



Future Education Model – Master in Science in Nutrition and Dietetics with Supervised Experiential Learning

ORIENTATION : POLICIES , ADMISSION CRITERIA AND PROCEDURES

NOVEMBER 29, 2023

A 3D rendered scene showing a grey humanoid figure sitting at a white desk. The figure is positioned behind a dark grey semi-transparent rectangular panel that contains the agenda text. On the desk, there is an orange laptop. The background is a plain white surface.

AGENDA

- Welcome
- Program Description
- Future Education Model (FEM) - Competency Based Education Program
- MSND-SEL's Specific Admission Criteria
- UPR-RP's Admission Policies and Procedures for Graduate Programs
- Questions

Accreditation Council for Education in Nutrition and Dietetics

the accrediting agency for the
Academy of Nutrition
and Dietetics



Topics

• About ACEND



• Accreditation
Standards, Fees and
Policies



Policy and
Procedures

Decision
Calendars

2017 Standards
and Templates

2022 Standards
and Templates

Future Education
Model

Fee Schedule

• Accredited Programs



• Accreditation
Process



• Public Notices and
Announcements



Future Education Model

The ACEND® Standards Committee has been developing standards and competencies for a new model for education in nutrition and dietetics with the purpose of advancing the profession and protecting the public.

The ACEND® Board released the *Future Education Model Accreditation Standards for Associate and Graduate Degree Programs in Nutrition and Dietetics*.

The ACEND Board voted to reformat the FEM Accreditation Standards, which will be released on November 1, 2021 for voluntary adoption with mandatory adoption on June 1, 2022 by programs that are following the demonstration program standards. ACEND® will be hosting a webinar on the reformatting to the FEM Accreditation Standards on Friday, November 5, 2021 from noon -1 p.m. Central time.

- [Webinar registration](#)

Future Education Model Accreditation Standards

Future Education Model Accreditation Standards Documents

- [Future Education Model Accreditation Standards for Associate Degree Programs](#) (Revised December 14, 2020)
- [Future Education Model Accreditation Standards for Graduate Degree Programs](#) (Revised January 25, 2019)

Guidance Information and Templates for the Future Education Model Accreditation Standards

- [Guidance Information for Future Education Model Graduate Degree Programs](#) (Revised 7/1/2021)

The Accreditation Council for Education in Nutrition and Dietetics (ACEND) released the ***Future Education Model Accreditation Standards for Nutrition and Dietetics Graduate Degree Programs (GP)***

<https://www.eatrightpro.org/acend/about-acend/acend-data/rationale-for-future-education-of-nutrition-and-dietetics-practitioners>

These accreditation standards integrate didactic coursework with supervised experiential learning in a competency-based curriculum designed to prepare nutrition and dietetics practitioners for future practice.

The UPR-RP Nutrition and Dietetic Program demonstrated its leadership in education by submitting an application ***to be part of the fifth cohort of programs to be accredited by ACEND under these new standards.***

On March 19, 2021, the ACEND Board advised of the approval of the application.

Accreditation Council for Education in Nutrition and Dietetics

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March 19, 2021

Elsa Pinto, PhD, RD, LDN
Director, FG - Future Education Model Graduate Program
University of Puerto Rico
1701 Ave Universidad STE 1701
San Juan, Puerto Rico 00925-2537

Dear Dr. Pinto:

This letter is to advise you of the action of the Accreditation Council for Education in Nutrition and Dietetics (ACEND®) Board regarding the demonstration program application submitted by the University of Puerto Rico for a Future Education Model Graduate Degree Program. At its March 8, 2021 meeting, the ACEND Board approved the application. Please see the attached ACEND Action Report for details of this decision.

Thank you for your continued support of nutrition and dietetics education. We are excited to have you as a demonstration program for the Future Education Model Accreditation Standards. If you have any questions, please call or email Jamie Pak at 800-877-1600 ext. 1733 or jpak@eatright.org.

Sincerely,



Barbara Hopkins, MMSc, RD, LD, Chair
Accreditation Council for Education in Nutrition and Dietetics

Attachment: ACEND Action Report

BH/jj

cc: Luis A. Ferrao Delgado, PhD, Chancellor
Carlos Gonzalez, PhD, Dean of Graduate Studies
Leticia Fernandez, MBA, CPA, Dean of Academic Affairs
Nestor Carballeira, PhD, Dean, College of Natural Sciences
Brenda Enriquez, PhD, LND, Coordinator, Nutrition and Dietetics Program
Jamie E. Pak, MA, LPC, NCC, ACEND Manager

Accreditation Process[Introduction to Accreditation](#)**[Frequently Asked Questions](#)**[Candidacy for Accreditation](#)[Home](#) > [ACEND](#) > [Accreditation Process](#) > [Frequently Asked Questions](#) >

FAQs About Types of ACEND Accredited Programs

What is a Graduate Program in Nutrition and Dietetics (GP)?

A Graduate Program in Nutrition and Dietetics (GP) program refers to an academic program designed to meet the required competencies (through academic coursework and supervised experiential learning activities) for dietetics practice in one degree-granting program. The program must be offered by a college or university recognized by the USDE, either as a stand-alone program or in partnership with a hospital or other non-academic institution. In addition, the GP program courses must be part of the university's degree requirements and designed to culminate in a graduate degree (master's or doctorate). Completion of an GP program enables the individual to sit for the credentialing examination administered by the Commission on Dietetic Registration to become a registered dietitian nutritionist.

