

Dietetics and Nutrition

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Bachelor of Science in Dietetics and Nutrition

The Department of Dietetics and Nutrition offers undergraduate studies leading to a Bachelor of Science in Dietetics and Nutrition. The undergraduate student may choose from one of two tracks, dietetics or nutrition science, to earn the degree. The dietetics track (Didactic Program in Dietetics) is intended for students interested in becoming a Registered Dietitian Nutritionist (RDN). The nutrition science track is designed for students interested in other health professions.

Students taking courses within the major should earn a grade of "C" or higher. A grade lower than a "C" will require that the student retake the course(s) and successfully pass with a grade of "C" or higher.

Students must receive a "C" or higher in all science courses and course labs required for the major (Gen CHM 1045/lab and 1046/lab, Org CHM 2200/lab or Org CHM 2210/lab and 2211/lab, BCH 3033, MCB 2000/lab, PCB 3702 or HSC 3549 and BSC 2010/lab. Any course(s) transferring into one of the above-mentioned science course(s) will need to meet the criteria. Any foreign equivalence must meet the same criteria.

Admission Requirements for Undergraduate Programs

Freshmen applicants must follow regular University admission procedures and upon admission declare their specific major in Dietetics and Nutrition. Students must complete the Program Prerequisite courses as part of their 60 credit hours of lower-division course work. To remain in the program, FIU undergraduates must maintain a minimum cumulative GPA of 2.7. See Academic Standing and Satisfactory Progress for additional information.

Admission Requirements for Transfer Students

Students seeking to transfer to FIU must follow regular University Transfer Student admission procedures. Transfer students are encouraged to complete the Program Prerequisite courses as part of their 60 credit hours of lower-division coursework. In order to declare a major in Dietetics and Nutrition, Transfer students must meet the following requirements for admission:

- A.A. Degree from a Florida public institution or completion of FIU University Core Curriculum
- Minimum cumulative GPA of 2.7
- Grade of "C" or higher earned in the following courses:
 - CHM 1045/L General Chemistry I with Lab
 - CHM 1046/L General Chemistry II with Lab
 - CHM 2200/L Survey of Organic Chemistry with Lab
 - BSC 2010/L General Biology with Lab
 - MCB 2000/L Introduction to microbiology with Lab
 - HUN 2201 Principles of Nutrition

Change of Major

Students who wish to declare a major in Dietetics and Nutrition will be held to the degree requirements in effect at the time of the change of major. Students with 60 or more credit hours will be held to the admissions criteria for Transfer Students; students with fewer than 60 credits must meet course requirement milestones as determined by the department and be on track to complete ALL Program Prerequisite courses in a timely manner.

Academic Standing and Satisfactory Progress

Students are expected to make good progress towards completion of degree requirements based on critical indicators such as maintaining a minimum 2.7 GPA and earning grades of "C" or higher in all science prerequisites and core courses. If a student fails to meet a critical indicator, they will be required to meet with an academic advisor to discuss their eligibility to continue in the program. In cases where students are not making good progress, a change of major may be required. Advisors work to redirect students to more appropriate majors when critical indicators are not met.

Common Prerequisite Courses and Equivalencies

Courses which form part of the statewide articulation between the State University System and the Florida College System will fulfill the Lower Division Common Prerequisites.

For generic course substitutions/equivalencies for Common Program Prerequisites offered at community colleges, state colleges, or state universities, visit: <http://www.flvc.org>, Search Program Listing by Alphabetic Order.

Dietetics Track (Didactic Program): 120 hours

Current accreditation information about the Didactic Program in Dietetics (DPD) may be found on the department website. Upon successful completion of the DPD requirements, students are eligible to receive a Didactic Program Verification Statement signifying they have completed the requirements of a dietetics education program accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND®).

Prerequisites

Students desiring to pursue the didactic track in Dietetics and Nutrition need the following FIU course equivalents in addition to completing the general education requirements:

CHM 1045	General Chemistry I	3
CHM 1045L	General Chemistry I Lab	1
CHM 1046	General Chemistry II	3
CHM 1046L	General Chemistry II Lab	1
CHM 2210	Organic Chemistry I	4
CHM 2210L	Organic Chemistry I Lab	1
CHM 2211	Organic Chemistry II	3
CHM 2211L	Organic Chemistry II Lab	1
OR		
CHM 2200	Survey of Organic Chemistry	3
CHM 2200L	Survey of Organic Chemistry Lab	1
BSC 2010	General Biology	3
BSC 2010L	General Biology Lab	1
MCB 2000	Introductory Microbiology – <i>GL</i>	3
MCB 2000L	Introductory Microbiology Lab	1
PSY 2012	Introduction to Psychology	3
OR		
INP 3004	Introduction to Industrial/Organizational Psychology	3
ANT 3451	Anthropology of Race and Religion	3
OR		
COM 3461	Intercultural/Interracial Communication – <i>GL</i>	3
OR		
SYP 3000	The Individual in Society	3
ECO 2013	Principles of Macroeconomics	3
OR		
HUN 3191	World Nutrition – <i>GL</i>	3
STA 3111	Statistics I	3
OR		
STA 3145	Statistics for the Health Professions	3
OR		
STA 2122	Intro to Statistics	3
HUN 2201	Principles of Nutrition	3

