



MAJOR - BIOLOGY (32 HOURS)

1 Biology 200 (Required beginning Fall '06)

5 Biology 204 (required)

5 Biology 205 (required)

4 Biology 350 General Genetics (required)

18 (17 when counting BIOL 200) hours of electives including 10 hours at the 400-level.

At least one course in each of the following three groups.

GROUP I. BIOLOGY OF ORGANISMS

4 Biol. 313 Microbiology

4 Biol. 331 Human Anat. & Phys. I

4 Biol. 332 Human Anat. & Phys. II

4 Biol. 343 General Botany

3 Biol. 374 Marine Biology

4 Biol. 405 General Parasitology

3 Biol. 406 Medical Entomology

4 Biol. 414 Plant Taxonomy & Evolution

4 Biol. 424 Algology

3 Biol. 426 Pathogenic Microbiology

4 Biol. 427 Invertebrate Biology

4 Biol. 435 Entomology

3 Biol. 472 Ichthyology

4 Biol. 473 Mammalogy

3 Biol. 476 Herpetology

3 Biol. 477 Ornithology

\_\_\_\_\_ Biol. \_\_\_\_\_

GROUP II. ECOLOGY, EVOLUTION & BEHAVIOR

3 Biol. 354 Population and Community Ecology

3 Biol. 409 Conservation Biology

3 Biol. 410 Conservation Biology in Practice

3 Biol. 416 Landscape Ecology

3 Biol. 419 Neuroethology

4 Biol. 420 Animal Behavior

4 Biol. 422 Plant Ecology

3 Biol. 425 Limnology

3 Biol. 441 Chemical Ecology

3 Biol. 445 Environmental Microbiology

3 Biol. 449 Epidemiology

3 Biol. 451 Evolution

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GROUP III. CELL., MOLEC. & REGULATORY BIOLOGY

4 Biol. 407 Cell Biology

3 Biol. 408 Molecular Biology

4 Biol. 411 Animal Physiology

GROUP III. CELL., MOLEC. & REGULATORY BIOLOGY (cont.)

4 Biol. 417 Plant Physiology

3 Biol. 418 Neurophysiology

3 Biol. 421 Molecular Biotechnology

3 Biol. 431 Developmental Biology

4 Biol. 438 Endocrinology

3 Biol. 439 Immunobiology

3 Biol. 440 Molecular Neurobiology

3 Biol. 442 Plasmid Biology

3 Biol. 443 Microbial Physiology

4 Biol. 446 Scanning Electron Microscopy

3 Biol. 447 Microbial Genetics

\_\_\_\_\_ Biol. \_\_\_\_\_

BIOLOGY ELECTIVES (These courses do not meet the group requirement.)

3 Biol. 301 Field Biology of the Vertebrates

2 Biol. 310 Biology of Aging

1 Biol. 352 Laboratory in Genetics

3 Biol. 370 Intro to Inland Marine Research

1-4 Biol. 401 Biological Research

1-5 Biol. 403 Biol. Experience at Stone Lab (Summer only)

2 Biol. 431L Developmental Biology Lab

2 Biol. 444 Microbial Physiology Lab

3 Biol. 450 Teaching Evolution & the Nature of Science (web)

1 Biol. 470 Readings in Biological Sciences

1 Biol. 475 Marine Biology Field Trip

1-3 Biol. 489 Biology Internship

1 Biol. 490 Seminar

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OTHER SCIENCE REQUIREMENTS AND ELECTIVES

CHEMISTRY (required)

5 Chem. 125 or 135 General Chemistry

4 Chem. 127 or 137 General Chemistry

1 Chem. 128 or 138 General Chemistry Lab

4 or 5 & 3 Chem. 306 (or 341 & 344) Organic Chemistry

1 or 2 Chem. 345 or 346 Organic Chemistry Lab

PHYSICS (required)

5 Phys. 201 College Physics I (req.)

5 Phys. 202 College Physics II (required for pre-health professionals ONLY)