**Accreditation Council
for Education in
Nutrition and Dietetics**

 the accrediting agency for the
Academy of Nutrition
and Dietetics

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2022-2023

June 24, 2022

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Nivia A. Fernandez Hernandez, EdD, MMSC, BSC, RD
Director, GP-Graduate Program in Nutrition and Dietetics
University of Puerto Rico
1701 Ave Universidad STE 1701
San Juan, Puerto Rico 00925-2537

Dear Dr. Fernandez Hernandez

This letter is to advise you of the action of the Accreditation Council for Education in Nutrition and Dietetics (ACEND®) Board regarding the proposed GP-Graduate Program at University of Puerto Rico. During its recent meeting, the ACEND Board voted to grant Candidacy for Accreditation to your program for a four-year accreditation term. ACEND recognizes your program's compliance with the ACEND Accreditation Standards and encourages you to continue your efforts in providing quality nutrition and dietetics education. Student accepted as of this date, and those in succeeding classes, will be considered graduates of an ACEND accredited program and eligible, upon satisfactory completion of the program, to write the Commission on Dietetic Registration's Registration Examination for Dietitians. The attached Accreditation Action Report provides details of this decision.

Congratulations on your program's Candidacy for Accreditation status. The ACEND staff is available to answer any questions you may have regarding the accreditation process and the implementation of your program. If you have any questions, contact Jamie Pak at 800-877-1600 ext. 1733 or jpak@eatright.org.

Sincerely,



James Swain, PhD, RD, LD, FAND, Chair
Accreditation Council for Education in Nutrition and Dietetics

On June 24, 2022, the Accreditation Council for Education in Nutrition and Dietetics Board granted Candidacy for Accreditation for a four-year accreditation term to the Master of Science in Nutrition and Dietetics with Supervised Experiential Learning.

Students accepted as of this date, and those in succeeding classes, will be considered graduates of an ACEND accredited program and eligible, upon satisfactory completion of the program, to write the Commission on Dietetic Registration's Registration Examination for Dietitians.



Home ▾ GRADUATE PROGRAM

The Master of Science in Nutrition and Dietetics with Supervised Experiential Learning (MSND-SEL) is a combined online-onsite single program that integrates the Master of Science degree along with the 1,000 hours of supervised and alternate experiential learning (SEL) hours, in professional work settings and in alternate experiences, required to become eligible to take the Commission on Dietetic Registration (CDR) credentialing Exam for Dietitian Nutritionist (Registered Dietitian Nutritionist) and local licensure exam. The Program follows a Competency-Based Education (CBE) model of the accrediting agency, the Accreditation Council on Education in Nutrition and Dietetics (ACEND), in which the curriculum is based on professional roles and student evaluation includes demonstrated performance in some aspects of that role. Is designed as a cohort-curricular sequential program and students are expected to be full-time and complete the program in 2 years (four semesters with 1 summer in between).

Call for applications for August, 2024 will begin on January 2024.

Chair, Nutrition and Dietetics Program:

Brenda Toro Enríquez, PhD, LND

brenda.toro1@upr.edu

Director, MSND-SEL:

Nivia A. Fernández Hernández, EdD, RDN, LND, CFCS

nivia.fernandez1@upr.edu

Program Information:

Address: 17 Ave Universidad Ste. 1701

San Juan, PR 00925-2537

Phone: 787-764-0000, ext. 88581

- Academic and Program Calendar
- Becoming a Registered Dietitian Nutritionist (RDN)
- Conditions to Grant Credits from Other Institutions
- MSND-SEL Accreditation
- MSND-SEL Admission
- MSND-SEL Costs
- MSND-SEL Curriculum
- MSND-SEL Distance Education
- MSND-SEL Financial Aid
- MSND-SEL Graduation and Program Completion Requirements
- MSND-SEL Language Proficiency
- MSND-SEL Mission, Goals and Objectives
- MSND-SEL Program Description
- MSND-SEL Program's Outcomes
- MSND-SEL Student Handbook

PROGRAM DESCRIPTION

Combined online-onsite single program.

- Integrates the Master of Science degree along with the 1,000 hours of supervised and alternate experiential learning (SEL)
 - ✓ Online - 280 hours of alternate experiential learning embedded in online required courses
 - ✓ Onsite - 720 hours (8 cr.) in practice sites (only Puerto Rico)

While the program will make every best effort to assign SEL sites based on students' interests and other logistical considerations, no given facility can be guaranteed at the time of the application for admission

- Master degree is required to become eligible to take the national CDR credentialing Exam and local licensure exam.
- **Follows Competency-Based Education (CBE) model**, in which the curriculum is based on professional roles and student evaluation includes demonstrated performance.

PROFESSIONAL REQUIREMENTS

- Graduates of the MSND-SEL will be eligible to take the CDR credentialing Exam for Dietitian Nutritionist (Registered Dietitian Nutritionist)
- While PR Law 82 of 1972 does not require a graduate degree to take the local licensure exam, since 2012 the Commission on Dietetic Registration (CDR) approved as the entry-level degree to the profession that, beginning on January 1st of 2024, a graduate degree will be required to take the CDR credentialing Exam for Dietitian Nutritionist.
- It is also expected that amendments to Puerto Rico Law 45 of 2004, may include-a graduate degree for the local licensure exam.
- Therefore, students that complete the undergraduate Nutrition and Dietetics program will need **to finish both**, a supervised experiential learning **and** graduate degree in order to take the CDR credentialing exam to be able to practice as a Dietitian Nutritionist in PR and United States mainland.

