BS BIOMEDICAL ENGINEERING

NAME
STUDENT ID
CONCENTRATION
MINOR

Major GPA at least 2.00 [ ] YES [ ] NO
US Cultural Pluralism Met++ [ ] YES [ ] NO
60 Units Upper Division Met [ ] YES [ ] NO
GWR Met [ ] YES [ ] NO
Upper Div GE Met [ ] YES [ ] NO

*Courses satisfy GE requirement

**Major Courses (67)
ENGR 110 Engineering Sci I 3
BMED 111 Biomed Calculations 3
BMED 212 Intro Biomed Engr Des 3
BMED 310 Biomed Mgmt & Analysis 4
BMED 410 Biomechanics 4
BMED 420 Biomaterials 4
BMED 423 Biomed Engr Transport 4
BMED 430 Biomed Modeling 4
BMED 440 Bioelectron & Instru 4
BMED 450 Special Topics Biomed Engr 4
BMED 455 Biomed Engr Design I 4
BMED 456 Biomed Engr Design II 4
BMED 460 Engineering Physiology 4
Advisor approved technical electives
(300-400 level) 1

**Support Courses (91)
BIO 161 Intro Cell & Molecular Bio (B2/B4)* 4
CHEM 124 or 127 (B3/B4) and 4
CHEM 125 or 128 (Add'l Area B)* 4
ENGL 149 Tech 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
PHYS 141 General Physics 1A 4
PHYS 132 General Physics II 4
PHYS 133 General Physics III 4
Advisor Approved Math & Science electives
Select one course from:
ZOO 331, 332; BIO 432, 433
Select one course from GE B6*:
MATH 344, STAT 312, PHYS 417
Typical remaining course selections include, but are not limited to:
BIO 302 or 303 or 351, 405, 447, 452; CHEM 312, 313, 444, 473; MICRO 221 or 224, 225, 320, 402; ZOO 426.

**Electives...............................................
CE 204 Mechanics of Materials I 3
CSC 101 or CSC 234 3

**Units Required 198

DEGREE DATE
2009-2011

Earned Hours

Quality Hours

Quality Points

GPA

Transfer

Cal Poly

Transcript

Totals

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

GENERAL EDUCATION (GE) 40

Minimum of 8 units required at the 300 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) 28
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
- Maximum 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification

ELECTIVES ................................................................ 0