

BS AGRICULTURAL SYSTEMS MANAGEMENT

2007-2009

updated 04/23/07

Units Required 183

NAME _____
 STUDENT ID _____
 CONCENTRATION _____
 MINOR _____

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				
			≤ Units 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 Taken/Remaining [] YES [] NO
 GWR Met [] YES [] NO
 Upper Div GE Met Taken/Remaining [] YES [] NO
 Free Electives Met [] YES [] NO

*=Courses satisfy GE requirement

MAJOR COURSES (81-83)	Units	Grade	GrdPts
BRAE 128 Careers in Biores/Agric Engr	2		
BRAE 129 Lab Skills and Safety	1		
BRAE 133 Engineering Design Graphics	2		
BRAE 141 Ag Machinery Safety	3		
BRAE 142 Ag Power and Machinery Mgt	4		
BRAE 151 CAD for Ag Engineering	1		
BRAE 203 Ag Systems Analysis	3		
BRAE 237/ 239	2/4		
BRAE 301 Hydraul/Mech Power Sys	4		
BRAE 321 Ag Safety	3		
BRAE 324 Prin Ag Electrification	4		
BRAE 340 Irrig Water Mgt	4		
BRAE 342 Ag Materials	4		
BRAE 343 Mech Systems Analysis	4		
BRAE 348 Energy Sustain Society (Area F)*	4		
BRAE 418 Ag Sys Mgmt I	4		
BRAE 419 Ag Sys Mgmt II	4		
BRAE 425 Comp Controls for Agriculture	3		
BRAE 432 Ag Buildings	4		
BRAE 460 Sr Project Organization	1		
BRAE 461 Senior Project I	2		
BRAE 462 Senior Project II	2		
Advisor approved electives	16		
<i>Select from: plant production, livestock production, food processing, environ info mgt, water/irrigation, agricultural waste mgt, process and manufacturing, or teaching agriculture</i>			

GENERAL EDUCATION (GE) (52)

72 units required; 16 units are in Support.

→Minimum of 12 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	4
B2 Life Science.....	4
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 American 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)	0
Additional GE Units Required	

SUPPORT COURSES (50-51)

AGB 212 Ag Economics	4
AGB 301 Food & Fiber Marketing.....	4
AGB 310 Agbus Credit & Finance.....	4
AGB 401 Managing Culture Diversity in Ag Labor	4
BUS 212/ AGB 321	4
AG 250/CSC 110/ CSC 113/CSC 232.....	3
CHEM 110 or CHEM 111 (B3 & B4)*	4/5
ENGL 148 Reasoning, Argument, and Prof Writing (A3)	4
MATH 118 Pre-Calc Algebra (B1)*.....	4
MATH 119 Pre-Calc Trig (B1)*.....	4
PHYS 121 College Physics I	4
SS 121 Introductory Soil Science	4
Animal or plant production course.....	3

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

ELECTIVES **0**