



DEGREE REQUIREMENT EVALUATION

California State Polytechnic University, Pomona

ELM Satisfied ___ Yes ___ No
 EPT Satisfied ___ Yes ___ No
 GWT Satisfied ___ Yes ___ No

YEAR: 1996-97

MAJOR CIVIL ENGINEERING (5252)
 OPTION Environmental Engineering
 UNITS REQUIRED 202

NAME _____
 LAST FIRST M.I.
 STUDENT ID NO. _____

EVALUATOR _____
 DATE _____
 UPDATES _____

Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all courses included in Column I.

GENERAL EDUCATION (68 units) Pick curriculum of study from either Interdisciplinary G.E. (Column IIIa) or Areas 1 through 5 (Column IIIb). Underlined courses satisfy both major and G.E. requirements.

Column I	Column I (con't)	Column IIIa	Column IIIb	
CORE COURSES IN MAJOR CAD Engine Concepts CE 127/L 3 Elem Surveying CE 134/L 4 Computers in CE CE 210/L 2 Structural Anal I CE 304 4 Structural Anal II CE 305 4 Structural Mat Lab CE 306/L 1 Soil Mechanics CE 323/L 3 Hydraulic Engg CE 332/L 4 Str. Des-Rein Conc CE 421/422L 5 Water Supply Engg CE 431/L 4 Sr Design Project CE 461 2 Sr Design Project CE 462 2 Applied Elect Engg ECE 232 3 Vector Statics ME 214 3 Vector Dynamics ME 215 4 Strength Matls ME 218 3 Fluid Mechanics ME 311 3		Engr Hydrology CE 451/L 4 Coastal Engg CE 455 4 Solid Waste Management CE 457 3 Undergrad Sem CE 463 2 Tech Elect* CE XXX 4 Thermodynamics ME 301 4 * U.D. CE Course approved in advance by student advisor.	Interdis. G.E. IGE 120 4 IGE 121 4 IGE 122 4 IGE 220 4 IGE 221 4 IGE 222 4 IGE 223 4 IGE 224 4 COM 204 4 <u>CE 361</u> 4 <u>CE 301</u> 4 Area 2-16 units (See Col IIIb) Area 5-8 units (See Col IIIb)	AREA 1 – 12 units a) ENG 104 (4) b) COM 204 (4) c) <u>CE 361</u> (4) AREA 2 – 16 units (must include one lab course; area 2d must be upper division) a) <u>MAT 114</u> (4) b) <u>PHY 131/151L, 152L, 153L</u> (3,1,1,1) c) <u>BIO 110</u> (3) d) <u>IME 301</u> or <u>STA 309</u> (3) AREA 3 – 24 units Arts, Literature, Philosophy, and Foreign Languages a) Elective (4) b) Elective (4) c) UD or LD Elective (4) Social, Political, and Economic Institutions d) <u>CE 301</u> (4) e, f) PLS 390/SOC 390 (4)* Integrated Being g) <u>PSY 201</u> (4) AREA 4 – 8 units PLS 201 (4) and HST 202 (4) AREA 5 – 8 units (A total of 12 upper division units required in GE—four in Area 2d and eight in Area 5.) <u>GSC 321</u> (4) and <u>MHR 318</u> (4) *course satisfies two requirements
REQUIRED OPTION COURSES Aquatic Ecology BIO 305 4 Intro to Civ Engr CE 122 1 Comp Prg & Num Meth CE 303 3 Envir Resource Sys CE 351/L 4 Const. & Engr Law CE 403 3 Structural Des-Steel CE 406/407L 4 Water Quality Engr CE 432/L 4 Ind & Haz Wastes CE 434/L 4		SUPPORT AND DIRECTED ELECTIVES Gen Chemistry CHM 111/151L 4 Gen Chemistry CHM 112/152L 4 Anal Geom/Calc II MAT 115 4 Anal Geom/Calc III MAT 116 4 Calc of Several Vari I MAT 214 3 Differential Equations MAT 216 4 General Physics PHY 132 3 General Physics PHY 133 3	Column III Units Required 68 TRANSFER ELECTIVES SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____	
Column I Units Required 105	Column II Units Required 29			

NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE. ALL SPEAKERS OF ENGLISH AS A SECOND LANGUAGE WHO HAVE NOT ACHIEVED THE MINIMUM EPT SCORE FOR ENGLISH 104 MUST TAKE ENGLISH 102 AND 103. A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR. F-105-15 REV. 2/96

