

BS ENVIRONMENTAL ENGINEERING

2005-2007

updated 3/05

Units Required 196

NAME _____
 STUDENT ID _____
 CONCENTRATION _____
 MINOR _____

Major GPA at least 2.00 _____ [] YES [] NO
 US Cultural Pluralism Met++ [] YES [] NO
 60 Units Upper Division Met ^{Taken/Remaining} [] YES [] NO
 GWR Met [] YES [] NO
 Upper Div GEB Met [] YES [] NO

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

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

| MAJOR COURSES (81) | Units | Grade | GrdPts |
|--|--------------|-------|--------|
| CE 201 Mechanics of Materials <i>or</i> | 6 <i>or</i> | | |
| CE 204 Mechanics of Materials I <i>and</i> | 3 <i>and</i> | | |
| CE 207 Mechanics of Materials II | 3 | | |
| CE 336 Water Resources Engineering | 4 | | |
| CE 337 Hydraulics Lab | 1 | | |
| CE 381 Geotechnical Engineering | 4 | | |
| CE 434 Groundwater Hydraulics/Hydrol | 3 | | |
| ENVE 111 Intro. To Env. Engr. Prof. | 1 | | |
| ENVE 304 Thermodynamics of Processing | 4 | | |
| ENVE 309 Noise & Vibration Control | 3 | | |
| ENVE 325 Environmental Air Quality | 3 | | |
| ENVE 331 Intro. to Env. Engineering | 4 | | |
| ENVE 411 Air Pollution Control | 3 | | |
| ENVE 416 Environmental Proc Modeling | 4 | | |
| ENVE 421 Mass Transfer Ops | 3 | | |
| ENVE 426 Air Quality Measurements | 3 | | |
| ENVE 434 Water Quality Measurements | 4 | | |
| ENVE 436 Intro Hazard Waste Mgmt | 3 | | |
| ENVE 438 Water/Wastewater Treat Des | 3 | | |
| ENVE 439 Solid Waste Mgmt | 3 | | |
| ENVE 450 Industrial Pollution Prev | 4 | | |
| ENVE 455 Environmental Health/Safety | 4 | | |
| ENVE 466 Senior Project Des Lab | 2 | | |
| ENVE 467 Senior Project Des Lab | 2 | | |
| ¹ Advisor Approved Technical Electives..... | 10 | | |
| | | | |
| | | | |
| | | | |
| | | | |

¹Technical Electives Statement Required

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 |
| PHYS 131 General Physics I (Add'l Area B)*..... | 4 |
| PHYS 132 General Physics II..... | 4 |
| PHYS 133 General Physics III..... | 4 |
| STAT312 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/ 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 SCOM 101/102 | 4 |
| Area B Science and Mathematics (no add'l units req'd) | |
| 28 units are specified in Support | 0 |
| 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