

# NUTRITION AND DIETETICS MAJOR

## Program Curriculum

Code	Title	Credits
<b>Degree Core Requirements</b>		
HNFE 1114	Orientation to HNFE (not included in in-major GPA)	1
HNFE 1004	Foods, Nutrition And Exercise (C) <sup>1</sup>	3
BIOL 1105	Principles of Biology <sup>1</sup>	3
BIOL 1115	Principles of Biology Laboratory <sup>1</sup>	1
BIOL 1106	Principles of Biology <sup>1</sup>	3
BIOL 1116	Principles of Biology Laboratory <sup>1</sup>	1
HNFE 2014	Nutrition Across the Life Span <sup>1</sup>	3
	or HNFE 2014HNutrition Across the Life Span	
HNFE 2484	Evidence-Based Practice in Health Science <sup>1</sup>	1
BMSP 2135	Human Anatomy & Physiology <sup>1</sup>	3
BMSP 2136	Human Anatomy and Physiology <sup>1</sup>	3
HNFE 2804	Exercise and Health <sup>1</sup>	3
CHEM 2514	Survey of Organic Chemistry (C-) <sup>1</sup>	3
	or CHEM 2535 Organic Chemistry	
BCHM 2024	Concepts of Biochemistry <sup>1</sup>	3
	or BCHM 3114 Biochemistry for Biotechnology and the Life Sciences	
	or BCHM 4115 General Biochemistry	
HNFE 3034	Methods of Human Health Assessment <sup>1</sup>	2
HNFE 4025	Macronutrient Metabolism <sup>1</sup>	3
HNFE 4026	Micronutrient Metabolism <sup>1</sup>	3
<b>Major Requirements <sup>1</sup></b>		
HNFE 2004	Professional Dietetics	1
FST 2014	Introduction to Food Science	2
HNFE 3024	Science of Food Prep Lab	2
BIOL 2604	General Microbiology	3
BIOL 2614	General Microbiology Laboratory	1-2
HNFE 3114	Foodservice and Meal Management	4
HNFE 3224	Communicating with Food	3
HNFE 4644	Health Counseling	3
MGT 3304	Management Theory and Leadership Practice	3
AAEC 4814	Food and Health Economics	3
HNFE 4624	Community Nutrition (HNFE Capstone )	3
HNFE 4125	Medical Nutrition Therapy	3
HNFE 4126	Medical Nutrition Therapy	3
Subtotal		73-74
<b>Free Electives</b>		
Select three credits of free elective		3
Subtotal		3
<b>Pathways to General Education</b>		
<i>Pathways Concept 1 - Discourse</i>		
ENGL 1105	First-Year Writing (1F) <sup>2</sup>	3
	or COMM 1015 Communication Skills	
ENGL 1106	First-Year Writing (1F) <sup>2</sup>	3
	or COMM 1016 Communication Skills	

COMM 2004	Public Speaking (1A) <sup>2</sup>	3
	or ALCE 3634 Communicating Ag and Life Sciences in Speaking	
<i>Pathways Concept 2 - Critical Thinking in the Humanities</i>		
Select six credits in Pathway 2 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02</a> )		6
<i>Pathways Concept 3 - Reasoning in the Social Sciences</i>		
PSYC 1004	Introductory Psychology	3
Select one of the following:		3
PSYC 2084	Social Psychology	
HNFE 2664	Behavioral Theory in Health Promotion	
PSYC 2034	Developmental Psychology	
SOC 1004	Introductory Sociology	
<i>Pathways Concept 4 - Reasoning in the Natural Sciences</i>		
CHEM 1035	General Chemistry (C-) <sup>1</sup>	3
	or CHEM 1055 General Chemistry for Chemistry Majors	
CHEM 1045	General Chemistry Laboratory <sup>1</sup>	1
	or CHEM 1065 General Chemistry for Chemistry Majors Lab	
CHEM 1036	General Chemistry (C-) <sup>1</sup>	3
	or CHEM 1056 General Chemistry for Chemistry Majors	
CHEM 1046	General Chemistry Laboratory <sup>1</sup>	1
	or CHEM 1066 General Chemistry for Chemistry Majors Lab	
<i>Pathways Concept 5 - Quantitative and Computational Thinking</i>		
MATH 1025	Elementary Calculus (5F)	3
	or MATH 1225 Calculus of a Single Variable	
	or ISC 1105 Integrated Science I	
STAT 3615	Biological Statistics (5A)	3
Select 3 credits of Pathway 5a ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A</a> ) or Pathway 5f ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F</a> )		3
<i>Pathways Concept 6 - Critique and Practice in Design and the Arts</i>		
Select three credits in Pathway 6a ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A</a> )		3
Select three credits in Pathway 6d ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D</a> )		3
<i>Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States</i>		
Select course that meets Concept 7 and another Concept. If course meets only Concept 7, Pathways credit reaches 47		
Subtotal		44
<b>Total Credits</b>		<b>120-121</b>

<sup>1</sup> Included in in-major GPA.

<sup>2</sup> Credit cannot be received for both COMM 1016 and COMM 2004 if COMM 1015-COMM 1016 were taken for Concept 1f.

