

# BACHELOR OF SCIENCE, MAJOR IN CONSTRUCTION MANAGEMENT

Code	Title	Hours
<b>Bachelor of Science, Major in Construction Management</b>		
<b>Core Curriculum</b> (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum)		
Component Area I (Communication)		6
Component Area II (Mathematics) <sup>1</sup>		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
<b>Degree Specific Requirements</b>		
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
<b>Major Core</b>		
ETEC 1010	Engineering Foundations	1-2
ETEE 1340	Introduction to Circuits	3
ETDD 1361	Engineering Graphics	3
ETCM 1363	Wood Frame Construction	3
<b>Major</b>		
ETCM 2363	Architectural Design	3
ETCM 3368	Concrete/Masonry Construction	3
ETCM 3371 or ETCM 3372	Civil Drafting 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
ETSM 4382	Industrial Safety	3
ETEC 4384	Supervisory Personnel Practice	3
Internship		6
ETEC 4391	Work Base Mentorship	
Approved Advanced Construction Management (ETCM) Electives		3
<b>Minor (if required)</b>		
Minor		6
Minor (12 hours advanced)		12
Total Hours		120-121

<sup>1</sup> 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**

<b>Fall</b>	<b>Hours Spring</b>	<b>Hours</b>
Component Area I (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)	3 Component Area I (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)	3
ETCM 1363	3 Component Area IV (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)	3
ETEC 1010	1-2 ETEE 1340	3
ETDD 1361	3 MATH 1316 <sup>1</sup>	3
MATH 1314 <sup>1</sup>	3	
	13-14	12

**Second Year**

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

**Third Year**

<b>Fall</b>	<b>Hours Spring</b>	<b>Hours</b>
Component Area III	4 Component Area III	4
Component Area VI (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)	3 ETEC 4384	3
Component Area VII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)	3 ETCM 4382	3
ETCM 3371 or 3372	3 Minor Courses (3hrs Advanced)	6
ETCM 4330	3	
	16	16

**Fourth Year**

<b>Fall</b>	<b>Hours Spring</b>	<b>Hours</b>
Component Area IX (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 Courses (Advanced)	6 Minor Courses (Advanced)	3
	Construction Management (ETCM) Electives	3
	16	15

Total Hours: 120-121

<sup>1</sup> 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.