

**A minimum of 125 credits is needed for graduation (or 127 if MA 011 is taken).  
This major requires a minimum of 80 credits. Some major courses may also fulfill Core Requirements.**

Requirements for B. S. Degree  
**Major in BIOCHEMISTRY - PREMED**  
Academic Year 2009 – 2010

Name: \_\_\_\_\_

Advisor: \_\_\_\_\_

CHEMISTRY DEPARTMENT REQUIRED			Credits	Grade	Term
CH	105	Fundamentals of Chemistry: Intro to Molec Sci	4.00	_____	_____
CH	113	Organic Chemistry I	4.00	_____	_____
CH	114	Organic Chemistry II	4.00	_____	_____
CH	201	Laboratory Methods in Chemistry	1.00	_____	_____
CH	214	Chemical Instrumentation	4.00	_____	_____
CH	242	Physical Inorganic Chemistry	4.00	_____	_____
CH	323	Biochemistry I	3.00	_____	_____
CH	324	Biochemistry II	3.00	_____	_____
CH	326	Techniques of Biochemistry I	2.00	_____	_____
CH	327	Techniques of Biochemistry II	2.00	_____	_____
CH	343	Atomic Structure	3.00	_____	_____
CH	344	Molecular Structure & Mechanics	3.00	_____	_____
CH	353	Advanced Laboratory I	3.00	_____	_____
CH	361	Chemistry Seminar I	0.00	_____	_____
CH	362	Chemistry Seminar II	1.00	_____	_____
CH	461	Chemistry Seminar III	0.00	_____	_____
CH	462	Chemistry Seminar IV	1.00	_____	_____

CH491, 492, or 496 Research in Chemistry or Independent Problems in Chemistry (4 Credits)

CH	_____	_____	_____	_____	_____
CH	_____	_____	_____	_____	_____

**BIOLOGY DEPARTMENT**

BIO	111	Introduction to Biological Science I	4.00	_____	_____
BIO	112	Introduction to Biological Science II	4.00	_____	_____
BIO	324	General Physiology	3.00	_____	_____
BIO	324L	General Physiology Laboratory	1.00	_____	_____

Three credits of Biology (emphasis on genetics)

BIO	_____	_____	3/4	_____	_____
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Three credits in Biology or Chemistry (BIO/CH)

_____	_____	_____	3/4	_____	_____
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**MATHEMATICS DEPARTMENT**

MA	121	Calculus I	4.00	_____	_____
MA	122	Calculus II	4.00	_____	_____

**PHYSICS DEPARTMENT**

PHY	200	College Physics I	4.00	_____	_____
PHY	201	College Physics II	4.00	_____	_____