Food Science and Nutrition
School of Fisheries and Ocean Sciences
School of Natural Resources and Agricultural Sciences
907-474-7824
907-474-7083
www.sfos.uaf.edu
www.uaf.edu/snras/

Food science is the study of the chemical, biological and engineering aspects of food and its components. Knowledge from diverse scientific disciplines is integrated to develop new methods for processing and fabricating foods while assuring safe, nutritious and acceptable products.

From a chemical, microbiological and physical standpoint, food is the most complex of all natural products. Food science is a high-technology field; the results of research and development reach people and animals daily as safe, nutritious and acceptable foods.

This program emphasizes the food uses of fish, game and other traditional foods. It provides students majoring in a natural science, engineering, northern agriculture or management with a strong emphasis area in food science and nutrition. The food industry is the largest employer in the United States, and job openings are available for people trained as food technologists.

The following courses are part of the food science and nutrition program:

FISH F261—Introduction to Seafood Science and Nutrition ................................................................. 3
FISH/FSN F460—Food Science and Technology Internship ................................................................. 3 – 6
All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements.

**Baccalaureate Core Requirements**

**COMMUNICATION (9)**
Complete the following:
- ENGL F111X .................................................(3) ___
  *ENGL F190H may be substituted.*
- Complete one of the following:
  - ENGL F211X OR ENGL F213X ..........................(3) ___
- Complete one of the following:
  - COMM F131X OR COMM F141X ..........................(3) ___

**PERSPECTIVES ON THE HUMAN CONDITION (18)**
Complete all of the following four courses:
- ANTH F100X/SOC F100X ......................................(3) ___
- ECON F100X OR PS F100X ......................................(3) ___
- HIST F100X ......................................................(3) ___
- ENGL/FL F200X ..................................................(3) ___
Complete one of the following three courses:
- ART/MUS/THR F200X, HUM F201X OR ANS F202X ....(3) ___
Complete one of the following six courses:
- BAS F323X, COMM F300X, JUST F300X, NRM F303X,
  PS F300X OR PHIL F322X ......................................(3) ___
**OR complete 12 credits from the above courses PLUS**
- two writing intensive courses designated (W) ...............
- three semester-length courses (9 credits) in American Sign Language taken at the university level.

**MATHEMATICS (3)**
Complete one of the following:
- MATH F103X, MATH F107X, MATH F161X OR
  STAT F200X ........................................................(3 – 4) ___
  *No credit may be earned for more than one of MATH F107X or F161X.*
**OR complete one of the following:**
- MATH F200X, MATH F201X, MATH F202X,
  MATH F262X OR MATH F272X ....................................(4) ___
  *Or any math course having one of these as a prerequisite.*

**NATURAL SCIENCES (8)**
Complete any two (4-credit) courses:
- ATM F101X .....................................................(4) ___
- BIOL F100X .....................................................(4) ___
- BIOL F103X .....................................................(4) ___
- BIOL F104X .....................................................(4) ___
- BIOL F111X .....................................................(4) ___
- BIOL F112X .....................................................(4) ___
- BIOL F115X .....................................................(4) ___
- BIOL F116X .....................................................(4) ___
- CHEM F100X .....................................................(4) ___
- CHEM F103X .....................................................(4) ___
- CHEM F104X .....................................................(4) ___
- CHEM F105X .....................................................(4) ___
- CHEM F106X .....................................................(4) ___
- GEOG F111X .....................................................(4) ___
- GEOS F100X .....................................................(4) ___
- GEOS F101X .....................................................(4) ___
- GEOS F102X .....................................................(4) ___
- GEOS F120X .....................................................(4) ___
- GEOS F125X .....................................................(4) ___
- MSL F111X ......................................................(4) ___
- PHYS F102X ......................................................(4) ___
- PHYS F103X ......................................................(4) ___
- PHYS F104X ......................................................(4) ___
- PHYS F115X ......................................................(4) ___
- PHYS F116X ......................................................(4) ___
- PHYS F117X ......................................................(4) ___
- PHYS F211X ......................................................(4) ___
- PHYS F212X ......................................................(4) ___
- PHYS F213X ......................................................(4) ___

**LIBRARY AND INFORMATION RESEARCH (0 – 1)**
Successful completion of library skills competency test **OR**
- LS F100X or F101X prior to junior standing ............(0 – 1) ___

**UPPER-Division Writing and Oral Communication (0)**
Complete the following:
- Two writing intensive courses designated (W) ...............
- one oral communication intensive course designated (O) .........(0) ___
  **OR** two oral communication intensive courses designated (O/2), at the upper-division level (see degree and/or major requirements) ..............(0) ___

**CORE CREDITS REQUIRED ........................................38 – 39**

Minimum credits required for degree ......................120