### General Education Requirements (GER)

General Education Requirements, or GER, are courses that are required for baccalaureate, associate of arts and associate of science degrees at the University of Alaska Fairbanks.

**EFFECTIVE FOR THE 2023-2024 CATALOG YEAR**

### Baccalaureate Degree

**Associate of Arts Degree**
- Communication: 9 credits
- Mathematics: 3-4 credits
- Natural Sciences: 8 credits
- Arts: 3 credits
- Humanities: 3-5 credits
- Social Sciences: 6 credits
- Additional Arts/Humanities/Social Sciences: 3-5 credits

**Total Credits Required: 35-40**

### Associate of Science Degree

- Communication: 9 credits
- Mathematics: 3-4 credits
- Natural Sciences: 16 credits
- Arts: 3 credits
- Humanities: 3-5 credits
- Social Sciences: 6 credits
- Additional Arts/Humanities/Social Sciences: 3-5 credits

**Total Credits Required: 43-48**

### COMMUNICATION (9 Credits)

Complete one of the following:
- COM F121X – Introduction to Interpersonal Communication (3)
- COM F131X – Fundamentals of Oral Communication: Group Context (3)
- COM F141X – Fundamentals of Oral Communication: Public Context (3)

Complete the following:
- WRTG F111X – Writing Across Contexts (3)

Complete one of the following:
- WRTG F211X – Writing and the Humanities (3)
- WRTG F212X – Writing and the Professions (3)
- WRTG F213X – Writing and the Sciences (3)
- WRTG F214X – Arguing Across Contexts (3)

### MATHEMATICS (3-4 Credits)

Complete one of the following:
- MATH F113X – Numbers and Society (3)
- MATH F122X – Essential Precalculus with Applications (3)
- MATH F151X – College Algebra for Calculus (4)
- MATH F152X – Trigonometry (3)
- MATH F156X – Precalculus (4)
- MATH F230X – Essential Calculus with Applications* (3)
- MATH F251X – Calculus I* (4)
- MATH F252X – Calculus II* (4)
- MATH F253X – Calculus III* (4)
- STAT F200X – Elementary Statistics (3)

* Or any math course having one of these as a prerequisite

**NOTE:** You may earn credit for MATH F122X or F151X, but not both.

**NOTE:** You may earn credit for MATH F230X or F251X, but not both.

### NATURAL SCIENCES

**8 Credits for A.A., Baccalaureate; 16 Credits for A.S.**

Complete two (or four, for an A.S.) of the following:
- ATM F101X – Weather and Climate of Alaska (4)
- BIOL F100X – Human Biology (4)
- BIOL F103X – Biology and Society (4)
- BIOL/WLF F104X – Natural History of Alaska (4)
- BIOL F111X – Human Anatomy and Physiology I (4)
- BIOL F112X – Human Anatomy and Physiology II (4)
- BIOL F115X – Fundamentals of Biology I (4)
- BIOL F116X – Fundamentals of Biology II (4)
- BIOL F120X – Introduction to Human Nutrition (4)
- BIOL F240X – Beginnings in Microbiology (4)
- CHEM F100X – Chemistry in Complex Systems (4)
- CHEM F103X – Introduction to Environmental Chemistry of the Arctic (4)
- ENVI F101X – Introduction to Environmental Science (4)
- ES F100X – Earth and Environment: Elements of Physical Geography (4)
- GEOG F101X – The History of Earth and Life (4)
- GEOG F120X – Glaciers, Earthquakes and Volcanoes: Past, Present and Future (4)
- MBI/OCN F111X – The Oceans (4)
- PHYS F102X – Energy and Society (4)
- PHYS F115X – Physical Sciences (4)
- PHYS F123X – College Physics I (4)
- PHYS F124X – College Physics II (4)
- PHYS F165X – Introduction to Astronomy (4)
- PHYS F211X – General Physics I (4)
- PHYS F212X – General Physics II (4)
- PHYS F213X – Elementary Modern Physics (4)

### Questions?

An academic advisor can assist with determining which courses fit best into a degree program.

For assistance visit: [www.uaf.edu/admitted/advising/](http://www.uaf.edu/admitted/advising/)
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