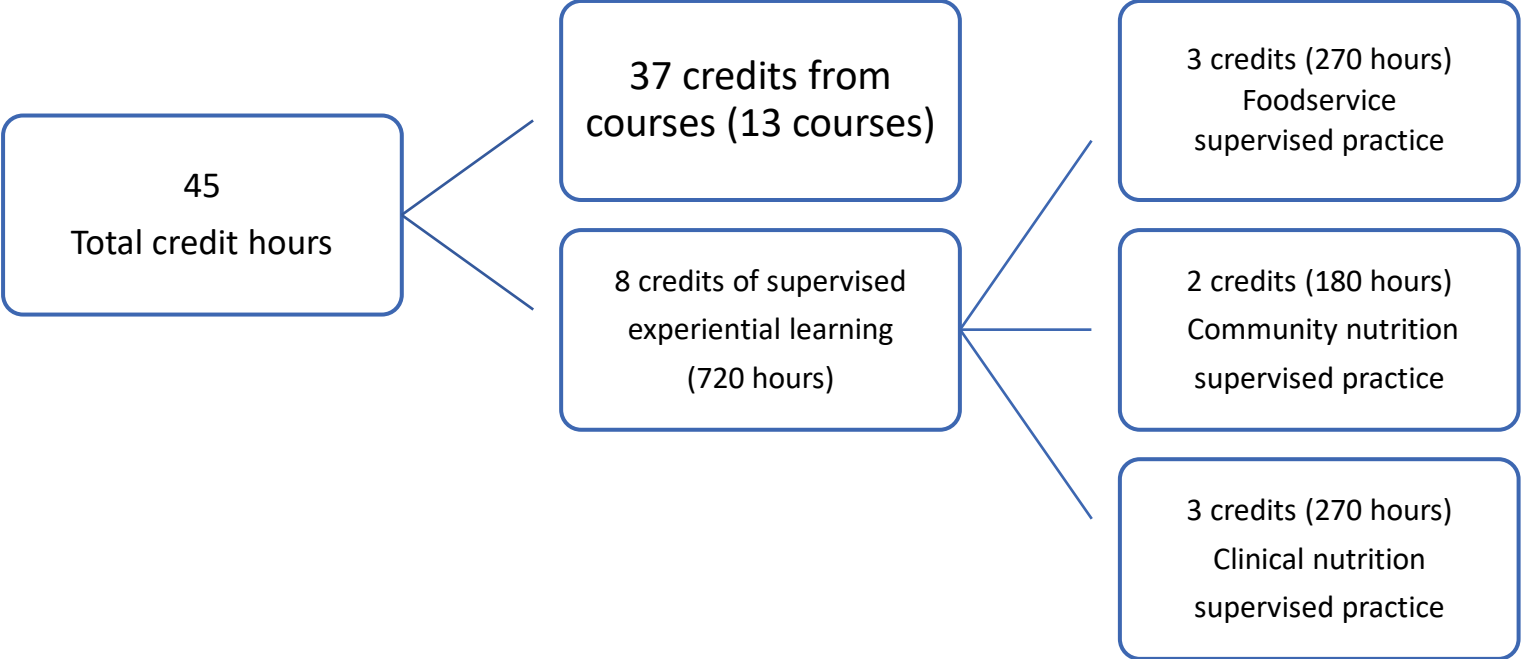
FEM-MSND-SEL - MISSION STATEMENT

The mission of the Master of Science in Nutrition and Dietetics with Supervised Experiential Learning is to provide students the intellectual and humanistic formation in diverse areas of scientific inquiry and be eligible to become Registered Dietitian Nutritionist qualified to offer educational, administrative and clinical services and in the management of foodservice systems.

FEM-MSND-SEL - GOALS

- a. Prepare well-qualified graduates to become Registered Dietitian Nutritionists and contribute to the overall well-being of the population in a variety of educational, administrative, and clinical services, and in the management of foodservice systems settings or related fields.
- b. Prepare graduates for successful future endeavors in Nutrition and Dietetics within a culturally diverse society and for research and problem solving to advance human nutrition and health in a variety of settings.

Credits from courses and supervised experiential learning structure of the MSND



Curricular Sequence

First Year				Summer		Second Year			
1 st Semester	2 nd Semester					3 rd Semester		4 th Semester	
Courses	Crds.	Courses	Crds.	Courses	Crds.	Courses	Crds.	Courses	Crds.
Advanced Data Analysis & Experimental Design	3	Global Nutrition	3	Research Project	3	SEL Foodservice Management	3	SEL Clinical Nutrition	3
Research Methods in Nutrition and Dietetics	3	Foodservice Management	3			Medical Nutrition Therapy & Pathophysiology	3	Advanced Concepts in Nutrition	3
Nutrient Metabolism	3	Nutrition Education & Counseling	3	SEL Community Nutrition	2	Pathophysiology of Life Span	3	Elective	3
Ethics & Professionalism	1	Nutrition Assessment Diagnosis	3			Research Project (Cont.)	0	Research Project (Cont.)	0
Total	10		12		5		9		9

LENGTH OF THE PROGRAM AND MAXIMUM TIME FOR COMPLETION

- The MSND-SEL is designed as a cohort-curricular sequential program.
- Students are expected to be full-time and complete the program in 2 years (four-semester with one summer). Courses will not be offered each semester.
- Students should work diligently to demonstrate successfully expected competencies and pass courses the first time they are taken in compliance with continuing in their individual admission cohort.
- Repeating one course will mean a student waits one year for it to be offered again.
- Certification No. 95 (2019-2020) of the Academic Senate - Academic Policy for Graduate Studies at the Río Piedras Campus:
 - ✓ The student must complete the degree in a maximum time of 5 years.