**Satisfactory Progress Towards Degree:** An HNFE (Nutrition and Dietetics major) student will be considered to have made satisfactory progress toward the degree when he/she has successfully completed:

1. Overall GPA  $\geq$  3.00.
2. A minimum grade of "C" is required in HNFE 1004 Foods, Nutrition And Exercise and a "C-" or better is required in CHEM 1035 General Chemistry and CHEM 1036 General Chemistry and CHEM 2535 Organic Chemistry or CHEM 2514 Survey of Organic Chemistry.

3. These courses must be completed by the time the student has attempted 72 hours:

BIOL 1105 Principles of Biology-BIOL 1106 Principles of Biology or equivalent.

CHEM 1035 General Chemistry-CHEM 1036 General Chemistry or equivalent.

CHEM 2535 Organic Chemistry or CHEM 2514 Survey of Organic Chemistry.

HNFE 1004 Foods, Nutrition And Exercise.

Students not meeting Satisfactory Progress will have one probationary semester in which to resolve their standing. Students who do not return to good standing at the end of the probationary semester must leave the major. Internal or external transfers will be required to create a plan of study that demonstrates how the student will attain Satisfactory Progress in regards to coursework. The GPA threshold will stand for all students regardless of transfer status.

## Graduation Requirements

Nutrition and Dietetics Graduation Requirements: Overall GPA 3.0

**Nutrition and Dietetics is a restricted major.** Students who wish to change into, transfer into, and/or continue to study within HNFE must have and maintain the following:

1. Overall GPA  $\geq$  3.0.
2. A minimum grade of "C" is required in HNFE 1004, and a "C-" or better is required in CHEM 1035, CHEM 1036 and CHEM 2514 or CHEM 2535.

Prerequisites for courses are listed in the Undergraduate Course Catalog and associated with the CRN hyperlink on the on-line Timetable. It is the responsibility of the student to make sure the prerequisites for each course have been met. HNFE checks for prerequisites both during course request and at the beginning of the semester. Students who enroll in a course for which they clearly have not satisfied the prerequisites or equivalent may be dropped from the course. Deliberate false statements testifying to the satisfaction of prerequisites constitute a violation of the honor code.

## Foreign Language Requirement

A sequence of two foreign language courses is required for graduation unless two years of high school credits of the same foreign language or six transfer credits of one foreign language have been earned. These credits do not count towards graduation.

First Year		
Fall Semester		Credits
BIOL 1105	Principles of Biology	3
BIOL 1115	Principles of Biology Laboratory	1
CHEM 1035	General Chemistry	3
CHEM 1045	General Chemistry Laboratory	1
ENGL 1105	First-Year Writing	3
HNFE 1114	Orientation to HNFE	1
MATH 1025	Elementary Calculus (MATH 1014 if not ready for calculus)	3
Credits		15

Spring Semester		
BIOL 1106	Principles of Biology	3
BIOL 1116	Principles of Biology Laboratory	1
CHEM 1036	General Chemistry	3
CHEM 1046	General Chemistry Laboratory	1
ENGL 1106	First-Year Writing	3
HNFE 1004	Foods, Nutrition And Exercise	3
Pathways Concept 2 - Critical Thinking in the Humanities		3
Credits		17
Second Year		
Fall Semester		
BMSP 2135	Human Anatomy & Physiology	3
CHEM 2514 or CHEM 2535	Survey of Organic Chemistry or Organic Chemistry	3
HNFE 2014 or HNFE 2014H	Nutrition Across the Life Span or Nutrition Across the Life Span	3
FST 2014	Introduction to Food Science	2
PSYC 1004	Introductory Psychology	3
Credits		14
Spring Semester		
BMSP 2136	Human Anatomy and Physiology	3
BCHM 2024	Concepts of Biochemistry	3
HNFE 2004	Professional Dietetics	1
HNFE 3024	Science of Food Prep Lab	2
PSYC 2084 or HNFE 2664 or PSYC 2034 or SOC 1004	Social Psychology or Behavioral Theory in Health Promotion or Developmental Psychology or Introductory Sociology	3
Pathways Concept 5 - Quantitative and Computational Thinking		3
Credits		15
Third Year		
Fall Semester		
HNFE 4025	Macronutrient Metabolism	3
HNFE 3114	Foodservice and Meal Management	4
HNFE 2804	Exercise and Health	3
BIOL 2604	General Microbiology	3
BIOL 2614	General Microbiology Laboratory	2
Credits		15
Spring Semester		
HNFE 4026	Micronutrient Metabolism	3
HNFE 3224	Communicating with Food	3
COMM 2004 or ALCE 3634	Public Speaking or Communicating Ag and Life Sciences in Speaking	3
HNFE 4644	Health Counseling	3
STAT 3615	Biological Statistics	3
Credits		15
Fourth Year		
Fall Semester		
HNFE 3034	Methods of Human Health Assessment	2
HNFE 4125	Medical Nutrition Therapy	3
HNFE 4624	Community Nutrition	3
MGT 3304	Management Theory and Leadership Practice	3
Pathways Concept 6 - Critique and Practice in Design and the Arts		3
Credits		14
Spring Semester		
HNFE 4126	Medical Nutrition Therapy	3
AAEC 4814	Food and Health Economics	3
Pathways Concept 6 - Critique and Practice in Design and the Arts		3
Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States		3
Pathways Concept 2 - Critical Thinking in the Humanities <small>select course that meets Concept 7 and Concept 2</small>		3

Free Electives	3
Credits	15
Total Credits	120