

The **Undergraduate Biology Office** does clearances for Biology major and minor requirements. Students should obtain clearance for the major/minor prior to the "add" deadline of their last semester. Questions about University or Arts & Sciences requirements should be directed to the Office of Undergraduate Studies.

**Last Name** \_\_\_\_\_ **First Name** \_\_\_\_\_

**ID#** \_\_\_\_\_ **Date of most recent matriculation** \_\_\_\_\_

**Transfer Schools** \_\_\_\_\_

**Section A. Biology Core**

**Freshman Biology** (see note 2, page 118 in the 2001-2003 Undergraduate Bulletin)

\_\_\_\_\_ BIO 150 The Living World

**Fundamentals of Biology** (see note 3, page 119 in the 2001-2003 Undergraduate Bulletin)

\_\_\_\_\_ BIO 201 Organisms to Ecosystems \_\_\_\_\_

\_\_\_\_\_ BIO 202 Molecular and Cellular Biology \_\_\_\_\_

\_\_\_\_\_ BIO 203 Cellular and Organ Physiology \_\_\_\_\_

**Section B. Courses in Related Fields**

\_\_\_\_\_ **One year of General Chemistry**   
 CHE 131 & 132\*, or 141 & 142\*, or transfer \_\_\_\_\_

\_\_\_\_\_ **One year of General Chemistry Laboratory**  
 CHE 133 & 134, or 143 & 144, or transfer \_\_\_\_\_

\_\_\_\_\_ **One year of Organic Chemistry**   
 CHE 321 & 322\*, or 331 & 332\*, or transfer \_\_\_\_\_

\_\_\_\_\_ **One semester of Organic Chemistry Laboratory**  
 CHE 327, or 333, or transfer \_\_\_\_\_

\_\_\_\_\_ **One year of Physics with Laboratory**   
 PHY 121/123 & 122/124\*, or 125 & 126 & 127\*, or 131 & 132\*, or 141 & 142\*,  
 or transfer \_\_\_\_\_

\_\_\_\_\_ **One year of Calculus**   
 MAT 123 & 125 & 126\*, or 131 & 132\*, or 141 & 142\*,  
 or level 8 or 9 on math placement examination  
 or transfer \_\_\_\_\_

\_\_\_\_\_ **One semester of Statistics or Probability/Statistics**  
 AMS 110, or 310, or transfer \_\_\_\_\_

*\*C or higher in at least one semester of required sequence*

**Section C. Advanced Courses**

**Advanced Lecture Courses:** Students must take one lecture course in four of the five areas below.

- \_\_\_\_ **Area I:** Cell Biology and Biochemistry – BIO 310, 314, 315, 317, 361, 362  
or transfer \_\_\_\_\_
- \_\_\_\_ **Area II:** Genetics and Development – BIO 302, 320, 325  
or transfer \_\_\_\_\_
- \_\_\_\_ **Area III:** Neurobiology and Physiology – BIO 328, 334, 374, 379  
or transfer \_\_\_\_\_
- \_\_\_\_ **Area IV:** Organisms – BIO 340, 341, 343, 344, 346, 380, 383  
or transfer \_\_\_\_\_
- \_\_\_\_ **Area V:** Ecology and Evolution – BIO 349, 350, 351, 353, 354, 357, 358, 359, 385, 386  
or transfer \_\_\_\_\_

**Study in Depth:** (any one category)

- \_\_\_\_ Second lecture course in **Area** \_\_\_\_\_ **Course** \_\_\_\_\_ & \_\_\_\_\_
- \_\_\_\_ Any 400-level course for biology majors

**Advanced Laboratory Courses:** Must take Advanced Laboratory courses in at least two of the following Areas  
(*Independent research or internship courses cannot be used to satisfy the advanced laboratory requirement*)

- \_\_\_\_ **Area I:** BIO 311, 365
- \_\_\_\_ **Area II:** BIO 327
- \_\_\_\_ **Area III:** BIO 335
- \_\_\_\_ **Area IV:** BIO 340, 341, 343, 344, 346, 380, 383
- \_\_\_\_ **Area V:** BIO 352, 356; MAR 301, 303, 305, 320
- \_\_\_\_ **Area VI:** BIO 307; BNG 309; HBM 321

**Upper Division Writing Requirement**

\_\_\_\_ **Course** \_\_\_\_\_ **Date Accepted** \_\_\_\_\_ **by** \_\_\_\_\_

**Credits** See Bulletin for limits in use of research, readings and substitute electives.

- \_\_\_\_ **Thirty-two credits** in sections A & C, including specified substitute electives, completed with a grade of C or higher. (*Internship credits cannot be used to satisfy this requirement.*)

**For Transfer students:**

- \_\_\_\_ At least 15 of the 32 credits in sections A & C must be taken at Stony Brook in courses for majors at 200-level or higher.
- \_\_\_\_ Twelve of the 15 credits must be in BIO designator courses.
- \_\_\_\_ At least 2 advanced biology laboratory experiences, including one Area laboratory, must be taken at Stony Brook.