

## College of Liberal Arts & Sciences: B.A., Biology Major Blank

All courses on this sheet taken as part of the Biology major must be passed with a grade of C or better; transferred courses must have approval from the Division of Biology to receive major credit.

### 1. CORE COURSES

- \_\_\_\_\_ BIOL 201 Biology I (4)
- \_\_\_\_\_ BIOL 202 Biology II (4)
- \_\_\_\_\_ BIOL 226 Biostatistics (3)
- \_\_\_\_\_ BIOL 365 Genetics (4)
- \_\_\_\_\_ BIOL 390 Junior Seminar (1)
- \_\_\_\_\_ BIOL 490 Senior Seminar (1)

### 2. DISTRIBUTION

**Take 24 credit hours, with at least one course from each area.**

#### CELL & MOLECULAR

- \_\_\_\_\_ BIOL 302 General Microbiology (4)
- \_\_\_\_\_ BIOL 340 Virology (4)
- \_\_\_\_\_ BIOL 362 Molecular Cell Biology (4)
- \_\_\_\_\_ BIOL 372 Advanced Cell Biology (4)
- \_\_\_\_\_ BIOL 374 Biology of Cancer (4)
- \_\_\_\_\_ BIOL 402 Immunology (4)
- \_\_\_\_\_ BIOL 404 Microbial Pathogenesis (4)
- \_\_\_\_\_ BIOL 420 Biochem: proteins & metabolism (4)
- \_\_\_\_\_ BIOL 422 Biochem: nucleic acids (4)
- \_\_\_\_\_ BIOL4XX Bioinformatics (4)

#### ORGANISMAL

- \_\_\_\_\_ BIOL 311 Invertebrate Biology (4)
- \_\_\_\_\_ BIOL 322 Botany (4)
- \_\_\_\_\_ BIOL 332 Histology (4)
- \_\_\_\_\_ BIOL 346 Animal Nutrition (4)
- \_\_\_\_\_ BIOL 352 Developmental Biology (4)
- \_\_\_\_\_ BIOL 375 Comparative Vertebrate Biology (4)
- \_\_\_\_\_ BIOL 376 Animal Physiology (4)
- \_\_\_\_\_ BIOL 410 Endocrinology (4)

#### ORGANISMS IN THEIR ENVIRONMENT

- \_\_\_\_\_ BIOL 106 Field Botany (4)
- \_\_\_\_\_ BIOL 304 Microbial Ecology (4)
- \_\_\_\_\_ BIOL305 Belize and the Caribbean (2)
- \_\_\_\_\_ BIOL 345 Vertebrate Natural History (4)
- \_\_\_\_\_ BIOL 348 Animal Behavior (4)
- \_\_\_\_\_ BIOL 354 Ecology (4)
- \_\_\_\_\_ BIOL 356 Aquatic Ecology (4)
- \_\_\_\_\_ BIOL 358 Biogeography and Landscape Ecology (4)
- \_\_\_\_\_ BIOL 415 Genetics and Evolution of Populations (4)
- \_\_\_\_\_ BIOL 425 Physiological Plant Ecology (4)

Student Name \_\_\_\_\_

Student Number \_\_\_\_\_

Class of \_\_\_\_\_

Other major, if any \_\_\_\_\_

Minors, if any \_\_\_\_\_

#### SIGNATURES:

Student \_\_\_\_\_  
Date \_\_\_\_\_

Advisor \_\_\_\_\_  
Date \_\_\_\_\_

Chair \_\_\_\_\_  
Date \_\_\_\_\_

**Distribution: original to Biology Office, copies to all others.**

### 3. RELATED COURSES

**Take all courses; additional courses in physics and math are strongly recommended.**

- \_\_\_\_\_ CHEM 105 General Chemistry I (4)
- \_\_\_\_\_ CHEM 106 General Chemistry II (4)

\_\_\_\_\_ CHEM 310 Basic Organic Chemistry (3)  
or

- \_\_\_\_\_ CHEM 315 Organic Chemistry I (4) and
- \_\_\_\_\_ CHEM 316 Organic Chemistry II (4)

**4. If you are planning to be a teacher, this line must be signed by the Chair of the Division of Education to indicate that certification requirements have been discussed.**

Chair \_\_\_\_\_

Date \_\_\_\_\_