

# BIOLOGY MAJOR

## UBIG -- MAJOR AND RELATED COURSES (18)

**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.

| <u>COURSE #</u> | <u>TITLE</u>                   | <u>SUBDOMAINS</u> |
|-----------------|--------------------------------|-------------------|
| <u>MATH 180</u> | <u>Precalculus</u>             | <u>MET</u>        |
| <u>CHEM 107</u> | <u>Principles of Chemistry</u> | <u>CCB</u>        |
| _____           | _____                          | <u>2B</u>         |
| _____           | _____                          | _____             |
| _____           | _____                          | _____             |
| _____           | _____                          | _____             |
| _____           | _____                          | _____             |
| _____           | _____                          | _____             |
| _____           | _____                          | _____             |
| _____           | _____                          | _____             |

**Domain General Education Subdomains**

|              |  |       |
|--------------|--|-------|
| 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     |
| Domain III:  | A. Perspectives on the Past            | _____ |
|              | B. Perspectives on Contemp. World      | _____ |
|              | C. Global Comp., Eth. Reas., Div.      | _____ |

\_\_\_\_\_ Laboratory Science X = Fulfilled through major

| <u>COURSE #</u> | <u>COURSE TITLE</u>  |
|-----------------|--|
| <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 230</u> | <u>Professional Communication in Biology</u>               |
| <u>BIOL 262</u> | <u>Molecular Biology</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 &amp; 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>               |

Six (6) additional Biology electives (one course must focus on plants and one on animals):

|             |  |
|-------------|--|
| <u>BIOL</u> | <u>(1) course from Group A (see catalog)</u>           |
| <u>BIOL</u> | <u>(1) course from Group B (see catalog)</u>           |
| <u>BIOL</u> | <u>(1) Physiology course from Group C (restricted)</u> |
| <u>BIOL</u> | <u>(1) course from Group D (restricted)</u>            |
| <u>BIOL</u> | <u>Two (2) additional</u>                              |
| <u>BIOL</u> | <u>courses from Groups A-E (see catalog)</u>           |

**FREE ELECTIVES (4):**

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