

# B.S. in Biology with a Concentration in Biochemistry Graduation Checklist

Student's Name \_\_\_\_\_

Adviser's Name \_\_\_\_\_

## • Biology Course Requirements

General Biology \_\_\_\_\_

Cell Biology (Required) \_\_\_\_\_

Genetics (Required) \_\_\_\_\_

Biochemistry (Required) \_\_\_\_\_

Category I: (Required)\* \_\_\_\_\_

Categories II: (Required)\* \_\_\_\_\_

Categories III: (Required)\* \_\_\_\_\_

## • Chemistry Course Requirements

General Chemistry \_\_\_\_\_

Organic Chemistry \_\_\_\_\_

Analytical Chemistry \_\_\_\_\_

Chemistry of Biological Compounds \_\_\_\_\_

## • Ancillary Courses and Requirements

Differential Calculus \_\_\_\_\_

Integral Calculus \_\_\_\_\_

Biology Junior/Senior Seminar \_\_\_\_\_

General Physics (101/111 and 102/112)  
(Highly recommended but not required) \_\_\_\_\_

Senior Obligation - must involve a monograph or research in the field of biochemistry

Thesis Adviser: \_\_\_\_\_

Title:

Number of "D's" in the Major (only 2 "D's" in BIO& CHEM courses allowed) \_\_\_\_\_

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## Category I: Ecology

- Category I: Ecology
- BIO 206 Ecology
- BIO 309 Marine and Estuarine Biology
- BIO 313 Wetlands Conservation
- BIO 328 Behavioral Ecology
- BIO 351 Evolution

## Category II: Cellular Biology

- BIO 203 Microbiology
- BIO 205 Cell Biology
- BIO 207 Biotech and Molecular Biology
- BIO 302 Developmental Biology
- BIO 305 Genetics
- BIO 310 Microbial Ecology
- BIO 350 Toxicology
- BIO 404 Immunology
- BIO 409 Biochemistry
- Cell Signaling
- Endocrinology

## Category III: Organismal Biology

- BIO 211 Plant Biology
- BIO 208 General Zoology
- BIO 228 Ornithology
- BIO 301 Comparative Vertebrate Anatomy
- BIO 303 Parasitology
- BIO 304 Invertebrate Zoology
- BIO 311 Neurobiology
- BIO 315 Ecophysiology
- BIO 336 Ichthyology
- BIO 424 Comparative Animal Physiology
- Pathophysiology

## Category IV: Seminars

- BIO 399 Special Topics in Biology

## Category V: Research/Independent Study/Internship

- BIO 209 Nicaragua
- BIO 210 Ecol of Coastal Maine
- BIO 212 Bermuda Environment
- BIO 296 Subtropical Bio Puerto Rico
- BIO 395 Summer Research
- BIO 495/6 Independent Research
- BIO 497/8 Independent Study
- BIO 490 Biology Internships