

College of Agriculture and Life Sciences
Bachelor of Science: Human Nutrition, Foods and
Exercise MAJOR: NUTRITION & DIETETICS (NAD)
Date of entry under the UG Catalog year 2023-2024

Pathways General Education		44 Credits
Concept 1: Discourse 9 credits		
1f: Foundational Discourse: ENGL 1105-1106 First Year Writing or other approved sequence		3__ 3__
1a: Advanced / Applied Discourse: COMM 2004 ¹ Public Speaking or ALCE 3634 Communicating in Agriculture & Life Science		3__
Concept 2: Critical Thinking in the Humanities 6 credits		
(select from timetable)		3__
(select from timetable)		3__
Concept 3: Reasoning in the Social Sciences 6 credits		
PSYC 1004 Introductory Psychology		3__
PSYC 2084 Social Psychology (Pre: PSYC 1004) or HNFE 2664 or PSYC 2034 (Pre: PSYC 1004) or SOC 1004		3__
Concept 4: Reasoning in the Natural Sciences 8 credits		
◆CHEM 1035 ^{2,3} , 1045 ³ General Chemistry Lecture and Lab		3__ 1__
◆CHEM 1036 ^{2,3} , 1046 ³ General Chemistry Lecture and Lab		3__ 1__
Concept 5: Quantitative and Computational Thinking 9 credits		
5f: Foundational: MATH 1025 ³ Elementary Calculus		3__
5f or 5a: Foundational or Applied: (select from timetable)		3__
5a: Applied: STAT 3615 Biological Statistics (Pre: MATH 1025 or equivalent ³)		3__
Concept 6: Critique and Practice in Arts and Design 6 credits		
6a: Critique and Practice in the Arts (select from timetable)		3__
6d: Critique and Practice in Design (select from timetable)		3__
Concept 7: Critical Analysis of Identity and Equity in the United States		
(select course that meets Concept 7 and another Concept. If course meets only Concept 7, Pathways credit reaches 47)		

◆ Department of Human Nutrition, Foods and Exercise Common Degree Core		39 Credits
HNFE 1114*	Orientation to HNFE	1__
HNFE 1004 ²	Foods, Nutrition and Exercise	3__
BIOL 1105,1115 ³	Principles of Biology, Principles of Biology Lab	3__ 1__
BIOL 1106,1116 ³	Principles of Biology, Principles of Biology Lab	3__ 1__
HNFE 2014	Nutrition Across the Life Span (Pre: (HNFE 1004, CHEM 1035) or CHEM 1055 or ISE 1106)	3__
HNFE 2484	Intro to Evidence-based Practice in Health Science (Pre: HNFE 1004)	1__
BMSP 2135	Human Anatomy & Physiology (Pre: (BIOL 1005 or BIOL 1006) or (BIOL 1105 or BIOL 1106) or BIOL 1205H or BIOL 1206H))	3__
BMSP 2136	Human Anatomy & Physiology (Pre: BMSP 2135)	3__
HNFE 2804	Exercise and Health (Pre: HNFE 1004, BMSP 2135)	3__
CHEM 2514 ^{2,4} or 2535 ^{2,4}	Survey of Organic Chemistry or Organic Chemistry (Pre: CHEM 1036 or CHEM 1056 or CHEM 1056H or ISC 1106 or ISC 1106H)	3__
BCHM 2024 ³	Concepts of Biochemistry (Pre: CHEM 2514 or 2535)	3__
HNFE 3034	Methods of Human Health Assessment (Pre: HNFE 2014, BMSP 2136)	2__
HNFE 4025	Metabolic Nutrition (Pre: (HNFE 2014 or HNFE 2014H), BMSP 2136, (BCHM 2024 or BCHM 3114 or BCHM 4115))	3__
HNFE 4026	Metabolic Nutrition (Pre: HNFE 4025)	3__

NUTRITION AND DIETETICS MAJOR COURSE REQUIREMENTS⁵

Required	◆ All of the courses listed below are counted towards the in-major GPA	35 Credits	Recommended Year
HNFE 2004	Professional Dietetics (Co: HNFE 2014)	1__	Sophomore
FST 2014	Introduction to Food Science	2__	Sophomore
HNFE 3024	Science of Food Preparation Lab (Pre: (HNFE 1004, CHEM 1036) or CHEM 1056 or (ISC 2106, FST 2014))	2__	Sophomore
BIOL 2604	General Microbiology (Pre: (BIOL 1005 or BIOL 1105 or BIOL 1205H or ISC 2105), (BIOL 1006 or BIOL 1106 or BIOL 1206H), (CHEM 1036 or CHEM 1056 or CHEM 1036H or CHEM 1056H or ISC 2105))	3__	Soph/Junior/Senior
BIOL 2614	General Microbiology Lab (Pre: (BIOL 1005 or BIOL 1105 or ISC 2105), (BIOL 1006 or BIOL 1106), (CHEM 1036 or CHEM 1056 or CHEM 1036H or CHEM 1056H or ISC 2105); Co: BIOL 2604)	2__	Soph/Junior/Senior
HNFE 3114	Foodservice & Meal Management (Pre: HNFE 3024 or HNFE 2224)	4__	Junior
HNFE 3224	Communicating with Food (Pre: (HNFE 2014 or HNFE 2014H), (HNFE 3024 or HNFE 2224))	3__	Junior
HNFE 4644	Health Counseling (Junior standing required)	3__	Junior
MGT 3304	Management Theory and Leadership Practice (Sophomore standing required)	3__	Junior/Senior
AAEC 4814	Food and Health Economics (Senior standing required)	3__	Senior
HNFE 4624	HNFE Capstone: Community Nutrition (Pre: (HNFE 2014 or HNFE 2014H), HNFE 4026)	3__	Senior
HNFE 4125	Medical Nutrition Therapy I (Pre: HNFE 2004, 4026; Co: HNFE 3034)	3__	Senior
HNFE 4126	Medical Nutrition Therapy II (Pre: HNFE 4125)	3__	Senior
SUBTOTAL FOR GENERAL EDUCATION:		44 credits	
SUBTOTAL FOR HNFE DEPARTMENT CURRICULUM:		39 credits	
SUBTOTAL FOR NAD MAJOR:		35 credits	
FREE ELECTIVES:		2 credits	
TOTAL CREDITS REQUIRED FOR GRADUATION⁶:		120 credits	