Upper Division Program

Required Courses: (60 credits)

DIE 3005	Orientation to Dietetics	1
FOS 3021	Fundamentals of Food	3
FOS 3021L	Fundamentals of Food Lab	1
HUN 4403	Life Cycle Nutrition	3
HSC 3549	Clinical Physiology for Health Professionals	3
OR		
PCB 3702	Intermediate Physiology	3
FOS 4041	Food Science	3
FOS 4041L	Food Science Lab	1
FSS 3233C	Institutional Food Service Production	3
HUN 4240	Nutrition and Biochemistry	3
HUN 4241	Advanced Nutrition	3
DIE 3125	Management of Dietary Systems	3
DIE 3125L	Management of Dietary Systems Lab	1
DIE 3310	Dietetics in Community Health	3
DIE 3244	Medical Nutrition Therapy	3
DIE 3244L	Medical Nutrition Therapy Lab	1
DIE 3434	Nutrition Education – <i>GL</i>	2
DIE 3434L	Nutrition Education Lab	1
DIE 4246	Clinical Nutrition	3
DIE 4246L	Clinical Nutrition Lab	1
DIE 4365	Management of Nutrition Programs	3
DIE 4365L	Applied Dietetic Management of Nutrition Programs	1

DIE 4435	Nutrition Counseling	3
DIE 4435L	Nutrition Counseling Lab	1
HUN 4404	Nutrition, Physical Activity and Special Populations	3
DIE 4506	Senior Seminar	3
DIE 4564	Evidence Based Research in Dietetics	3
DIE 4963	Comprehensive Dietetic Examination	1

Recommended Electives

Selected courses in: computer science, education, statistics, social work, health science, adult education, business, anthropology, sociology. These courses need to be discussed with an advisor before scheduling.

Nutrition Science Track: 120 hours Prerequisites

Students desiring to pursue the Nutrition Science track in Dietetics and Nutrition need the following FIU courses equivalents in addition to completing the general education requirements:

CHM 1045	General Chemistry I	3
CHM 1045L	General Chemistry I Lab	1
CHM 1046	General Chemistry II	3
CHM 1046L	General Chemistry II Lab	1
BSC 2010	General Biology	3
BSC 2010L	General Biology I Lab	1
BSC 2011	General Biology II	3
BSC 2011L	General Biology Lab II	1
MCB 2000	Introductory Microbiology – <i>GL</i>	3
MCB 2000L	Introductory Microbiology Lab	1
PSY 2012	Introduction to Psychology	3
MAC 1147	Pre-Calculus Algebra and Trigonometry	4
OR		
MAC 1114	Trigonometry	3
AND		
MAC 1140	PreCalculus Algebra	3
STA 2122	Statistics for Behavioral and Social Sciences I	3
OR		
STA 3111	Statistics I	3

Additional Courses Required: (12 credits)

HUN 2201	Principles of Nutrition	3
CHM 2210	Organic Chemistry I	4
CHM 2210L	Organic Chemistry I Lab	1
CHM 2211	Organic Chemistry II	3
CHM 2211L	Organic Chemistry II Lab	1

Upper Division Program

Required Courses: (41 credits)

HUN 3191	World Nutrition – <i>GL</i>	3
FOS 3021	Fundamentals of Food	3
FOS 3021L	Fundamentals of Food Lab	1
HUN 4403	Life Cycle Nutrition	3
PCB 3702	Intermediate Physiology	3
OR		
HSC 3549	Clinical Physiology for Health Professionals	3
FOS 4041	Food Science	3
FOS 4041L	Food Science Lab	1
PCB 3063	Genetics	3
BCH 3033	General Biochemistry	3
OR		
HUN 4240	Nutrition and Biochemistry	3

	OR	
CHM 4304	Biological Chemistry I	3
DIE 3310	Dietetics in Community Health	3
	OR	
HUN 4404	Nutrition, Physical Activity and Special Populations	3
DIE 3244	Medical Nutrition Therapy***	3
HUN 4241	Advanced Nutrition	3
DIE 4246	Clinical Nutrition***	3
HUN 4701	Nutrigenomics	3
DIE 4564	Evidence Based Research in Dietetics	3

***Lab is not required but recommended

Recommended Electives

Depending on the student's career objectives, students should enroll in selected courses in: calculus, physics, computer science, education, statistics, social work, health science, psychology, business, anthropology, and sociology. These courses need to be discussed with an advisor before scheduling.

