Nutritional Sciences
In the School of Exercise and Nutritional Sciences
In the College of Health and Human Services

OFFICE: Exercise and Nutritional Sciences 351
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http://ens.sdsu.edu

Director of School: Fred W. Kolkhorst, Ph.D.

Faculty
Mark J. Kern, Ph.D., Professor of Exercise and
Nutritional Sciences
Mee Young Hong, Ph.D., Associate Professor of Exercise and
Nutritional Sciences
Shirin Hooshmand-Yazdi, Ph.D., Assistant Professor of Exercise and
Nutritional Sciences

Associateships and Assistantships
Graduate teaching associateships are available for a limited
number of qualified students. These provide essential education,
technical training, and creative experience necessary for future
professional and scholarly activity or college-level teaching. Graduate
assistantships are also available in some cases to aid faculty research.
Application blanks and additional information on graduate programs
may be obtained from the School of Exercise and Nutritional Sciences website at http://ens.sdsu.edu.

General Information
The School of Exercise and Nutritional Sciences offers graduate
study leading to the Master of Science degree in nutritional sciences
and a concurrent graduate program leading to a Master of Science
degree in nutritional science and M.S. degree in exercise physiology.
In order to be granted permission to enroll in coursework leading
to completion of the didactic program in dietetics (accredited by
the Commission on Accreditation for Dietetics Education), students
admitted to the Master of Science degree program in nutritional
sciences, or the dual degree program Master of Science in nutritional
sciences and Master of Science in exercise physiology, must have
completed all of the following (or equivalent courses) with a GPA of
3.6 or higher: Biology 100, 100L, 211, 211L, 212, 336; Chemistry 100,
130, 160; and a statistics course (e.g. Psychology 270).

Admission to Graduate Study
Students applying for admission should electronically submit the
university application available at http://ens.sdsu.edu along with
the SDS application fee.
All applicants must submit admissions materials separately to
SDSU Graduate Admissions and to the School of Exercise and
Nutritional Sciences.

Graduate Admissions
The following materials should be submitted as a complete
package directly to:
Graduate Admissions
Enrollment Services
San Diego State University
San Diego, CA 92182-7416

(1) Official transcripts (in sealed envelopes) from all
postsecondary institutions attended;
Note:
• Students who attended SDSU need only submit trans-
scripts for work completed since last attendance.
• Students with international coursework must submit
both the official transcript and proof of degree. If docu-
ments are in a language other than English, they must
be accompanied by a certified English translation.

(2) GRE scores (http://www.ets.org, SDSU institution code 4682);
(3) English language score, if medium of instruction was in
a language other than English (http://www.ets.org, SDSU
institution code 4682).

Master of Science Degree in Nutritional Sciences

Master of Science Degree in Nutritional Science and
Master of Science Degree in Exercise Physiology

The following materials should be mailed or delivered by February
1 for admission for the fall semester to:
School of Exercise and Nutritional Sciences
(Attention: Graduate Adviser)
San Diego State University
5500 Campanile Drive
San Diego, CA 92182-7251

(1) Two letters of recommendation;
(2) Statement of purpose (1-2 pages describing applicant's
background, research interests/experiences, and goals).

Master of Science Degree in Nutritional Sciences

General Information
For information regarding graduate coursework and research
experience leading to a Master of Science degree in nutritional
sciences, contact the adviser in the School of Exercise and Nutritional
Sciences. The general program of study may include coursework
in nutrition or food science. Thesis research in nutrition may be conducted
using human subjects or experimental animals. Research activity of
the faculty currently includes: nutritional status of children, elders, and
ethnic groups; metabolic studies on cholesterol and energy balance;
and factors affecting human lactation, body composition and obesity,
athletic performance and fitness, composition of human milk and
compositions, and stability of foods. Laboratories, including animal facil-
ities and equipment, at SDSU support research conducted under the
direct supervision of the nutritional sciences graduate faculty. In addition,
students may conduct research at other facilities in the community in
conjunction with collaborative studies pursued by nutritional sciences
faculty and researchers at other institutions in San Diego.

Graduates with the M.S. degree in nutritional sciences are
employed as administrators or service providers of community
nutrition programs, food service supervisors, and community college
educators, as well as, in administrative, research, or quality control
positions within industry and government.

Admission to the Degree Curriculum
All students must satisfy the general requirements for admission
to the university with classified graduate standing as described in
Part Two of this bulletin. In addition, students must have bachelor's
degrees in foods and nutrition or related fields and satisfy the prereq-
usites of the courses selected. If students’ undergraduate prepa-
ration is deemed insufficient, students will be required to complete
specified courses in addition to the minimum of 30 units required
for the master's degree in nutritional sciences. Students must have
a grade point average of 3.0 in the last 60 semester units attempted,
and a minimum score of 475 (old GRE score) or 151 (new GRE score)
on the verbal and 475 (old GRE score) or 142 (new GRE score) on the
quantitative sections of the GRE General Aptitude Test.

Students will be admitted ONLY in the fall semester. Submit
applications no later than February 1.
Advancement to Candidacy
All students must satisfy the general requirements for advancement to candidacy as described in Part Four of this bulletin.

