Food & Nutritional Sciences - Food Science Option, B.S.

DEPARTMENT

Department of Food Science and Nutrition
Steve Pao, Chair
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www.fresnostate.edu/jcast/fsn/

BS in Food & Nutritional Sciences - Dietetics & Food Administration Option, B.S.
BS in Food & Nutritional Sciences - Food Science Option, B.S.
MN in Food & Nutritional Sciences, Minor
BS in Food & Nutritional Sciences - Culinology Option, B.S.
CERT in Dietetics, Certificate of Adv. Study
Coursed Offered

Join the leader in science, technology, and management. Students majoring within the Department of Food Science and Nutrition are prepared for a wide range of professions in the food industry — the largest single industry in the United States. California State University, Fresno is centered in the greatest food production and processing area in the world.

Some of the largest and best dairy and food companies cooperate with the university to provide students with a view of commercial realities in this industry. There is strong demand for dietitians and nutritionists by the health care and food service industries.

Instructional Facilities
The department facilities include the Dairy Processing Plant, Food Processing Research Laboratory, the Food Preparation and Product Development Laboratories, Food Science Analytical Laboratory, Food Sensory Laboratory, and the Computer Laboratory. These facilities are used by students and faculty to provide a practical education founded on science and technology.

REQUIREMENTS

Bachelor of Science Degree Requirements

Food and Nutritional Sciences Major

1. Food Science Option requirements (40-43 units)*

Core (12 units): FSC 1, 41, 178; NUTR 53

Career Specialties (28-31 units)

• General Food Science (31 units): FSC 100, 112, 115, 120, 125, 141, 142, 144
• Food Agribusiness Career Specialty (31 units): CULG 50; FSC 100; FSM 60, 131; AGBS 1, 31, 71, 76, 117, 120, 160
• Food Plant Operation and Management Career Specialty (28 units): FSC 120, 141, 142, 144; IT 52, 92, 112, 118

Additional requirements (4-31 units)*

General Food Science (31 units): CHEM 1A, 1AL, 1B, 1BL, 8, 150; MATH 11, 75; BIOL 20; PHYS 2A
Food Agribusiness Career Specialty (4 units): FSC 141 or 142
Food Plant Operation and Management Career Specialty (20 units): CHEM 1A, 1AL; MATH 11, 75; BIOL 20; PHYS 2A

Elective Units (0-21 units)

• General Food Science (0 units)
• Food Agribusiness Career Specialty (choose 21 units from the following): AGBS 5, 28, 100, 124, 164; ENTR 81, 151, 161, 163B, 165; CULG 55, 152; FSC 112, 115, 120, 125, 144
• Food Plant Operation and Management Career Specialty (choose 14 units from the following): IT 104, 107, 114, 115, 117, 131, 148, 190
2. General Education requirements (49 units)

3. Other requirements (6 units)
Upper-division writing and Multicultural and International (MI)

4. Sufficient elective units to meet required total units (varies)

5. Total units (120)*

* Depending upon the Specialty that is chosen, 6 to 10 units of required courses may be used to satisfy General Education: MATH 11 or MATH 75 (3 units B4), CHEM 1A/1AL or PHYS 2A (4 units B1), AGBS 1 (3 units D3) and NUTR 53 (3 units E). G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. See advisor for details.

Advising Notes

1. Students should contact the program coordinator to schedule an academic advising appointment each semester. Since many courses are sequential in nature, it is important for new, transfer, or returning students to contact the program coordinator one semester prior to intended enrollment. Note: A minimum 2.3 GPA is required for on campus entry of the department options.

2. CR/NC grading is not permitted for courses included in the major and additional requirements, except work experience (FSC 193; FSM 193; and NUTR 193).

3. Grade Policy - all courses listed under major and additional requirements require a grade of C or better.

4. General Education courses designated as required by the department are prerequisite to many courses in the program of study.

5. The upper-division writing skills requirement can be met by passing the university upper-division writing examination or by passing an approved upper-division writing skills course. One unit of credit (in ENGL 100W) may be earned for passing the examination if requested by the student; by obtaining a letter grade of C or higher in an approved course (e.g., PLANT 110W) the student meets the university writing skills requirement.

6. For further information related to the Registered Dietitian Nutritionist Career Specialty, see the Food Science and Nutrition Department Didactic Program in Dietetics (DPD) Student Handbook: https://www.fresnostate.edu/jcast/fsn/degrees-programs/dietetics/index.html.

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.