

# BIOLOGY MAJOR

## Pre-Health Program (UBIP -- Major and Related Courses -- 17)

**DOMAIN GENERAL EDUCATION (10 Courses Required):**  
 Domain II B is satisfied through completion of the Biology major, leaving ten courses to be completed to satisfy the remaining general education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet general education requirements. Please refer to the catalog for complete information.

| <u>COURSE #</u> | <u>TITLE</u>                   | <u>SUBDOMAINS</u> |
|-----------------|--------------------------------|-------------------|
|                 |                                | <u>MET</u>        |
| <u>MATH 200</u> | <u>Precalculus</u>             | <u>CCB</u>        |
| <u>CHEM 107</u> | <u>Principles of Chemistry</u> | <u>2B</u>         |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |
|                 |                                |                   |

**Domain General Education Subdomains**  
 (check off as completed):

|              |  |            |
|--------------|--|------------|
| Common Core: | A. ENGL 110 Expository Writing             | _____      |
|              | B. MATH XXX (credit-bearing)               | _____      |
| Domain I:    | A. Creative Arts                           | _____      |
|              | B. Humanities                              | _____      |
|              | C. Language                                | _____      |
| Domain II:   | A. Analysis, Modeling, Problem-Solving     | _____      |
|              | B. Natural Sciences (two)                  | X<br>_____ |
| Domain III:  | A. Perspectives on the Past                | _____      |
|              | B. Perspectives on Contemp. World          | _____      |
|              | C. Global Comp., Eth. Reas.,<br>Human Div. | _____      |
| _____        | Laboratory Science                         | _____      |

X = Fulfilled through major

|                 |  |
|-----------------|--|
| <u>BIOL 160</u> | <u>Introduction to Organismal Biology</u>                |
| <u>BIOL 161</u> | <u>Intro. to Cellular and Molecular Biology</u>          |
| <u>BIOL 208</u> | <u>Genetics</u>  |
| <u>BIOL 260</u> | <u>Cell Biology</u>                                      |
| <u>BIOL 308</u> | <u>Reading &amp; Analysis of Biological Lit (0.5)</u>    |
| <u>BIOL 318</u> | <u>Writing for the Biological Sciences (0.5)</u>         |
| <u>BIOL 402</u> | <u>Processes of Organic Evolution</u>                    |
| <u>BIOL 460</u> | <u>Research Experience in Biology</u>                    |
| <u>CHEM 108</u> | <u>Principles of Chemistry and Quantitative Analysis</u> |
| <u>CHEM 207</u> | <u>Organic Chemistry I</u>                               |
| <u>MATH 208</u> | <u>Biostatistics OR</u>                                  |
|                 | <u>ENVS 202 Data Analysis for Scientists</u>             |

7 courses dependent upon the given profession of interest

BIOL 224 Animal Phys Ecol & BIOL 233 Comp Vert Anat OR  
BIOL 241 Hum Anat & Phys1 & BIOL 242 Human Anat & Phys2

and

CHEM 300 Prin of Biochem and 4 courses from restricted list OR  
CHEM 208 Org Chem2 & CHEM 301 Biochem 1 & 3 courses  
from restricted list (see catalog for detailed list)

**FREE ELECTIVES (5):**

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |