

Bachelor of Science in Civil Engineering

Year 1

Year 2

Year 3

Year 4

Math 30 (4 units) Calculus I <i>ALEKS score of 76 or Math 29</i>	Math 31 (4 units) Calculus II <i>Math 30</i>	Math 45 (3 units) Diff Eqns. <i>Math 31</i>	Math 100 (or 35) (3 units) Lin. Algebra <i>Math 31 (or 30)</i>	ENGR 110 (3 units) Dynamics <i>ENGR 30, Math 45 Math 100 (35)</i>	CE 100 (2 units) Eng. Geology <i>ENGR 112</i>	CE 171A (4 units) Soil Mechanics <i>CE 1A, ENGR 112 CE 100, CE 101, WPJ</i>	CE 135 (1 unit) Hydraulics Lab <i>CE 101, CE 137 (co) WPJ</i>
CE 4 (2 units) Eng. Graphics	Phys 11A (4 units) Mechanics <i>Math 31 (co)</i>	Phys 11C (4 units) Elect. & Mag. <i>Math 31, Phys 11A</i>	ENGR 30 (3 units) Eng. Mechanics <i>Math 31, Phys 11A</i>	ENGR 112 (3 units) Mech Materials <i>E30, E45, Math 45 CE 4 (co)</i>	CE 137 (3 units) Water Res. Eng. <i>CE 1A, ENGR 115 ENGR 132, CE 101</i>	CE 190A (3 units) Proj. Skills <i>CE 137, CE 147, CE 161 CE 170A, OR CE 171A</i>	CE 190B (3 units) Senior Project <i>CE 190A Final Semester</i>
Chem 1E (4 units) Chem. for Eng. <i>Diagnostic or Chem 4</i>	CE 9 (3 units) Surveying <i>Math 30 (co)</i>	ENGR 45 (3 units) Eng. Materials <i>Math 30 Chem 1E (co)</i>	General Education (English 20)	ENGR 115 (3 units) Eng. Statistics <i>Math 31 (co)</i>	CE 170A (3 units) Princ. Env. Eng. <i>CE 1A, Chem 1E, E115 CE 101 (co), WPJ</i>	CE 170B (2 units) Env. Eng. Prac. <i>CE 170A</i>	CE Elective
General Education	General Education	General Education	General Education	ENGR 132 (3 units) Fluid Mech <i>ENGR 112</i>	CE 161 (3 units) Struct. Analysis <i>CE 1A, E112, CE 101 Math 100 (35)</i>	CE 147 (4 units) Transport. Eng. <i>CE 1A, E115, CE 101 CE 9, WPJ</i>	CE Elective
General Education	General Education	General Education	General Education	CE 101 (3 units) CE Comp. App. <i>CE 4 (co), ENGR 30</i>	CE 113 (1 unit) Structural Lab <i>E112, CE 101, WPJ</i>	CE Elective	CE Elective
CE 1A (1 unit) CE Seminar				WPJ Exam (Before any CE Labs)	General Education (Writing Intensive)		FE Exam (Final Year)
17 units <u>2 Labs</u>	17 units <u>2 Labs</u>	16 units <u>2 Labs</u>	15 units No Labs	15 units No Labs	17 units <u>2 Labs</u>	16 units <u>2 Labs</u>	13 units <u>2 labs</u>



SACRAMENTO STATE
Department of Civil Engineering

Civil Engr.
50 units

Engineering
18 units

Math/Sci.
26 units

General Ed.
30 units

Total
124 units