



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

**YEAR: 2000-2001**

MAJOR **CIVIL ENGINEERING (5252)**  
**Environmental Engineering**

NAME \_\_\_\_\_  
LAST FIRST MI

UNITS REQUIRED **202** STUDENT I.D. # \_\_\_\_\_

**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.

CORE COURSES	Units	Course Taken	Grade	SUPPORT COURSES	Units	Course Taken	Grade	IGE	Units	Course Taken	Grade	GENERAL EDUCATION COURSES	Units	Course Taken	Grade
<i>Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all core courses.</i>				Gen Chemistry	CHM 121/L	4		IGE 120	4			<b>Area 1 Comm in Eng Lang – 12 units</b>			
CAD Engine Concepts	CE 127/L	3		Gen Chemistry	CHM 122/L	4		IGE 121	4			1a ENG 104	4		
Elem Surveying	CE 134/L	4		Anal Geom/Calc II	MAT 115	4		IGE 122	4			1b COM 204	4		
Computers in CE	CE 210/L	2		Anal Geom/Calc III	MAT 116	4		IGE 220	4			1c CE 361/L or ENG 105	4		
Structural Anal I	CE 304	4		Calc of Several Vari I	MAT 214	3		IGE 221	4			<b>Area 2 Science/Math – 16 units</b>			
Structural Anal II	CE 305	4		Differential Equations	MAT 216	4		IGE 222	4			2a MAT 114	4		
Structural Mat Lab	CE 306L	1		General Physics	PHY 132	3		IGE 223	4			2b PHY 131, 131L, 132L, 133L	6		
Geotech Engr I	CE 325	2		General Physics	PHY 133	3		IGE 224	4			2c Elective	3		
Geotech Engr II	CE 326	3						COM 204	4			2d IME 301 or STA 309	3		
Geotech Lab	CE 327L	1						CE 301	4			<b>Area 3 Humanities/Social Sciences – 24 units</b>			
Hydraulic Engr	CE 332/L	4						CE 361/L or	4			3a Elective	4		
Str. Des-Rein Conc	CE 421	4						ENG 105				3b Elective	4		
Concrete Design Lab	CE 422L	1						Area 2	16			3c Elective	4		
Water Supply Engr	CE 431/L	4						Area 5	8			3d CE 301	4		
Applied Elect Engr	ECE 232	3										3e,f PLS 390/SOC 390*	4		
Vector Statics	ME 214	3										3g Elective	4		
Vector Dynamics	ME 215	4										<b>Area 4 US Hst/Const/Ideals – 8 units</b>			
Strength Matls	ME 218	3										4a PLS 201	4		
Fluid Mechanics	ME 311	3										4b HST 202	4		
<u>REQUIRED OPTION COURSES</u>												<b>Area 5 Upper Division GE – 8 units</b>			
Aquatic Ecology	BIO 305	4										GSC 321	4		
Intro to Civ Engr	CE 122	1										MHR 318 or EGR 402	4		
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	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	6													
Tech Elect*	CE XXX	4													
Thermodynamics	ME 301	4													
Groundwater	CE 456/L	4													
*U.D. CE Courses approved in advance by advisor.															
<b>UNITS REQUIRED:</b>	<b>105</b>			<b>UNITS REQUIRED:</b>	<b>29</b>			<b>UNITS REQUIRED:</b>	<b>68</b>						

**SUMMARY OF ADVANCED STANDING CREDIT:**

Earned Hours \_\_\_\_\_

G.P.A. Hours \_\_\_\_\_

Quality Points \_\_\_\_\_

G.P.A. \_\_\_\_\_

ELM Satisfied \_\_\_\_ Yes \_\_\_\_ No

EPT Satisfied \_\_\_\_ Yes \_\_\_\_ No

GWT Satisfied \_\_\_\_ Yes \_\_\_\_ No

EVALUATOR \_\_\_\_\_

DATE \_\_\_\_\_

UPDATES \_\_\_\_\_

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.

