

Dietetics and Nutrition

Evelyn B. Enrione, *Interim Chair, Associate Professor, Director, Dietetic Internship, Director, MS Program*
Deborah M. Abel, *Clinical Associate Professor and Director, Graduate Certificate in Pediatric Nutrition*
Marianna Baum, *Professor*
Catherine Coccia, *Associate Professor and Director, PhD Program*
Julia D. C. Gonzalez Pampin, *Administrator Student & Alumni Services, Graduate Programs*
Fatma Huffman, *Professor*
Juan P. Liuzzi, *Associate Professor*
Marcia Magnus, *Associate Professor*
Joan A. Marn, *Clinical Instructor and Director, Didactic Program*
Vijaya Narayanan, *Clinical Associate Professor and Director, Nutrition Science Track*
Tania Rivera, *Clinical Assistant Professor*
Cristina Palacios, *Associate Professor*
Sabrina Sales Martinez, *Assistant Professor*

Emeriti Faculty
Michele Ciccazzo, *Associate Professor and Dean Emeritus*
Katharine R. Curry, *Professor Emeritus*
Penelope S. Easton, *Professor Emeritus, Founding Chair*
Susan P. Himburg, *Professor Emeritus and Associate Vice-President, Academic Planning and Accountability*
Dian O. Weddle, *Associate Professor Emeritus*

The Program in Dietetics and Nutrition offers graduate studies leading to a Master of Science or a Doctor of Philosophy in Dietetics and Nutrition. The M.S. program is designed to meet the needs of professional practitioners as well as students with undergraduate degrees in related fields. The Ph.D. program prepares graduates to assume leadership roles in research, academia, government agencies, private industry and community-based organizations. Our doctoral program allows students to study and work side-by-side with nationally known educators, researchers, and practitioners who serve as mentors.

The Dietetic Internship (DI) Program has been granted Full Accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics (ACEND®). The address, telephone number and website for ACEND® is 120 South Riverside Plaza, Suite 2000; Chicago, IL 60606-6995; (312) 899-0040; <http://www.eatright.org/ACEND>.

Students who meet the admissions' criteria on the application and have completed a Didactic Program in Dietetics approved or accredited by ACEND® are eligible to apply to the DI. The Dietetic Internship Program does not grant credit for prior learning for any portion of the internship components. All interns must successfully complete the required courses, practica and number of supervised practice hours to receive a DI verification statement. For further information, please visit the website, <http://stempel.fiu.edu/academics/dietetics-and-nutrition/areas-of-study/internship-program/index.html>.

Master of Science in Dietetics and Nutrition

Admission Requirements

Minimum entrance requirements under current University Graduate School must be met. For the M.S. this includes a 'B' (3.0 on a 4.0 scale) average in all upper division coursework. Prospective applicants must have completed the following courses with a grade of "C" or higher:

CHM 1045	General Chemistry I	3
CHM 1045L	General Chemistry Lab I	1
CHM 2210	Organic Chemistry I	4
CHM 2210L	Organic Chemistry Lab I	1
CHM 2211	Organic Chemistry II	3
CHM 2211L	Organic Chemistry Lab II	1
	OR	
CHM 2200	Survey of Organic Chemistry	3
CHM 2200L	Survey of Organic Chemistry Lab	1
MCB 2000	Introductory Microbiology	3
MCB 2000L	Introductory Microbiology Lab	1
PCB 3702	Intermediate Human Physiology	3
	OR	
HSC 3549	Clinical Physiology for Health Professionals	3
HUN 2201	Principles of Nutrition	3
HUN 4240	Nutrition and Biochemistry	3
	OR	
BCH 3033	General Biochemistry	3

Students who are candidates for the Master of Science degree in Dietetics and Nutrition must complete a minimum of 37 semester hours of graduate study including at least 30 hours at this University. All course work must be recent enough to be relevant to the contemporary field of nutrition.

Graduate students wishing to become a Registered Dietitian may use the Department website for information and discuss their options with the Graduate Program Director.

Each student's program will be planned to support his/her career goals through consultation with an assigned faculty advisor. Retention and graduation in the Master's program requires maintenance of a 3.0 GPA and student may not receive more than 2 grades of "C+".

Course Requirements: (37 credits)

Nutrition Core: (9 credits)

Students must take at least three out of five courses. One course must be in macro-nutrients, one in micro-nutrients.

HUN 5245	Nutrition and Biochemistry	3
HUN 6307	Carbohydrates and Lipids	3
HUN 6327	Proteins	3
HUN 6335	Functions of Vitamins	3
HUN 6355	Minerals in Human Nutrition	3

Public Health Core: (3 credits)

PHC 6500	Foundation of Public Health Practice	3
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Research Core:

There are 3 options to meet the requirements for research:

Option 1: Research Courses

Option 2: Master's Project

Option 3: Master's Thesis

Research Courses (14 credits)

The research option provides the opportunity to develop an overview in the knowledge and skills of research primarily through secondary data analysis. Students who

select this option state a research problem and relevant research question which will be addressed through the creation of a research proposal. Students will write a report and present their topic to the class.

DIE 6568	Research I	3
DIE 6567	Research II	3
STA 6166	Statistical Methods in Research	3
	OR	
PHC 6052	Biostatistics I	3
DIE 6937	Graduate Seminar in Dietetics (<i>two semesters, 1 credit each</i>)	2
Recommended Elective		3

Masters Project Option (14 credits)

Master's Project is a non-thesis option. It affords the opportunity to conduct original applied research, program planning, or program evaluation on a specific dietetics and nutrition problem, topic, or existing program. Students who select the Master's Project must choose a major professor to direct their project. The advisor and the student may identify other resource persons to serve in an advisory capacity for the project. Before beginning the project, student must present a project concept proposal to the major professor. Student will write a project report and present the project in Seminar.