Planned Supervised Experiential Learning Hours (Required Element 1.5)

Academic Term	Column A	Column B
	Estimated # of hours in Professional Work Setting	Estimated # of hours in Alternate Experiences
Semester 1	0	50.5
Semester 2	0	144
Summer	180	
Semester 1	270	65.5
Semester 2	270	20
Total	720	280
Sum of hours for each category	Total Column A	Total Column B

Total Planned Hours	
Sum of hours in professional work setting and alternate supervised experiential learning experiences	
(Total Sum of Columns A and B)	1,000

Program Admission Criteria | Pathways 1, 2 & 3

Biannual Admission

1. Students with a bachelor's degree in Nutrition and Dietetics.

- Bachelor's degree in Nutrition and Dietetics or equivalent from an authorized and accredited higher education institution in the US
 - ✓ If the degree is ACEND-accredited, a Verification Statement must be presented; if foreign and accredited, the Foreign Dietitian Education (FDE) Verification Statement.
 - ✓ Non accredited foreign degrees must be evaluated by an approved Foreign Degree Evaluation Agency. [International Students – Foreign Degree Evaluation Agencies](#)
- Must have approved with C or more undergraduate courses
- Minimum 3.00 Grade Point Average on a 4.00-point scale
- Minimum 3.00 Grade Point Average in science and math courses on a 4.00-point scale
- Three letters of recommendation, two from university professors
- Short essay (500 words) indicating how pursuing graduate studies will contribute to your development
- Spanish and English proficiency
- Students for whom English is a second language must obtain a minimum score in TOEFL exam of 550 (paper-based) or 213 (computer-based). Exam must have been taken no more than five-years prior

Pathways 2 & 3

For students who have completed an undergraduate degree in:

- Science other than Nutrition and Dietetics
- Fields not related to science and need a Second Major in Nutrition and Dietetics

Must comply with UPR-RP Campus general admission criteria for graduate programs.

2. Students with a bachelor's degree in other science related fields:

In addition to the requirements for a student with a bachelor's degree in Nutrition and Dietetics, students in this pathway must have approved with C or more the following undergraduate course or requirement:

Course code	Course title
BIOL 3101-3102	General Biology I-II
BIOL 3705	Microbiology
QUIM 3001-3002	General Chemistry I-II
QUIM 3015	Organic Chemistry
NUTR 4031	Food Science
NUTR 4041	Human Nutrition I
NUTR 4045	Human Nutrition II
NUTR 4055	Applied Human Nutrition
NUTR 4068	Food Purchasing for Foodservice Systems
NUTR 4086	Layout, Design and Equipment Purchasing for Foodservice Systems
NUTR 4169	Applied Clinical Dietetics

3. Students with a bachelor's degree in field not related to science:

In addition to the requirements for a student with a bachelor's degree in other science related fields, students in this pathway must have approved with C or more the following undergraduate course or their equivalent:

Course code	Course title
MATE 3171-3172	Precalculus I-II
NUTR 4158	Human Biochemistry
NUTR 4159	Human Biochemistry Lab.

To be eligible and prior to submitting an admission application to the Graduate Program

- Admission to the Alternate Second Major is required for a course-by-course evaluation by corresponding institutional academic departments.
- Also, if any additional coursework is needed to complete program undergraduate requirements.
- Conditioned admission:
 - If at the deadline for admission application to the GP the Alternate Second Major requirements are in progress, upon evaluation of an official transcript, the Program will determine eligibility for a conditioned admission to the graduate program.
 - Students with conditioned admission are allowed up to a maximum of 9 credits of required undergraduate courses.
 - Students with conditioned admission are allowed a maximum extension of time to the first semester of the Program.
 - During the allowed extension of time, the student must complete successfully all undergraduate requirements for official admission to the GP.
 - Students under conditioned admission who do not comply with all undergraduate requirements during the maximum extension of time of the first semester will be dismissed from the GP.

For approved Foreign Degrees: <https://www.cdrnet.org/RDNeeligibility>

- If the degree is from outside the US, it is required to have the official transcript evaluated by an approved Foreign Degree Evaluation Agency
<https://www.eatrightpro.org/acend/students-and-advancing-education/international-students/foreign-degree-evaluation-agencies>
- After receiving the evaluation report, contact the MSND-SEL program director to request a review of the official transcript and foreign degree evaluation report.
- The Program will determine if any additional coursework is needed to complete undergraduate requirements. A course-by-course evaluation is required by corresponding institutional academic departments.

