

B.S. in Biology - Graduation Checklist

Student's Name _____

Adviser's Name _____

• **General Biology**

1. _____

2. _____

• **Seven Upper-Level Biology Courses**

Ecology (Required) _____

Genetics (Required) _____

Category II (Required; not Genetics) _____

Category III: (Required) _____

Categories I, II, or III (2 courses)

1. _____ 2. _____

Categories I, II, III, IV, or V _____

• **Ancillary Courses and Requirements**

General Chemistry

1. _____

2. _____

Organic Chemistry

1. _____

2. _____

Differential Calculus

1. _____

Junior/Senior Seminar

1. _____

2. _____

Senior Obligation

Thesis Adviser: _____

Number of "D's" in the Major (only 2 "D's" in
BIO courses allowed) _____

***Although not required, many medical and graduate schools require physics. This can be PHY 101/111 and PHY102/112.**

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

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BIO 296 Subtropical Bio Puerto Rico
BIO 395 Summer Research
BIO 495/6 Independent Research
BIO 497/8 Independent Study
BIO 490 Biology Internships