Food and Nutritional Sciences, M.S.

**DEPARTMENT**

MS in Food and Nutritional Sciences, M.S.
BS in Human Nutritional Sciences, B.S.
BS in Food Sciences - Culinology Option, B.S.
BS in Food Sciences - Food Technology Option, B.S.
MN in Food Science, Minor
CERT in Dietetics, Certificate of Adv. Study

**REQUIREMENTS**

Department of Food Science and Nutrition

**Master of Science Program**

**Food and Nutritional Sciences**

**Mission.** The Master of Science in Food and Nutritional Sciences at California State University, Fresno provides for development of advanced level knowledge, development of research abilities, and the mentoring of future leaders.

**Outcomes.** The program graduates will be able to (a) use knowledge and critical thinking skills to identify innovative solutions to problems, (b) communicate research findings through professional presentations and publications, (c) advance their careers, and (d) take an active role in their profession.

This program provides a graduate-level proficiency in food science or nutrition. The degree is applicable to specializations in food research, production, processing, chemistry, and microbiology; and dietetics, nutrition, nutrition education, and food service systems management.

**Prerequisite Courses.** The Master of Science in Food and Nutritional Sciences assumes preparation equivalent to a California State University, Fresno undergraduate major in food science, dairy science, nutrition, dietetics and food administration, or related areas.

Students with undergraduate degrees in other fields or from other institutions who need to make up course deficiencies should consult with the graduate coordinator. The following specific prerequisite foundation courses, or their equivalents, are required:

- Food Science: FSC 112, FSC 115, FSC 125, FSC 141, FSC 144, NUTR 54
- Nutrition/Dietetics: CULG 152 and NUTR 54, NUTR 147, NUTR 149E, NUTR 153, NUTR 160, or completion of an ADA-accredited didactic program in dietetics as evidenced by a signed verification statement.

**Program Requirements**

All students must complete a 12-unit common core. Under the direction of the graduate adviser, students may focus a program in a specialized area to meet their career goals. This is accomplished by the selection of a minimum of 12 units of electives. A 6-unit thesis completes the program of study. A minimum of 21 units must be taken at the 200 level.

**Core**

FN 200 (3 units)
200-level statistics course (3 units)
(See Graduate Advising Notes.)
FN 223 (3 units)
FN 229 (1+1+1 units)

**Approved Electives**

200- or 100-level courses appropriate to individually designed program; must be approved by adviser prior to enrollment (12 units)

**Culminating Experience**
FN 299 (6 units)

**Total minimum (30 units)**

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**Advising Notes for M.S. in Food and Nutritional Sciences**

1. Several of the 200-level and approved elective courses have prerequisites other than courses listed as admission requirements.
2. The statistics requirement may be met with any adviser approved 200-level statistics course offered by the university.
3. Students should request specific information concerning the master of science degree and the program advising sheet from the department office.
4. Upon admission, students should see the department graduate program coordinator for assistance in selection of a graduate adviser.
5. To progress through the graduate program, the student must:
   a. Maintain a minimum of 3.0 GPA
   b. Complete all prerequisite coursework
   c. Attain classified standing
   d. Meet the graduate writing proficiency requirement
   e. File for advancement to candidacy
   f. Complete the program requirements
   g. File a master thesis committee assignment form
   h. Formally present and defend the thesis results
6. The Graduate Writing Skills requirement for the graduate program in Food and Nutritional Sciences may be met by passing the writing component of AGRI 220 or FN 200. Please see the program's graduate adviser for more information.
7. Advancement to candidacy requires the completion of 9 program units in residence, a minimum GPA of 3.0, meeting the graduate writing proficiency requirement, and filing a petition for advancement to candidacy a minimum of one semester prior to enrollment in thesis and within the deadline.
8. Students may apply a maximum of 3 units each of FN 290 or FN 292 to their program.
9. See Division of Graduate Studies in this catalog for university requirements.

**FACULTY**

The faculty members continue to be recognized for quality hands-on education as well as scholarly contributions to their academic disciplines. Each student is assigned to a faculty adviser to maximize the student's educational experience at California State University, Fresno. The faculty are noted for cooperation and activity within each industry to prepare and place graduates in their chosen career.

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the faculty pages.

The faculty pages are updated by the department or program.