

PRE-VETERINARY MEDICINE MAJOR

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 Pre-Veterinary Medicine 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. 263) for full information.

Common Core

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

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 (19-21 courses, 20.5-23.25 credits):

Required Core Courses (9 courses, 10 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 180	Precalculus (CC-B) **
_____	<u>or</u> MATH 219	Calculus I (CC-B) **
_____	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 a General Education requirement.*

Required Capstone Course (1):

_____	BIOL 460	Research Experience in Biology**
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General Studies Concentration (9-11 courses, 10.5-13.25 credits):

Required Courses (6-8 courses,):

_____	BIOL 233/233L	Comparative Vertebrate Anatomy with Lab
_____	BIOL 248/248L	Principles of Ecology with Lab
_____	BIOL 344/344L	Animal Physiological Ecology with Lab
_____	<u>or</u> BIOL 241/241L	Human Anat. and Phys. I with Lab AND
_____	BIOL 242/242L	Human Anatomy and Physiology II with Lab
_____	CHEM 207/207L	Organic Chemistry I with Lab
_____	CHEM 300/300L	Principles of Biochemistry with Lab
_____	<u>or</u> CHEM 301/301L	Biochemistry I with Lab
_____	PHYS 201/201L	Physics with Applications to Earth and Life Systems with Lab
_____	<u>or</u> PHYS 211/211L	Principles of Physics I with Lab AND
_____	PHYS 212/212L	Principles of Physics II with Lab

One (1) Course from Cell and Molecular Systems (see below)

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One (1) Course from Organismal and Physiological Systems (see below)

One (1) Course from Ecological Systems (see below)

FREE ELECTIVES (1-3):

Cell and Molecular Systems:

BIOL 228/228L Microbiology with Lab
BIOL 260/260L Cell Biology with Lab
BIOL 356 Biology of Cancer
BIOL 432 Vertebrate Development

Organismal and Physiological Systems

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 255/255L Plant Physiology with Lab
BIOL 323 Biology and Conservation of Crocodiles
NEUR 225 Biopsychology
NEUR 306 Neurophysiology

Ecological Systems

BIOL 203 Plants and Society
BIOL 320/320L Animal Behavior with Lab
BIOL 321/321L Limnology with Lab
BIOL 335/335L Principles of Wildlife Biology with Lab
BIOL 381 Theories of Infectious Diseases
BIOL 393 Wildlife Management and Conservation Topics