



2000-01: Approval of Concurrent M.S. Degrees in Nutritional Sciences & Exercise Physiology

Nutritional Sciences

Specific Requirements for the Master of Science Degree

(Major Code: 13061)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Two 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. A final oral examination on the field of the thesis and on the implications of the thesis research for the broader field of nutritional science is also required.

Required courses include six units selected from Nutrition 606, 607, 608, 610; either Nutrition 600 or 700; and Exercise and Nutritional Sciences 601 and 602. All course selections for the graduate program must be approved by the graduate adviser.

In Plan A, all students will include Nutrition 799A, Thesis.

The dietetic internship, a post-baccalaureate certificate program, administered by SDSU's College of Extended Studies in collaboration with the Department of Exercise and Nutritional Sciences, is accredited by the American Dietetic Association (ADA) and provides the supervised practice hours required to meet the performance criteria of entry-level dietitians. Those who successfully complete this program will be eligible to sit for the ADA Registration Examination – the third and final step towards becoming a Registered Dietitian, and an active member of ADA.

Students in the dietetic internship program may concurrently pursue the M.S. degree program in Nutritional Sciences at SDSU, but they must apply separately for admission to that degree program.

The department 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 Science and Master of Science Degree in Exercise Physiology

Admission to Graduate Study

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 302, 302L, and either Nutrition 204 or 311, and Exercise and Nutritional Sciences 303, 304, 314, and an undergraduate statistics course.

3. A minimum score of 475 on each of the verbal and quantitative sections of the GRE General Test.

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

Advancement to Candidacy

All students must satisfy the general requirements for advancement to candidacy, as described in Part Two of this bulletin.

Specific Requirements for the Master of Science in Nutritional Science and Master of Science in Exercise Physiology

(Major Code: 08356)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Two of this bulletin, the student must complete an officially approved course of study of not less than 48 units as outlined below.

- ENS 601 Experimental Methods in Exercise and Nutritional Science (3)
- ENS 602 Research Evaluation in Exercise and Nutritional Science (3)
- ENS 632 Physiological Chemistry of Exercise (3)
- ENS 659 Exercise Cardiology and Pathology (3)
- ENS 661 Seminar in Advanced Physiology of Exercise (3)
- ENS 662 Advanced Exercise Physiology Laboratory (3)
- ENS 666 Adult Fitness: Exercise Prescription (3)
- ENS 668 Adult Fitness: Exercise Leadership and Administration (3)
- ENS 796 Exercise Specialist Internship (3) Cr/NC
- ENS 798 Special Study (2) Cr/NC/SP
- NUTR 600 Seminar: Foods and Nutrition (3)
- NUTR 607 Child Nutrition (3)
- NUTR 608 Geriatric Nutrition (3)
- NUTR 610 Nutrition and Energy (3)
- NUTR 700 Seminar in Nutrition (3)
- NUTR 798 Special Study (1) Cr/NC/SP
- ENS 799A Thesis (3) Cr/NC/SP

OR

NUTR 799A

If a student, after entering the concurrent program leading to a Master of Science degree in nutritional science 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. A final oral examination in the field of the thesis and its implications to the broader fields of nutritional science and exercise physiology is also required.

The department 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.



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Exercise Physiology

Students must develop and sign a formal plan of study which must be approved by both a faculty adviser and the graduate adviser. This official program of study is developed when the student has completed between 12 and 21 units of study, and must be filed with the Graduate Division as a prerequisite for advancement to candidacy.

The department 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.

Required courses (36 units):

ENS 601 Experimental Methods in **Exercise and Nutritional Science** (3)
ENS 602 Research Evaluation in **Exercise and Nutritional Science** (3)
ENS 632 Physiological Chemistry of **Exercise** (3)
ENS 659 **Exercise** Cardiology and Pathology (3)
ENS 661 Seminar in Advanced **Physiology of Exercise** (3)
ENS 662 Advanced **Exercise Physiology** Laboratory (3)
ENS 666 Adult Fitness: **Exercise** Prescription (3)
ENS 668 Adult Fitness: **Exercise** Leadership and Administration (3)
ENS 796 **Exercise** Specialist Internship (3) Cr/ NC
ENS 799A Thesis (3) Cr/ NC/ SP
Electives (6 units): Electives to be selected with approval of graduate adviser.

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

Admission to Graduate Study

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 302, 302L, and either Nutrition 204 or 311, and **Exercise and Nutritional Sciences** 303, 304, 314, and an undergraduate statistics course.
3. A minimum score of 475 on each of the verbal and quantitative sections of the GRE General Test.

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

Advancement to Candidacy

All students must satisfy the general requirements for advancement to candidacy, as described in Part Two of this bulletin.

Specific Requirements for the Master of Science in **Nutritional Science** and Master of Science in **Exercise Physiology**

(Major Code: 08356)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Two of this bulletin, the student must complete an officially approved course of study of not less than 48 units as outlined below.

ENS 601 Experimental Methods in **Exercise and Nutritional Science** (3)
ENS 602 Research Evaluation in **Exercise and Nutritional Science** (3)
ENS 632 Physiological Chemistry of **Exercise** (3)
ENS 659 **Exercise** Cardiology and Pathology (3)
ENS 661 Seminar in Advanced **Physiology of Exercise** (3)
ENS 662 Advanced **Exercise Physiology** Laboratory (3)
ENS 666 Adult Fitness: **Exercise** Prescription (3)
ENS 668 Adult Fitness: **Exercise** Leadership and Administration (3)
ENS 796 **Exercise** Specialist Internship (3) Cr/ NC
ENS 798 Special Study (2) Cr/ NC/ SP
NUTR 600 Seminar: Foods and Nutrition (3)
NUTR 607 Child Nutrition (3)
NUTR 608 Geriatric Nutrition (3)
NUTR 610 Nutrition and Energy (3)
NUTR 700 Seminar in Nutrition (3)
NUTR 798 Special Study (1) Cr/ NC/ SP
ENS 799A Thesis (3) Cr/ NC/ SP

OR

NUTR 799A

If a student, after entering the concurrent program leading to a Master of Science degree in **nutritional science** 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. A final oral examination in the field of the thesis and its implications to the broader fields of **nutritional science** and **exercise physiology** is also required.

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Courses Acceptable on Master's Degree Programs

UPPER DIVISION COURSE

Exercise and Nutritional Sciences Course

596. Selected Topics in **Exercise and Nutritional Sciences** (1-3) I, II

Selected topics in **exercise and nutritional sciences**. May be repeated with new content and approval of instructor. 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 six units of 596 applicable to a bachelor's or master's degree. Maximum combined credit of six units of 596 and 696 applicable to a 30-unit master's degree.

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