

DIVISION OF NUTRITIONAL SCIENCES

College of Human Ecology | College of Agriculture and Life Sciences

Progress Toward Completing Major Requirements

for DNS Undergraduates in the **Human Biology, Health, and Society** major

This document is a tool for tracking progress toward completing requirements for the HBHS 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 DNS Roadmap.

Life Sciences

Requirement	Course or options	Year / Sem	Done ✓
<i>HBHS Introductory Course</i>	NS 1400 Introduction to Human Biology, Health, and Society		
<i>Introductory Chemistry</i>	CHEM 2070 General Chemistry I (Fall, 4 cr) AND		
	CHEM 2080 General Chemistry II (Spring, 4 cr) (<i>two-course sequence required for pre-health</i>)		
	OTHER (e.g. AP or transfer credit, describe):		
TWO <i>Introductory Biology Lectures</i>	(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) (<i>autotutorial</i>)		
	(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):		
<i>Introductory Biology Lab (choose one option)</i>	(a) BIOG 1500 Investigative Lab (Fall/Spring, 2 cr)		
	(b) BIOSM 1500 Investigative Marine Biology Laboratory (Summer, 2 cr)		
	(c) OTHER (e.g. transfer credit, describe):		
<i>Organic Chemistry Lecture (choose one option)</i>	(a) CHEM 1570 Elementary Organic Chemistry (Spring, 3 cr) (<i>not for pre-health</i>)		
	(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):		
<i>Organic Chemistry Lab (choose one option)</i>	(a) CHEM 2510 Introduction to Experimental Organic Chemistry (Fall/Spring/Summer, 2 cr)		
	(b) CHEM 3010 Honors Experimental Chemistry (Spring, 4 cr)		
	(c) OTHER (e.g. transfer credit, describe):		
<i>Physiology (choose one option)</i>	(a) NS 3410 Human Anatomy and Physiology (Spring, 4 cr)		
	(b) BIOAP 3110 Animal Physiology (Fall, 3 cr)		
	(c) OTHER (e.g. transfer credit, describe):		
<i>Biochemistry (choose one option)</i>	(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 (S, 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):		
<i>Physics (choose one option)</i>	(a) PHYS 1101 General Physics I (Fall/Summer, 4 cr)		
	(b) PHYS 2207 Fundamentals of Physics (Fall, 4 cr)		

	(c) OTHER (e.g. transfer credit, describe):		
Advanced biology electives (6 cr)	1.		
	2.		
	3. (If needed)		

Computational Sciences

Requirement	Course or options	Year/ Sem	Done ✓
Calculus/ Advanced Math	(a) MATH 1105 Finite Mathematics for the Life and Social Sciences (Fall, 3 cr)		
	(b) MATH 1106 Calculus for the Life and Social Sciences (S, 3 cr)		
	(c) MATH 1110 Calculus I (Fall/Spring /Summer, 4 cr)		
	(d) MATH 1120 Calculus II (Fall/Spring, 4 cr)		
	OTHER (e.g. transfer or AP credit, describe):		
Statistics	(a) STSCI 2150 Introductory Statistics for Biology (Fall/Spring, 4 cr)		
	(b) PAM 2100 Introduction to Statistics (Spring, 4 cr)		
	(c) AEM 2100 Introductory Statistics (Fall, 4 cr)		
	(d) BTRY 3010 Biological Statistics I (Fall, 4 cr)		
	(e) ILRST/STSCI 2100 Introductory Statistics (Fall/Spring/Winter/Summer, 4 cr)		
	(f) MATH 1710 Statistical Theory and Application in the Real World (Fall/Spring, 4 cr)		
	(g) PSYCH 3500 Statistics and Research Design (Fall /Summer, 3-4 cr)		
	(h) SOC 3010 Statistics for Sociological Research (Fall, 4 cr)		
	OTHER (e.g. transfer or AP credit, describe):		

HBHS Survey Course and Selectives

Requirement	Course	Year/ Sem	Done ✓
Survey Course	NS 1150 (Fall, 3 cr) OR NS 1220 Nutrition and the Life Cycle (3 cr)		
<i>For the following selectives, take at least 6 credits from the Social Science Perspective category, at least 6 credits from the Natural Science Perspective category, and at least 3 credits from the Nutritional Science Perspective category.</i>			
Social Science Perspective (6+ cr)	1.		
	2.		
Natural Science Perspective (6+ cr)	1.		
	2.		
Nutritional Science Perspective (3+ cr)	1.		

Non-NS College Credits

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

Student signature _____ Date _____

Advisor signature _____ **Date** _____