

Civil Engineering 2021-2022 Lower Division Required Courses

MAT 21A - 4 units
MAT 21B - 4 units
MAT 21C - 4 units
MAT 21D - 4 units
MAT 22A - 3 units
MAT 22B - 3 units
PHY 9A - 5 units
PHY 9B - 5 units
PHY 9C - 5 units

CHE 2A - 5 units
CHE 2B - 5 units
ENG 35 - 4 units
ECI 3 (or ECI Elective) - 4 units if elective: _____
ECI 16 - 2 units
BIS 2A or GEL 50-50L - 5 units
ENG 6 or ECS 30 or ECS 32A - 4 units
CMN 1 or 3 or ENG 3 - 4 units
UWP 1, 1Y or 1V or ENL 3, or COM 1, 2, 3 or 4, or NAS 5 - 4 units

Civil Engineering 2021-2022 Upper Division Required Courses

ECI 100 or ENG 103 - 4 units
ENG 104 - 4 units
ENG 104L - 1 unit
ENG 106 - 3 units
ENG 102 or 105 - 4 units

ECI 114 - 4 units
ECI 115 or ECI 153 or MAT 118A - 4 units
ECI 193A - 4 units
ECI 193B - 4 units

ECI Breadth - 1 course from 4 of the 5 areas below:

Environment: ECI 140A or 140B or 148A or 149

Geotechnical: ECI 171 and 171 Lab

Structures: ECI 130

Transportation: ECI 161 or 163 or 165

Water Resources: ECI 141 and 141 Lab

ECI Depth - 2 courses from 2 of the 4 areas selected for breadth:

Environment: ECI 140B, ECI 140C, ECI 140D, 149, 150

#1 _____ #2 _____

Geotechnical: ECI 173, 175, 179

#1 _____ #2 _____

Structures: ECI 131, 132, 133, 134, 135, 136, 138

#1 _____ #2 _____

Transportation: ECI 153, 161, 179

#1 _____ #2 _____

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, 101Y, 102E, 102EY, 102G, 102GY, 104A, 104AY, 104E, 104EY, 104T, or 104TY 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)

<https://oasis.ucdavis.edu/>

Civil Engineering Undergraduate Advising

<http://cee.engr.ucdavis.edu/ug-advising/>

<http://cee.engr.ucdavis.edu/undergraduate/frequently-asked-questions/>

Fundamentals of Engineering Exam

<http://ncees.org/engineering/fe>

Notes:

