

**BRIGHAM YOUNG UNIVERSITY-HAWAII**  
**Biochemistry and Physical Sciences Department**

**Biochemistry Major Requirements**  
**2005-2006**

STUDENT: \_\_\_\_\_ ID#: \_\_\_\_\_ GRAD. DATE: \_\_\_\_\_

Revised 2/06

<b>BIOCHEMISTRY</b>						
<b>***No credit of less than C- in any CHEM/BIOL course is counted toward graduation***</b>						
<b>COURSE#</b>	<b>CR</b>	<b>DESCRIPTION</b>	<b>PREREQ.</b>	<b>TAUGHT</b>	<b>TAKEN</b>	<b>GRADE</b>
<b>CHEMISTRY CORE</b>						
CHEM 105, 105L	4	General Chemistry I/Lab	Math 110 or concurrent enrollment	F,W		
CHEM 106, 106L	4	General Chemistry II/Lab	CHEM 105, 105L	W,Sp		
CHEM 251, 251L	4	Organic Chemistry I/Lab	CHEM 106, 106L	F		
CHEM 252, 252L	4	Organic Chemistry II/Lab	CHEM 251, 251L	W		
CHEM 295	3	Organic Spectroscopy	CHEM 252	S		
CHEM326, 326L	4	Analytical Chemistry/Lab	CHEM 106, 106L	Even F		
CHEM 381, 381L	4	Biochemistry I	CHEM 252, 252L	F		
CHEM 382, 382L	4	Biochemistry II/Lab	CHEM 381, 381L	W		
CHEM 468, 468L	4	Physical Biochemistry/Lab	CHEM 382, 382L	Odd Sp		
CHEM 491	1	Undergraduate Research	JR/SR Status	F		
CHEM 492	1	Undergraduate Research	CHEM 491	W		
CHEM 493	1	Undergraduate Research	CHEM 492	F		
CHEM 494	1	Undergraduate Research	CHEM 493	W		

<b>SUPPORTING BIOLOGY COURSES: 8 Credit Hours</b>						
BIOL 265, 265L	4	Molecular & Cellular	CHEM 105/105L	F,Sp		
BIOL 441, 441L	4	Molecular Biology/Lab	BIOL 220 or CHEM 381	W		

<b>BIOLOGY/CHEMISTRY ELECTIVES: (Select 8 credits from list)</b>						
BOL 376, 376L	4	Genetics/Lab	BIOL 220	F		
BIOL 383, 383L	4	Histology & Dev. Biology	BIOL 265/L	W		
BIOL 445, 445L	4	Immunology	BIOL 220	F		
BIOL 465, 465L	4	Principles of Physiology/Lab	CHEM 101 or 105	W		

<b>Recommended Classes: Preparation for Graduate Entrance Exams and Admissions Prerequisites</b>						
Math 112	5	Calculus I	Math 111	F,W,SP		
Math 113	5	Calculus II	Math 112	F,W		
Physics 121/L	4	General Physics I/Lab	Math 111 and 112	F		
Physics 122/L	4	General Physics II/Lab	Physics 121/L	W		

\_\_\_\_\_  
**Academic Advisor/Date**

\_\_\_\_\_  
**Biochemistry Chair/Date**