

BS EARTH SCIENCES

2005-2007

updated 08/05

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 GEB 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 (124)	Units	Grade	GrdPts
AG 360 Holistic Mgt (Area F)*	4		
BOT 121 Gen Bot (B2 & B4)*	4		
BOT 326/ FNR 306	4		
BOT 333 Field Botany	4		
BRAE 237 Engr Survey I	2		
CHEM 127 Gen Chem (B3/B4)*	4		
CHEM 128 Gen Chem (B3/B4)*	4		
ERSC 144 Intro to Earth Systems	4		
ERSC/GEOG 250 Phys Geog	4		
ERSC/GEOG 333 Human Impact Earth	4		
ERSC/GEOG 414 Climatology	4		
ERSC/SS 110 Orientation to Soil Sci	1		
ERSC/SS 223 Rocks & Minerals	4		
ERSC/SS 321 Soil Morphology	4		
ERSC/SS 323 Geomorphology	4		
ERSC/SS 461 Senior Project	1		
ERSC/SS 462 Senior Project	3		
ERSC/SS 463 Undergraduate Seminar	2		
FNR/GEOG/LA 318 GIS	3		
GEOG 328 Geog Apps in Remote Sensings	4		
GEOL 201 Physical Geol	3		
GEOL 241 Phys Geology Lab	1		
GEOL/ERSC 401 Field Geol Mthds	4		
SS 121 Intro Soil Science	4		
STAT 218 (B1)*	4		
Concentration courses (see reverse; 4 units B1)*	40		
GPA Total from Major			
GPA Total from Concentration			
GPA Total			

GENERAL EDUCATION (GE)

52

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) in Major

0

Additional GE Units Required

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

ELECTIVES **4**

CONCENTRATIONS (select one):

Environment Interpretation & Assessment Concentration (40)

Units Grade GrdPts

ERSC/GEOG 325 Climate & Humanity ...	4		
FNR 416 Environ Impact Analysis/Mgt ...	4		
GEOG 301 Geog of Res Utilization	4		
MATH 118 Pre-Calculus Algebra (B1)*...	4		
MATH 119 Pre-Calculus Trigonometry ...	4		
PHYS 121 College Physics	4		
Select 16 units from the following.....	16		
GEOG 150, GEOG 340, ERSC/SS 202, CRP 420, FNR/CRP 404, FNR/CRP 408, FNR 425, SS 433			
GPA TOTALS			

Land & Water Resources Conc (40)

Units Grade GrdPts

BRAE 415 Hydrology	4		
CHEM 129 Gen Chem.....	4		
MATH 141 Calculus I (B1)*	4		
MATH 142 Calculus II (B1)*.....	4		
PHYS 131/141 Gen Physics	4		
PHYS 132 Gen Physics	4		
Select 16 units from the following	16		
ANT 309, 310, ERSC/SS 202, FNR 419, GEOL/ERSC 402, SS/BIO/FNR 421, SS 431, SS432			
GPA TOTALS			

Individualized Course of Study (ICS)(40)

Units Grade GrdPts

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