

Professional Biology Option (2002-2003)

Name _____ Date _____

Student Number _____

Major

BI 111 (4) Principles of Biology _____
 BI 112 (4) Principles of Biology _____
 BI 300W (1) Biological Literature _____
 BI 305 (4) Cell Biology _____
 BI 306 (4) Genetics _____
 BI 307 (4) Microbiology _____

Organismal Biology (Protistans, Fungi, Plants):

One course selected from the following:

BI 362 (4) Non-Vascular Plants _____
 BI 363 (4) Vascular Plants _____
 BI 429 (4) Marine Botany _____
 BI 460 (3) Plant Physiology _____
 BI 463 (3) Plant Taxonomy _____

Organismal Biology (Protistans, Animals):

Two courses selected from the following:

BI 310 (4) Comparative Vertebrate Morphology _____
 BI 311 (4) Animal Physiology _____
 BI 340 (4) Invertebrate Zoology _____
 BI 341 (4) Natural History of the Vertebrates _____
 BI 403 (4) Marine Invertebrate Zoology _____
 BI 408 (4) Marine Vertebrate Zoology _____
 BI 415 (4) Coastal Ornithology _____
 BI 433 (4) Embryology _____
 BI 451 (3) Ornithology _____
 BI 452 (3) Entomology _____
 BI 471 (4) Parasitology _____
 BI 472 (4) Histology _____

Major (cont.)

Population Biology:

BI 312 (3) Evolution _____

One course selected from the following:

BI 411 (4) Marsh Ecology _____
 BI 412 (4) Marine Ecology _____
 BI 413 (4) Marine Behavioral Ecology _____
 BI 421 (4) Ecology _____
 BI 423 (4) Aquatic Ecology _____

Minor

CH 111 (3), 111L (1) General Chemistry _____
 CH 112 (3), 112L (1) General Chemistry _____
 CH 311 (4), 311L (1) Organic Chemistry _____
 CH 312 (4), 312L (1) Organic Chemistry _____

One elective selected from the following:

CH 321 (2), 321LW (2) Quantitative Analysis _____
 CH 322 (3), 322LW (2) Instrumental Analysis _____
 CH 341 (3), 341L (1) Applied Physical Chemistry _____

Required Supporting Courses

CS 110 (3) Introduction to Computer **or** higher level computer science class _____
 MA 112 (3) Pre-calculus Algebra **or** MA 115 (4) Pre-calculus Algebra & Trigonometry **or** MA 125 (4) Calculus I _____
 MA 121 (3) Calculus for Business and Life Sciences I (or MA 125) _____
 MA 122 (3) Calculus for Business and Life Sciences II (or MA 125) _____
 MA 345 (3) Applied Statistics I _____
 PH 241 (4) General Physics I _____
 PH 242 (4) General Physics II _____
or
 PH 251 (5) Technical Physics I _____
 PH 252 (5) Technical Physics II _____