DIE 6568	Research I	3
DIE 6937	Graduate Seminar in Dietetics (<i>two semesters, 1 credit each</i>)	2
STA 6166	Statistical Methods in Research	3
	OR	
PHC 6052	Biostatistics I	3
DIE 6576	Project in Dietetics and Nutrition	6

Master Thesis Option (14 credits)

The thesis option provides the student the opportunity to conduct original research and to report this in a scholarly manuscript. This option is especially well suited to a student who plans on pursuing a PhD degree. Students who select this option must choose a major professor to act as the chair of their thesis committee and two additional committee members. Before beginning work on a thesis, a student must present a proposal to their committee for approval. The committee will direct and supervise the work carried out by the student. Student will write a report and present the research at an announced open forum.

DIE 6568	Research I	3
DIE 6937	Graduate Seminar in Dietetics (<i>two semesters, 1 credit each</i>)	2
DIE 6971	Thesis in Dietetics and Nutrition	6
STA 6166	Statistical Methods in Research	3
	OR	
PHC 6052	Biostatistics I	3

Recommended Electives¹: (11 credits)

DIE 5247	Trends in Therapeutic Nutrition	3
ANT 6469	Graduate Medical Anthropology	3
DIE 6128	Dietetics Administration & Management	3
DIE 6259	Management of Nutrition Services	3
DIE 6285	Pregnancy and Lactation	3
DIE 6286	Pediatric Obesity	3
DIE 6287	Pediatric Dysfunctional Eating	3
DIE 6368	Advanced Techniques in Dietetic	3

	Practice	3
DIE 6368L	Advanced Techniques in Dietetic Practice Lab	1
DIE 6929	Specialized Short Course in Dietetics and Nutrition	1
DIE 6935	Special Topics in Dietetics	3
FOS 6236	Food Toxicology and Food Safety	3
HUN 5123	Ethnic Influences on Nutrition and Food Habits	3
HUN 5195	International Nutrition: Problems, Policies and Planning	3
HUN 5245	Nutritional Biochemistry	3
HUN 5611	Nutrition Education in the Community	3
HUN 5621	Food, Nutrition and Communication	3
HUN 6248	Sports Nutrition	3
HUN 6254	Drug and Nutrient Interaction	3
HUN 6255	Nutrition and Wellness	3
HUN 6257	Physio/Psychology of Food Intake	3
HUN 6266	Nutritional Assessment	3
HUN 6295	Contemporary Issues in Food and Nutrition	3
HUN 6415	Pediatric Nutrition	3
HUN 6416	Advanced Pediatric Nutrition	3
HUN 6417	Nutrition for the High-Risk Infant and Newborn in Intensive Care Unit	3
HUN 6435	Nutrition and Aging	3
HUN 6522	Public Health Nutrition	3

¹Courses that are not listed as recommended electives may be taken as approved by advisor/Program Director.

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, why are you choosing the BS/MS degree pathway, what

interests you about the pathway, and how will this pathway advance your 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.

Doctor of Philosophy in Dietetics and Nutrition

Ph.D. students must complete a minimum of 55 hours after M.S. degree or a minimum of 75 hours beyond the B.S. degree. The stated minimum does not include remedial coursework. Students who did not complete PHC 6500 Foundations of Public Health prior to admission to the PhD program must complete PHC 6500 as part of the program of studies. Coursework will be planned with the advisor and the dissertation committee to support the student's research interests and career goals and to ensure the program of student meets the 75-credit hour requirement. A 3.0 GPA must be maintained, and all courses needed for graduation must be completed with a grade of "C+" or higher.

Required Courses

Required Research & Methods Core: (15 credits)

(Prerequisites: PHC 6706 or equivalent; PHC 6709 or equivalent; PHC 6500 or equivalent)

PHC 6091	Biostatistics 2	3
PHC 6602	Theoretical Foundation of Health Promotion	3
PHC 6703	Epidemiology Methods: Experimental Design	3
	or	
	Approved Experimental or Clinical Research Methods Course	3
HUN 6266	Nutritional Assessment	3
PHC 7981	Research Concepts and Proposal Development ¹	3.
	¹ Designed for Public Health Students.	
DIE 7566	Research Concepts and Proposal Development ²	3
	² Designed for Dietetics Students	

Required Dietetics: (minimum 13 credits)³

HUN 7408	Nutrition Across the Lifespan	3
HUN 7523	Community Nutrition	3
HUN 7524	Nutrition Science and Implications for Community Health	3

³A program of study will be developed with the assistance of a major professor and dissertation committee. More than 13 credits may be required for the student to achieve competency in the research methods and content related to their dissertation research. Graduate courses outside of Dietetics & Nutrition may be taken as approved by dissertation committee.

Required Nutrition Sciences: (0-9 credits)⁴

HUN 6285	Nutrition & Metabolism I (CHO&Lipids)	3
HUN 6286	Nutrition & Metabolism II (Proteins)	3
HUN 6287	Nutrition & Metabolism III (Vit & Min)	3

⁴Do not need if equivalent previously taken at the graduate level.

Required Seminar: (minimum 3 credits)

DIE 6937	Graduate Seminar in Dietetics & Nutrition	1
	(course may be repeated 3 times, minimum)	

Required Electives: (minimum 0-9 credits)⁴

⁴Do not need if equivalent previously taken at the graduate level.

Required Dissertation: (minimum 15 credits)

DIE 7980	Dissertation	15
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For additional and updated information about degrees offered, entrance requirements, and services, please visit our website:

<http://stempel.fiu.edu/students/advising/index.html>.