

**A minimum of 125 credits is needed for graduation (or 127 if MA 011 is taken).  
This major requires a minimum of 71 credits. Some major courses may also fulfill Core Requirements.**

Requirements for B. S. Degree  
**Major in CHEMISTRY – CHEMICAL PHYSICS**  
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	Lab Methods in Chemistry	1.00	_____	_____
CH	214	Chemical Instrumentation	4.00	_____	_____
CH	242	Physical Inorganic Chemistry	4.00	_____	_____
CH	343	Atomic Structure	3.00	_____	_____
CH	344	Molecular Structure & Mechanics	3.00	_____	_____
CH	353	Advanced Chemistry Lab I	3.00	_____	_____
CH	354	Advanced Chemistry Lab II	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	_____	_____
Take CH 491, 492 or 496 (Minimum of 4 credits)					
CH	_____	Research or Independent Problems	_____	_____	_____
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Three courses from the approved list of Chemistry, Physics and Mathematics (Minimum of 8 credits)					
CH 402, 414, 421 two credits from CH491, 492, or 496; MA 362; or any 300-400 Level Physics Course					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
PHY	200	College Physics I	4.00	_____	_____
PHY	201	College Physics II	4.00	_____	_____
PHY	202	College Physics III	4.00	_____	_____
MA	121	Calculus I	4.00	_____	_____
MA	122	Calculus II	4.00	_____	_____
MA	222	Calculus III	4.00	_____	_____