If the student is interested in a future career in the medical field, electives should be discussed with a pre-health advisor. The Pre-Health Advising office is located in DM 331A and can be contacted at (305) 348-0515 or preprof@fiu.edu.

Minor in Nutrition

A 12-credit nutrition course sequence at the undergraduate level affords students the opportunity to study food and nutrients, their physiological functions, normal nutritional requirements, socioeconomic influences on food choices and other aspects of food technology. The required science foundation courses provide the necessary background of chemistry and biological sciences to understand the physiological and biochemical basis of nutrition, as a multi-disciplinary science with relevance to health. Students minoring in nutrition learn to interpret nutrition research and contemporary claims and theories as a basis for improving food habits. Students interested in entering health professional fields of physical or occupational therapy, schools of medicine, dentistry or veterinary medicine find the nutrition minor relevant to their future careers because of diet and health relationships.

This nutrition minor will not meet licensure requirements for qualifications as a nutritionist in the State of Florida. A license is required to provide nutritional counseling to individuals.

Minor Requirements

HUN 2201	Principles of Nutrition	3
HUN 4241	Advanced Nutrition ¹	3
HUN 4403	Life Cycle Nutrition	3

¹Prerequisite: Human Physiology, Organic Chemistry, Biochemistry

In addition, one of the following courses:

HUN 3191	World Nutrition – GL	3
FOS 3021	Fundamentals of Food	3
	AND	
FOS 3021L	Fundamentals of Food Lab	1
FOS 3004	Food and the Consumer	3
FOS 4041	Food Science ²	3
	AND	
FOS 4041L	Food Science Lab ²	1

²Prerequisite: FOS 3021, FOS 3021L, and HUN 2201

Note: The following science courses are required to fulfill the prerequisites in the nutrition minor:

CHM 1045	General Chemistry I
CHM 1046	General Chemistry II
CHM 2210	Organic Chemistry I
CHM 2211	Organic Chemistry II or CHM 2200 for CHM 2210 and CHM 2211
CHM 2200	Survey of Organic Chemistry
HUN 4240	Nutrition and Biochemistry
	OR
BCH 3033	General Biochemistry
HSC 3549	Clinical Physiology for Health Professionals

OR
PCB 3702 Intermediate Physiology

OR
PCB 3703, 3704 Human Physiology I, II

For additional and updated information about degrees offered, entrance requirements, and services, please visit our website: <http://stempel.fiu.edu>

Nutrition Science Track Accelerated Bachelor's/Master's Degree Pathway

The combined degree pathway provides an accelerated seamless course of study leading from the undergraduate freshman year to the conferral of the Master of Science in Dietetics & Nutrition. The accelerated BS/MS pathway will integrate undergraduate and graduate coursework. The BS in Dietetics & Nutrition (Nutrition Science Track) requires 120 credits. The MS in Dietetics & Nutrition is comprised of 37 credit hours. Ten graduate credits taken in the senior year of the baccalaureate program will count as elective credits toward the baccalaureate degree and toward course requirements for the master's degree in dietetics and nutrition. Completion of the remaining 27 graduate credits to earn the master's degree may occur in three semesters following undergraduate graduation.

Admission into the integrated BS/MS degree pathway in Dietetics & Nutrition requires the following:

- Enrollment in the nutrition science track of the undergraduate dietetics & nutrition degree program.
- Completion of 75 credits in the dietetics & nutrition bachelor's degree program and 15 credits in the major.
- Minimum overall GPA of 3.5
- Two Evaluation forms (preferably filled out by FIU Faculty)
- Statement of purpose (1 page double spaced) discussing interests in and benefits of the accelerated BS/MS program pathway. Concepts to include but not limited to are why BS/MS degree pathway was chosen, what interests you about the pathway, and how will this pathway advance career goals.
- Meet admission requirements for FIU graduate school and master's program in the Department of Dietetics & Nutrition.

Retention in the pathway necessitates meeting the requirements of the bachelor's and master's courses and programs. In addition to the program requirements of the undergraduate nutrition science track, students will be

expected to complete the following 10 credits of graduate courses during their senior year.

1. Statistics Requirement (3 credits): STA 6166 Statistical Methods in Research OR PHC 6052 Biostatistics I OR STA 6176 Biostatistics
2. Public Health Requirement (3 credits): PHC 6500 Foundations of Public Health Practice
3. Community Nutrition (3 credits): HUN 6522 Public Health Nutrition
4. Seminar in Dietetics (1 credit): DIE 6937 Graduate Seminar in Dietetics & Nutrition

To earn a BS and MS in Dietetics and Nutrition, students must meet the graduation requirements of both degree programs.