Specific Requirements for the Master of Science Degree
(Major Code: 13061) (SIMS Code: 552933)
In addition to meeting the requirements for classified graduate standing and the basic requirements for the master’s degree as described in Part Four of this bulletin, the student must complete a graduate program of at least 30 units including at least 21 units from courses listed as acceptable to the master’s degree program in nutritional sciences. At least 18 units must be in 600- and 700-numbered courses. Required courses include six units selected from Nutrition 607, 608, 610; either Nutrition 600 or 700; and Exercise and Nutritional Sciences 601 and 602. Also, students complete their degree by choosing either Plan A or Plan B. In Plan A, all students will include Nutrition 799A (thesis) for completion of their degree, accompanied by final oral examination on the field of the thesis and on the implications of the thesis research for the broader field of nutritional sciences is also required. If students select Plan B, Exercise and Nutritional Sciences 790 (Directed Readings) is required for completion of the degree.

The school expects a student to complete the degree within seven years. Failure to complete the degree requirements within seven years will result in dismissal from the program.

Master of Science Degree in Nutritional Sciences and Master of Science Degree in Exercise Physiology
Admission to the Degree Curriculum
All students must satisfy the general requirements for admission to the university with classified graduate standing as described in Part Two of this bulletin. In addition, a student applying for admission to the concurrent program in nutritional science and exercise physiology must meet the following requirements.

1. A grade point average (GPA) of at least 3.0 in the last 60 units of coursework.
2. A bachelor’s degree in foods and nutrition, exercise science, kinesiology, physical education, or related fields. Students will be required to complete or have equivalent preparation in Biology 212, 336, Chemistry 100, 130, 160, Nutrition 201, 302, 302L, and Exercise and Nutritional Sciences 303, 304, 304L, and an undergraduate statistics course.
3. A minimum score of 475 (old GRE score) or 151 (new GRE score) on the verbal and 475 (old GRE score) or 142 (new GRE score) on the quantitative sections of the GRE General Aptitude Test.

Students will be admitted ONLY in the fall semester. Submit applications no later than February 1.

Electives:
Seven units to be selected with approval of graduate adviser.

If a student, after entering the concurrent program leading to a Master of Science degree in nutritional sciences and a Master of Science degree in exercise physiology returns to a single degree program, all the requirements for the single degree program must then be met.

The school expects the student to complete the degree requirements within seven years. Failure to complete the degree requirements within seven years will result in dismissal from the program.
Courses Acceptable on Master's Degree Programs (NUTR)

Refer to Courses and Curricula and Regulations of the Division of Graduate Affairs sections of this bulletin for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.

UPPER DIVISION COURSES

NUTR 510. Nutrition and Community Health (3)
Two lectures and three hours of activity.
Prerequisites: Grade of C or better in Nutrition 203, 302, 302L, 304, and consent of instructor.
Nutritional problems in the community with consideration of their resolution. Field placement experience required.

NUTR 596. Advanced Studies in Nutrition (1-6)
Prerequisite: Nine upper division units in nutrition.
Advanced study of selected topics. May be repeated with new content. See Class Schedule for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor's degree. Maximum credit of nine units of 596. No more than six units of 596 may be applied to a bachelor's degree. Credit for 596 and 696 applicable to a master's degree with approval of the graduate adviser.

GRADUATE COURSES

NUTR 600. Seminar: Foods and Nutrition (3)
Prerequisites: Nutrition 301, 302, and 302L.
Introductory seminar of research and research publications in foods and nutrition.

NUTR 607. Child Nutrition (3)
Prerequisites: Nutrition 302 and 302L.
Nutrition, health, and biochemical growth in children. Conditions leading to malnutrition, prevention, and correction.

NUTR 608. Geriatric Nutrition (3)
Prerequisites: Nutrition 302 and 302L.
Biomedical and psychosocial aspects of aging that affect food habits, nutritional status, and nutrient needs of elders.

NUTR 610. Nutrition and Energy (3)
Prerequisites: Nutrition 302, 302L, and 309.
Methods for measurement of energy intake and expenditure assessment, factors which control food intake and energy expenditure, and examination of normal and specialized needs of energy requirements.

NUTR 700. Seminar in Nutrition (3)
Prerequisites: Nutrition 302 and 302L.
Reading and analyses of basic and applied research in nutrition.

NUTR 798. Special Study (1-3) Cr/NC/RP
Prerequisite: Consent of staff; to be arranged with the instructor and approval of graduate program adviser.
Individual study. Maximum credit six units applicable to a master's degree.

NUTR 799A. Thesis (3) Cr/NC/RP
Prerequisites: An officially appointed thesis committee and advancement to candidacy.
Preparation of a thesis for the master's degree.

NUTR 799B. Thesis Extension (0) Cr/NC
Prerequisite: Prior registration in Thesis 799A with an assigned grade symbol of RP.
Registration required in any semester or term following assignment of RP in Course 799A in which the student expects to use the facilities and resources of the university, also student must be registered in the course when the completed thesis is granted final approval.

NUTR 799C. Comprehensive Examination Extension (0) Cr/NC
Prerequisite: Completion or concurrent enrollment in degree program courses.
Registration required of students whose only requirement is completion of the comprehensive examination for the master's degree. Registration in 799C limited to two semesters.