

# BACHELOR OF SCIENCE, MAJOR IN CONSTRUCTION MANAGEMENT

Code	Title	Hours
<b>Bachelor of Science, Major in Construction Management</b>		
<b>Core Curriculum</b>		
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 Mthods In Practice	3
Select one of the following <sup>1</sup>		3
MATH 1314	Pre Calculus Algebra	
MATH 1324	Mth For Mnjl Decision Making	
Select one of the following <sup>1</sup>		3-4
MATH 1316	Plane Trigonometry	
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
<b>Major Core</b>		
ETEC 1010	Engineering Foundations	1-2
ETEE 1340	Electronics Technology I	3
ETDD 1361	Engineering Graphics	3
ETCM 1363	Wood Frame Construction	3
ETEC 1371	Descriptive Geometry	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 or ETEC 4340	Supervisory Personnel Practice Alternative Energy Technology	3
Internship		6
ETEC 4391	Work Base Mentorship	
<b>Minor (if required)</b>		
Minor		6

Minor (12 hours advanced)	12
<b>Total Hours</b>	<b>120-122</b>

<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	3 Component Area I	3
ETCM 1363	3 Component Area IV	3
ETEC 1010	1-2 ETEC 1371	3
ETDD 1361	3 ETEE 1340	3
MATH 1314 or 1324 <sup>1</sup>	3 MATH 1316, 1430, or 2399	3-4
	13-14	15-16

#### Second Year

<b>Fall</b>	<b>Hours Spring</b>	<b>Hours</b>
Component Area V	3 Component Area VII	3
Component Area VI	3 Component Area VIII	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	3 ETEC 4384 or 4340	3
Component Area VII	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	4 ETCM 4368	3
ETCM 4370	3 ETEC 4391	3
ETCM 4371	3 ETEC 4391	3
Minor Courses (Advanced)	6 Minor Courses (Advanced)	3
	16	12

Total Hours: 120-122

<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).