

**BS ENVIRONMENTAL ENGINEERING**

2007-2009

updated 06/05/07

**Units Required 196**

NAME \_\_\_\_\_  
 STUDENT ID \_\_\_\_\_  
 CONCENTRATION \_\_\_\_\_  
 MINOR \_\_\_\_\_

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				
			<= Units that are NOT Degree Applicable	
			<= Degree Applicable Units	

Major GPA at least 2.00 \_\_\_\_\_ [ ] YES [ ] NO  
 US Cultural Pluralism Met++ [ ] YES [ ] NO  
 60 Units Upper Division Met <sup>Taken/Remaining</sup> [ ] YES [ ] NO  
 GWR Met [ ] YES [ ] NO  
 Upper Div GE Met [ ] YES [ ] NO

*Note: No Major, Support or Concentration courses may be taken credit/no credit*

*\*=Courses satisfy GE requirement*

MAJOR COURSES (81)	Units	Grade	GrdPts
CE 201 Mechanics of Materials <i>or</i> CE 204 Mechanics of Materials I <i>and</i> CE 207 Mechanics of Materials II	6 <i>or</i> 3 <i>and</i> 3		
CE 336 Water Resources Engineering	4		
CE 337 Hydraulics Lab	1		
CE 381 Geotechnical Engineering	4		
CE 434 Groundwater Hydraulics and Hydrology	3		
ENVE 111 Intro. To Env. Engineering. Profession	1		
ENVE 304 Thermodynamics of Processes	4		
ENVE 309 Noise & Vibration Control	3		
ENVE 325 Environmental Air Quality	3		
ENVE 331 Intro. to Environmental Engineering	4		
ENVE 411 Air Pollution Control	3		
ENVE 416 Environmental Process Modeling	4		
ENVE 421 Mass Transfer Operations	3		
ENVE 426 Air Quality Measurements	3		
ENVE 434 Water Quality Measurements	4		
ENVE 436 Intro Hazardous Waste Management	3		
ENVE 438 Water / Wastewater Treatment Design	3		
ENVE 439 Solid Waste Management	3		
ENVE 450 Industrial Pollution Prevention	4		
ENVE 455 Environmental Health and Safety	4		
ENVE 466 Senior Project Des Lab	2		
ENVE 467 Senior Project Des Lab	2		
<sup>1,2</sup> Advisor Approved Technical Electives.....	10		

PHYS 141 General Physics IA (Add'l Area B)* .....	4
PHYS 132 General Physics II.....	4
PHYS 133 General Physics III.....	4
STAT 312 Statistical Methods/Engrs (B6)*	4

**GENERAL EDUCATION (GE) 40**

72 units required; 32 units are in Support.

Refer to current schedule or [www.calpoly.edu/~acadprog/gened/](http://www.calpoly.edu/~acadprog/gened/) to choose GE courses. You will not receive credit for courses not on the approved lists.

**Minimum of 8 units required at the 300-400 level**

**Area A Communication 8**

A1 ENGL 133/134 .....	4
A2 COMS 101/102 .....	4

**Area B Science and Mathematics (no add'l units req'd) 0**

28 units are specified in Support

**Area C Arts and Humanities 16**

C1 Literature .....	4
C2 Philosophy: PHIL 230/231 .....	4
C3 Fine/Performing Arts .....	4
C4 Upper-division (300-elective) .....	4

**Area D/E Society and the Individual 16**

D1 The American Experience (40404) .....	4
D2 Political Economy .....	4
D3 Comparative Social Institutions .....	4
D4 Self Development (CSU Area E) .....	4

**Additional GE (if needed)**

- O = Work in progress
- ( ) = not allowed for degree credit
- Max 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification

**ELECTIVES 0**

**SUPPORT COURSES (75)**

CHEM 127 General Chemistry I (B3/B4)* .....	4
CHEM 128 General Chemistry II.....	4
CHEM 129 General Chemistry III .....	4
CHEM 312 Survey of Organic Chemistry (trans equiv CHEM 212) ..	5
CSC 231/CSC 234.....	2
EE 201 Electric Circuit Theory .....	3
ENGL 149 Technical Writing for Engineers (A3)* .....	4
MATH 141 Calculus I (B1)* .....	4
MATH 142 Calculus II (B1)* .....	4
MATH 143 Calculus III (Add'l Area B)* .....	4
MATH 241 Calculus IV .....	4
MATH 244 Linear Analysis I.....	4
MCRO 221 Microbiology (B2)* .....	4
ME 211 Engineering Statics.....	3
ME 212 Engineering Dynamics .....	3
ME 341 Fluid Mechanics.....	3

<sup>1</sup> To be selected in accordance with the A.B.E.T. 24-unit and Culminating Engineering Design requirement, in consultation with your academic advisor.  
<sup>2</sup> No more than 4 units of ENVE 400 or CE 400 can be counted towards technical electives.