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.

Baccalaureate Core Requirements
All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements.

COMMUNICATION (9)
Complete the following:
ENGL 111X ..............................................................(3)  
ENGL 190H may be substituted.
Complete one of the following:
ENGL 211X OR ENGL 213X ........................................... (3)
Complete one of the following:
COMM 131X OR COMM 141X ........................................ (3)
PERSPECTIVES ON THE HUMAN CONDITION (18)
Complete all of the following four courses:
ANTH 100X/PSY 100X ..................................................... (3)
ECON 100X OR PSY 100X .............................................. (3)
HIST 100X ........................................................................ (3)
ENGL/FL 200X .............................................................. (3)
Complete one of the following three courses:
ART/MUS/THR 200X, HUM 201X OR ANS 202X ............. (3)
Complete one of the following six courses:
BA 323X, COMM 300X, JUST 300X, NRM 303X, 
PS 300X OR PHIL 322X .................................................. (3)
OR complete 12 credits from the above courses PLUS
• two semester-length courses in a single Alaska Native language or other non-English language OR
• three semester-length courses (9 credits) in American Sign Language taken at the university level.

MATHEMATICS (3)
Complete one of the following:
MATH 103X, MATH 107X, MATH 161X OR STAT 200X ...... (3-4)
* No credit may be earned for more than one of MATH 107X or 161X.
OR complete one of the following:
MATH 200X, MATH 201X, MATH 202X,
MATH 262X OR MATH 272X .......................................... (4)
*Or any math course having one of these as a prerequisite

NATURAL SCIENCES (8)
Complete any two (4-credit) courses:
ATM 101X ................................................................. (4)
BIOL 100X ................................................................. (4)
BIOL 103X ................................................................. (4)
BIOL 104X ................................................................. (4)
BIOL 105X ................................................................. (4)
BIOL 106X ................................................................. (4)
BIOL 111X ................................................................. (4)
BIOL 112X ................................................................. (4)
CHEM 100X ............................................................... (4)
CHEM 103X ............................................................... (4)
CHEM 104X ............................................................... (4)
CHEM 105X ............................................................... (4)
CHEM 106X ............................................................... (4)
CHEM 108X ............................................................... (4)
GEOG 205X ............................................................... (4)
GEOS 100X ............................................................... (4)
GEOS 101X ............................................................... (4)
GEOS 112X ............................................................... (4)
GEOS 120X ............................................................... (4)
GEOS 125X ............................................................... (4)
MSL 111X ................................................................. (4)
PHYS 102X ............................................................... (4)
PHYS 103X ............................................................... (4)
PHYS 104X ............................................................... (4)
PHYS 115X ............................................................... (4)
PHYS 116X ............................................................... (4)
PHYS 175X ............................................................... (4)
PHYS 178X ............................................................... (4)
PHYS 211X ............................................................... (4)
PHYS 212X ............................................................... (4)
PHYS 213X ............................................................... (4)

LIBRARY AND INFORMATION RESEARCH (0–1)
Successful completion of library skills competency test OR
LS 100X or 101X prior to junior standing ................. (0–1)

UPPER-DIVISION WRITING AND ORAL COMMUNICATION (0)
Complete the following:
Two writing intensive courses designated (W) ............. (0)
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)

TOTAL CREDITS REQUIRED ........................................ (38–39)