

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

**CHEMISTRY - BIOCHEMISTRY OPTION**

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**MAJOR REQUIREMENTS 2008 - 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.)

| <u>COURSES REQUIRED</u>   | <u>MINIMUM CREDITS</u> | <u>COURSES COMPLETED<br/>Subj. #: Course #</u> | <u>COMPLETED<br/>CREDITS SEM/YR</u> | <u>OFFICE<br/>SENIOR<br/>REVIEW</u> |
|---|------------------------|--|-------------------------------------|-------------------------------------|
| CHEMICAL PRINCIPLES I and LAB   | 3,1                    | 160:115, 125                                   | _____                               | _____                               |
| CHEMICAL PRINCIPLES II and LAB  | 3,1                    | 160:116, 126                                   | _____                               | _____                               |
| 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                                   | _____                               | _____                               |
| PHYSICAL CHEMISTRY I and LAB  | 3,1                    | 160:345, 347                                   | _____                               | _____                               |
| PHYSICAL CHEMISTRY II and LAB   | 3,1                    | 160:346, 348                                   | _____                               | _____                               |
| CHEMISTRY SEMINAR   | 1                      | 160:491 or 492                                 | _____                               | _____                               |
| GENERAL BIOCHEMISTRY I and LAB  | 3,1                    | 115:403, 407                                   | _____                               | _____                               |
| GENERAL BIOCHEMISTRY LAB II and LAB                                       | 3,1                    | 115:404, 408                                   | _____                               | _____                               |
| <b><u>COURSES OUTSIDE THE DEPARTMENT</u></b>                              |                        |  |                                     |                                     |
| GENERAL BIOLOGY I and II and LABS   | 3,1;4                  | 120:101, 107; 102                              | _____                               | _____                               |
| MOLECULAR BIOLOGY   | 3                      | 120:305  | _____                               | _____                               |
| UNIFIED CALCULUS I  | 4                      | 640:121  | _____                               | _____                               |
| UNIFIED CALCULUS II   | 4                      | 640:122  | _____                               | _____                               |
| PHYSICS I and LAB (750:131, 133, preferred or 750:203, 205)               | 3,1                    | 750:   | _____                               | _____                               |
| PHYSICS II and LAB (750:132, 134, preferred or 750:204, 206)              | 3,1                    | 750:   | _____                               | _____                               |
| <b><u>CHOOSE FROM EITHER:</u></b>   |                        |  |                                     |                                     |
| TWO ADVANCED CHEMISTRY COURSES FROM                                       | 3                      | _____  | _____                               | _____                               |
| 50:160:343, 50:160:435, 56:160:509, 56:160:510                            | 3                      | _____  | _____                               | _____                               |
| OR ONE ADVANCED CHEMISTRY COURSE AND ONE ADVANCED BIOLOGY COURSE FROM     | 3                      | _____  | _____                               | _____                               |
| 50:120:307 with 308, 50:120:338 with 339, 50:120:341 with 342, 50:120:480 | 3                      | _____  | _____                               | _____                               |
| <b><u>RECOMMENDED FOR STUDENTS CONSIDERING GRADUATE SCHOOL</u></b>        |                        |  |                                     |                                     |
| INTRODUCTION TO STATISTICS I and II                                       | 6                      | 960:283-284                                    | _____                               | _____                               |

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| <b>GRADE REQUIREMENT: Grade of "C" or better in at least ten 160 and 115 chemistry/biochemistry courses or biology 120 electives is required.</b> |
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Minimum Total Credits 72 Actual Credits Completed \_\_\_\_\_TOTAL DEGREE CREDITS REQUIRED : 120

TOTAL CREDITS COMPLETED: \_\_\_\_\_

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

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

C=Complete

YOUR SIGNATURE &amp; DATE: \_\_\_\_\_

2008 - 2010