Some **NUTR** courses have prerequisites that must be approved prior to register. These courses are the following (must be approved with C or higher):

Course	Course title	Credits	Prerequisites
BIOL 3102	General Biology II	4	
BIOL 3101	General Biology I	4	QUIM 3001
BIOL 3711	Human Biology I	3	BIOL 3102
BIOL 3712	Human Biology II	3	BIOL 3711
BIOL 3705	Microbiology	4	BIOL 3101
QUIM 3001-3002	General Chemistry I-II	4-4	MATE 3170-3172
QUIM 3015	Organic Chemistry I-II	4	QUIM 3002
MATE 3026	Introduction to Statistics with the Computer	3	MATE 3171-3172 o MATE 3018

Suggested Curricular Sequence

Alternate Second Major in Nutrition and Dietetics for students interested in admission to the MS in Nutrition and Dietetics with SEL with prerequisites of Science and Math courses approved

FIRST YEAR				SECOND YEAR			
First Semester		Second Semester		First Semester		Second Semester	
Courses	Creds.	Courses	Creds.	Courses	Creds.	Courses	Creds.
NUTR 4031	3	NUTR 4050	3	NUTR 4161	4	NUTR 4086	3
NUTR 4040	3	NUTR 4170	2	NUTR 4162	1	NUTR 4076	2
		NUTR 4158	3	NUTR 4075	3	NUTR 4163	4
		NUTR 4159	1	NUTR 4160	4	NUTR 4180	3
		NUTR 4198	2				
Sub-total	6	Sub-total	11	Sub-total	12	Sub-total	12

Total Credits for Second Major in Nutrition and Dietetics: **41**

Estudiantes de las rutas 2 y 3 van a requerir tener aprobados con C o más todos los cursos prerequisites antes de ser elegibles y solicitar admisión al MSND-SEL.

Deberán:

1. Solicitar admisión a la Segunda Concentración en Nutrición y Dietética del Recinto de Río Piedras-UPR, en o antes del viernes, 23 de febrero de 2024 (fecha en el Calendario Académico Segundo Semestre 2023-2024)

<https://www.uprrp.edu/oficina-registrador/solicitudes/>

Oficina del Registrador

INICIO

OFICINA ▾

CALENDARIOS ACADÉMICOS

CURSOS

CATÁLOGOS ▾

SOLICITUDES Y CERTIFICACIONES

Localice la solicitud que interesa obtener. Lea cuidadosamente las instrucciones y complete la forma correspondiente. Recuerde revisar las fechas límites para gestionar las solicitudes con tiempo.

Transcripción de Créditos

Certificación de Grado

Entrega de Diploma

Pagos por Internet y Prórroga

Certificación Especial

Certificación Estudiantes con Préstamos Bancarios

Servicios en Portal NEXT
(Readmisión, Traslado,
Reclasificación, Segunda
Concentración, etc.)

SOLICITUD Y PAGOS POR SERVICES DEL PORTAL NEXT:

Puedes solicitar y pagar en línea por SERVICES del Portal NEXT las siguientes solicitudes efectivas para el Segundo Semestre 2023-2024 (enero 2024):

Solicitudes, pagos y fechas límites:

- **Readmisión:** \$35.00 a tiempo (martes 1 de agosto al viernes 13 de octubre de 2023) y \$52.00 tardío (sábado 14 de octubre al martes 31 de octubre 2023)
- **Readmisión-Traslado:** \$35.00 a tiempo (martes 1 de agosto al viernes 13 de octubre de 2023) y \$52.00 tardío (sábado 14 de octubre al martes 31 de octubre 2023)
- **Traslado:** \$25.00 a tiempo (martes 1 de agosto al viernes 13 de octubre de 2023) y \$37.50 tardío (sábado 14 de octubre al martes 31 de octubre 2023)
- **Reclasificación (Cambio de Facultad y/o Concentración):** \$20.00 – martes 1 de agosto al viernes 13 de octubre de 2023
- **Segunda Concentración, Concentración Menor, Certificaciones Profesionales y Segundo Bachillerato:** \$1.35 – martes 1 de agosto al viernes 13 de octubre de 2023

Estudiantes de las rutas 2 y 3 van a requerir tener aprobados con C o más todos los cursos prerequisites antes de ser elegibles y solicitar admision al MSND-SEL.

Continuación:

2. Una vez admitidos y, sujeto a la evaluación inicial de su expediente académico, podrán seleccionar y matricular entre los siguientes cursos según la secuencia curricular:

- ✓ QUIM 3002 - Química General II (4 creds.)
- ✓ NUTR 4031 - Ciencia de los Alimentos (3 creds.)
- ✓ NUTR 4041 - Nutrición Humana I (3 creds.)
- ✓ NUTR 4045 - Nutrición Humana Aplicada (1 cred.)
- ✓ NUTR 4501 - Nutrición Integrativa I: Principios de Alimentos, Nutrición y Educación (1 Cred.)
- ✓ NUTR 4158 - Bioquímica Humana (3 creds.)
- ✓ NUTR 4159 - Laboratorio de Bioquímica Humana (1 cred.)
- ✓ NUTR 4050 - Introducción a SSA (3 creds.)

3. Una vez matriculados en la Segunda Concentración:

- ✓ Se procederá a la “Evaluación Académica” oficial de los cursos que forman parte de un grado de bachillerato previo o en curso, aprobados en otra unidad UPR o institución de educación superior, debidamente autorizada y acreditada por las autoridades correspondientes.
- ✓ Esta evaluación la realizan los departamentos académicos del Recinto de Río Piedras, concernidos en las materias y especialidades y, únicamente a aquellos candidatos que sean admitidos a la Segunda Concentración.
- ✓ Se determinará para cuales de los cursos se solicitará convalidación y aquellos otros que formarán parte del plan de estudio.
- ✓ Dependiendo de cuantos cursos se convaliden será la extensión del plan de estudios.

4. Al completar los requisitos de la Segunda Concentración en Nutrición y Dietética del Recinto de Río Piedras-UPR

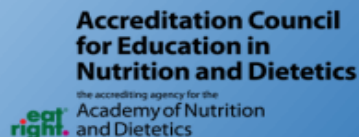
- ✓ Recibirán, al completar el programa graduado, el *Verification Statement (VS)* que es el documento que certifica que el estudiante completó los requisitos de programa subgraduado acreditado por ACEND. De optar no proseguir con su admisión hacia el programa graduado, deberá completar todos los requisitos de la Segunda Concentración para poder recibir el VS.