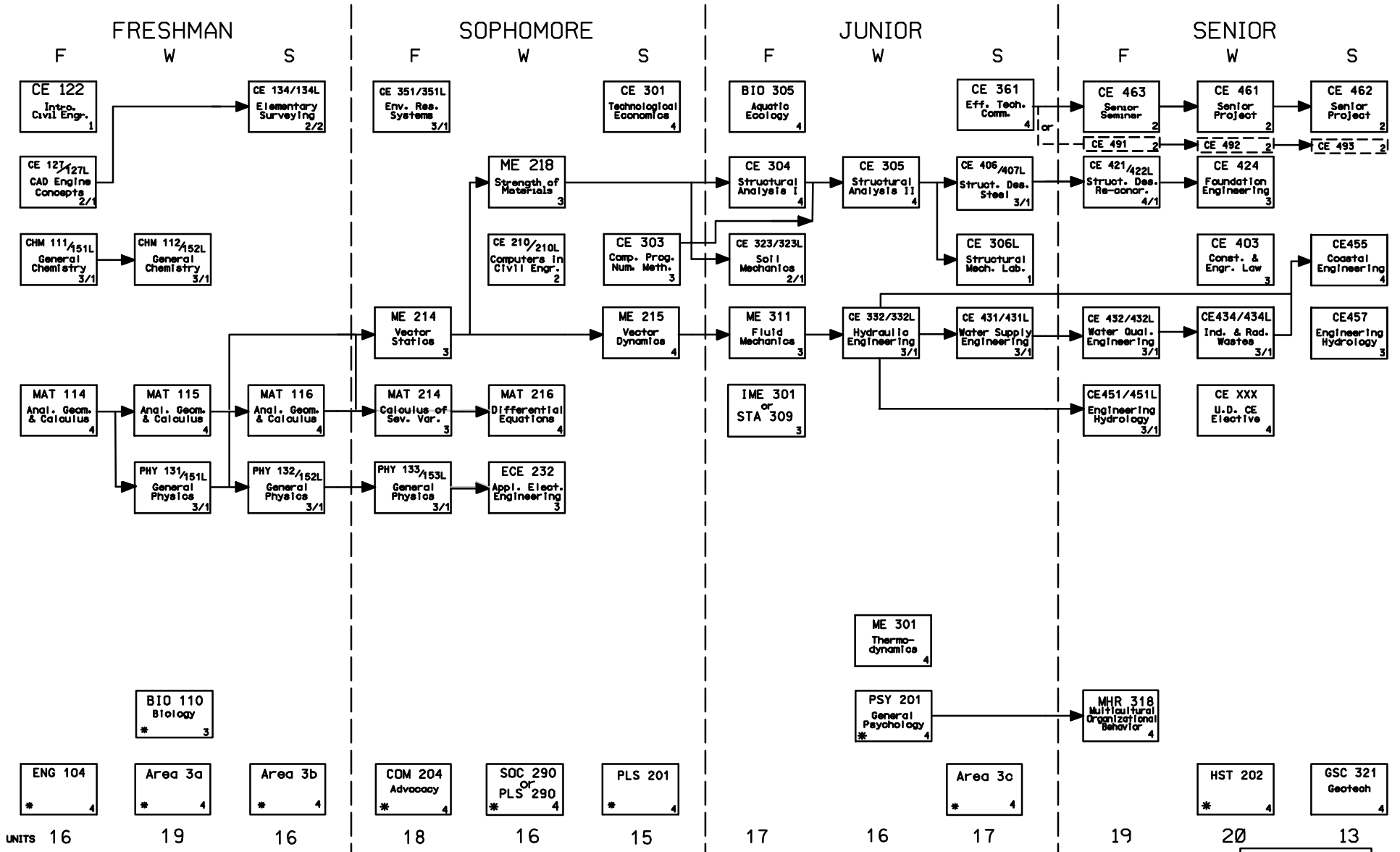
CALIFORNIA STATE POLYTECHNIC UNIVERSITY POMONA

CIVIL ENGINEERING DEPARTMENT CURRICULUM

AY 96-97

ENVIRONMENTAL ENGINEERING OPTION

NAME: _____ DATE: _____



Students are responsible for prerequisites. Refer to University catalog 1996-97
 * Qualified students may substitute IGE sequence for those courses with an asterisk. See catalog for details.