

# 2008-2011 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 (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.

Requirement	Course Taken & When	Grade
R & C 1		
R & C 2		
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