Future Education Model Competency Based Education

Summer 2021



**ACEND ACCREDITATION
STANDARDS
FOR NUTRITION AND
DIETETICS
GRADUATE DEGREE
PROGRAMS (GP)
(Future Education Model)**



Adopted November 1, 2021; Effective June 1, 2022

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<https://www.eatrightpro.org/acend/accreditation-standards-fees-and-policies/future-education-model-standards-and-templates>

Entry-Level
Competencies

Competencies
and
Performance
Indicators

- Set of defined behaviors that provide a structured guide enabling the identification, evaluation and development of the behaviors in an individual.
- Criteria to measure the required competence to perform a particular function or role, and to provide safe, competent and ethical care/services.

Competence



Competence does **NOT** equal a list of tasks.



Competence is a broad objective that necessitates an integration of **knowledge, skills, and behaviors** in practice.



The Future Education Model Competencies define **minimum level of proficiency of** nutrition and dietetic practitioners.

B. ACEND's Future Education Model Graduate Degree Program Competencies

As established by ACEND's Future Education Model Accreditation Standards for Graduate Degree Programs (GP), MSND-SEL graduates must show 37 competencies (7 Assessment Units), among which there are 16 Graduate Degree Enhanced Competencies (5 Assessment Units) for a Graduate Degree Practitioner (**Appendix A**).

Key Principles



Focus on **future practice**



Have a **balanced approach** between theory and practice



Create an **instructional environment** in which expected competencies and associated assessments are clearly defined



Create **innovative approaches** to ensure students are prepared for future practice



Incorporate **problem solving, critical thinking and reflective practice**

Competency Units



Foundation Knowledge



Client Services



Food Systems Management



Community and Population Health Nutrition



Leadership, Management and Organization



Critical Thinking, Evidence-Informed Practice and Research



Core Professional Behaviors

**Future Education Model Graduate Degree
Competencies and Performance Indicators**
(K=Knows, S=Shows, D=Does)

* denotes an enhanced competency

Unit 1: Foundational Knowledge Applies foundational sciences to food and nutrition knowledge to meet the needs of individuals, groups, and organizations.	
Competencies	Performance Indicators
1.1 Applies an understanding of environmental, molecular factors (e.g. genes, proteins, metabolites) and food in the development and management of disease. (S)	1.1.1 Analyzes the usefulness and limitations of epidemiological, clinical and other study designs and identifies trends in diet and disease. (S) 1.1.2 Demonstrates general understanding of nutrition and genetics, as it relates to health conditions. (K) 1.1.3 Communicates epidemiological evidence related to the relationship between diet and the development of disease. (S) 1.1.4 Demonstrates an understanding of research techniques and processes used to study the relationship between molecules (e.g. genes, proteins, metabolites) and microbes with disease states. (K) 1.1.5 Identifies the influence of food consumption on the development of diseases. (K)
1.2 Applies an understanding of anatomy, physiology, and biochemistry. (S)	1.2.1 Analyzes the impact of food and nutrition on physiological processes. (S) 1.2.2 Integrates knowledge of anatomy, physiology, and biochemistry to make decisions related to nutrition care. (S)
1.3 Applies knowledge of microbiology and food safety. (S)	1.3.1 Applies food safety principles of microbiological food spoilage and strategies for controlling microbial growth. (S) 1.3.2 Implements key principles and practices to make foods safe for consumption at all stages during the flow of food. (S)
1.4 Integrates knowledge of chemistry and food science as it pertains to food and nutrition product development and when making modifications to food. (S)	1.4.1 Analyzes the role of fundamental chemistry and organic chemistry principles on food, human health and metabolism. (S) 1.4.2 Integrates nutritional biochemistry knowledge to make informed food and nutrition decisions for optimal health. (S) 1.4.3 Evaluates the chemical nature and composition of food on food quality, acceptability and compatibility. (S)
1.5 Applies knowledge of patho-physiology and nutritional biochemistry to physiology, health and disease. (S)	1.5.1 Examines nutritional biochemical indicators specific to the disease process. (K) 1.5.2 Interprets and analyzes the effect of diet, fluids, electrolytes and nutritional status on the development and progress of the disease process. (S) 1.5.3 Interprets and analyzes the effects of disease, clinical condition and treatment on nutritional health status. (S) 1.5.4 Analyzes the correlation between mental health conditions and nutritional health. (S)

Graduate Degree Enhanced Competencies

Prescribing medical nutrition therapy

- 1.8 Applies knowledge of pharmacology to recommend, prescribe and administer medical nutrition therapy.
- 1.9 Applies an understanding of the impact of complementary and integrative nutrition on drugs, disease, health and wellness.
- 1.10 Applies knowledge of math and statistics.
- 2.5 Prescribes, recommends and administers nutrition related pharmacotherapy.

Administration/Leadership

- 3.1 Directs the production and distribution of quantity and quality food products.
- 3.2 Oversees the purchasing, receipt and storage of products used in food production and services.
- 5.1 Demonstrates leadership skills to guide practice.
- 5.2 Applies principles of organization management.
- 5.3 Applies project management principles to achieve project goals and objectives.

