

PRE-MEDICINE / HUMAN HEALTH MAJOR

General Studies Concentration

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 Pre-Medicine/Human Health 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 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 courses, 19.5-20.5 credits):

Required Core Courses (10 courses, 10.5 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
_____	HEAL 100	Orient. to Health-Related Prof. (0.5 credits)
_____	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 (8 courses, 9-10 credits):

Required Courses (4):

_____	BIOL 228/228L	Microbiology with Lab
_____	BIOL 241/241L	Human Anatomy and Physiology I with Lab
_____	BIOL 242/242L	Human Anat. and Physiology II with Lab
_____	CHEM 207/207L	Organic Chemistry I with Lab

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

Three (3) Courses from Restricted Electives (see below)

Note: Choices are limited to those courses not previously taken for this concentration.

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FREE ELECTIVES (0-2):

Ecological Systems

- BIOL 203 Plants and Society
- BIOL 233/233L Comparative Vertebrate Anatomy with Lab
- BIOL 248/248L Principles of Ecology with Lab
- BIOL 320/320L Animal Behavior with Lab
- BIOL 321/321L Limnology with Lab
- BIOL 335/335L Principles of Wildlife Biology with Lab
- BIOL 358 Animal Physiological Ecology
- BIOL 381 Theories of Infectious Diseases
- BIOL 393 Wildlife Management and Conservation Topics

Restricted Electives

- BIOL 260/260L Cell Biology with Lab
- BIOL 262/262L Molecular Biology with Lab
- BIOL 356 Biology of Cancer
- BIOL 426 Human Immunity
- BIOL 432 Vertebrate Development
- CHEM 208/208L Organic Chemistry II with Lab
- CHEM 300/300L Principles of Biochemistry with Lab
- CHEM 301/301L Biochemistry I with Lab
- CHEM 332/332L Biochemistry II with Lab*
- MATH 219 Calculus I
- NEUR 225 Biopsychology
- NEUR 306 Neurophysiology
- NEUR 380 Neuropharmacology
- NUTR 110 Fundamentals of Nutrition Science
- PHIL 222 Bioethics
- PHYS 201/201L Physics for Earth and Life Sciences with Lab
- PHYS 211/211L Physics I with Lab
- PHYS 212/212L Physics II with Lab

** Students who complete CHEM 332/332L Biochemistry II and its prerequisites are eligible for a Biochemistry minor.*