This worksheet is a guide to supplement your degree audit in Degree Works. All students need 32 FSU course-credits to graduate. For students who change majors or enter FSU with transfer credits your degree audit may appear differently, as previous coursework could fulfill Domains and Free Electives. Please see your Advisor and/or The Advising Center with any questions.

**DOMAIN GENERAL EDUCATION (11 Courses Required):**
The FSU General Education program consists of 11 requirements. In the Biology major Domain II-B is satisfied through completion of the major (X). One (1) additional subdomain is met by a specific course in the major (see below), leaving nine (9) courses to be completed to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the catalog (p. 256) for full information.

**Common Core**

- A. ENWR 110 Composition II
- B. MATH/STAT XXX (credit-bearing): MATH 180*

**Domain I**

- A. Creative Arts: _____________________________
- B. Humanities: ______________________________
- C. Language: ________________________________

**Domain II**

- A. Analysis, Modeling, Problem-Solving
- X
- B. Natural Sciences (2): Non-Lab Science: ____________________________
- Lab Science

**Domain III**

- A. Perspectives on the Past: _____________________________
- B. Perspectives on Contemporary World: ____________________________
- C. Global Competency, Ethical Reasoning, and/or Human Diversity: ____________________________

X = Fulfilled through completion of major
* = Required course in the major

**MAJOR COURSES (18):**

**Required Core Courses (11):**

- BIOL 125 The Biology Experience
- BIOL 135/135L Foundations of Biological Science with Lab
- BIOL 208/208L Genetics with Lab
- BIOL 230 Professional Communication in Biology
- BIOL 262/262L Molecular Biology with Lab
- BIOL 402 Processes of Organic Evolution
- CHEM 107/107L Organic Chemistry I with Lab
- CHEM 108/108L Organic Chemistry II with Lab
- CHEM 207/207L Organic Chemistry III with Lab
- STAT 208 Biostatistics
- MATH 180 Precalculus* (CC-B) **

**Required Capstone Course (1):**

- BIOL 460 Research Experience in Biology**

**Students proficient at the precalculus level should enroll in MATH219 Calculus 1 to satisfy the Gen. Ed. Domain Common Core Math Requirement.

**Fulfills a General Education requirement.

**An original research project is required of all Biology Majors. Prior to enrollment in BIOL469 Research Experience in Biology, the student should meet with their academic advisor and with other Biology faculty to tailor the research project to the student’s interests and career goals.

**General Biology Concentration (6):**

One course must focus on plants and one on animals.

**One (1) Course from Group A (see below)**

**One (1) Course from Group B (see below)**

Continued on next page
BIOLOGY MAJOR
General Biology Concentration

Continued from previous page

One (1) Course from the following Group C courses:

_________ BIOL 344/344L Animal Physiological Ecology* w/Lab
_________ BIOL 235/235L Principles of Human Physiology* w/Lab
_________ BIOL 242/242L Human Anatomy and Physiology II* w/Lab
_________ BIOL 255/255L Plant Physiology w/Lab

* Only one of these courses may be taken in order to receive Biology credit.

One (1) Course from Group D (see below)

________________________________________________________

Two (2) additional courses from Groups A-E (see below)

________________________________________________________

FREE ELECTIVES (1-5): May be used toward a minor

________________________________________________________

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Group A: Cellular and Molecular Biology Electives
BIOL 218/218L Introduction to Bioinformatics with Lab
BIOL 228/228L Microbiology with Lab
BIOL 260/260L Cellular Biology with Lab
BIOL 356 Biology of Cancer
BIOL 381 Theories of Infectious Diseases
BIOL 400 Trends in Biotechnology
BIOL 426 Human Immunity
BIOL 432 Vertebrate Development
CHEM 300/300L Principles of Biochemistry with Lab
or CHEM 301/301L Biochemistry I with Lab

Group B: Organismal Diversity Electives
BIOL 203 Plants and Society*
BIOL 212/212L Wildlife Specimen Preparation Techniques
BIOL 232/232L Invertebrate Zoology with Lab
BIOL 236/236L Ornithology with Lab
BIOL 251/251L Vascular Plant Taxonomy with Lab
BIOL 320/320L Animal Behavior with Lab
BIOL 323 Biology and Conservation of Crocodiles

* This course may not be used as a required plant course.

Group C: Physiology Electives
BIOL 235/235L Principles of Human Physiology with Lab*
BIOL 241/241L Human Anatomy and Physiology I with Lab*
BIOL 242/242L Human Anatomy and Physiology II with Lab
BIOL 255/255L Plant Physiology with Lab
BIOL 269 Sex, Brains, and Hormones
BIOL 344/344L Animal Physiological Ecology with Lab*
HLTH 302 Exercise Physiology
NEUR 225 Biopsychology
NEUR 380 Neuropharmacology

Group D: Ecological and Evolutionary Biology Electives
BIOL 233/233L Comparative Vertebrate Anatomy with Lab
BIOL 248/248L Principles of Ecology with Lab
BIOL 291 Principles of Tropical Ecology and Conservation: Field Study
BIOL 321/321L Limnology with Lab
BIOL 335/335L Principles of Wildlife Biology with Lab
BIOL 341/341L Marine Biology with Lab
BIOL 393 Wildlife Management and Conservation Topics

Group E: Advanced Biology Electives
BIOL 490 Independent Study in Biology
BIOL 495 Internship in Biology

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