Global/Community/Public Health

- 1.13 Demonstrates computer skills and uses nutrition informatics in the decision making process.
- 1.15 Applies knowledge of nutritional health promotion and disease prevention for individuals, groups and populations.
- 1.16 Gains a foundational knowledge on public and global health issues and nutritional needs.
- 4.1 Utilizes program planning steps to develop, implement, monitor and evaluate community and population programs.

Product Development (Industry)

- 2.1 Applies a framework to assess, develop, implement and evaluate products, programs and services.

Research

- 1.13 Demonstrates computer skills and uses nutrition informatics in the decision making process.
- 6.2 Applies scientific methods utilizing ethical research practices when reviewing, evaluating and conducting research.

MNT Therapy Counseling

- 2.4 Implements or coordinates nutritional interventions for individuals, groups or populations.
 - Psychological Counseling and Therapies



Graduate Degree Practitioner



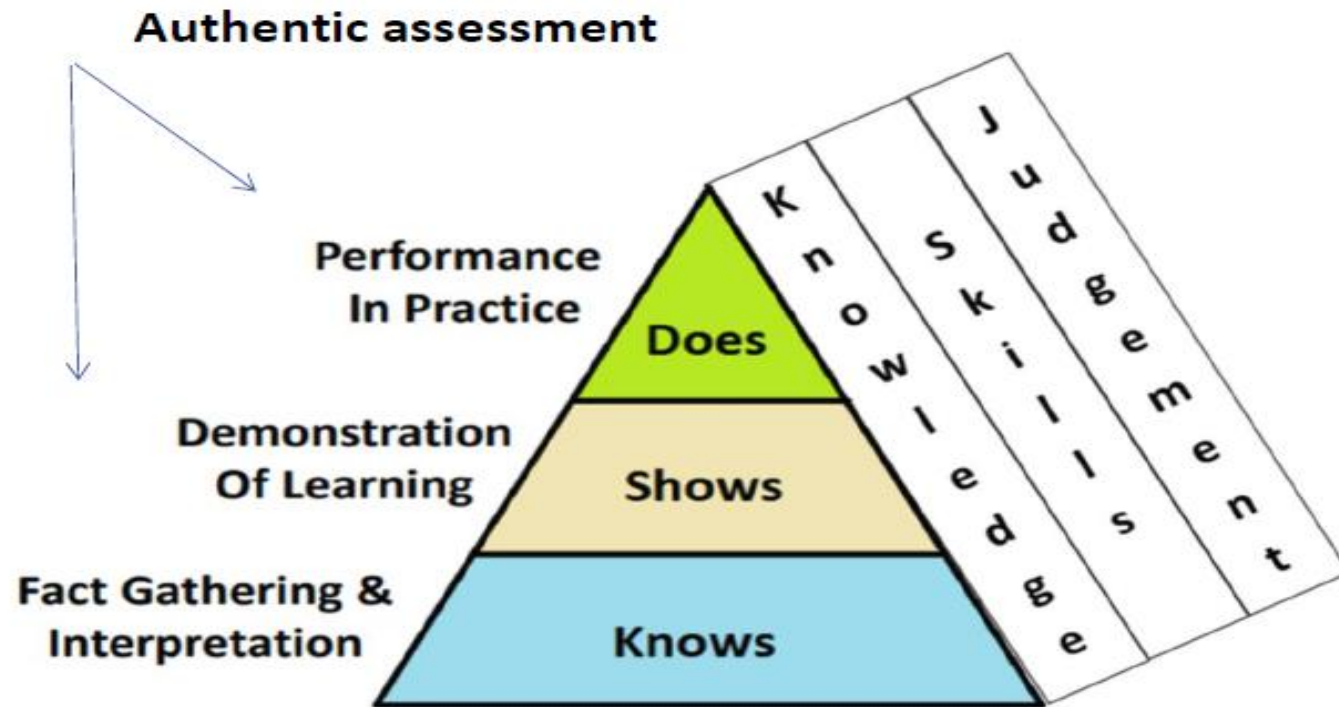
ELIGIBLE CREDENTIAL:
RDN



DEGREE NEEDED:
Master or Higher

-  Prescribing Medical Nutrition Therapy/ Pharmacotherapy
-  Administration/ Leadership/ Entrepreneurship
-  Global/Community/ Public Health
-  Research
-  Medical Nutrition Therapy Counseling/ Behavior Modification

Competency “Shows” and “Does”



**MASTER OF SCIENCE IN
NUTRITION AND DIETETICS
WITH SUPERVISED
EXPERIENTIAL LEARNING**

Distance Education Program
Nutrition and Dietetic Program
College of Natural Sciences



Graduate Student Handbook

Revised September 27, 2023

<https://natsci.uprrp.edu/nutricion/msnd-student-handbook/>

Admisiones Graduadas

Fecha Límite para solicitar admisión Enero 2024:
31 de octubre de 2023

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Conoce las fechas límites para los programas graduados

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<https://solicitud.upr.edu/>



UPR RP

Solicitud de Admisión para Estudios Graduados en la UPR – Río Piedras

Tutorial Informativo

UPR –Río Piedras
Decanato de Estudios Graduados e Investigación

https://drive.google.com/file/d/1Pk4EvdkshuqdAU9IZja_VqTQXfFSgiim/view

¿Qué debo hacer antes de completar la solicitud de admisión?



