



### FOUR-YEAR PROGRAM COMPLETION PLAN

#### Department of Biology

-- Domain General Education courses and open electives may be taken in any semester and in any order, except for Common Core Domain requirements, which must be taken during Year One.

--Refer to your Degree Audit for specific course requirements.

#### Recommended Schedule for Bachelor of Science: Major in Biology, Concentration in Pre-Health Program (UBIP):

| Year One: Fall Semester                     | Year One: Spring Semester                                  |
|---|--|
| BIOL 160 Introduction to Organismal Biology | BIOL 161 Introduction to Cellular and Molecular Biology    |
| CHEM107 Principles of Chemistry             | CHEM 108 Principles of Chemistry and Quantitative Analysis |
| MATH 123 College Algebra (if needed)        | MATH 200 Precalculus                                       |
| ENGL 110 Expository Writing                 | Domain General Education Course                            |

| Year Two: Fall Semester                              | Year Two: Spring Semester                          |
|--|--|
| CHEM 207 Organic Chemistry I                         | BIOL 260 Cell Biology                              |
| MATH 219 Calculus (if required) or Specific Elective | BIOL 308 Reading Analysis of Biological Literature |
| BIOL 308 Reading Analysis of Biological Literature   | Chemistry or Biology Elective                      |
| Anatomy & Physiology Course or Specific Elective     | Anatomy & Physiology Course or Specific Elective   |
|  | Domain General Education Course                    |

| Year Three: Fall Semester                                       | Year Three: Spring Semester   |
|---|---|
| MATH 208 Biostatistics OR ENVS 202 Data Analysis for Scientists | MATH 208 Biostatistics OR ENVS 202 Data Analysis for Scientists     |
| BIOL 208 Genetics   | Anatomy & Physiology Course or Specific Elective                    |
| CHEM 300 Principles of Biochemistry or CHEM 301 Biochemistry    | CHEM 300 Principles of Biochemistry or CHEM 301 Biochemistry        |
| BIOL 318 Writing for the Biological Sciences                    | BIOL 318 Writing for the Biological Sciences                        |
| Anatomy & Physiology Course or Specific Elective                | Specific Elective, Domain General Education Course or Open Elective |

| Year Four: Fall Semester   | Year Four: Spring Semester   |
|--|--|
| BIOL 402 Processes of Organic Evolution or BIOL 460 Research Experience in Biology | BIOL 402 Processes of Organic Evolution or BIOL 460 Research Experience in Biology |
| Specific Elective  | Specific Elective  |
| Domain General Education Course  | Domain General Education Course  |
| Open Elective  | Open Elective  |

#### **Domain General Education Checklist:**

- Domain II-B is fulfilled through completion of the major.

|              |              |  |
|--------------|--------------|--|
| 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                   |
|              | <u>  X  </u> | B. Natural Sciences (two courses)                        |
| Domain III:  | ___          | A. Perspectives on the Past                              |
|              | ___          | B. Perspectives on Contemporary World                    |
|              | ___          | C. Global Competency, Ethical Reasoning, Human Diversity |