

# BSCM Construction Management Checksheet

Revised: Mar-23  
Catalog Date: 2023-24

Last Name: \_\_\_\_\_  
First Name: \_\_\_\_\_  
Student ID: \_\_\_\_\_

## SEM

<u>&amp; YR</u>	<u>Course #</u>	<u>Course Name</u>	<u>Hr</u>	<u>Grade</u>	<u>Pre/Co-Requisites</u>	<u>Comments</u>
<b>Freshman - Fall</b>						
_____	ETCE 1104	Civil/Construction CAD Applications <sup>(c)</sup>	3	_____		_____
_____	ETCE 1222	Construction Materials <sup>(c)</sup>	3	_____		_____
_____	ETGR 1201	Introduction to ET & CM <sup>(c)</sup>	2	_____	<i>MATH 1100</i>	_____
_____	MATH 1103	Precalc Math for Sci. & Eng. <sup>(c)</sup>	3	_____		_____
_____	WRDS 1103	Writing & Inquiry in Academic Contexts I & II <sup>(c)</sup>	3	_____		_____
			<b>Total</b>	<b>14</b>		

<b>Freshman - Spring</b>						
_____	CMET 1680	Prof. Development: Construction Safety <sup>(c)</sup>	1	_____	Freshman CIET/CM majors	_____
_____	ETCE 1211	Construction Surveying I <sup>(c)</sup>	3	_____	<i>MATH 1103 or Higher, ETCE 1104, ETCE 1211L</i>	_____
_____	ETCE 1211L	Construction Surveying I Lab <sup>(c)</sup>	1	_____	<b>ETCE 1211, MATH 1103</b>	_____
_____	ETCE 2105	Plan Reading and Quantity Takeoff	3	_____	ETCE 1104, <i>MATH 1103</i>	_____
_____	MATH 1121	or MATH 1241 <sup>(c)</sup>	3	_____	MATH 1103*	_____
_____	XXXX 1501	Global Social Science	3	_____		_____
			<b>Total</b>	<b>14</b>		

<b>Sophomore - Fall</b>						
_____	CMET 2135	Building Information Modeling	3	_____	ETCE 1104	_____
_____	ETGR 2101	Applied Mechanics I <sup>(c)</sup>	3	_____	MATH 1103	_____
_____	ETGR 2272	Engineering Analysis II or MATH 1242	3	_____	MATH 1121* or MATH 1241*	_____
_____	PHYS 1101	Introductory Physics I <sup>(c)</sup>	3	_____	<i>MATH 1103</i>	_____
_____	PHYS 1101L	Introductory Physics I Laboratory	1	_____	<i>PHYS 1101</i>	_____
_____	ECON 2101	Principles of Economics-Macro	3	_____		_____
			<b>Total</b>	<b>16</b>		

<b>Sophomore - Spring</b>						
_____	ETCE 2163L	Construction Materials and Structures Lab	1	_____	ETCE 1222, <i>ETGR 2101</i>	_____
_____	ETCE 2221	Construction Means and Methods	3	_____	ETCE 2105, PHYS 1101	_____
_____	ETCE 2410	Intro. to Environmental Eng. Tech.	3	_____	MATH 1103 or Higher, ETGR 2101*	_____
_____	ETGR 2102	Applied Mechanics II	3	_____	ETGR 2101*	_____
_____	PHYS 1102	Introductory Physics II	3	_____	PHYS 1101*	_____
_____	STAT 1220	Elements of Statistics I	3	_____	MATH1100	_____
			<b>Total</b>	<b>16</b>		

Course in *italics* can be taken as a pre or co requisite

Course in **bold** must be taken as a co requisite

\* = grade of C or better required in prerequisite course

## Footnotes:

(a) Science/Math elective course is chosen jointly by student and advisor from the approved list.

(b) Major elective courses are chosen jointly by student and advisor from the course list approved by the Department as major electives. Other courses related to the student's professional interests and career goals may be considered but all such requests to take alternative major elective courses must be approved in writing by the ETCM Department.

(c) These courses must be completed with a grade of C or better.

# BSCM Construction Management Checksheet

Catalog Date: 2023-24

Last Name: \_\_\_\_\_ 0

Student ID: \_\_\_\_\_ 0

## SEM

<u>&amp; YR</u>	<u>Course #</u>	<u>Course Name</u>	<u>Hr</u>	<u>Grade</u>	<u>Pre/Co-Requisites</u>	<u>Comments</u>
<b>Junior - Fall</b>						
	ACCT 2121	Principles of Accounting I	3		MATH 1120*, MATH 1241*, MATH 1242*, STAT 1220*, STAT 1221*, STAT 1222* or STAT 2122*	
	CMET 3224	Construction Project Administration	3		Junior or senior standing or AAS transfer	
	ETCE 3131	Soil Mechanics & Earthwork	3		ETGR 2102 or AAS transfer	
	ETCE 3131L	Soil Testing Laboratory	1		<i>ETCE 3131</i>	
	ETCE 3271	Building Systems	3		ETCE 2410, PHYS 1102	
	ETGR 3295	Multidisciplinary Professional Development	1		Junior or Senior standing	
		<b>Total</b>	<b>14</b>			

## Junior - Spring

	CMET 3123	Cost Estimating	3		ETCE 2105, CMET 3224	
	ETCE 3163	Structural Analysis & Design I	3		ETGR 2102	
	ETGR 3222	Engineering Economics	3			
	XXXX 1511	Local Social Science	3			
	Sci/Math	Science/Math Elective <sup>(a)</sup>	3			
		<b>Total</b>	<b>15</b>			

## Senior - Fall

	BLAW 3150	Construction Law and Contracts or Business Law	3		INFO 2130, CMET3224 (per CM dept restriction)	
	CMET 4126	Project Scheduling and Control	3		CMET 3224	
	XXXX 1502	Global Arts/Humanities	3			
	CTCM 2530	Critical Thinking and Communication	3			
	Major Elective <sup>(b)</sup>		3			
		<b>Total</b>	<b>15</b>			

## Senior - Spring

	CMET 3680	Prof. Develop.: Professional Ethics	1		CIET/CM majors only. Junior standing	
	CMET 4130	Infrastructure Systems	3		CMET 3123, ETCE 3131	
	CMET 4272	Capstone Project	3		Sr standing, CM major, dept permission	
	ETCE 4350	Construction Geotechnics and Foundations	3		ETCE 3131	
	XXXX 1512	Local Arts/Humanities	3			
	Major Elective <sup>(b)</sup>		3			
		<b>Total</b>	<b>16</b>			

Course in *italics* can be taken as a pre or co requisite

Course in **bold** must be taken as a co requisite

\* = grade of C or better required in prerequisite course

## Footnotes:

(a) Science/Math elective course is chosen jointly by student and advisor from the approved list.

(b) Major elective courses are chosen jointly by student and advisor from the course list approved by the Department as major electives. Other courses related to the student's professional interests and career goals may be considered but all such requests to take alternative major elective courses must be approved in writing by the ETCM Department.

(c) These courses must be completed with a grade of C or better.