

BACHELOR OF SCIENCE, MAJOR IN CONSTRUCTION MANAGEMENT

Bachelor of Science, Major in Construction Management

Core Curriculum (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum)

Component Area I (Communication)	6
Component Area II (Mathematics)	3
Component Area III (Life and Physical Science) ¹	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 ACOM 3360	Intro To Technical Writing Communication Skills for Agriculturists	3
Select one of the following: ¹		3
MATH 1314	Pre Calculus Algebra	
MATH 1324	Mth For Mnjl Decision Making	
MATH 1420	Calculus I	
Select one of the following: ²		3
MATH 1316	Plane Trigonometry ¹	
MATH 1430	Calculus II	
MATH 2399	Mth For Mnjl Decision Making	
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

ETCM 1363	Wood Frame Construction	3
ETDD 1361 or ETDD 1390	Engineering Graphics Intro -Computer Aided Drafting	3
ETEC 1010	Engineering Foundations	1-2
ETEC 1371	Descriptive Geometry	3
ETEE 1340	Electronics Technology I	3

Major

ETCM 2363	Architectural Design	3
ETCM 3368	Concrete/Masonry Construction	3
ETEC 3300 or ETEC 4340	Technology Innovations Alternative Energy Technology	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

Internship 6

EETC 4391	Work Base Mentorship	
ETSM 4382	Industrial Safety	3
INED 4310 or ETEC 4384	Occup. Human Relations in CTE Supervisory Personnel Practice	3

Minor (if required)		
Minor		9
Minor (9 hours advanced)		9
Total Hours		120-121

¹ BIOL, CHEM, GEOL, or GEOG 1401 only.

² 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.

¹ Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

First Year

Fall	Hours Spring	Hours
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
Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	4 Component Area IV (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)	3
ETCM 1363	3 ETEC 1371	3
ETEC 1010	1-2 ETEE 1340	3
ETDD 1361 or 1390	3 MATH 1316, 1430, or 2399	3
MATH 1314, 1324, or 1420 ¹	3	
	17-18	15

Second Year

Fall	Hours Spring	Hours
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)	6 Component Area VIII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii)	3
ETCM 2363	3 ACOM 3360 or ENGL 3330	3
PHYS 1301 & PHYS 1101	4 ETCM 3368	3
	PHYS 1302 & PHYS 1102	4
	16	16

Third Year

Fall	Hours Spring	Hours
Component Area III ²	4 Component Area III ²	4
Component Area VI (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)	3 ETEC 4384 or INED 4310	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	6
ETCM 4330	3	
	16	16

Fourth Year

Fall	Hours Spring	Hours
ETCM 4370	3 ETCM 4368	3
ETEC 3300 or 4340	3 ETEC 4391 ³	3

Minor Courses (3 hrs. Advanced)	6 Minor Courses (Advanced)	6
	12	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).
- ³ Internship.
- ² BIOL, CHEM, GEOL, or GEOG 1401 only.