

# 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**



OFFICE OF THE REGISTRAR

University of Alaska Fairbanks

## 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**

- Courses that may satisfy GER have course numbers ending with X.
  - For example, WRTG F111X and COM F121X meet specific GER Communication requirements.
- Credit may be counted toward general education requirements or a degree major requirement but not both.
- If new classes are added, the new courses can be used for any GER catalog year.
- Students must earn a C-grade or higher in each course used to meet a GER.

### 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 General Chemistry (4)
- CHEM F104X – Introduction to Organic Chemistry and Biochemistry (4)
- CHEM F105X – General Chemistry I (4)
- CHEM F106X – General Chemistry II (4)
- CHEM F111X – Introduction to Environmental Chemistry of the Arctic (4)
- ENVI F101X – Introduction to Environmental Science (4)
- ES F100X – Engineering Alaska – An Introduction to Engineering (3)
  - + ES F100L Makerspace Alaska: A Laboratory Introduction to Engineering (1)
- GEOS F101X – The Dynamic Earth (4)
- GEOS F102X – Wicked Maps for Wicked Problems: Geographic Information Systems Across Disciplines (4)
- GEOS F106X – Life in the Age of Dinosaurs (4)
- GEOS F111X – Earth and Environment: Elements of Physical Geography (4)
- GEOS F112X – The History of Earth and Life (4)
- GEOS 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/)

### ARTS (3 Credits)

Complete one of the following:

- ANS/FLPA F161X - Introduction to Alaska Native Performance (3)
- ANS F202X - Aesthetic Appreciation of Alaska Native Performance (3)
- ANS/MUS/ACNS F223X - Alaska Native Music (3)
- ART F105X - Beginning Drawing (3)
- ART F200X - Explorations in Art (3)
- ART F261X - History of World Art I (3)
- ART F262X - History of World Art II (3)
- ENGL/FLPA F217X - Introduction to the Study of Film (3)
- FLPA F105X - History of the Cinema (3)
- FLPA F121X - Fundamentals of Acting (3)
- FLPA F200X - Discovering Stage & Screen (3)
- FLPA F215X - Dramatic Literature and History (3)
- HUM F201X - Unity in the Arts (3)
- MUS F103X - Music Fundamentals (3)
- MUS F125X - Enjoying Jazz (3)
- MUS F200X - Explorations in Music (3)

### HUMANITIES (3-5 Credits)

Complete one of the following:

- ANL F251X - Introduction to Athabascan Linguistics (3)
- ANL F255X - Introduction to Alaska Native Languages (3)
- COM F101X - Media and Culture (3)
- COM F102X - Introduction to Broadcasting (3)
- ENGL/FL F200X - World Literature (3)
- ENGL F201X - Texts and Contexts (3)
- ENGL F270X - Introduction to Creative Writing (3)
- JOUR F101X - Media and Culture (3)
- LING F101X - Nature of Language (3)
- LING F216X - Languages of the World (3)
- PHIL F102X - Introduction to Philosophy (3)
- PHIL F104X - Logic and Reasoning (3)
- RELG F221X - Religions of the World (3)

OR take one of the following languages:

- ANL F141X - Beginning Dene/Athabascan I (5)
- ANL F142X - Beginning Dene/Athabascan II (5)
- ASLG F101X - American Sign Language I (3)
- ASLG F202X - American Sign Language II (3)
- CHNS F101X - Elementary Chinese I (5)
- CHNS F102X - Elementary Chinese II (5)
- FREN F101X - Elementary French I (4)
- FREN F102X - Elementary French II (3)
- GER F101X - Elementary German I (4)
- GER F102X - Elementary German II (3)
- INU F111X - Elementary Inupiaq (5)
- INU F112X - Elementary Inupiaq (5)
- JPN F101X - Elementary Japanese I (5)
- JPN F102X - Elementary Japanese II (5)
- LAT F101X - Beginning Latin I (3)
- LAT F102X - Beginning Latin II (3)
- RUSS F101X - Elementary Russian I (4)
- RUSS F102X - Elementary Russian II (4)
- SPAN F101X - Elementary Spanish I (4)
- SPAN F102X - Elementary Spanish II (3)
- YUP F101X - Elementary Central Yup'ik (5)
- YUP F102X - Elementary Central Yup'ik (5)

### SOCIAL SCIENCES (6 Credits)

Complete two courses from the following in two different disciplines:

- ACCT F261X - Principles of Financial Accounting (3)
- ANS F111X - History of Colonization in Alaska: The Indigenous Response (3)
- ANS F242X - Indigenous Cultures of Alaska (3)
- ANTH F100X - Individual, Society and Culture (3)
- ANTH F101X - Introduction to Anthropology (3)
- ANTH F111X - Ancient Civilization (3)
- ANTH F211X - Fundamentals of Archaeology (3)
- BA F151X - Introduction to Business (3)
- BA F254X - Personal Finance (3)
- BA/SPRT F281X - Introduction to Sport Management (3)
- ECE F104X - Child Development I: Prenatal, Infants and Toddlers (3)
- ECE F107X - Child Development II: The Preschool and Primary Years (3)
- ECE F210X - Child Guidance (3)
- ECE F229X - Foundations in Nutrition and Physical Wellness (3)
- ECON F101X - Principles of Microeconomics (3)
- ECON F102X - Principles of Macroeconomics (3)
- ECON F111X - The Economy of Rural Alaska (3)
- ECON F120X - Introduction to Economic Analysis (3)
- ECON F235X - Introduction to Natural Resource Economics (3)
- HIST F100X - Modern World History (3)
- HIST F102X - Western Civilization Since 1500 (3)
- HIST F110X - History of Alaska Natives from Contact to the Present (3)
- HIST F122X - East Asian Civilization (3)
- HIST F132X - History of the U.S. (3)
- HUMS/JUST F125X - Introduction to Addictive Processes (3)
- JUST F110X - Introduction to Justice (3)
- JUST F251X - Criminology (3)
- NRM F111X - Introduction to Sustainability Science (3)
- PS F100X - Political Economy (3)
- PS F101X - Introduction to American Government and Politics (3)
- PS F201X - Comparative Politics (3)
- PS F221X - International Politics (3)
- PSY F101X - Introduction to Psychology (3)
- PSY F123X - Sleepless in Alaska: Sleep, Health and You (3)
- RD F200X - Rural Development in the North (3)
- SOC F101X - Introduction to Sociology (3)
- SOC F201X - Social Problems and Solutions (3)
- SWK F103X - Introduction to Social Work (3)
- WGS F201X - Introduction to Women, Gender and Sexuality Studies (3)

### ADDITIONAL ARTS/HUMANITIES/SOCIAL SCIENCES (3-5 Credits)

Complete one additional course from the arts, humanities or social science courses listed

## 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/)