

General Biology Option (2013-2014 Catalog)

Name _____

Date _____

Student Number _____

Major

BI 111 (4) Principles of Biology _____
BI 112 (4) Principles of Biology _____
BI 200W (1) Biological Literature _____
BI 305 (4) Cell Biology _____
BI 306 (4) Genetics _____
BI 307 (4) Microbiology _____
BI 498 (1) Senior Assessment Seminar _____

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 433 (4) Embryology _____
BI 451 (3) Ornithology _____
BI 452 (3) Entomology _____
BI 471 (4) Parasitology _____
BI 472 (4) Histology _____

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 _____

*Dauphin Island Sea Lab Courses

Minor

A minor or second major in some field of study is required. A minor or second major in chemistry, geography, geology, mathematics/computer science, physics, or psychology is recommended.

Required Supporting Courses

CH 111 (3), 111L (1) General Chemistry _____
CH 112 (3), 112L (1) General Chemistry _____
CIS 125 (3) Business Applications of Computer Software **or** higher level computer information systems course _____
MA 112 (3) Pre-calculus Algebra **or** MA 113 (3) Pre-calculus Trigonometry **or** MA 115 (4) Pre-calculus Algebra & Trigonometry **or** MA 125 (4) Calculus I _____

Biology electives that can be taken for additional credit above and beyond those prescribed above:

BI 100 (1) Pre-Health Professions Orientation _____
BI 241 (4) Human Anatomy and Physiology I _____
BI 242 (4) Human Anatomy and Physiology II _____
BI 407 (4) Applied Bacteriology _____
BI 409 (3) Immunology _____
BI 415 (4) Molecular Biology _____
BI 441 (3) Biochemistry _____
BI 455W (4) Paleobiology _____
BI 480 (1) Pre-Health Professions Internship _____
BI 495 (1-4) Research/Internship _____
BI 499 (1-4) Special Topics in Biology _____