

# BACHELOR OF SCIENCE (B.S.) MAJOR IN CONSTRUCTION SCIENCE AND MANAGEMENT (RESIDENTIAL CONSTRUCTION CONCENTRATION)

## General Requirements

- 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 2160	Introduction to Construction Surveying and Site Layout	1
CSM 2360	Residential Construction I: Home Production	3
CSM 3360	Structural Analysis	3
CSM 3361	Commercial Building Construction Systems	3
CSM 3366	Soils and Foundations	3
CSM 3367	Mechanical, Electrical and Plumbing Systems	3
CSM 3369	Residential Construction II: Business Practices	3
CSM 4313	Architectural Design II - Technology in Construction	3
CSM 4361	Construction Estimating	3
CSM 4364	Construction Project Management and Scheduling	3
CSM 4368	Environmentally Conscious Design and Construction	3
CSM 4369	Construction Contracts, Liability and Ethics	3
CSM 4370	Residential Capstone	3
CSM 4380	Construction Safety	3
TECH 2190	Industrial Internship	1
Total Hours		41

- 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.
- Majors must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
- Nine semester credit hours must be writing intensive (WI).
- 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.
- 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.

- No "D" grades received at other institutions will be credited towards the major.

## Course Requirements

Freshman					
First Semester	Hours	Second Semester	Hours		
CSM 1260	2	MATH 2328	3		
PHYS 1315 (Life & Physical Sciences Component Code 030)	3	PHYS 1325 (Life & Physical Sciences Component Code 030)	3		
PHYS 1115	1	PHYS 1125	1		
MATH 2417 (Mathematical Component Code 020)	4	CSM 2342	3		
US 1100	1	ENG 1320 (Communication Component Code 010)	3		
ENG 1310 (Communication Component Code 010)	3	CSM 2313	3		
POSI 2310 (Government/Political Science Component Code 070)	3				
			17	16	
Sophomore					
First Semester	Hours	Second Semester	Hours	Summer	Hours
ACC 2301	3	COMM 1310 (Component Area Option Code 090/091)	3	TECH 2190	1
CHEM 1335	3	CSM 2360	3		
CHEM 1141	1	CSM 3360	3		
BLAW 2361	3	PHIL 1320 (Language, Philosophy & Culture Component Code 040)	3		
POSI 2320 (Government/Political Science Component Code 070)	3	CSM 3361	3		

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TECH 2351	3	CSM 2160	1
	16		16
			1

**Junior**

First Semester	Hours	Second Semester	Hours
CSM 4361	3	CSM 3366	3
CSM 4364	3	CSM 3367	3
CSM 4369	3	CSM 3369	3
ECO 2301 (Social & Behavioral Sciences Component Code 080)	3	CSM 4313	3
		HIST 1310 (American History Component Code 060)	3
	12		15

**Senior**

First Semester	Hours	Second Semester	Hours
CSM 4368	3	CSM 4370	3
MGT 3303	3	ART 2313, DAN 2313, MU 2313, or TH 2313 (Creative Arts Component Code 050)	3
HIST 1320 (American History Component Code 060)	3	MKT 3343	3
CSM 4380	3	CIS 3317 or CSM 3368	3
ENG Literature (Component Area Option Code 090/094)	3		
	15		12

Total Hours: 120