# 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)

### 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 F101X – 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)
- GEOG F101X – The Dynamic Earth (4)
- GEOG F102X – Wicked Maps for Wicked Problems: Geographic Information Systems Across Disciplines (4)
- GEOG 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)
- GEOS F121X – 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)
- SCIA F101L – Natural Science Lab Course (1)

### Questions?

An academic advisor can assist with determining which courses fit best into a degree program.
For assistance visit: 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 F281X – History of World Art I (3)
- ART F282X – 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 I (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 F281X – 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 F103X – History of Alaska Natives from Contact to the Present (3)
- HIST F222X – East Asian Civilization (3)
- HIST F323X – 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/