

# WILDLIFE AND ENVIRONMENTAL BIOLOGY MAJOR

This worksheet is a guide to supplement your degree audit in Degree Works. All students need a minimum of 30 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 Wildlife and Environmental 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 Undergraduate Catalog 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  
\_\_\_\_\_ B. Natural Sciences (2): Non-Lab Science: \_\_\_\_\_  
  X   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 (20 courses, 21.75 -23. credits):**

### **Required Core Courses (10 courses, 11.0 credits):**

_____	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 402	Processes of Organic Evolution
_____	CHEM 107/107L	Principles of Chemistry with Lab
_____	CHEM 108/108L	Principles of Chemistry and Quantitative Analysis with Lab
_____	MATH 123	Introduction to Functions**
_____	<u>or</u> MATH 180	Precalculus**
_____	<u>or</u> MATH 219	Calculus I**
_____	STAT 203	Statistics for the Natural Sciences (II-A)*
_____	<u>or</u> ENVS 202	Data Analysis for Scientists
_____	<u>or</u> STAA 127	Statistics for the Social Sciences (II-A)*

\* *Fulfills Gen. Ed. Domain II-A if taken.*

\*\* *Fulfills the Common Core Math requirement.*

### **Required Capstone Course**

_____	BIOL 460	Research Experience in Biology
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### **General Studies Concentration (10 courses, 10.75-12.0 credits):**

#### **Required Courses (4):**

_____	BIOL 248/248L	Principles of Ecology with Lab
_____	BIOL 251/251L	Vascular Plant Taxonomy with Lab
_____	BIOL 335/335L	Principles of Wildlife Biology with Lab
_____	GEOG 216	Geographic Information Systems

#### **One (1) course from Cell and Molecular Systems:**

_____	BIOL 228/228L	Microbiology with Lab
_____	BIOL 260/260L	Cellular Biology with Lab
_____	BIOL 262/262L	Molecular Biology with Lab
_____	BIOL 432	Vertebrate Development

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## Two (2) courses from Organismal and Physiological Systems:

_____	BIOL 212/212L	Wildlife Specimen Preparation Techniques
_____	BIOL 235/235L	Principles of Human Physiology with Lab
_____	BIOL 236/236L	Ornithology 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 323	Biology and Conservation of Crocodiles
_____	NEUR 225	Biopsychology
_____	NEUR 306	Neurophysiology

## Two (2) courses from Ecological Systems:

_____	BIOL 203	Plants and Society
_____	BIOL 233/233L	Comparative Vertebrate Anatomy with Lab
_____	BIOL 320/320L	Animal Behavior with Lab
_____	BIOL 321/321L	Limnology with Lab
_____	BIOL 358	Animal Physiological Ecology
_____	BIOL 381	Theories of Infectious Diseases
_____	BIOL 393	Wildlife Management and Conservation Topics

## One (1) course from Restricted Electives:

_____	CSCI 156	Python Programming for Applications
_____	ENVS 333	Digital Field Methods: Drones, Data, & Artificial Intelligence
_____	GEOG 240	Municipal Land Use
_____	GEOG 316	Advanced Geographic Information Systems
_____	GEOG 375	Sustainable Management of Natural Resources

## **FREE ELECTIVES (0):**

*There are no free electives available in this major.*