Progress Toward Completing Major Requirements
for DNS Undergraduates in Nutrition

This document is meant as a tool for tracking progress toward completing requirements for the NS major. **It does not account for College-level requirements, such as humanities, social sciences, communication courses, and the required number of CHE or CALS credits.**

### Life Sciences

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<th>Requirement</th>
<th>Course or options</th>
<th>Done</th>
<th>Year/Sem Planned</th>
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<td><strong>Introductory Chemistry</strong></td>
<td>CHEM 2070 General Chemistry I (Fall, 4 cr) AND CHEM 2080 General Chemistry II (Spring, 4 cr) (two-course sequence required for pre-health) OTHER (e.g. AP or transfer credit, describe):</td>
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| **TWO Introductory Biology Lectures** | (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** | 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): | | |
| **Organic Chemistry Lab (choose one option)** | (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): | | |
| **Physiology (choose one option)** | (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): | | |
| **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 BIOMG 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 | Done | Year/Sem Planned
---|---|---|---
**Calculus/ Advanced Math**<br>(a) MATH 1105 Finite Mathematics for the Life and Social Sciences (Fall, 3 cr)<br>(b) MATH 1106 Calculus for the Life and Social Sciences (Spring, 3 cr)<br>(c) MATH 1110 Calculus I (Fall/Spring/Summer, 4 cr)<br>(d) MATH 1120 Calculus II (Fall/Spring, 4 r)<br>**OTHER (e.g. transfer or AP credit, describe):**

**Statistics**<br>(a) STSCI 2150 Introductory Statistics for Biology (Fall/Spring, 4 cr)<br>(b) PAM 2100 Introduction to Statistics (Spring, 4 cr)<br>(c) AEM 2100 Introductory Statistics (Fall, 4 cr)<br>(d) BTRY 3010 Biological Statistics I (Fall, 4 cr)<br>(e) ILRST/STSCI 2100 Introductory Statistics (F/S/Winter/Summer, 4 cr)<br>(f) MATH 1710 Statistical Theory and Application in the Real World (Fall/Spring, 4 cr)<br>(g) PSYCH 3500 Statistics and Research Design (Fall/Summer, 3-4 cr)<br>(h) SOC 3010 Statistics for Sociological Research (Fall, 4 cr)<br>**OTHER (e.g. transfer or AP credit, describe):**

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# NS Core Courses and Advanced Electives

## Requirement | Course or options | Done | Year/Sem Planned
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**NS Core (complete ALL)**<br>NS 1150 Nutrition, Health and Society (Fall, 3 cr)<br>NS 2450 Social Science Perspectives on Food and Nutrition (Fall, 3 cr)<br>NS 3450 Introduction to Physicochemical and Biological Aspects of Food (Fall, 3 cr)<br>NS 3310 Nutrient Metabolism (Spring, 4 cr)<br>NS 3320 Methods in Nutritional Sciences (Fall, 3 cr)<br>**OTHER (e.g. transfer credit, NS 1150 only):**

**NS Advanced Electives**<br>**At least 9 credits** of NS courses at the 3000 level or above. May include NS 3410 only if BIOAP 3110 is used to fulfill the physiology requirement. May include up to 3 credits from NS 4000, NS 4010, 4020, and NS 4990. **May not include NS 3200, NS 3980, NS 4620, or NS 4030 Teaching Apprenticeship.**<br>1.<br>2.<br>3.<br>4. (if needed)<br>5. (if needed)

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# Non-NS College Credits

## Requirement | Course | Done | Year/Sem Planned
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**9 credits from within the student’s college (CHE or CALS) that are not NS and not used to fulfill another major or college distribution requirement.**<br>1.<br>2.<br>3.<br>4 (if needed).