

CIVIL ENGINEERING 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	MTH 254 Vector Calculus I F,W,S	1	MTH 264 & 265 Intro-Matrix Algebra & Intro-Series F, W, S	MTH 256 Applied Differential Equations 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	CH 202 Chem for Engrs W,S	PH 211 Gen Physics/Calc F,W,S	5	PH 212 Gen Physics/Calc F,W,S	PH 213 Gen Physics/Calc F,W,S	Biological Science w/Lab F,W,S	5
6				6				6
7				7				7
8	CCE 101 CCE Orientation	CCE 102 Problem Solving & Technology	ECON 201 Intro to MicroEcon Perspectives- SP&I F,W,S	8	ENGR 211 Statics F,W,S	ENGR 213 Stength of Materials F,W,S	ENGR 212 Dynamics F,W,S	8
9				9				9
10	WR 121 English Composition F,W,S	COMM 111/114 Sp Communication F,W,S	CH 205 - LAB W,S	10	CCE 201 Graphics & Design F,W	CE 202 Geospatial Info & GIS W,S	ST 314 Intro Stats for Engrs F,W,S	10
11				11				11
12	# Perspectives - Literature & Arts F,W,S	#PAC, HHS 241 or MS 130	# HHS 231 - Lifetime Fitness & Health F,W,S	12	CCE 207 - Seminar		# Perspectives - Cultural Diversity F,W,S	12
13				13				13
14				14				14
15				15				15
16				16				16

Biological science classes w/labs & w/o prerequisites:

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

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)

**
F, W, S = Term(s) in which course is offered.

JUNIOR

SENIOR

JUNIOR				SENIOR				
Cr.	Fall	Winter	Spring	Cr.	Fall	Winter	Spring	Cr.
1	CE 311 Fluid Mechanics F,W	CE 313 Hydraulic Engineering W,S	CE 412 Hydrology F,S	1	CE 383 Design of Steel Structures F,W	CE 418^ CE Professional Practice	CE 419 Civil Infrastructure Design	1
2				2				2
3				3				3
4				4				4
5	CE 381 Structural Theory I F,W	CE 382 Structural Theory II W,S	CE 481 Reinforced Concrete I F,S	5	CE 491 Transportation Engr F,S	CE 420 Engineering Planning F,W	ENVE 321 Environmental Engineering Fundamentals	5
6				6				6
7				7				7
8	CE 361 Surveying Theory F,S	CE 372 Geotechnical Engineering I W,S	CE 373 Geotechnical Engineering II F,S	8	Technical Elective F,W,S	Technical Elective F,W,S	Technical Elective F,W,S	8
9				9				9
10				10				10
11				11				11
12	# Difference, Power, & Discrimination F,W,S	CE 392 Intro to Highway Engineering W,S	CCE 321 Civil & Construction Engineering Materials F,S	12	# Synthesis - Contemp Global Issues F,W,S	ENGR 201 Electrical Fund. I F,W,S	# Synthesis - Sci, Tech, & Society F,W,S	12
13				13				13
14				14				14
15				15				15
16				16		# Perspectives -- Western Culture F,W,S		16

[^] Writing Intensive Course

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

Technical Electives are specific CoE upper division (300-500 level) courses not otherwise required in the major. Verify with advisor.

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.