 2417	Pre-Calculus Mathematics	4
PHYS 1315 & PHYS 1115	General Physics I and General Physics I Laboratory	4
Choose 4 hours from the following:		4
CHEM 1341 & CHEM 1141	General Chemistry I and General Chemistry Laboratory I	
CHEM 1335 & CHEM 1135	Engineering Chemistry and Engineering Chemistry Laboratory	
CSM 1260	Introduction to the Construction and Concrete Industry	2
CSM 2313	Architecture Design I - Construction Documents	3
CSM 2342	Construction Materials and Processes	3
<b>Total Hours</b>		<b>23</b>

2. After completing the Pre-Construction coursework, students will be allowed to enter the major and to enroll in the following Construction courses:

Code	Title	Hours
CSM 2262	Construction Lab	2
CSM 2360	Residential Construction I: Home Production	3
CSM 2361	Construction Surveying	3
CSM 3360	Structural Analysis	3
CSM 3361	Commercial Building Construction Systems	3
CSM 3363	Heavy, Civil and Highway Construction Systems	3
CSM 3366	Soils and Foundations	3
CSM 3367	Mechanical, Electrical and Plumbing Systems	3
CSM 4313	Architectural Design II - Technology in Construction	3
CSM 4360	Senior Construction Management Capstone	3
CSM 4361	Construction Estimating	3
CSM 4364	Construction Project Management and Scheduling	3
CSM 4368	Sustainable & Lean Construction Practices	3
CSM 4369	Construction Contracts, Risks, and Ethics	3
CSM 4380	Construction Safety	3
TECH 2190	Industrial Internship	1
TECH 2351	Statics and Strength of Materials	3
<b>Total Hours</b>		<b>48</b>

3. 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.
4. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
5. 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.
6. Nine semester credit hours must be writing intensive (WI).
7. 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.
8. A minor in Business Administration is required for this degree program. Courses for the minor in Business Administration are included in the following degree plan.
9. No "D" grades received at other institutions will be credited towards the major.

## Course Requirements

Course Requirements			Sophomore		
Freshman			First Hours	Second Hours	Summer Hours
First Hours	Second Hours		Semester	Semester	
CSM 1260	2 CSM 2313	3	CSM 2262	2 CSM 2360	3 TECH 2190
MATH 2417 (Mathematical Component Code 020 [TCCN MATH 2412])	4 CSM 2342	3	CSM 2361	3 CSM 3360	3
US 1100	1 MATH 2328 (TCCN MATH 1342)	3	TECH 2351	3 CSM 3361	3
Communication Component Code 010	3 PHYS 1315 (Life and Physical Sciences Component Code 030 [TCCN PHYS 1301])	3	ACC 2301	3 PHIL 1320 (Language, Philosophy, and Culture Component Code 040 [TCCN PHIL 2306]) <sup>2</sup>	3
Government/ Political Science Component Code 070	3 PHYS 1115 (TCCN: PHYS 1101)	1	BLAW 3301 <sup>1</sup>	3 Component Area Option Codes 090	3
Life and Physical Sciences Component Code 030	4 ENG 3303 (Communication Component Code 010)	3	Government Political Science Component Code 070	3	
Choose 4 hours from the following:					
CHEM 13					
CHEM 1311 & CHEM 1111					
CHEM 1335					
CHEM 1309 & CHEM 1109					
17	16		17	15	1
					Junior
			First Hours	Second Hours	
			Semester	Semester	
			CSM 4361	3 CSM 3363	3
			CSM 4364	3 CSM 3366	3
			CSM 4369	3 CSM 3367	3
			ECO 2301 (Social and Behavioral Sciences Component Code 080 [TCCN ECON 1301]) <sup>2</sup>	3 CSM 4313	3
				American History Component Code 060	3
			12	15	
					Senior
			First Hours	Second Hours	
			Semester	Semester	
			CSM 4368	3 CSM 3368	3
			CSM 4380	3 CSM 4360	3
			MGT 3301 <sup>4</sup>	3 MKT 3343	3
			American History Component Code 060	3 Creative Arts Component Code 050 [HUMA 1315]	3

Component	3	
Area		
Option		
Codes 090		
literature		
	<b>15</b>	<b>12</b>
<b>Total Hours: 120</b>		

<sup>1</sup> Credit previously earned for BLAW 2361 may be substituted for BLAW 3301.

<sup>2</sup> 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.

<sup>3</sup> While ECO 2301 is strongly preferred, the department will allow an ECO 2314 course that is assigned component Code 080 to satisfy this requirement. Students who complete ECO 2314 in lieu of ECO 2301 will also need to complete ECO 2315 for the required Business Administration minor.

<sup>4</sup> Credit earned successfully through testing of previously earned course credit for MGT 3303 may be substituted for MGT 3301.