



**California State Polytechnic University, Pomona
DEGREE REQUIREMENT EVALUATION**

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

MAJOR CIVIL ENGINEERING (5252) NAME _____
 OPTION/EMPHASIS Environmental Engineering LAST _____ FIRST _____ MI _____
 UNITS REQUIRED 202 STUDENT I.D. # _____

TERM ADMITTED _____ YEAR: **2003-2004**
 EVALUATOR _____
 DATE _____
 UPDATES _____

CORE COURSES	Units	SUPPORT COURSES	Units	IGE	GENERAL EDUCATION. Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes unless specified.	Units
<i>Students in this major are expected to <u>maintain</u> a GPA of at least 2.00 in all core courses.</i>					GENERAL EDUCATION COURSES	
		Gen Chemistry	CHM 121/L	4	Area A Communication and Critical Thinking–12 units	
		Gen Chemistry	CHM 122/L	4	1 ENG 104	4
CAD Engine Concepts	CE 127/L 3	Anal Geom/Calc II	MAT 115	4	2 COM 204	4
Elem Surveying	CE 134/L 4	Anal Geom/Calc III	MAT 116	4	3 ENG 105	4
Computers in CE	CE 210/L 2	Calc of Several Vari I	MAT 214	3		
Structural Anal I	CE 304 4	Differential Equations	MAT 216	4	Area B Math and Natural Sciences–16 units	
Structural Anal II	CE 305 4	General Physics	PHY 132	3	1 <u>MAT 114</u>	4
Structural Mat Lab	CE 306L 1	General Physics	PHY 133	4	2 <u>PHY 131/131L, 132L</u>	5
Geotech Engr I	CE 325 2	Statistical Methods	IME 301	3	3 Biological Science	3
Geotech Engr II	CE 326 3		or STA 309	3	4 GSC 321/321L	4
Geotech Lab	CE 327L 1					
Hydraulic Engr	CE 332/L 4				Area C Humanities– 16 units	
Technical Communication	CE 362/A 3				1 Fine/Performing Arts	4
Str. Des-Rein Conc	CE 421 4				2 Philosophy and Civilization	4
Concrete Design Lab	CE 422L 1				3 Literature and Foreign Language	4
Water Supply Engr	CE 431/L 4				4 EGR 402	4
Vector Statics	ME 214 3					
Vector Dynamics	ME 215 4				Area D Social Sciences– 20 units	
Strength Matls	ME 218 3				1 PLS 201, HST 202	8
Fluid Mechanics	ME 311 3				2 <u>CE 301</u>	4
REQUIRED OPTION COURSES					3 Approved D3	4
Aquatic Ecology	BIO 305 4				4 Social Science Synthesis*	4
Intro to Civil Engr	CE 122 1					
Comp Prg & Num Meth	CE 303/A 3				Area E Lifelong Understanding and Self-Development–4 units	4
Envir Resource Sys	CE 351/L 4					
Structural Des-Steel	CE 406 4					
Water Quality Engr	CE 432/L 4					
Ind & Haz Wastes	CE 434/L 4					
Engr Hydrology	CE 451/L 4					
Solid Waste Management	CE 457 3					
Design Project	CE 461, 462, 463/A					
or	CE 491, 492, 493					
Tech Elect**	CE XXX 3					
Thermodynamics	ME 301 4					
Groundwater	CE 456/L 4					
**U.D. CE Courses approved in advance by advisor.						
		SUMMARY OF ADVANCED STANDING CREDIT:				
		Earned Hours _____				
		G.P.A. Hours _____				
		Quality Points _____				
		G.P.A. _____				
UNITS REQUIRED:	101	UNITS REQUIRED:	33	UNITS REQUIRED:	68	

