**ARCTIC SKILLS**

College of Rural and Community Development  
Department of Emergency Services and Public Safety  
907-455-2895  
www.uaf.edu/rural/

**Minor only**

The minor in arctic skills is designed for anyone who lives and works in a northern climate and wishes to learn to cope with the outdoor arctic environment.

Students who complete this minor also earn a State of Alaska EMTI certificate and may prepare to take the FAA written exam for partial fulfillment of the private pilot certificate requirements.

**Minor**

1. Complete the following:
   - AVTY F100—Private Pilot Ground School (4)
   - or AVTY F111—Fundamentals of Aviation (3)......................... 3 – 4
   - AVTY F231—Arctic Survival (3)
   - or EMS F257—Arctic Survival (3)........................................3
   - EMS F170—EMT: Emergency Medical Technician I..................6
   - Approved electives* ......................................................... 3 – 4

2. Minimum credits required ..................................................15

* Approved by program manager.
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:
  - ANTH F131X—Fundamentals of Oral Communication: Group 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/THR 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 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 F210X—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)
- ENGL F100X—Introduction to Earth Science......................................(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 F201X—Glaciers, Earthquakes and Volcanoes.....................(4)
- GEOS F205X—Humans, Earth and Environment.........................(4)
- GL F213X—Academic Writing about the Social and Natural Sciences ....(4)
- GL/FL F200X—World Literature ....................................................(4)
- HYS F103X—College Physics...........................................................(4)
- HYS F104X—College Physics...........................................................(4)
- HYS F115X—Physical Science I......................................................(4)
- HYS F175X—Astronomy.................................................................(4)
- PHYS F102X—Energy and Society...................................................(4)
- PHYS F103X—College Physics...........................................................(4)
- PHYS F104X—College Physics...........................................................(4)
- PHYS F115X—Physical Science I......................................................(4)
- PHYS F121X—General Physics..........................................................(4)
- PHYS F121X—General Physics..........................................................(4)
- PHYS F121X—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.

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.