

NUTRITION (MS)

Offered at: San Luis Obispo Campus

<https://fsn.calpoly.edu/ms-nutrition>

The MS in nutrition program is designed to prepare graduates for advancement, specialization, and leadership in nutrition or healthcare careers. In addition, graduates will be prepared for further education in professional schools, allied health professions, or doctoral studies in a number of academic areas including public health, animal science, or the social sciences. The interdisciplinary Graduate Group in Nutrition (GGN) allows students to work with faculty from several departments and to choose a research topic from a broad range of themes including human nutrition, animal nutrition, kinesiology, public health, business, or social sciences.

Students are encouraged to select an area of emphasis from the following possibilities:

- Molecular Nutrition
- Public Health Nutrition
- Health and Wellness
- Dietetics

Requirements for Admission

Students apply via Cal State Apply and must submit a statement of purpose and three letters of reference.

For applicants with degrees from outside the U.S., all of the above applies, plus:

- Your international credentials must be evaluated by one of these agencies:
AACRAO, ACEI, WES or IERF
- Proficiency in English must be demonstrated by taking TOEFL (Test of English as a Foreign Language) within the last 2 years with an internet score of 80 or greater or ELTS (International English Language Testing System) must be taken within 2 years with a score of 6.0 or greater
- TOFEL or ELTS is required to issue an I20 visa

Prerequisites: Most applicants with undergraduate degrees in nutrition are eligible to apply for the traditional MS in nutrition program. Applicants with other undergraduate degrees are also eligible to apply, with prerequisite coursework. See FSN website (<https://fsn.calpoly.edu/ms-nutrition/>) for details.

Minimum GPA: 2.5

Application due date: Admission is for the Fall term. Please see Graduate Student Dates and Deadlines (<https://www.calpoly.edu/admissions/graduate-student/dates-and-deadlines/>) for application deadlines.

Advancement to Candidacy

Completion of 8 units of graduate coursework completed with a cumulative GPA of 3.0 or higher.

Culminating Experience

Project (NUTR 5598) or Thesis (FSN 5599)

The BS/MS program in Nutrition provides undergraduate students with an advanced option to complete a BS and MS in Nutrition with both degrees being conferred simultaneously.

Blended Options

BS Nutrition + MS Nutrition

Units Double Counted

0 units are double counted.

Requirements for Admission to the Blended Program

Students apply directly to the program and not through Cal State Apply; please contact the department graduate coordinator.

- Prerequisites: Nutrition major. Applications must be approved before the student has completed 110 units toward their undergraduate curriculum requirement. If students reach 110 units for the undergraduate requirement, they are not eligible for the blended program. Students must have taken the following courses and received a grade of B- or better.
 - CHEM 1120
 - CHEM 2240
 - BIO 1151
- Minimum GPA: 3.0
- Timeline for admission: Applications are submitted in the fall term and decisions are provided to applicant by the end of Spring semester of their application year.
- Application materials: Application and two letters of recommendation.

Program Learning Objectives

1. Apply fundamental principles of science in nutrition research, professional practice, and required coursework.
2. Explain, analyze, and interpret fundamental scientific concepts in the specific area of nutrition and dietetics.
3. Apply appropriate methodology to nutrition research or issues in professional practice through the design, conduct, and defense of a culminating experience.
4. Apply critical thinking skills to the analysis of published nutrition and dietetics literature and the design/interpretation of a culminating experience.
5. Show independent and creative thinking skills in the formulation, design, conduct, and interpretation of nutrition and dietetics culminating experiences.
6. Demonstrate strong written and oral communication skills while addressing issues in nutrition and dietetics.
7. Work productively, respectfully, and professionally as part of nutrition and dietetics research or other professional teams.
8. Exhibit leadership, ethical conduct, and community values when working with peers and professionals in nutrition and dietetics.

Code	Title	Units
REQUIRED COURSES		
NUTR 5516 or NUTR 5531	Nutrition Epidemiology Lipid Metabolism and Nutrition	2-3
NUTR 5528	Biochemical and Molecular Aspects of Human Macronutrient Metabolism	3
NUTR 5529	Metabolic and Molecular Aspects of Vitamins and Minerals	3
NUTR 5582	Current Nutrition Research	1
NUTR 5598 or FSN 5599	Nutrition & Dietetics Capstone Project Thesis	4
STAT 5110	Introductory Statistics for Graduate Students	3
Approved Electives		
Select any 5000-level NUTR courses ¹		13-14
Total Units		30

¹ Courses can only be used once for major degree credit.