

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

**CHEMISTRY**

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**MAJOR REQUIREMENTS 2005-2008**

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</u><br><u>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   | 3,1                    | 160:335,339  | ___                             | ___ | ___                         |
| ORGANIC CHEMISTRY II and LAB  | 3,1                    | 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  | ___                             | ___ | ___                         |
| <b><u>SELECT TWO ADDITIONAL COURSES FROM:</u></b>                                 |                        |  |                                 |     |                             |
| GENERAL BIOCHEMISTRY I, II  | 3,3                    | 115:403,404  | ___                             | ___ | ___                         |
| CHEMISTRY COURSES NUMBERED 413 THROUGH 448  | 3 OR 4                 | 160:_____  | ___                             | ___ | ___                         |
| <b><u>ADVANCED LABORATORY (If not included above), SELECT ONE FROM:</u></b>       |                        |  |                                 |     |                             |
| 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  | ___                             | ___ | ___                         |
| <b><u>COURSES REQUIRED OUTSIDE MAJOR:</u></b>                                     |                        |  |                                 |     |                             |
| UNIFIED CALCULUS I, II, III   | 12                     | 640:121-122-221                                      | ___                             | ___ | ___                         |
| LINEAR ALGEBRA  | 3                      | 640:250  | ___                             | ___ | ___                         |
| DIFFERENTIAL EQUATIONS 640:314 (preferred) or FOUNDATIONS OF APPLIED MATH 640:363 | 3                      | 640:_____  | ___                             | ___ | ___                         |
| 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 DEGREE CREDITS REQUIRED : 120      TOTAL CREDITS COMPLETED: \_\_\_\_\_**

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: \_\_\_\_\_

DATE OF REVIEW: \_\_\_\_\_

C=Complete

YOUR SIGNATURE & DATE: \_\_\_\_\_

2005 - 2008