

DIVISION OF NUTRITIONAL SCIENCES

College of Human Ecology | College of Agriculture and Life Sciences

Progress Toward Completing Major Requirements

for DNS Undergraduates in the **Global and Public Health Sciences** major

This document is a tool for tracking progress toward completing requirements for the GPHS major. **It does NOT include College requirements (e.g. humanities, social sciences, communications, and College credits) or considerations for choosing options (e.g. pre-med requirements).** These are described in more detail within the current DNS Roadmap.

Life Sciences

Requirement	Course or options	Year/ Sem	Done ✓
Introductory Chemistry	* GPHS students must take at least one semester of chemistry at Cornell—i.e., students who use AP credit toward their chemistry requirement must take an additional chemistry course (i.e., CHEM 2080, CHEM 2150, or other, but not CHEM 1560). Students who take CHEM 2070 forfeit AP credit. Students who take CHEM 2150 may keep AP credit.		
	(a) CHEM 2070 General Chemistry I (Fall, 4 cr) AND CHEM 2080 General Chemistry II (Spring, 4 cr) (two-course sequence required for pre-health)		
	(b) CHEM 2070 General Chemistry I (Fall, 4 cr)		
	(c) CHEM 1560 Introduction to General Chemistry (Fall, 4 cr)		
	(d) CHEM 2150 Honors General and Inorganic Chemistry (Fall, 4 cr)		
	OTHER (e.g. AP or transfer credit, describe):		
Introductory Biology Lectures (choose two options)	(a) BIOMG 1350 Cell and Development (Fall/Spring, 3 cr)		
	(b) BIOG 1440 Comparative Physiology (Fall/Spring, 3 cr) OR BIOG 1445 Comparative Physiology (Fall/Spring, 4 cr) (autotutorial)		
	(c) BIOEE 1610 Ecology and the Environment (Fall/Spring/Summer, 3-4 cr) OR BIOEE 1780 Evolution and Diversity (Fall/Spring, 4-5 cr)		
	(d) OTHER (e.g. AP or transfer credit, describe):		
Introductory Biology Lab (choose one option)	BIOG 1500 Investigative Lab (Fall/Spring, 2 cr)		
	BIOSM 1500 Investigative Marine Biology Laboratory (Summer, 2 cr)		
	OTHER (e.g. transfer credit, describe):		
Organic Chemistry Lecture (choose one option)	(a) CHEM 1570 Elementary Organic Chemistry (Spring, 3 cr) (not for pre-health)		
	(b) CHEM 3530 Principles of Organic Chemistry (Fall, 4 cr)		
	(c) CHEM 3570 AND 3580 Introductory Organic Chemistry (Fall and Spring, 3 cr each)		
	(d) CHEM 3590 AND 3600 Organic Chemistry (Spring and Fall, 4 cr each)		
	(e) OTHER (e.g. transfer credit, describe):		
Physiology (choose one option)	(a) NS 3410 Human Anatomy and Physiology (Spring, 4 cr)		
	(b) BIOG 1440 Comparative Physiology (Fall/Spring, 3 cr) OR BIOG 1445 Comparative Physiology (Fall/Spring, 4 cr) (autotutorial)		
	(c) NS 1150 Nutrition, Health, and Society (Fall, S and summer online, 3 cr)		
	(d) OTHER (e.g. transfer credit, describe):		
Biochemistry (choose one option)	(a) NS 3200 Introduction to Human Biochemistry (Fall, 4 cr)		
	(b) BIOMG 3300 Principles of Biochemistry (Fall/Spring, 4 cr)		
	(c) BIOMG 3310 Principles of Biochemistry: Proteins and Metabolism (Fall, 3 cr) AND BIOMG 3320 Principles of Biochemistry: Molecular Biology (Spring, 2 cr)		
	(d) BIOMG 3310 Principles of Biochemistry: Proteins and Metabolism (Fall, 3 cr) AND BIOMI 2900 General Microbiology (Fall/Spring, 3-4 cr)		
	(e) BIOMG 3330 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology (Summer, 4 cr)		
	(f) BIOMG 3350 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology (Spring, 4 cr)		
	(g) OTHER (e.g. transfer credit, describe):		



Computational Sciences

Requirement	Course or options	Year/ Sem	Done ✓
Note: GPHS students may <u>only</u> use this option to fulfill their statistics requirement. AP credits, other Cornell courses, and non-Cornell courses may <u>not</u> be used.			
Statistics	STSCI 2150 Introductory Statistics for Biology (Fall/Spring, 3 cr)		

GPHS Core Courses and Selectives

Requirement	Course or options	Year/ Sem	Done ✓
GPHS Core (complete ALL)	NS 1600 Introduction to Public Health (Fall, 3 cr)		
	NS 2600 Introduction to Global Health (Spring, 3 cr)		
	NS 2060 Preparation for Engaged Learning (Fall, 2 cr)		
	NS 3600 Epidemiology (Fall, 3 cr)		
	NS 4600 Explorations in Global and Public Health (Fall, 3 cr)		
<i>For the following selectives, take at least one course from each of the following four categories:</i>			
Social & Behavioral			
Biological			
Environmental			
Health Policy & Management			

Non-NS College Credits

Requirement	Course	Year/ Sem	Done ✓
<i>9 credits from within the student's college (CHE or CALS) that are <u>not</u> NS. May overlap with other requirements.</i>			
	1.		
	2.		
	3.		
	4 (if needed).		

Experiential Learning Opportunity

Describe status of ELO (i.e. planning/planned/completed, location, and semester/year anticipated or completed):

Student signature _____ Date _____

Advisor signature _____ Date _____