

Name: _____

BIOLOGY MAJOR REQUIREMENTS 2007 - 2009 (Simplified form)

| <u>A. COURSES REQUIRED</u> | <u>MINIMUM CREDITS</u> | <u>COURSES COMPLETED</u> <u>Subj.#: Course #</u> | <u>COMPLETED CREDITS SEM/YR</u> | | <u>OFFICE SENIOR REVIEW</u> |
|---|------------------------|---|---------------------------------|-------|-----------------------------|
| GENERAL BIOLOGY I & II, with lab | 8 | 120:101,107 & 120:102,108 | _____ | _____ | _____ |
| <i>Either</i> CALCULUS FOR BUSINESS, ECON, & LIFE SCI | 3 | 640:130 | _____ | _____ | _____ |
| <i>or</i> UNIFIED CALCULUS | 4 | 640:121 | _____ | _____ | _____ |
| CHEMICAL PRINCIPLES I & II, with lab | 8 | 160:115, 125 & 160:116, 126 | _____ | _____ | _____ |
| ORGANIC CHEMISTRY I & II, with lab | 8 | 160:335, 339 & 160:336, 340 | _____ | _____ | _____ |
| <i>Either</i> GENERAL PHYSICS I & II, with lab | 8 | 750:203, 205 & 750:204, 206 | _____ | _____ | _____ |
| <i>or</i> ELEMENTS OF PHYSICS I & II, with lab | 8 | 750:131, 133 & 750:132, 134 | _____ | _____ | _____ |
| GENETICS, with lab | 4 | 120:307, 308 | _____ | _____ | _____ |
| MOLECULAR BIOLOGY, with lab | 4 | 120: 305, 306 | _____ | _____ | _____ |
| <i>Either</i> GENERAL PHYSIOLOGY, with lab | 4 | 760:301, 302 | _____ | _____ | _____ |
| <i>or</i> PLANT PHYSIOLOGY, with lab | 4 | 780:301, 302 | _____ | _____ | _____ |
| <i>Either</i> VERTEBRATE EMBRYOLOGY, with lab | 4 | 990:304, 310 | _____ | _____ | _____ |
| <i>or</i> DEVELOPMENTAL BOTANY, with lab | 4 | 130:310 | _____ | _____ | _____ |
| <i>Either</i> GENERAL ECOLOGY, with lab | 4 | 120:351, 353 | _____ | _____ | _____ |
| <i>or</i> ECOLOGY OF SOIL ORGANISMS, with lab | 4 | 120:422 | _____ | _____ | _____ |

B. BIOLOGY ELECTIVES

A student must select four courses (either 3-credit or 4-credit courses) at the 300-level or above from among the courses listed under BIOCHEMISTRY or BIOLOGICAL SCIENCES in the catalog (i.e., courses listed under BIOCHEMISTRY, BIOLOGY, BOTANY, MICROBIOLOGY, PHYSIOLOGY, PLANT PHYSIOLOGY, and ZOOLOGY), with the exception of Pathophysiology (990:357) which cannot be used as a biology elective.

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C. GENERAL CURRICULAR REQUIREMENTS

All students must also complete the College's General Curricular Requirements. Any two science courses taken for the biology major may be used to satisfy the College's two-semester General Curricular Requirement for natural science. Similarly, the calculus course taken for the biology major may also be used to satisfy one semester of the College's two-semester General Curricular Requirement for Quantitative Skills. However, the credits may be counted only once in terms of meeting the 120 credit minimum for graduation.

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: _____

DATE OF REVIEW: _____

YOUR SIGNATURE & DATE: _____