

NUTRITION MAJOR: HEALTH AND WELLNESS OPTION (B.S.)

<https://colsa.unh.edu/agriculture-nutrition-food-systems/program/bs/nutrition-major-health-wellness-option>

Description

Nutrition is the study of how nutrients and food components function at molecular, cellular, and whole-body levels to impact human health and disease. Students are grounded in fundamental sciences as they develop nutrition-specific competencies in nutrition and health, foods, nutritional assessment, wellness, life cycle nutrition, and/or metabolic biochemistry.

The nutrition program prepares students for entry-level positions in health care, education, research, or the biotechnology industry, or entry into post-baccalaureate professional programs. Nutrition faculty have expertise in clinical nutrition, telehealth, epidemiology, and food science, as well as assessing risk factors of chronic disease risk (i.e. obesity, diabetes, cardiovascular, cognitive) in diverse populations (pediatric, young adult, older adult).

Students who complete the Health and Wellness option are prepared for jobs in agencies or businesses that have an emphasis on disease prevention and health promotion, including schools, employee wellness agencies, fitness centers, and non-profit or community organizations.

Requirements

Degree Requirements

Minimum Credit Requirement: 128 credits

Minimum Residency Requirement: 32 credits must be taken at UNH

Minimum GPA: 2.0 required for conferral*

Core Curriculum Required: Discovery & Writing Program Requirements

Foreign Language Requirement: No

All Major, Option and Elective Requirements as indicated.

*Major GPA requirements as indicated.

Major Requirements

A minimum grade of C-minus or better must be earned in all NUTR courses required by the major.

Code	Title	Credits
Foundation Courses		
BMS 507	Human Anatomy and Physiology I	4
BMS 508	Human Anatomy and Physiology II	4
SOC 400	Introductory Sociology	4
or PSYC 401	Introduction to Psychology	4
Choose ONE statistics course		
BIOL 528	Applied Biostatistics I	4
PSYC 402	Statistics in Psychology	4
SOC 402	Statistics	4
Science Core Courses		

CHEM 411	Introductory Chemistry for Life Sciences	4
or CHEM 403 & CHEM 404	General Chemistry I and General Chemistry II	4
BMS 501	Microbes in Human Disease	4
BMCB 501	Biological Chemistry	4
Nutrition Core Courses		
NUTR 400	Nutrition in Health and Well Being	4
NUTR 401	Professional Perspectives on Nutrition	1
NUTR 476	Nutritional Assessment	4
NUTR 650	Life Cycle Nutrition	4
Nutrition and Wellness Courses		
NUTR 403	Culinary Arts Skills Development	4
NUTR 506	Nutrition and Wellness	4
NUTR 546	Nutrition in Exercise and Sports	4
NUTR 610	Nutrition Education and Counseling	4
NUTR 720	Community Nutrition	4
NUTR 755	Concepts and Controversies in Weight Management	3
NUTR 758	Practicum in Nutrition and Wellness	2
HMP 401	United States Health Care Systems	4
NUTR Elective		4
600-level or 700-level elective		4-5

Nutrition and Wellness Capstone Experience

One capstone experience, supervised and approved within the major, is required of all seniors. The capstone explores areas of interest based on the integration of prior learning. The capstone requirement for Wellness students is satisfied through the completion of NUTR 720 Community Nutrition or NUTR 755 Concepts and Controversies in Weight Management during their senior year.

Both NUTR 720 and NUTR 755 are required courses; one of these courses must be taken during the student's senior year to fulfill the university's capstone requirement.

Degree Plan

SAMPLE Course Sequence for Nutrition and Wellness

First Year

Fall		Credits
NUTR 400	Nutrition in Health and Well Being	4
NUTR 401	Professional Perspectives on Nutrition	1
BMS 507	Human Anatomy and Physiology I	4
SOC 400	Introductory Sociology	4
or PSYC 401	or Introduction to Psychology	4
ENGL 401	First-Year Writing	4
Credits		17

Spring

NUTR 476	Nutritional Assessment	4
BMS 508	Human Anatomy and Physiology II	4
HMP 401	United States Health Care Systems	4
Discovery course		4
Credits		16

Second Year

Fall		
CHEM 411	Introductory Chemistry for Life Sciences	4
NUTR 403	Culinary Arts Skills Development	4
Inquiry course		4

Elective		4
Credits		16
Spring		
NUTR 506	Nutrition and Wellness	4
BMCB 501	Biological Chemistry	4
Select one of the following:		4
BIOL 528	Applied Biostatistics I	
PSYC 402	Statistics in Psychology	
SOC 402	Statistics	
Elective (WI)		4
Credits		16
Third Year		
Fall		
NUTR 546	Nutrition in Exercise and Sports	4
NUTR 610	Nutrition Education and Counseling	4
BMS 501	Microbes in Human Disease	4
NUTR Elective or Discovery Course		4
Credits		16
Spring		
NUTR 650	Life Cycle Nutrition	4
NUTR Elective or Discovery Course		4
Elective (any course)		4
Elective (any course)		4
Credits		16
Fourth Year		
Fall		
NUTR 755	Concepts and Controversies in Weight Management	3
NUTR 758	Practicum in Nutrition and Wellness	2
Discovery Course		4
Discovery Course or Elective		4
600-Level or 700-Level Elective or Elective (any course)		3-4
Credits		16-17
Spring		
NUTR 720	Community Nutrition	4
600-level or 700-level Elective		4
Discovery Course		4
Elective (any course)		3-4
Credits		15-16
Total Credits		128-130

- Discuss the impact of policies and guidelines on food and nutrition services.

Student Learning Outcomes

- Locate, interpret, evaluate and use professional literature to make ethical, evidence-based conclusions and decisions.
- Apply critical thinking skills.
- Deliver effective and professional oral and written communication.
- Demonstrate cultural humility, awareness of personal biases and an understanding of cultural difference they contribute to diversity, equity, and inclusion.
- Articulate aspects of nutrition and wellness for various populations across the lifespan.