Civil Engineering 2019-2020 Lower Division Required Courses	
MAT 21A - 4 units	CHE 2A - 5 units
MAT 21B - 4 units	CHE 2B - 5 units
MAT 21C - 4 units	ENG 35 - 4 units
MAT 21D - 4 units	ECI 3 (or ECI Elective) - 4 units If elective:
MAT 22A - 3 units	ECI 16 - 2 units
MAT 22B - 3 units	BIS 2A or GEL 50-50L - 5 units
PHY 9A - 5 units	ENG 6 or ECS 30 or ECS 32A - 4 units
PHY 9B - 5 units	CMN 1 or 3 or ENG 3 - 4 units
PHY 9C - 5 units	UWP 1, 1Y or 1V or ENL 3, or COM 1, 2, 3 or 4, or NAS 5 - 4
THI 5C - 5 dilits	units
Civil Engineering 2019-2020 Upper Division Required Courses	
ECI 100 or ENG 103 - 4 units	ECI 114 - 4 units
ENG 104 - 4 units	ECI 115 or ECI 153 or MAT 118A - 4 units
ENG 104L - 1 unit	ECI 193A - 4 units
ENG 106 - 3 units	ECI 193B - 4 units
ENG 102 or 105 - 4 units	
<b>ECI Breadth</b> - 1 course from 4 of the 5 areas below: <b>ECI Depth</b> - 2 courses from 2 of the 4 areas selected for breadth:	
5 1 1 50 110 110 110 110	
<b>Environment:</b> ECI 140A or 140B or 148A or 149	Environment: ECI 140B, ECI 140C, ECI 140D, 149, 150
	#1 #2
Geotechnical: ECI 171 and 171 Lab	Geotechnical: ECI 173, 175, 179
	#1 #2
Structures: ECI 130	<b>Structures:</b> ECI 131, 132, 135, 136
	#1 #2
Transportation: ECI 161 or 163 or 165	Transportation: ECI 153, 161, 179
	#1 #2
Water Resources: ECI 141 and 141 Lab	Water Resources: ECI 142, 144, 145, 146, 155
	#1 #2
Civil & Environmental Engineering (ECI) electives - 16 unit minimum: May include any upper division, letter-graded Civil & Environmental Engineering course not already used towards satisfying other ECI requirements. If both Engineering 102 & 105 were completed 4 units may be used towards ECI Electives, and may include, but not exceed, a combination of 6 units from Civil & Environmental Engineering 198 & 199 **	
Upper Division Composition Requirement: One course from the following (grade of C- or better is required): UWP 101, 102E, 102G, 104A, 104E, or 104T or by passing the Upper-Division Composition Exam	
**A maximum of 4 units of upper-division courses outside of Civil & Environmental Engineering may be considered on a petition basis. Please consult with the undergraduate staff adviser.	
Online Advising Student Information System (OASIS)	Notes:
https://oasis.ucdavis.edu/	
Civil Engineering Undergraduate Advising	
http://cee.engr.ucdavis.edu/ug-advising/	
http://cee.engr.ucdavis.edu/undergraduate/frequently-asked-que	estions/
Fundatmentals of Engineering Exam	
http://ncees.org/engineering/fe	