

Name: _____

CHEMISTRY

MAJOR REQUIREMENTS 2005-2010

Courses may be counted toward both Major and General Requirements. However, no course may fulfill two categories of General Requirements. (If you use any course for both Major and General Requirements, be sure to count the credits only ONCE toward the degree total.)

GRADE REQUIREMENT: C OR BETTER IN AT LEAST TEN OF THE 3 OR 4 CREDIT CHEMISTRY AND BIOCHEMISTRY COURSES.

<u>COURSES REQUIRED</u>	<u>MINIMUM CREDITS</u>	<u>COURSES COMPLETED Subj.#: Course #</u>	<u>COMPLETED CREDITS SEM/YR</u>	<u>OFFICE SENIOR REVIEW</u>
CHEMICAL PRINCIPLES I and LAB	3,1	160:115,125	_____	_____
CHEMICAL PRINCIPLES II and LAB	3,1	160:116, 126	_____	_____
ANALYTICAL CHEMISTRY and LAB	3,1	160:325,329	_____	_____
INSTRUMENTAL ANALYSIS and LAB	3,1	160:326, 330	_____	_____
ORGANIC CHEMISTRY I and LAB	4,1	160:335,339	_____	_____
ORGANIC CHEMISTRY II and LAB	4,1	160:336, 340	_____	_____
STRUCTURE AND BONDING	3	160:343	_____	_____
PHYSICAL CHEMISTRY I and LAB	3,1	160:345,347	_____	_____
PHYSICAL CHEMISTRY II and LAB	3,1	160:346,348	_____	_____
CHEMISTRY SEMINAR	2	160:491,492	_____	_____
<u>SELECT TWO ADDITIONAL COURSES FROM:</u>				
GENERAL BIOCHEMISTRY I, II	3,3	115:403,404	_____	_____
CHEMISTRY COURSES NUMBERED 413 THROUGH 448 AND GRADUATE COURSES 56:160:500+	3 OR 4	160:_____	_____	_____
<u>ADVANCED LABORATORY (If not included above), SELECT ONE FROM:</u>				
GENERAL BIOCHEMISTRY LAB	1	115:407	_____	_____
INORGANIC CHEMISTRY LAB	1	160:412	_____	_____
SOLID STATE CHEMISTRY LAB	1	160:438	_____	_____
POLYMER CHEMISTRY LAB	1	160:446	_____	_____
RESEARCH IN CHEMISTRY	BA	160:495 or 496	_____	_____
<u>NOTE:</u> A lab from a 4 credit advanced course such as 160:415 or 160:448 will also satisfy this requirement.				
<u>COURSES REQUIRED OUTSIDE MAJOR:</u>				
UNIFIED CALCULUS I, II, III	12	640:121-122-221	_____	_____
LINEAR ALGEBRA	3	640:250	_____	_____
DIFFERENTIAL EQUATIONS	3	640:314	_____	_____
PHYSICS I and LAB (prefer 750:131, 133; or 750:203,205)	3,1	750:_____	_____	_____
PHYSICS II and LAB (prefer 750:132, 134; or 750:204,206)	3,1	750:_____	_____	_____

TO QUALIFY FOR AMERICAN CHEMICAL SOCIETY CERTIFICATION CONSULT THE CATALOG

TOTAL CREDITS FOR CHEMISTRY MAJOR 72

TOTAL DEGREE CREDITS REQUIRED : 120

TOTAL CREDITS COMPLETED: _____

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: _____

DATE OF REVIEW: _____

C=Complete

YOUR SIGNATURE & DATE: _____

2008 - 2010