- ✓ Tener disponible la transcripción de crédito de todos los grados obtenidos.
 - ❑ **Por ejemplo: Transcripción de crédito de bachillerato, Transcripción de crédito de maestría o grado de Juris Doctor**
- ✓ También debe tener disponible la evidencia del grado conferido del grado de bachillerato o maestría.
- ✓ Cotejar las fecha límites y los documentos que debe presentar como parte de la solicitud de admisión graduada.
- ✓ Toda persona que interese radicar una solicitud de admisión para estudios graduados debe contar con el grado mínimo de bachillerato.



PORTAL DE ADMISIONES UPR

<https://solicitud.upr.edu/>

En el momento de completar la solicitud de admisión puede seleccionar el idioma de su preferencia español e inglés y proceder a crear una cuenta.

The screenshot shows the UPR Admissions Portal interface. On the left, there is a dark sidebar with the text 'LPR ADMISIONES' and 'Portal de Admisiones'. Below this, there is a 'Change Language' link circled in red. The main content area is titled 'Solicitantes Nuevos' and contains the text 'Si estás utilizando el Portal de Admisiones por primera vez debes crear una cuenta.' Below this text is a blue button labeled 'Crear Cuenta'. Further down, there is a section for 'Solicitantes con cuenta' with input fields for 'Correo Electrónico' and 'Contraseña', and a 'Restablecer su contraseña...' link. A blue button labeled 'Iniciar sesión' is at the bottom of this section. A red arrow points from the 'Crear Cuenta' button to the text 'Debe seleccionar el enlace CREAR CUENTA' in a red-bordered box at the bottom of the page.

Debe seleccionar el enlace CREAR CUENTA

La Solicitud de Admisión para agosto 2024 estará disponible a partir de la primera semana de diciembre de 2023.

Al momento, no tenemos la fecha límite para someter la solicitud de admisión.

Costos de Estudios

Cuotas y Costos de Matrícula para Estudiantes Graduados

Cuotas & Costos De Matrícula

Ayudas económicas

Conoce las Becas y otras ayudas económicas disponibles para Estudios Graduados

Ver Ayudas Económicas

Documento Guía Para Completar Solicitud De Admisión

https://graduados.uprrp.edu/estudiantiles/admisiones_graduadas/

COSTOS POR CREDITO GRADUADO PARA EL 2023-2024*

Grado Académico	Costo por crédito
Certificado Post Bachillerato	\$205.00
Certificado Post Maestría	\$205.00
Maestría	\$205.00
Maestría en Arquitectura	\$215.00
Doctorado	\$215.00
Juris Doctor	\$305.00
Maestría en Derecho	\$6,250 (por semestre) 12,500 anual
Maestría en Administración de Empresas a Distancia (iMBA)	\$14,075 Costo total

\$205 por crédito

Pudiera variar para el
Año Académico 2024-2025

Al momento de someter
la Solicitud de Admisión
se requerirá el pago de
\$30.00

https://graduados.uprrp.edu/estudiantiles/admisiones_graduadas/

* Certificación 160 (2022-2023) Junta de Gobierno de la Universidad de Puerto Rico

Costos de servicios en el proceso de matrícula

Cuotas relacionadas al proceso de matrícula (según aplique)	Costos
Cuota de Tecnología	\$100.00
Cuota de facilidades	\$200.00
Cuota de laboratorio	\$300.00
Recargo matrícula tardía	\$20.00
Tesis Maestría y Doctorado	\$67.00
Baja parcial (por curso)	\$10.00
Baja Total (por semestre)	\$15.00
Repetición de Curso (por cada curso)	\$20.00

Las Cuotas de Tecnología y Facilidades se pagan cada semestre o sesión del Programa

No aplica la cuota de laboratorio.

https://graduados.uprrp.edu/estudiantiles/admisiones_graduadas/

Información Adicional

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Dra. Ivelisse Acevedo Moreno

Decana Auxiliar de Asuntos Estudiantiles Graduados

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OFICINA DE ASUNTOS ESTUDIANTILES

Becas & Ayudantías

PROGRAMA DE EXPERIENCIAS ACADÉMICAS FORMATIVAS

Programa de Experiencias Académicas Formativas

El Programa de experiencias académicas formativas (PEAF) provee a los estudiantes graduados experiencias académicas y cocurriculares, que amplían su formación académica y profesional. Además, este programa contribuye al desarrollo de la investigación y la enseñanza en el Recinto, elementos medulares de su misión.

PROGRAMA DE BECAS POR MÉRITO Y EJECUTORIAS EQUIVALENTE

Programa de Beca por Mérito Académico y Ejecutorias Excepcionales

La Beca por Mérito Académico y Ejecutorias Excepcionales (PBMA) es una beca competitiva que reconoce a estudiantes cuyas ejecutorias académicas tengan un carácter notable y recomendable que los distinga sobre los demás (incluyendo publicaciones y creaciones). Provee una mensualidad de \$1,200 para estudiantes en programas de maestría y \$1,500 para estudiantes en programas doctorales.

PROGRAMA DE BECAS PARA DISERTACIÓN O TESIS DOCTORAL

Programa de Beca para Disertación, Tesis o Proyecto Equivalente

La Beca para Disertación, Tesis o Proyecto Equivalente (PBDT) es una beca competitiva que le permitirá al becario dedicarse a tiempo completo a su disertación, tesis o proyecto equivalente requerido para completar el grado. Incluye una mensualidad de \$1,200 para estudiantes de maestría y \$1,500 para estudiantes de doctorado.

<https://graduados.uprrp.edu/estudiantiles/becas-y-ayudantias/>

Interested send email to

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MSND-SEL Program Coordinator

nivia.fernandez1@upr.edu

