

BS EARTH SCIENCES

2007-2009

updated 04/12/07

Units Required 180

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 GE Met Taken/Remaining [] YES [] NO
 Free Electives Met [] YES [] NO

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

MAJOR COURSES (123-124)	Units	Grade	GrdPts
ASTRO 101 Intro to the Solar System	4		
BOT 121 General Botany (B2 & B4)*	4		
BOT 326 Plant Ecology	4		
BRAE 237 Intro to Engineering Surveying	2		
CHEM 127 General Chemistry (B3/B4)*	4		
CHEM 128 General Chemistry (B3/B4)*	4		
ERSC 144 Introduction to Earth Systems	4		
ERSC/GEOG 250 Physical Geography	4		
ERSC/GEOG 333 Human Impact Earth	4		
ERSC/GEOG 414 Glob & Reg Climatology	4		
ERSC/SS 110 Orientation Earth & Soil Sci	1		
ERSC 223 Rocks & Minerals	4		
ERSC 323 Geomorphology	4		
ERSC 461 Senior Project I	1		
ERSC 462 Senior Project II	3		
FNR/LA 318 Applications in GIS	3		
GEOG 328 Apps in Remote Sensing	4		
GEOL 201 Physical Geology	3		
GEOL 241 Physical Geology Lab	1		
GEOL 415 Structural Geology	4		
PSC 201 Intro to Physical Oceanography	4		
SS 121 Intro Soil Science	4		
SS 321 Soil Morphology	4		
STAT 218 Applied Stats/Life Sciences (B1)*	4		
Concentration courses (see reverse; 4 units B1)*	41-42		
GPA Total from Major			
GPA Total from Concentration			
GPA Total			

GENERAL EDUCATION (GE) 56

72 units required; 20 units are in Major.

→Minimum of 12 units required at the 300-400 level.

Area A Communication units) 12

A1 ENGL 133/134	4
A2 SCOM 101/102	4
A3 Reasoning, Argumentation, and Writing	4

Area B Science and Mathematics (in Major/Support) 0

Area C Arts and Humanities 20

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

Area D/E Society and the Individual 20

D1 Amer Experience (40404)	4
D2 Political Economy	4
D3 Comp Social Institutions	4
D4 Self Develop (CSU Area E)	4
D5 Upper-division elective	4

Area F Technology (upper div) 4

(BRAE 340 recommended for Geosciences Teaching Concentration)

Additional GE Units Required

O = Work in progress	@ = possible credit by Department review
() = not allowed for degree credit	# = GE Certification

ELECTIVES..... 0-1

CONCENTRATIONS (select one):

Environment Interpretation & Assessment Concentration (42)

Units Grade GrdPts

CRP 420 Land Use Law	4		
ERSC 202 Soil Erosion & Water Conser ...	4		
ERSC/GEOG 325 Climate & Humanity	4		
ERSC 463 Undergraduate Seminar	2		
GEOG 301 Geog of Res Utilization	4		
MATH 118 Pre-Calculus Algebra (B1)*...	4		
MATH 119 Pre-Calculus Trigonometry ...	4		
PHYS 121 College Physics I	4		
Restricted electives.....	12		
GPA TOTALS.....			

Geosciences Teaching Concen (41-42)

Units Grade GrdPts

ASTR 102 Intro to the Stars & Galaxies ...	4		
BIO 113 Animal Diversity & Ecology	4		
EDUC 300 Intro to Teaching Profession...	3		
GEOG 301 Geo of Resource Utilization ...	4		
GEOG 325 Climate and Humanity.....	4		
GEOLOG 203 Fossils & the History of Life ...	4		
GEOLOG 204 Geologic History of Cali.....	3		
MATH 118 Pre-Calculus Algebra.....	4		
MATH 119 Pre-Calculus Trigonometry....	4		
PHYS 121 College Physics I.....	4		
PSC 424 or EDUC 480	4/3		
GPA TOTALS.....			

Land & Water Resources Conc. (42)

Units Grade GrdPts

ERSC 202 Soil Erosion & Water Conser ..	4		
ERSC 463 Undergraduate Seminar	2		
BRAE 415 Hydrology	4		
CHEM 129 General Chemistry	4		
MATH 141 Calculus I (B1)*.....	4		
MATH 142 Calculus II (B1)*	4		
PHYS 141 General Physics IA.....	4		
PHYS 132 General Physics II	4		
Restricted electives.....	12		
GPA TOTALS.....			

Individualized Course of Study (42)

Units Grade GrdPts

ERSC 463 Undergraduate Seminar	2		
MATH 118 Pre-Calculus Algebra (B1)*...	4		
MATH 119 Pre-Calculus Trigonometry....	4		
PHYS 121 College Physics I.....	4		
Restricted electives (minimum 18 units at 300-400 level)	28		
GPA TOTALS.....			