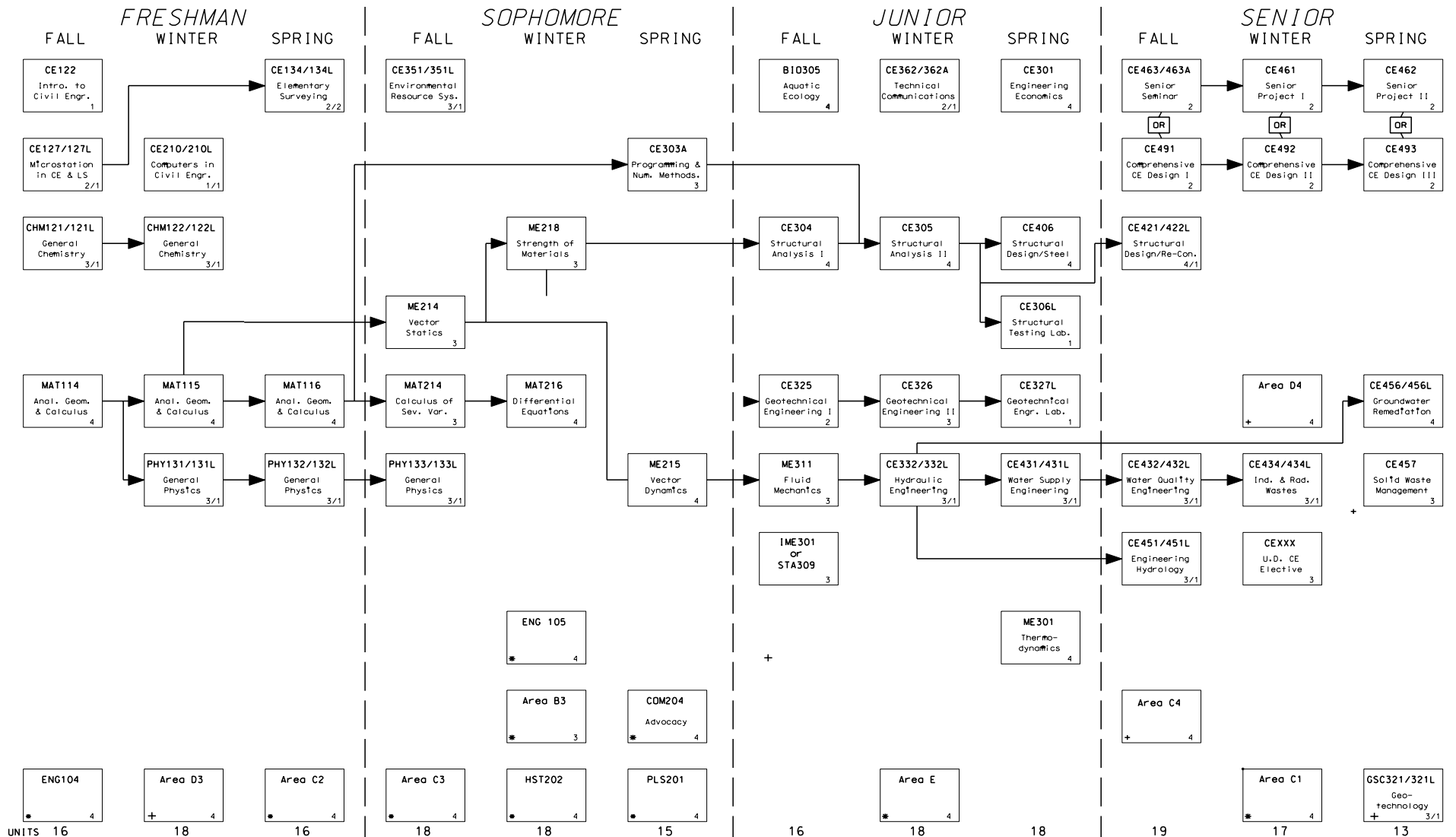
NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE.
 A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR.

CALIFORNIA STATE POLYTECHNIC UNIVERSITY POMONA CIVIL ENGINEERING DEPARTMENT CURRICULUM

AY
2003/2004

ENVIRONMENTAL ENGINEERING OPTION

NAME: _____ DATE: __/__/__



Students are responsible for prerequisites. Refer to the current University Catalog .

* Qualified students may substitute IGE sequence for courses with asterisk. See University Catalog.

+ Course must be approved in advance by advisor

TOTAL = 202
Revision 5/30/2002