

CONSTRUCTION ENGINEERING MANAGEMENT PROGRAM

2019-2020

Note: Course schedule and offerings subject to change. Check OSU Online Schedule of Classes when registering.

FRESHMAN

SOPHOMORE

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Cr.	Fall	Winter	Spring	Cr.	Fall	Winter	Spring	Cr.
1	MTH 251 Differential Calculus F,W,S	MTH 252 Integral Calculus F,W,S	PH 211 Gen Physics/Calc F,W,S	1	PH 212 Gen Physics/Calc F,W,S	Biological Lab Science F,W,S	WR 327 Technical Writing F,W,S	1
2				2				2
3				3				3
4				4				4
5	CH 201 Chem for Engrs F,W	ECON 201 Intro to Microecon Perspective-- SP&I F,W,S	ECON 202 Intro to Macroecon Perspective-- SP&I F,W,S	5	CCE 201 Graphics & Design F,W	CCE 203 Virtual Dsgn & Constr W,S	CEM 263 Plane Surveying F,S	5
6				6				6
7				7				7
8	CCE 101	CCE 102 Problem Solving & Technology	COMM 111/114 Sp Communication F,W,S	8	BA 315 Accounting for Decision Making F,W,S	ENGR 211 Statics F,W,S	ENGR 213 Strength of Materials F,W,S	8
9	CCE Orientation			9				9
10	WR 121			10				10
11	aEnglish Composition F,W,S	#HHS 231 -- Lifetime Fitness & Health F,W,S	# Perspective -- Cultural Diversity F,W,S	11	ST 314 Intro To Statistics F,W,S	BA 330 Business Law I F,W,S	ENGR 390 Engineering Econ F,W,S	11
12	F,W,S			12				12
13	# Perspective -- Lit. & Arts F,W,S	#PAC or HHS 241-248		13			PHL 205 - Ethics Perspective -- Western F,W,S	13
14				14				14
15				15	CCE 207- Seminar			15
16				16				16

Biological science classes with labs & without prerequisites:

Fall	Winter	Spring
ANS 121	ANS 121	ANS 121
BI 101	BI 102	BI 103
SUS 102	MB 230	BOT 101
FES 240	SOIL 205 & 206	FES 240
MB 230	SUS 102	MB 230
RNG 121		RNG 121
		SOIL 205 & 206
		SUS 102

*CSS 205 Ecampus only (All terms)

aEnrollment term is limited by alphabetical sectioning:			
	Fall	Winter	Spring
WR 121	A-G	H-N	O-Z

	F, W, S = Terms in which course is offered
#	Courses may be taken for S/U grade.

JUNIOR

SENIOR

JUNIOR				SENIOR				
Cr.	Fall	Winter	Spring	Cr.	Fall	Winter	Spring	Cr.
1	CCE 321 Civil & Construction Engineering Materials F,S	FE 315 Soil Engineering (or CE 372)	CEM 381 Structures I	1	CEM 383 Structures II	CE 427 Temp. Construction Structures W,S	MGMT 453 Human Resources Mgmt F,W,S	1
2				2				2
3				3				3
4				4				4
5	CEM 442 Building Construction Mgmt F,S	CEM 311 Hydraulics W,S	CEM 341 Construction Estimating I	5	CEM 342 Construction Estimating II	Upper Division College of Business Elective F,W,S	Upper Div. or Grad. Col. of Engrg. Elect. F, W, S	5
6				6				6
7				7				7
8	CEM 471 Electrical Facilities	CEM 472 Mechanical Facilities	CE 424 Contracts & Specifications W,S	8	CEM 343 Construction Planning & Scheduling	CEM 443^ Project Management for Construction W,S	CEM 326 or H 385 Safety & Health Standards & Laws	8
9				9				9
10				10				10
11	# Difference, Power, & Discrimination F,W,S	CE 365 Highway Location & Design W, S	CEM 441 Heavy Civil Constr Mgmt W, S	11	CEM 431(F) or 432(S) Obtain. Contr./Con. Proj. Plan.	BA 351 Managing Organizations F,W,S	# Synthesis -- Sci, Tech, & Society F,W,S	11
12				12				12
13				13				13
14				14				14
15				15			# Synthesis -- Contemp Global Issues F,W,S	15
16				16				16

^ Writing Intensive Course

Total credits required for BS CEM = 180 credit hours (average load = 15 credits per term)

Note: If a course has no terms listed below it (e.g. F,W,S), it is only taught in the term it appears in.