

Name: _____

CHEMISTRY

MAJOR REQUIREMENTS 2005-2014

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.

| COURSES REQUIRED | MINIMUM CREDITS | COURSES COMPLETED Subj.#: Course # | COMPLETED CREDITS SEM/YR | OFFICE SENIOR REVIEW |
|---|-----------------|---------------------------------------|--------------------------|----------------------|
| 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 | _____ | _____ |
| COMPETENCE IN CHEMISTRY | 2 | 160:491,492 | _____ | _____ |
| SELECT TWO ADDITIONAL COURSES FROM: | | | | |
| 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:_____ | _____ | _____ |
| ADVANCED LABORATORY (If not included above), SELECT ONE FROM: | | | | |
| 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 | _____ | _____ |
| NOTE: A lab from a 4 credit advanced course such as 160:415 or 160:448 will also satisfy this requirement. | | | | |
| COURSES REQUIRED OUTSIDE MAJOR: | | | | |
| 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 - 2013