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 6 transfer credits of one foreign language have been earned. These credits do not count towards graduation.

Footnotes:

◆* Courses are included in the in-major GPA with the exception of HNFE 1114.

¹ Credit cannot be received for both COMM 1016 and COMM 2004 if COMM 1015-1016 taken for Concept 1f.

² A minimum grade of "C" is required in HNFE 1004, and a "C-" or better is required in CHEM 1035 and 1036; CHEM 2514 or 2535.

³ Acceptable substitutions

- BIOL 1105: BIOL 1005 General Biology
- BIOL 1115: BIOL 1016 General Biology Lab
- BIOL 1106: BIOL 1006 General Biology
- BIOL 1116: BIOL 1016 General Biology Lab
- BCHM 2024: BCHM 3114 Biochemistry for Biotechnology and the Life Sciences (appropriate for pre-med, pre-dental) or BCHM 4115 General Biochemistry (for students who double major in HNFE and Biochemistry)
- CHEM 1035: CHEM 1055 General Chemistry for Majors
- CHEM 1036: CHEM 1056 General Chemistry for Majors
- CHEM 1045: CHEM 1065 General Chemistry Lab for Majors
- CHEM 1046: CHEM 1066 General Chemistry Lab for Majors
- MATH 1025: MATH 1225 Calculus of a Single Variable or 1525 Elementary Calc with Matrices or ISC 1105 Integrated Science

⁴ Students should choose Organic Chemistry based on what is required for their career and professional pathway.

⁵ Students completing this major meet the **Accreditation Council for Education in Nutrition and Dietetics (ACEND)** Standards of Education. Students who successfully complete the Nutrition & Dietetics major are qualified to earn an ACEND Didactic Program in Dietetics Verification Statement.

⁶ A total of 120 credits must be completed for graduation, regardless of a course counting in two checked areas. If all Pathways courses only fulfill one Concept, students will have total credits above 120.

University GPA Graduation Requirement: Minimum Overall GPA: 2.0; In-Major GPA: 2.0.

HNFE Satisfactory Progress GPA Requirements: Minimum In-major GPA requirement: 2.5; HNFE Dietetics Overall GPA: 3.0

HNFE 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:

SATISFACTORY PROGRESS TOWARDS THE DEGREE: An HNFE (**Nutrition & Dietetics major**) student will be considered to have made satisfactory progress toward the degree when he/she has successfully completed:

1. In-major GPA \geq 2.5.
2. Overall GPA \geq 3.0.
3. A minimum grade of "C" is required in HNFE 1004, and a "C" or better is required in CHEM 1035 and 1036; CHEM 2514 or 2535.
4. These courses must be completed by the time the student has attempted 72 hours:
 - BIOL 1105-1106 or equivalent.
 - CHEM 1035-1036 or equivalent.
 - CHEM 2535 or 2514.
 - HNFE 1004.

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.

SUGGESTED ELECTIVES (Students who bring in AP/IB/Dual Enrollment credits may wish to take additional courses. The courses below complement the program in Nutrition & Dietetics but are not required)

HNFE 2204 Medical Terminology (3 cr)	HNFE 4645 Applications in Nutrition Counseling (2 cr)
HNFE 2544 Functional Foods for Health (3 cr)	HNFE 4754 Advanced Human Anatomy and Pathophysiology (3cr)
HNFE 2664 Behavioral Theory for Health Promotion (3 cr)	HNFE 4774 Advanced Topics in HNFE (cr varies)
HNFE 4004 Writing and Discourse in HNFE (3cr)	BMSP 2145, 2146 Human Anatomy and Physiology Labs (1cr each)
HNFE 4174 Nutrition and Physical Performance (3cr)	CHEM 2536 Organic Chemistry (3 cr)
HNFE 4224 Alternate and Complimentary Nutrition Therapy (2cr)	EDHL 3534 Drug Education (3 cr)
HNFE 4514 Nutritional Genomics (3cr)	STS 3314 Medical Dilemmas in the Human Experience (3 cr)

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.