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 programs of study to earn the degree, dietetics or nutrition science. The dietetics track (Didactic Program in Dietetics) is intended for students interested in becoming a Registered Dietitian. The nutrition science track is designed for students interested in other health professions.

Students taking courses within the department (prefix DIE, FOS, HUN, and FSS Hospitality course) 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 a dietetics 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 coursework. 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 Chemistry 1 with Lab
  - CHM 1046/L Chemistry 2 with Lab
  - BSC 2010 Biology
  - 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.

Major Maps

Once accepted into an undergraduate program in the University, students must log into their my.fiu.edu account to obtain their major maps and their assigned advisor information. The major map outlines the student’s program of study which details the course sequencing and requirements to ensure the successful and timely completion of their degree. For any questions about course work and degree requirements, students should contact their advisor.

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

Upper Division Program

Required Courses: (60 credits)

- **DIE 3005**: Orientation to Dietetics \( 1 \) credit
- **FOS 3021**: Fundamentals of Food \( 3 \) credits
- **FOS 3021L**: Fundamentals of Food Lab \( 1 \) credit
- **HUN 4403**: Life Cycle Nutrition \( 3 \) credits
- **HSC 3549**: Clinical Physiology for Health Professionals \( 3 \) credits
- **PCB 3702**: Intermediate Physiology \( 3 \) credits
- **FOS 4041**: Food Science \( 3 \) credits
- **FOS 4041L**: Food Science Lab \( 1 \) credit
- **FSS 3233C**: Institutional Food Service Production \( 3 \) credits
- **HUN 4240**: Nutrition and Biochemistry \( 3 \) credits
- **HUN 4241**: Advanced Nutrition \( 3 \) credits
- **DIE 3125**: Management of Dietary Systems \( 3 \) credits
- **DIE 3125L**: Management of Dietary Systems Lab \( 1 \) credit
- **DIE 3310**: Dietetics in Community Health \( 3 \) credits
- **DIE 3244**: Medical Nutrition Therapy \( 3 \) credits
- **DIE 3244L**: Medical Nutrition Therapy Lab \( 1 \) credit
- **DIE 3434**: Nutrition Education – GL \( 2 \) credits
- **DIE 3434L**: Nutrition Education Lab \( 1 \) credit
- **DIE 4246**: Clinical Nutrition \( 3 \) credits
- **DIE 4246L**: Clinical Nutrition Lab \( 1 \) credit
- **DIE 4365**: Management of Nutrition Programs \( 3 \) credits
- **DIE 4365L**: Applied Dietetic Management of Nutrition Programs \( 1 \) credit
- **DIE 4435**: Nutrition Counseling \( 3 \) credits
- **DIE 4435L**: Nutrition Counseling Lab \( 1 \) credit
- **HUN 4404**: Nutrition, Physical Activity and Special Populations \( 3 \) credits
- **DIE 4900**: Senior Seminar \( 3 \) credits
- **DIE 4964**: Evidence Based Research in Dietetics \( 3 \) credits
- **DIE 4963**: Comprehensive Dietetic Examination \( 1 \) credit

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 course equivalents in addition to completing the general education requirements:

- **CHM 1045**: General Chemistry I \( 3 \) credits
- **CHM 1045L**: General Chemistry I Lab \( 1 \) credit
- **CHM 1046**: General Chemistry II \( 3 \) credits
- **CHM 1046L**: General Chemistry II Lab \( 1 \) credit
- **BSC 2010**: General Biology \( 3 \) credits
- **BSC 2010L**: General Biology Lab \( 1 \) credit
- **MCB 2000**: Introductory Microbiology – GL \( 3 \) credits
- **MCB 2000L**: Introductory Microbiology Lab \( 1 \) credit
- **PSY 2012**: Introduction to Psychology \( 3 \) credits
- **INP 3004**: Introduction to Industrial/Organizational Psychology \( 3 \) credits
- **ANT 3451**: Anthropology of Race and Religion \( 3 \) credits
- **COM 3461**: Intercultural/Interracial Communication – GL \( 3 \) credits
- **SYP 3000**: The Individual in Society \( 3 \) credits
- **ECO 2013**: Principles of Macroeconomics \( 3 \) credits
- **HUN 3191**: World Nutrition – GL \( 3 \) credits
- **STA 3111**: Statistics I \( 3 \) credits
- **STA 3145**: Statistics for the Health Professions \( 3 \) credits
- **STA 2122**: Intro to Statistics \( 3 \) credits
- **HUN 2201**: Principles of Nutrition \( 3 \) credits
- **MAC 1147**: Pre-Calculus Algebra and Trigonometry \( 4 \) credits
- **MAC 1114**: Trigonometry \( 3 \) credits
- **MAC 1140**: PreCalculus Algebra \( 3 \) credits
- **STA 2122**: Statistics for Behavioral and Social Sciences I \( 3 \) credits
- **STA 3111**: Statistics I \( 3 \) credits

Additional Courses Required: (12 credits)

- **HUN 2201**: Principles of Nutrition \( 3 \) credits
- **CHM 2210**: Organic Chemistry I \( 4 \) credits
- **CHM 2210L**: Organic Chemistry I Lab \( 1 \) credit
- **CHM 2211**: Organic Chemistry II \( 3 \) credits
- **CHM 2211L**: Organic Chemistry II Lab \( 1 \) credit

Upper Division Program

Required Courses: (41 credits)

- **HUN 3191**: World Nutrition – GL \( 3 \) credits
- **FOS 3021**: Fundamentals of Food \( 3 \) credits
- **FOS 3021L**: Fundamentals of Food Lab \( 1 \) credit
- **HUN 4403**: Life Cycle Nutrition \( 3 \) credits
- **PCB 3702**: Intermediate Physiology \( 3 \) credits
- **HSC 3549**: Clinical Physiology for Health Professionals \( 3 \) credits
Professionals  
FOS 4041 Food Science  3  
FOS 4041L Food Science Lab  1  
PCB 3063 Genetics  3  
BCH 3033 General 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 preprofc@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 Nutrition1  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  
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://rscphsw.fiu.edu/students_affairs/index.html.