Minor

1. Complete the following:
   STAT F200X—Elementary Probability and Statistics (3)
   or STAT F300—Statistics (3) ..........................................................3
   STAT F401—Regression and Analysis of Variance .....................4
   MATH F371—Probability* .............................................................3
   MATH F408—Mathematical Statistics ............................................3
   MATH, STAT or STAT related course work** ...........................3

2. Minimum credits required ......................................................16
   * MATH F371 requires MATH F200X, F201X and F202X as prerequisites.
   ** e.g., BA F360, GEOS F430, ANTH F424, MATH F460, etc.

Note: Courses completed to satisfy this minor can be used to simultaneously satisfy other major or general distribution requirements.

Note: Fisheries majors selecting the research option need only complete MATH F371 and MATH F408 in addition to their fisheries requirements to obtain a minor in statistics.
Baccalaureate Core Requirements

Communication .......................................................... 9 Credits
- ENGL F111X—Introduction to Academic Writing .........................(3)
- ENGL F190H may be substituted.

Complete one of the following:
- ENGL F211X—Academic Writing about Literature .....................(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences ....(3)

Complete one of the following:
- COMM F131X—Fundamentals of Oral Communication: Group Context ....(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context ....(3)

Perspectives on the Human Condition ......... 18 Credits

Complete all of the following four courses:
- ANTH F100X/SOC F100X—Individual, Society and Culture ..............(3)
- ECON F100X or PS F100X—Political Economy ............................(3)
- HIST F100X—Modern World History ........................................(3)
- ENGL/FL F200X—World Literature ..............................................(3)

Complete one of the following three courses:
- ART/MUS/THTR F200X—Aesthetic Appreciation: Interrelationship of Art, Drama and Music .........................................................(3)
- HUM F201X—Unity in the Arts .....................................................(3)
- ANS F202X—Aesthetic Appreciation of Alaskan Native Performance ....(3)

Complete one of the following six courses:
- BA F323X—Business Ethics .......................................................(3)
- COMM F300X—Communicating Ethics .........................................(3)
- JUST F300X—Ethics and Justice ..................................................(3)
- NRM F303X—Environmental Ethics and Actions ............................(3)
- PS F300X—Ethics and Society .....................................................(3)
- PHIL F322X—Ethics .................................................................(3)

Or complete 12 credits from the above courses plus one of the following:
- Two semester-length courses in a single Alaska Native language or other non-English language.
- Three-semester-length courses (9 credits) in American Sign Language taken at the university level.

Mathematics .............................................................. 3 Credits

Complete one of the following:
- MATH F103X—Concepts and Contemporary Applications of Mathematics .............................................................(3)
- MATH F107X—Functions for Calculus* .........................................(4)
- MATH F161X—Algebra for Business and Economics** ..................(3)
- STAT F200X—Elementary Probability and Statistics .....................(3)
  * No credit may be earned for more than one of MATH F107X or F161X.
  ** No credit may be earned for more than one of MATH F107X or F161X.

Or complete one of the following:
- MATH F200X—Calculus I** .........................................................(4)
- MATH F201X—Calculus II .........................................................(4)
- MATH F202X—Calculus III .........................................................(4)
- MATH F262X—Calculus for Business and Economics .................(4)
- MATH F272X—Calculus for Life Sciences ....................................(4)
  * Or any math course having one of these as a prerequisite
  ** No credit may be earned for more than one of MATH F200X, F262X or F272.

Natural Sciences ......................................................... 8 Credits

Complete any two (4-credit) courses.
- ATM F101X—Weather and Climate of Alaska ..............................(4)
- BIOL F100X—Human Biology ..................................................(4)
- BIOL F101X—Biology of Sex ....................................................(4)
- BIOL F103X—Biology and Society .............................................(4)
- BIOL F104X—Natural History ....................................................(4)
- BIOL F115X—Fundamentals of Biology I .....................................(4)
- BIOL F116X—Fundamentals of Biology II ....................................(4)
- BIOL F20X—Introduction to Human Nutrition ............................(4)
- BIOL F211X—Human Anatomy and Physiology I .......................(4)
- BIOL F214X—Human Anatomy and Physiology II ......................(4)
- CHEM F100X—Chemistry in Complex Systems ..........................(4)
- CHEM F103X—Basic General Chemistry ....................................(4)
- CHEM F104X—Beginnings in Biochemistry .................................(4)
- CHEM F105X—General Chemistry .............................................(4)
- CHEM F106X—General Chemistry .............................................(4)
- GEOG F111X—Earth and Environment: Elements of Physical Geography (4)
- GEOS F100X—Introduction to Earth Science .............................(4)
- GEOS F101X—The Dynamic Earth ............................................(4)
- GEOS F106X—Life and the Age of Dinosaurs ..............................(4)
- GEOS F112X—History of Earth and Life .....................................(4)
- GEOS F120X—Glaciers, Earthquakes and Volcanoes ...................(4)
- GEOS F125X—Humans, Earth and Environment .......................(4)
- MSL F111X—The Oceans .........................................................(4)
- PHYS F102X—Energy and Society .............................................(4)
- PHYS F103X—College Physics .................................................(4)
- PHYS F104X—College Physics .................................................(4)
- PHYS F115X—Physical Science I ..............................................(4)
- PHYS F175X—Astronomy ...........................................................(4)
- PHYS F211X—General Physics .................................................(4)
- PHYS F212X—General Physics .................................................(4)
- PHYS F213X—Elementary Modern Physics .................................(4)

Library and Information Research ............ 0 – 1 Credit

- Successful completion of library skills competency test or LS F100X or LS F101X prior to junior standing

0 – 1

Upper-Division Writing and Oral Communication

Complete the following at the upper-division level:
- Two writing intensive courses designated (W) and one oral communication intensive course designated (O), or two oral communication intensive courses designated (O/2) (see degree and/or major requirements)

Total credits required 38 – 39

All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements. Students must earn a C- grade or better in each course used toward the baccalaureate core.