

NUTRITION AND DIETETICS (PRIOR B.S./B.A.) – M.S.

The M.S. (for bachelor's degree graduates in non-nutrition areas/international students) is a program for persons with a prior bachelor's degree. Students who have completed a bachelor's degree in a nutrition-related field at a non-ACEND accredited program must apply for this degree route. Graduates are eligible to sit for the RDN exam after completion of the M.S. degree.

Program learning outcomes

At the end of this program, the graduate should be able to:

1. Integrate scientific information and translation of research into practice.
2. Demonstrate beliefs, values, attitudes, and behaviors consistent with the professional dietitian nutritionist level of practice.
3. Develop and deliver information, products, and services to individuals, groups, and populations.
4. Apply principles of strategic management and systems in the provision of services to individuals and organizations.
5. Plan, process, and perform nutrition-related research while protecting the public.
6. Demonstrate an ability to translate evidence-based literature into formats that the lay public can understand, including use of videos, writing articles, and counseling.
7. Evaluate emerging trends in nutrition and give competent, evidence-based answers to the public.
8. Use metabolic pathways to determine patient and client nutritional needs.

Admissions

Admission is based on a selective process. In addition to Loma Linda University (<http://llucatalog.llu.edu/about-university/admission-policies-information/#admissionrequirementstext>) and School of Allied Health Professions admissions requirements (<http://llucatalog.llu.edu/allied-health-professions/#generalregulationstext>), the applicant must also complete the following requirements:

- An earned baccalaureate degree from a U.S. accredited institution of higher education or an international institution having appropriate government recognition as a degree-granting institution
- complete program prerequisites
- have a 3.0 G.P.A. or above (science and non-science prerequisites)
- complete an interview

Prerequisites

- College algebra, pre-calculus, or calculus
- Human anatomy with laboratory and human physiology with laboratory, complete sequence (two terms)
- General chemistry with laboratory, 3 quarters/2 semesters
- Microbiology with laboratory
- Human nutrition
- Medical terminology certificate or course

Program requirements

Junior Year		Units
AHCJ 305	Infectious Disease and the Health-Care Provider	1
AHCJ 328 ¹	Wholeness Portfolio I	1
DTCS 302	Food Selection and Presentation	5
DTCS 304 ²	Community Nutrition	4
DTCS 446	Nutrition Counseling and Education	3
DTCS 305	Professional Issues in Nutrition and Dietetics	1
DTCS 321	Nutrition and Human Metabolism	4
DTCS 329	Organic Chemistry with Applications for Nutrition	4
DTCS 334	Biochemistry with Applications for Nutrition	4
DTCS 338	Introduction to Clinical Nutrition	2
DTCS 340	Nutrition through Life Stages	3
DTCS 342	Medical Nutrition Therapy I	5
DTCS 371	Quantity Food Purchasing, Production, and Service	5
DTCS 372	Food Systems Organization and Management	4
Graduate Years		
AHCJ 548	Human Resource Management in the Health-Care Environment	3
AHRM 571	Statistics and Research for Health Professionals I	3
AHRM 572	Statistics and Research for Health Professionals II	3
AHRM 604	Research-Proposal Writing	3
DTCS 506	Professional Seminar in Nutrition and Dietetics	1
DTCS 526	Pharmacology in Medical Nutrition Therapy	2
DTCS 544	Medical Nutrition Therapy II	5
DTCS 545	Nutrition Care Management	4
DTCS 546	Introduction to Integrative and Functional Medical Nutrition Therapy	3
DTCS 554	Advanced Medical Nutrition Therapy	3
DTCS 566	Food Chemistry and Experimental Foods	4
DTCS 574	Advanced Food Systems Management	3
DTCS 576	Exercise Physiology in Medical Nutrition Therapy	3
DTCS 694	Research	1-8
EPDM 509	Principles of Epidemiology	3
NUTR 506	Nutritional Metabolism	3
NUTR 517	Advanced Nutrition I: Carbohydrates and Lipids	4
NUTR 518	Advanced Nutrition II: Proteins, Vitamins, and Minerals	4
NUTR 519	Phytochemicals	2
Elective: Any graduate-level course approved by advisor		4
RELE5__ Graduate-level ethics course		3
Total Units:		113

Affiliation and practicum units are required in addition to the didactic units listed above.

Affiliation and practicum

DTCS 778	Clinical Nutrition Affiliation (6, 12)	12
DTCS 795	Nutrition and Dietetics Graduate Practicum	12
Total Units		24

¹ Register three times to fulfill unit requirement

² Fulfills service learning requirement

Comprehensive Examination

The written comprehensive examination is designed to establish that the student has a broad understanding of nutrition and dietetics, statistics, and basic research methodology. The comprehensive examination will be administered after students have successfully completed the majority of required courses—typically during the Spring Quarter of the student's third year in the M.S. program.

Normal time to complete the program

One (1) year (three [3] academic quarters) of undergraduate preparatory work plus two (2) years (eight [8] academic quarters) of graduate course work at LLU – based on full-time enrollment