

BACHELOR OF SCIENCE, MAJOR IN CONSTRUCTION MANAGEMENT

Code	Title	Hours
Bachelor of Science, Major in Construction Management		
Core Curriculum (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)		
Component Area I (Communication)		6
Component Area II (Mathematics) ¹		3
Component Area III (Life and Physical Science)		8
Component Area IV (Language, Philosophy, and Culture)		3
Component Area V (Creative Arts)		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences)		3
Component Area IX (Component Area Option)		4
Degree Specific Requirements		
ENGL 3330 or MATH 3379	Intro to Technical Writing Statistical Methods in Practice	3
MATH 1314	Pre Calculus Algebra	3
MATH 1316	Plane Trigonometry	3
PHYS 1301 & PHYS 1101	General Phy-Mechanics & Heat and General Physics Laboratory I	4
PHYS 1302 & PHYS 1102	Gen Phy-Snd,Lght, Elec, & Mag and General Physics Laboratory II	4
Major Core		
ETEC 1010	Engineering Foundations	1-2
ETEE 1340	Introduction to Circuits	3
ETDD 1361	Engineering Graphics	3
ETCM 1363	Wood Frame Construction	3
ETEC 1371	Descriptive Geometry	3
Major		
ETCM 2363	Architectural Design	3
ETCM 3368	Concrete/Masonry Construction	3
ETCM 3371 or ETCM 3372	Civil Design Technology Construction Drafting	3
ETCM 4330	Construction Mgt & Procedures	3
ETCM 4368	Building Materials	3
ETCM 4370	Construction Plans & Documents	3
ETCM 4371	Building Information Modeling	3
ETEC 4384	Supervisory Personnel Practice	3
ETSM 3386	Industrial Safety	3
Internship		6
ETEC 4391	Work Base Mentorship	
Minor		18
Total Hours		120-121

¹ MATH 1316 or MATH 1314 or MATH 1420 or MATH 1324 satisfies the Core Curriculum requirement for Component Area II (Mathematics) and the Degree Specific requirement.

Note: Students should use elective and/or minor hours to satisfy the 42 advanced hour requirement.

First Year

Fall	Hours	Spring	Hours
Component Area I (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)		3 Component Area I (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)	3
ETCM 1363		3 Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)	3
ETEC 1010		1-2 ETEC 1371	3
ETDD 1361		3 ETEE 1340	3
MATH 1314 ¹		3 MATH 1316 ¹	3
		13-14	15

Second Year

Fall	Hours	Spring	Hours
Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)		3 Component Area VII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)	3
Component Area VI (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)		3 Component Area VIII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii)	3
ETCM 2363		3 ETCM 3368	3
Minor		3 PHYS 1302 & PHYS 1102	4
PHYS 1301 & PHYS 1101		4 MATH 3379 or ENGL 3330	3
		16	16

Third Year

Fall	Hours	Spring	Hours
Component Area III		4 Component Area III	4
Component Area VI (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)		3 ETEC 4384	3
Component Area VII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)		3 ETSM 3386	3
ETCM 3371 or 3372		3 Minor	6
ETCM 4330		3	
		16	16

Fourth Year

Fall	Hours	Spring	Hours
Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)		4 ETCM 4368	3
ETCM 4370		3 ETEC 4391	3
ETCM 4371		3 ETEC 4391	3
Minor		6 Minor	3
		16	12

Total Hours: 120-121

¹ Satisfies Core Curriculum requirement for Component Area II (Mathematics). MATH 1420 also satisfies the one semester credit hour requirement for Component Area IX (Component Area Option).

Note: Students should use elective and/or minor hours to satisfy the 42 advanced hour requirement.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Construction Management is designed to provide graduates with the following marketable skills:

- Complete a project on time, within budget, and of required quality.
- Interpret construction documents for materials and quantities.
- Demonstrate leadership, teamwork, and effective communication skills.
- Recognize professional, ethical, and social responsibilities, and diversity.
- Administer safety awareness and regulatory compliance.
- Acquire knowledge through applied industry experiences, services, and life-long learning.