

# BSET Civil Engineering Technology Checksheet

Catalog Date: 2023-24

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

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

## SEM

& YR	Course #	Course Name	Hr	Grade	Pre/Co-Requisites	Comments
<b>Junior - Fall</b>						
	CMET 3224	Construction Project Administration	3		Junior or senior standing or AAS transfer	
	ETCE 3131	Soil Mechanics and Earthwork	3		ETGR 2102 or AAS transfer	
	ETCE 3131L	Soil Testing Laboratory	1		<i>ETCE 3131</i>	
	ETCE 3264	Structural Analysis	3		ETGR 2102, ETGR 2272	
	GEOL 1200	Physical Geology	3			
	LBST 2301/CTCM 2530	Critical Thinking and Communication	3			
			<b>Total</b>	<b>16</b>		

## Junior - Spring

	CMET 3680	Prof. Develop. III: Professional Ethics	1		CIET/CM majors only. Junior standing	
	ETCE 3242	Hydraulics and Hydrology	3		ETGR 2102, ETCE 2410, PHYS 1102 or AAS transfer	
	ETCE 4350	Construction Geotechnics and Foundations	3		ETCE 3131	
	ETGR 3171 or ETGR4272	Engineering Analysis III or IV	3		ETGR 2272* or MATH 1242* (and STAT1220* for ETGR4272)	
	ETGR 3295	Multidisciplinary Professional Dev.	1		Junior or Senior standing	
	Science/Math	Science/Math Elective(a)	3			
			<b>Total</b>	<b>14</b>		

## Senior - Fall

	ETCE 4165	Structural Steel Design	3		ETCE 3163 or ETCE 3264	
	ETCE 4251	Highway Design & Construction	3		ETCE 1211, ETCE 3131	
	ETGR 3222	Engineering Economics	3			
	XXXX 1502	Global Arts/Humanities	3			
	Major Elective(b)		3			
			<b>Total</b>	<b>15</b>		

## Senior - Spring

	CMET 3123	Cost Estimating	3		ETCE 2105, CMET 3224	
	ETCE 4266	Reinforced Concrete Design	3		ETCE 3264 or ETCE 3163	
	ETCE 4272	Capstone Project	3		Senior standing and CIET major, or permission of department	
	XXXX 1512	Local Arts/Humanities	3			
	Major Elective(b)		3			
			<b>Total</b>	<b>15</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 courses are 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.