

2011-2012 DEGREE WORKSHEET - BIOENGINEERING

Lower Division Requirements

Course	Semester Completed	Grade	Units
Math 1A			
Math 1B			
Math 53			
Math 54			
Physics 7A			
Physics 7B			
Chem 1A/1AL (or 4A)			
Chem 3A or 112A			
Chem 3AL			
Biology 1A/1AL			
E 10 or BioE 10			
E 7 or CS 61A			
BioE 24 or 25			1
BioE 24 or 25			1

Engineering Biology Preparation: 2 courses

Course	Semester Completed	Grade	Units

Bioengineering Fundamentals: 2 courses

Course	Semester Completed	Grade	Units

Engineering Topics: 2 courses

Course	Semester Completed	Grade	Units

Bioengineering Lab Course: 1 class

Course	Semester Completed	Grade	Units

Bioengineering Topics: 2 courses

Course	Semester Completed	Grade	Units

Technical Electives: 3 courses

Course	Semester Completed	Grade	Units

Upper Division Biology Elective: 1 class

Course	Semester Completed	Grade	Units

Bioengineering Design Project or Research: 1 class

Course	Semester Completed	Grade	Units

Humanities/Social Studies Requirement: 6 courses

+ Must include one course with ethics content. This may be fulfilled within the Hum/SS requirement by taking a course from the approved list. R & C "A" and "B" MUST be completed by the end of the sophomore year.

Requirement	Course Taken & When	Grade
R & C A		
R & C B		
3.		
4		
5.		
6.		

- Ethics Content _____ Series _____
 Upper Division 1 _____ Upper Division 2 _____

University Requirements: 4 courses

Course	X		X
Entry Level Writing		American Institutions	
American History		American Cultures	

45 Units of Engineering:

+Courses used to fulfill this requirement must appear on the BioE Topics or Engineering Topics Lists

COMPLETED	NEEDS

42 Upper Division Courses:

+These units come from courses on any list other than Ethics

COMPLETED	NEEDS

22 Upper Division units in Bioengineering Courses:

COMPLETED	NEEDS

Total Unit Requirement: Minimum of 120 units

+ This is the number on your UC transcript minus any units for duplication of work. For example, If you took Chem 1A and also received units for AP Chem, you need to subtract the AP units from your total.

COMPLETED	NEEDS